



Ref. No.	Date	Time	Location	Construction Noise Level	Unit	Action Level	Limit Level	Follow-up action
X_10N102	1-Nov-12	15:00	M6 - HK baptist Church henrietta Secondary School	72	Leq(30-min)	when one documented complaint was received.	70	<p><b>Possible reason:</b> Socketed H-piling activities and traffic nearby were observed during monitoring. Traffic noise contributed as a major noise source during monitoring.</p> <p><b>Action taken / to be taken:</b> 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><b>Remarks / Other Obs:</b> Although socketed H-piling activities for Contract no. 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_10N103	6-Nov-12	15:00	M6 - HK baptist Church henrietta Secondary School	72	Leq(30-min)	when one documented complaint was received.	70	<p><b>Possible reason:</b> Socketed H-piling activities and traffic nearby were observed during monitoring. Traffic noise contributed as a major noise source during monitoring.</p> <p><b>Action taken / to be taken:</b> 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><b>Remarks / Other Obs:</b> Although socketed H-piling activities for Contract no. 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>



Ref no.	Date	Tidal	Location	Parameters (Unit)	Measure	Action Level	Limit Level	Follow-up action	
X_W374	29-Oct-12	Mid-Ebb	WSD19	DO (mg/L)	5.55	3.66	3.28	Possible reason: Natural variation or changes of water quality in the vicinity of the water quality monitoring station Immediate repeated in-situ measurements had conducted to confirm the exceedances. The tidal was moving eastward. Checking with contractor's works on 29 Oct, rock filling of trimming work on CHWM was 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 and WSD19 was located at the upstream of the Project, the exceedances was considered not project related.	
				Turbidity	13.73	8.04	9.49		Action taken / to be taken:
				Suspended Solid	11.50	13.00	14.43		Remarks / Other Obs:
X_W375	29-Oct-12	Mid-Flood	WSD17	DO (mg/L)	6.75	3.66	3.28	Possible reason: Natural variation or changes of water quality in the vicinity of the water quality monitoring station Immediate repeated in-situ measurements had conducted to confirm the exceedances. The tidal was moving westward. Confirmed with contractor's works on 29 Oct, rockfilling at WCR2 was conducted on that day. Remarks / Other Obs: Since WSD17 was located at the upstream of the Project, the exceedance was considered not related to Proejct works.	
				Turbidity	8.62	8.04	9.49		Action taken / to be taken:
				Suspended Solid	8.50	13.00	14.43		Remarks / Other Obs:
X_W376	29-Oct-12	Mid-Flood	WSD9	DO (mg/L)	5.72	3.66	3.28	Possible reason: Natural variation or changes of water quality in the vicinity of the water quality monitoring station Immediate repeated in-situ measurements had conducted to confirm the exceedances. The tidal was moving westward. Confirmed with contractor's works on 29 Oct, rockfilling at WCR2 was conducted on that day. Remarks / Other Obs: Since WSD9 was located at the upstream of the Project, the exceedance was considered not related to Proejct works.	
				Turbidity	8.84	8.04	9.49		Action taken / to be taken:
				Suspended Solid	8.00	13.00	14.43		Remarks / Other Obs:
X_W377	31-Oct-12	Mid-Ebb	WSD19	DO (mg/L)	5.67	3.66	3.28	Possible reason: Natural variation or changes of water quality in the vicinity of the water quality monitoring station Immediate repeated in-situ measurements had conducted to confirm the exceedances. The tidal was moving eastward. Checking with contractor's works on 31 Oct, rock filling of trimming work on CHWM and East bridge 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 and WSD19 was located at the upstream of the Project, the exceedances was considered not project related.	
				Turbidity	11.73	8.04	9.49		Action taken / to be taken:
				Suspended Solid	16.00	13.00	14.43		Remarks / Other Obs:
X_W378	31-Oct-12	Mid-Flood	WSD17	DO (mg/L)	6.28	3.66	3.28	Possible reason: Natural variation or changes of water quality in the vicinity of the water quality monitoring station Immediate repeated in-situ measurements had conducted to confirm the exceedances. The tidal was moving westward. Confirmed with contractor's works on 31 Oct, rockfilling at WCR2 was conducted on that day. Remarks / Other Obs: Since WSD17 was located at the upstream of the Project, the exceedance was considered not related to Proejct works.	
				Turbidity	12.05	8.04	9.49		Action taken / to be taken:
				Suspended Solid	17.00	13.00	14.43		Remarks / Other Obs:



Ref no.	Date	Tidal	Location	Parameters (Unit)	Measure	Action Level	Limit Level	Follow-up action
X_W379	31-Oct-12	Mid-Ebb	WSD17	DO (mg/L)	6.03	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. Checked with Contractor's work on 31 Oct, WCR2 rock filling was conducted on that day. Reviewing the results at the monitoring stations within site area, no exceedance was recorded.  Remarks / Other Obs: No further exceedance was recorded in the next consecutive monitoring. In view that no exceedance was recorded at the monitoring stations within site area, it was considered not related to Project works.
				Turbidity	8.60	8.04	9.49	
				Suspended Solid	14.50	13.00	14.43	
X_W380	2-Nov-12	Mid-Flood	WSD17	DO (mg/L)	6.18	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. The tidal was moving westward. Confirmed with contractor's works on 2 Nov, rockfilling at WCR2 was conducted on that day.  Remarks / Other Obs: Since WSD17 was located at the upstream of the Project, the exceedance was considered not related to Project works.
				Turbidity	9.36	8.04	9.49	
				Suspended Solid	9.60	13.00	14.43	
X_W381	8-Nov-12	Mid-Ebb	WSD21	DO (mg/L)	3.98	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: Confirmed with contractor's works on 8 Nov, 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. Reviewing the results at the monitoring stations nearer than WSD21, no exceedance was recorded in the next consecutive monitoring. In view that no marine work was conducted during monitoring and the silt screen was in proper condition, the exceedances was considered not project related.
				Turbidity	8.53	8.04	9.49	
				Suspended Solid	17.00	13.00	14.43	
X_W382	8-Nov-12	Mid-Flood	WSD9	DO (mg/L)	6.48	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: Confirmed with contractor's works on 8 Nov, no marine work was conducted during monitoring. Reviewing the results at the monitoring stations nearer than WSD9, no exceedance was recorded.  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.
				Turbidity	4.82	8.04	9.49	
				Suspended Solid	15.00	13.00	14.43	
X_W383	10-Nov-12	Mid-Flood	WSD19	DO (mg/L)	5.52	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 10 Nov 2012, rock filling of trimming work on CHWM was conducted on that day.  Remarks / Other Obs: Checking with contractor's inspection record, the silt screen was in proper condition on that day. 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	9.16	8.04	9.49	
				Suspended Solid	11.50	13.00	14.43	



Ref no.	Date	Tidal	Location	Parameters (Unit)	Measure	Action Level	Limit Level	Follow-up action
X_W384	12-Nov-12	Mid-Ebb	WSD19	DO (mg/L)	4.93	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. The tidal was moving eastward. Checking with contractor's works on 12 Nov 2012, rock filling of trimming work on CHWM was conducted on that day. Remarks / Other Obs: Checking with contractor's inspection record, the silt screen was in proper In view that the water quality at monitoring stations located nearest the marine work site were well below the Action level and WSD19 was located at the upstream of the Project, the exceedances was considered not project related.
				Turbidity	8.14	8.04	9.49	
				Suspended Solid	11.50	13.00	14.43	
X_W385	12-Nov-12	Mid-Flood	WSD17	DO (mg/L)	6.39	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. The tidal was moving westward. Confirmed with contractor's works on 12 Nov, rockfilling at WCR2 was conducted on that day. Remarks / Other Obs: Since WSD17 was located at the upstream of the Project, the exceedance was considered not related to Project works.
				Turbidity	11.60	8.04	9.49	
				Suspended Solid	16.50	13.00	14.43	
X_W386	14-Nov-12	Mid-Ebb	WSD19	DO (mg/L)	6.10	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. The tidal was moving eastward. Checking with contractor's works on 14 Nov 2012, rock filling of trimming work on CHWM and leveling on East bridge were conducted on that day. Remarks / Other Obs: Checking with contractor's inspection record, the silt screen was in proper condition on that day. In view that the water quality at monitoring stations located nearest the marine work site were well below the Action level and WSD19 was located at the upstream of the Project, the exceedances was considered not project related.
				Turbidity	8.48	8.04	9.49	
				Suspended Solid	7.50	13.00	14.43	
X_W387	17-Nov-12	Mid-Flood	WSD17	DO (mg/L)	6.32	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. The tidal was moving westward. Confirmed with contractor's works on 17 Nov, rockfilling at WCR2 was conducted on that day. Remarks / Other Obs: Since WSD17 was located at the upstream of the Project, the exceedance was considered not related to Project works.
				Turbidity	9.20	8.04	9.49	
				Suspended Solid	15.50	13.00	14.43	
X_W388	17-Nov-12	Mid-Flood	WSD19	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: Immediate repeated in-situ measurements had conducted to confirm the exceedances. Checking with contractor's works on 17 Nov 2012, rock filling of trimming work on CHWM and leveling on East Bridge were conducted on that day. Remarks / Other Obs: Checking with contractor's inspection record, the silt screen was in proper 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	9.98	8.04	9.49	
				Suspended Solid	21.00	13.00	14.43	



Ref no.	Date	Tidal	Location	Parameters (Unit)	Measure	Action Level	Limit Level	Follow-up action	
X_W389	17-Nov-12	Mid-Ebb	WSD19	DO (mg/L)	6.46	3.66	3.28	Possible reason: Natural variation or changes of water quality in the vicinity of the water quality monitoring station Immediate repeated in-situ measurements had conducted to confirm the exceedances. The tidal was moving eastward. Checking with contractor's works on 17 Nov 2012, rock filling of trimming work on CHWM and leveling on East bridge were conducted on that day. Checking with contractor's inspection record, the silt screen was in proper condition on 19 Nov.  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 WSD19 was located at the upstream of the Project, the exceedances was considered not project related.	
				Turbidity	8.91	8.04	9.49		Action taken / to be taken:
				Suspended Solid	9.00	13.00	14.43		Remarks / Other Obs:
X_W390	17-Nov-12	Mid-Ebb	WSD21	DO (mg/L)	3.66	3.66	3.28	Possible reason: Natural variation or changes of water quality in the vicinity of the water quality monitoring station Immediate repeated in-situ measurements had conducted to confirm the exceedances. Checking with contractor's works on 17 Nov 2012, 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. 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.	
				Turbidity	10.11	8.04	9.49		Action taken / to be taken:
				Suspended Solid	14.00	13.00	14.43		Remarks / Other Obs:
X_W391	19-Nov-12	Mid-Flood	WSD19	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 Immediate repeated in-situ measurements had conducted to confirm the exceedances. Checking with contractor's works on 19 Nov 2012, rock filling of trimming work on CHWM was conducted on that day. Checking with contractor's inspection record, the silt screen was in proper condition on that day. 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	8.57	8.04	9.49		Action taken / to be taken:
				Suspended Solid	4.00	13.00	14.43		Remarks / Other Obs:
X_W392	24-Nov-12	Mid-Ebb	WSD17	DO (mg/L)	6.61	3.66	3.28	Possible reason: Natural variation or changes of water quality in the vicinity of the water quality monitoring station Immediate repeated in-situ measurements had conducted to confirm the exceedances. Checking with contractor's works on 24 Nov 2012, no marine work was conducted on that day. Checking with contractor's inspection record, the silt screen was in proper condition on 23 Nov 2012.  Remarks / Other Obs: In view that no marine work was conducted on that day, the exceedances was considered not project related.	
				Turbidity	8.46	8.04	9.49		Action taken / to be taken:
				Suspended Solid	7.50	13.00	14.43		Remarks / Other Obs:
X_W393	26-Nov-12	Mid-Flood	WSD17	DO (mg/L)	6.48	3.66	3.28	Possible reason: Natural variation or changes of water quality in the vicinity of the water quality monitoring station Immediate repeated in-situ measurements had conducted to confirm the exceedances. The tidal was moving westward. Confirmed with contractor's works on 26 Nov, rockfilling at WCR2 was conducted on that day.  Remarks / Other Obs: Since WSD17 was located at the upstream of the Project, the exceedance was considered not related to Project works.	
				Turbidity	8.39	8.04	9.49		Action taken / to be taken:
				Suspended Solid	10.50	13.00	14.43		Remarks / Other Obs:



Ref no.	Date	Tidal	Location	Parameters (Unit)	Measured	Action Level	Limit Level	Follow-up action
X_10C481	29-Oct-12	Mid-Flood	C5w	DO(mg/L)	5.23	3.36	2.73	Possible reason: Trapping of unknown particles inside the silt screen  Action taken / to be taken: Repeated the measurement to confirm the result. Checking with Contractor's records, no marine work was conducted during monitoring. The turbidity of C5w outside the silt screen was 7.09 NTU. Reviewing the results at the monitoring stations nearer than C5w, no exceedance was recorded.  Checking with the Contractor and RSS daily records, the silt screen and silt curtain were in proper condition.
				Turbidity	22.53	9.10	10.25	
X_10C482	29-Oct-12	Mid-Ebb	C4w	DO(mg/L)	5.24	3.36	2.73	Possible reason: Accumulation of floating debris near monitoring station Action taken / to be taken: Checking with Contractor's records, rock filling at Cross Harbour Watermain was conducted on that day. According to the Contractor and RSS daily records, the floating debris inside silt screen was found and removed immediately after inspection. The silt screen and silt curtain were observed in proper condition during water monitoring
				Turbidity	3.71	9.10	10.25	
X_10C483	29-Oct-12	Mid-Flood	C9	DO(mg/L)	7.00	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.
				Turbidity	9.83	9.10	10.25	
X_10C484	31-Oct-12	Mid-Flood	C5w	DO(mg/L)	5.66	3.36	2.73	Possible reason: Possible in relation to cleaning of screen panels at SHK intake was recorded on 31 Oct 2012. Action taken / to be taken: Immediate repeated in-situ measurements had conducted to confirm the exceedances. Checking with contractor's works on 31 Oct, no filling was conducted during monitoring. Checking with the contractor's record, cleaning screen panel at SHK intake was conducted during monitoring.
				Turbidity	9.43	9.10	10.25	
X_10C485	31-Oct-12	Mid-Ebb	C5w	DO(mg/L)	4.76	3.36	2.73	Possible reason: Disturbance of sediment near to the SHK's intake during diver inspection
				SS	10.50	15.00	22.13	



Ref no.	Date	Tidal	Location	Parameters (Unit)	Measured	Action Level	Limit Level	Follow-up action
				Turbidity	10.90	9.10	10.25	Action taken / to be taken: Repeated the measurement to confirm the result. Checking with Contractor's records, diver inspection at SHK's well was conducted at 1300. Checking with the Contractor and RSS daily records, the silt screen and silt curtain were in proper condition.
				SS	18.00	15.00	22.13	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 possible in relation to the disturbance of sediment during diver inspection inside the SHK's well. The exceedance was considered not works related.
X_10C486	31-Oct-12	Mid-Ebb	C5e	DO(mg/L)	4.75	3.36	2.73	Possible reason: Disturbance of sediment near to the SHK's intake during diver inspection
				Turbidity	9.96	9.10	10.25	Action taken / to be taken: Repeated the measurement to confirm the result. Checking with Contractor's records, diver inspection at SHK's well was conducted at 1300. Checking with the Contractor and RSS daily records, the silt screen and silt curtain were in proper condition.
				SS	13.00	15.00	22.13	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 possible in relation to the disturbance of sediment during diver inspection inside the SHK's well. The exceedance was considered not works related.
X_10C487	31-Oct-12	Mid-Ebb	C8	DO(mg/L)	5.16	3.36	2.73	Possible reason: Accumulation of unknown particles from nearby outfall
				Turbidity	9.33	9.10	10.25	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
				SS	9.50	15.00	22.13	Remarks / Other Obs: 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_10C488	31-Oct-12	Mid-Flood	C9	DO(mg/L)	6.28	3.36	2.73	Possible reason: Accumulation of unknown particles from nearby outfall
				Turbidity	13.33	9.10	10.25	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
				SS	16.00	15.00	22.13	Remarks / Other Obs: 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_10C489	31-Oct-12	Mid-Ebb	C9	DO(mg/L)	5.52	3.36	2.73	Possible reason: Accumulation of unknown particles from nearby outfall
				Turbidity	11.35	9.10	10.25	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
				SS	14.50	15.00	22.13	Remarks / Other Obs: 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_10C490	5-Nov-12	Mid-Flood	C9	DO(mg/L)	6.12	3.36	2.73	Possible reason: Accumulation of unknown particles from nearby outfall
				Turbidity	12.65	9.10	10.25	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.



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				SS	8.50	15.00	22.13	Remarks / Other Obs: 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_10C491	10-Nov-12	Mid-Flood	C9	DO(mg/L)	5.30	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: 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	9.94	9.10	10.25	
				SS	16.50	15.00	22.13	
X_10C492	10-Nov-12	Mid-Flood	C4e	DO(mg/L)	2.95	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: Repeated the measurement to confirm the result. No odour nuisance was detected during DO monitoring. Checking the work conducted near the monitoring station, trimming at Cross Harbour watermains was conducted on that day. Remarks / Other Obs: Checking with the Contractor and RSS daily records, the silt screen and silt curtain were well below the Action level, the silt screen and silt curtain were in proper condition and no odour was detected during monitoring, it was considered not related to Project works.
				Turbidity	2.38	9.10	10.25	
				SS	3.50	15.00	22.13	
X_10C493	10-Nov-12	Mid-Flood	C4w	DO(mg/L)	3.22	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: Repeated the measurement to confirm the result. No odour nuisance was detected during DO monitoring. Checking the work conducted near the monitoring station, trimming at Cross Harbour watermains was conducted on that day. Remarks / Other Obs: Checking with the Contractor and RSS daily records, the silt screen and silt curtain were well below the Action level, the silt screen and silt curtain were in proper condition and no odour was detected during monitoring, it was considered not related to Project works.
				Turbidity	2.58	9.10	10.25	
				SS	4.00	15.00	22.13	
X_10C494	12-Nov-12	Mid-Ebb	C9	DO(mg/L)	6.26	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: 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	9.72	9.10	10.25	
				SS	12.00	15.00	22.13	
X_10C495	14-Nov-12	Mid-Flood	C9	DO(mg/L)	4.65	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.
				Turbidity	10.58	9.10	10.25	





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				SS	13.50	15.00	22.13	Remarks / Other Obs: 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_10C496	17-Nov-12	Mid-Flood	C9	DO(mg/L)	5.74	3.36	2.73	Possible reason: Accumulation of unknown particles from nearby outfall
				Turbidity	10.23	9.10	10.25	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.
				SS	12.00	15.00	22.13	Remarks / Other Obs: 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_10C497	17-Nov-12	Mid-Flood	C8	DO(mg/L)	5.40	3.36	2.73	Possible reason: Accumulation of unknown particles from nearby outfall
				Turbidity	12.10	9.10	10.25	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
				SS	11.50	15.00	22.13	Remarks / Other Obs: 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_10C498	17-Nov-12	Mid-Flood	C7	DO(mg/L)	4.47	3.36	2.73	Possible reason: Natural variation or changes of water quality in the vicinity of the water quality monitoring station
				Turbidity	13.60	9.10	10.25	Action taken / to be taken: Immediate repeated in-situ measurements had conducted to confirm the exceedances. Checking with contractor's works on 17 Nov 12, TS2 seawall construction and reclamation were conducted on that day. Checking with contractor's inspection record, the silt screen and silt curtain were in proper condition on that day.
				SS	14.00	15.00	22.13	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 and the silt curtains for filling works were in proper condition, the exceedance was considered not related to Project works.
X_10C499	17-Nov-12	Mid-Flood	C3	DO(mg/L)	4.00	3.36	2.73	Possible reason: Natural variation or changes of water quality in the vicinity of the water quality monitoring station
				Turbidity	2.98	9.10	10.25	Action taken / to be taken: Checking with contractor's works on 17 Nov 2012, rock filling of trimming work on CHWM and leveling on East Bridge were conducted on that day. Checking with contractor's inspection record, the silt screen and silt curtain were in proper condition on 19 Nov 2012.
				SS	18.00	15.00	22.13	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 was in proper condition, the exceedances was considered not project related.
X_10C500	17-Nov-12	Mid-Ebb	C5e	DO(mg/L)	3.63	3.36	2.73	Possible reason: Natural variation or changes of water quality in the vicinity of the water quality monitoring station



Ref no.	Date	Tidal	Location	Parameters (Unit)	Measured	Action Level	Limit Level	Follow-up action	
				Turbidity	9.05	9.10	10.25	Action taken / to be taken:	Checking with contractor's works on 17 Nov 2012, no marine work was conducted during monitoring.
				SS	18.50	15.00	22.13	Remarks / Other Obs:	Checking with contractor's inspection record, the silt screen and silt curtain were in proper condition on that day. 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_10C501	19-Nov-12	Mid-Flood	C9	DO(mg/L)	5.60	3.36	2.73	Possible reason:	Accumulation of unknown particles from nearby outfall
				Turbidity	10.31	9.10	10.25	Action taken / to be taken:	Immediate repeated measurement was conducted to confirm the exceedances.
				SS	11.00	15.00	22.13	Remarks / Other Obs:	Confirmed with Contractor that no marine works were performed that day 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_10C502	22-Nov-12	Mid-Flood	C8	DO(mg/L)	5.06	3.36	2.73	Possible reason:	Accumulation of unknown particles from nearby outfall
				Turbidity	9.50	9.10	10.25	Action taken / to be taken:	Immediate repeated measurement was conducted to confirm the exceedances.
				SS	10.50	15.00	22.13	Remarks / Other Obs:	Confirmed with Contractor that no marine works were performed that day 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_10C503	22-Nov-12	Mid-Flood	C7	DO(mg/L)	2.99	3.36	2.73	Possible reason:	Natural variation or changes of water quality in the vicinity of the water quality monitoring station
				Turbidity	2.07	9.10	10.25	Action taken / to be taken:	Immediate repeated in-situ measurements had conducted to confirm the exceedances. No odour nuisance was noted during monitoring. Checking with contractor's works on 22 Nov 12, TS2 reclamation was conducted on that day.
				SS	<2	15.00	22.13	Remarks / Other Obs:	Checking with contractor's inspection record, the silt screen and silt curtain were in proper condition on that day. No further DO exceedance was recorded in the next consecutive monitoring. In view that the water quality at monitoring stations located nearest the marine work site were well below the Action level and the silt curtains for filling works were in proper condition and no odour was detected during monitoring, it was considered not related to Project works.
X_10C504	24-Nov-12	Mid-Ebb	C8	DO(mg/L)	5.57	3.36	2.73	Possible reason:	Accumulation of unknown particles from nearby outfall
				Turbidity	10.75	9.10	10.25	Action taken / to be taken:	Immediate repeated measurement was conducted to confirm the exceedances.
				SS	7.00	15.00	22.13	Remarks / Other Obs:	Confirmed with Contractor that no marine works were performed that day. 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.



Ref no.	Date	Tidal	Location	Depth	Parameters (Unit)	Measured	Action Level	Limit Level	Follow-up action
X_10D166	29-Oct-12	Mid-Flood	Ex-WPCWA SE	Middle	DO(mg/l)	3.51	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 Contractor's works, there was no marine works undertaken at ex-WPCWA on 29 Oct 2012.</p> <p>Remarks / Other Obs: In view that there was no marine activities at ex-WPCWA, it was considered not related to Project works.</p>
X_10D167	29-Oct-12	Mid-Ebb	Ex-WPCWA SE	Surface	DO(mg/l)	3.68	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 Contractor's works, there was no marine works undertaken at ex-WPCWA on 29 Oct 2012.</p> <p>Remarks / Other Obs: In view that there was no marine activities at ex-WPCWA, it was considered not related to Project works.</p>
X_10D168	29-Oct-12	Mid-Ebb	Ex-WPCWA SE	Bottom	DO(mg/l)	3.28	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 Contractor's works, there was no marine works undertaken at ex-WPCWA on 29 Oct 2012.</p> <p>Remarks / Other Obs: In view that there was no marine activities at ex-WPCWA, it was considered not related to Project works.</p>
X_10D169	29-Oct-12	Mid-Ebb	C6	Middle	DO(mg/l)	2.77	3.13	2.00	<p>Possible reason: Possible in relation to the low flow and low water depth during ebb tide</p> <p>Action taken / to be taken: Repeated the measurement to confirm the result. Checked with Contractor's works, TS2 seawall construction and TS2 reclamation were conducted on that day. Checked with Contractor inspection's record, the silt curtain was in proper condition.</p> <p>Remarks / Other Obs: In view that the silt screen was in proper condition and no dredging work was conducted on that day. The exceedance was possibly to be caused from the accumulation of particles discharged from outfalls near monitoring station and not related to Project works.</p>
X_10D170	31-Oct-12	Mid-Ebb	C7	Middle	DO(mg/l)	3.64	3.87	3.09	<p>Possible reason: Possible in relation to the low flow and low water depth during ebb tide</p> <p>Action taken / to be taken: Repeated the measurement to confirm the result. Checked with Contractor's works, TS2 seawall construction and TS2 reclamation were conducted on that day. Checked with Contractor inspection's record, the silt curtain was in proper condition.</p> <p>Remarks / Other Obs: In view that the silt screen was in proper condition and no dredging work was conducted on that day. The exceedance was possibly to be caused from the accumulation of particles discharged from outfalls near monitoring station and not related to Project works.</p>
X_10D171	6-Nov-12	Mid-Ebb	Ex-WPCWA SE	Middle	DO(mg/l)	3.97	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 6 Nov 2012.</p> <p>Remarks / Other Obs: In view that there was no marine activities at ex-WPCWA, it was considered not related to Project works.</p>
X_10D172	8-Nov-12	Mid-Flood	Ex-WPCWA SE	Surface	DO(mg/l)	4.03	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 8 Nov 2012.</p> <p>Remarks / Other Obs: In view that there was no marine activities at ex-WPCWA, it was considered not related to Project works.</p>



Ref no.	Date	Tidal	Location	Depth	Parameters (Unit)	Measured	Action Level	Limit Level	Follow-up action
X_10D173	8-Nov-12	Mid-Flood	Ex-WPCWA SW	Bottom	DO(mg/l)	4.20	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 8 Nov 2012.</p> <p>Remarks / Other Obs: In view that there was no marine activities at ex-WPCWA, it was considered not related to Project works.</p>
X_10D174	8-Nov-12	Mid-Flood	Ex-WPCWA SE	Bottom	DO(mg/l)	4.05	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 8 Nov 2012.</p> <p>Remarks / Other Obs: In view that there was no marine activities at ex-WPCWA, it was considered not related to Project works.</p>
X_10D175	10-Nov-12	Mid-Flood	Ex-WPCWA SW	Middle	DO(mg/l)	3.04	3.84	3.73	<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 10 Nov 2012.</p> <p>Remarks / Other Obs: In view that there was no marine activities at ex-WPCWA, it was considered not related to Project works.</p>
X_10D176	10-Nov-12	Mid-Flood	Ex-WPCWA SE	Middle	DO(mg/l)	2.89	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 10 Nov 2012.</p> <p>Remarks / Other Obs: In view that there was no marine activities at ex-WPCWA, it was considered not related to Project works.</p>
X_10D177	10-Nov-12	Mid-Ebb	Ex-WPCWA SE	Middle	DO(mg/l)	3.78	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 10 Nov 2012.</p> <p>Remarks / Other Obs: In view that there was no marine activities at ex-WPCWA, it was considered not related to Project works.</p>
X_10D178	14-Nov-12	Mid-Ebb	Ex-WPCWA SE	Surface	DO(mg/l)	3.39	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 14 Nov 2012.</p> <p>Remarks / Other Obs: In view that there was no marine activities at ex-WPCWA, it was considered not related to Project works.</p>
X_10D179	14-Nov-12	Mid-Ebb	Ex-WPCWA SE	Bottom	DO(mg/l)	2.96	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 14 Nov 2012.</p> <p>Remarks / Other Obs: In view that there was no marine activities at ex-WPCWA, it was considered not related to Project works.</p>



Ref no.	Date	Tidal	Location	Depth	Parameters (Unit)	Measured	Action Level	Limit Level	Follow-up action
X_10D180	12-Nov-12	Mid-Flood	Ex-WPCWA SW	Surface	DO(mg/l)	3.59	3.84	3.73	<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 12 Nov 2012.</p> <p>Remarks / Other Obs: In view that there was no marine activities at ex-WPCWA, it was considered not related to Project works.</p>
X_10D181	12-Nov-12	Mid-Flood	Ex-WPCWA SE	Surface	DO(mg/l)	3.75	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 12 Nov 2012.</p> <p>Remarks / Other Obs: In view that there was no marine activities at ex-WPCWA, it was considered not related to Project works.</p>
X_10D182	12-Nov-12	Mid-Flood	Ex-WPCWA SW	Bottom	DO(mg/l)	3.70	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 12 Nov 2012.</p> <p>Remarks / Other Obs: In view that there was no marine activities at ex-WPCWA, it was considered not related to Project works.</p>
X_10D183	12-Nov-12	Mid-Flood	Ex-WPCWA SE	Bottom	DO(mg/l)	3.66	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 12 Nov 2012.</p> <p>Remarks / Other Obs: In view that there was no marine activities at ex-WPCWA, it was considered not related to Project works.</p>
X_10D184	14-Nov-12	Mid-Ebb	Ex-WPCWA SW	Surface	DO(mg/l)	3.21	3.84	3.73	<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 14 Nov 2012.</p> <p>Remarks / Other Obs: In view that there was no marine activities at ex-WPCWA, it was considered not related to Project works.</p>
X_10D185	14-Nov-12	Mid-Ebb	Ex-WPCWA SW	Bottom	DO(mg/l)	3.06	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 14 Nov 2012.</p> <p>Remarks / Other Obs: In view that there was no marine activities at ex-WPCWA, it was considered not related to Project works.</p>



Ref no.	Date	Tidal	Location	Depth	Parameters (Unit)	Measured	Action Level	Limit Level	Follow-up action
X_10D186	19-Nov-12	Mid-Ebb	Ex-WPCWA SE	Middle	DO(mg/l)	3.91	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 19 Nov 2012.</p> <p>Remarks / Other Obs: In view that there was no marine activities at ex-WPCWA, it was considered not related to Project works.</p>
X_10D187	22-Nov-12	Mid-Ebb	Ex-WPCWA SE	Middle	DO(mg/l)	3.98	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 19 Nov 2012.</p> <p>Remarks / Other Obs: In view that there was no marine activities at ex-WPCWA, it was considered not related to Project works.</p>
X_10D188	22-Nov-12	Mid-Flood	Ex-WPCWA SW	Surface	DO(mg/l)	2.66	3.84	3.73	<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 19 Nov 2012.</p> <p>Remarks / Other Obs: In view that there was no marine activities at ex-WPCWA, it was considered not related to Project works.</p>
X_10D189	22-Nov-12	Mid-Flood	C7	Middle	DO(mg/l)	3.00	3.87	3.09	<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. No odour nuisance was noted during monitoring. Checking with contractor's works on 22 Nov, TS2 reclamation was conducted on that day.</p> <p>Remarks / Other Obs: Checking with contractor's inspection record, the silt screen and silt curtain were in proper condition on that day. No further DO exceedance was recorded in the next consecutive monitoring. In view that the water quality at monitoring stations located nearest the marine work site were well below the Action level and the silt curtains for filling works were in proper condition and no odour was detected during monitoring, it was considered not related to Project works.</p>
X_10D190	22-Nov-12	Mid-Flood	Ex-WPCWA SE	Middle	DO(mg/l)	2.95	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 22 Nov 2012.</p> <p>Remarks / Other Obs: In view that there was no marine activities at ex-WPCWA, it was considered not related to Project works.</p>
X_10D191	22-Nov-12	Mid-Flood	Ex-WPCWA SW	Bottom	DO(mg/l)	2.99	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 22 Nov 2012.</p> <p>Remarks / Other Obs: In view that there was no marine activities at ex-WPCWA, it was considered not related to Project works.</p>
X_10D192	24-Nov-12	Mid-Flood	Ex-WPCWA SE	Middle	DO(mg/l)	4.17	4.26	3.61	<p>Possible reason: Possible in relation to the accumulation of organic particles discharged</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 24 Nov 2012.</p> <p>Remarks / Other Obs: In view that there was no marine activities at ex-WPCWA, it was considered not related to Project works.</p>
X_10D193	26-Nov-12	Mid-Flood	Ex-WPCWA SE	Middle	DO(mg/l)	3.78	4.26	3.61	<p>Possible reason: Possible in relation to the accumulation of organic particles discharged</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 26 Nov 2012.</p> <p>Remarks / Other Obs: In view that there was no marine activities at ex-WPCWA, it was considered not related to Project works.</p>