



Ref. No.	Date	Time	Location	Measured TSP Level	Unit	Action Level	Limit Level	Follow-up action
X_15A022	24-Sep-15	8:00	CMA1b - Oil Street Site Office	222.5	24hr TSP (ug/m ³)	176.7	260	<p>Possible reason: Elevated TSP level in relate to local ambient condition around monitoring station</p> <p>Action taken / to be taken: Reviewed the trend of air quality measurement across monitoring stations. Analysis of Contractor's working procedures.</p> <p>Remarks / Other Obs: No construction activity was undertaken on the monitoring date at around Oil Street under Contractor of HY/2009/19, regular dust suppression measure including watering for haul road was implemented condition and the condition of haul road was observed be generally satisfactory during sample collection. In view of the above, the exceedance was considered to be non-project related and contributed by local ambient condition. Nevertheless, the Contractor was reminded to maintain regularly dust suppression measures for any potential dusty surface and dust generating operation around the concerned location to avoid any potential cumulative air quality impact.</p>



Ref no.	Date	Tidal	Location	Parameters (Unit)	Measured	Action Level	Limit Level	Follow-up action
X_W5198	2-Sep-15	Mid-flood	WSD19	DO(mg/l)	4.96	3.17	2.63	Possible reason: Natural variation or changes of water quality in the vicinity of water quality monitoring station.
				Turbidity	13.46	10.01	11.54	Action taken/ to be taken: Immediate repeated in-situ measurement to confirm the exceedances. Checking with Contractor works and review previous monitoring data.
				SS	9.00	16.26	19.74	Remarks/ Other Obs: Despite loading of sorted public fill from barge to land and placing of levelling stones were conducted under contract HK/2012/08 on the monitoring date. Contractor mitigation measures including the use of silt curtain was generally in place. Silt screen maintenance has implemented properly under Contract HK/2009/01. In view of the above and no exceedance on the subsequent monitoring, it was considered that the exceedance was not project related.
X_W5198	4-Sep-15	Mid-flood	RW21-P789	DO(mg/l)	4.11	3.17	2.63	Possible reason: Natural variation or changes of water quality in the vicinity of water quality monitoring station.
				Turbidity	12.83	10.01	11.54	Action taken/ to be taken: Immediate repeated in-situ measurement to confirm the exceedances. Checking with Contractor works and review previous monitoring data.
				SS	11.00	16.26	19.74	Remarks/ Other Obs: Despite loading of C&D materials at Portion 3 & 4 was conducted under contract HK/2009/02 on the monitoring date. Contractor mitigation measures including the provision of tarpaulin sheet was generally in place. Silt screen at monitoring station was generally in order. In view of the above and no exceedance on the subsequent monitoring, it was considered that the exceedance was not project related.
X_W5198	4-Sep-15	Mid-ebb	WSD19	DO(mg/l)	3.92	3.17	2.63	Possible reason: Natural variation or changes of water quality in the vicinity of water quality monitoring station.
				Turbidity	18.74	10.01	11.54	Action taken/ to be taken: Immediate repeated in-situ measurement to confirm the exceedances. Checking with Contractor works and review previous monitoring data.
				SS	6.50	16.26	19.74	Remarks/ Other Obs: Despite placing of seawall blocks was conducted under contract HK/2012/08 on the monitoring date. Contractor mitigation measures including the use of silt curtain was generally in place. Silt screen maintenance has implemented properly under Contract HK/2009/01. In view of the construction area was located at the downstream of WSD19 monitoring station and no exceedance on the subsequent monitoring, it was considered that the exceedance was not project related.
X_W5198	7-Sep-15	Mid-ebb	WSD19	DO(mg/l)	4.09	3.17	2.63	Possible reason: Natural variation or changes of water quality in the vicinity of water quality monitoring station.
				Turbidity	10.8	10.01	11.54	Action taken/ to be taken: Immediate repeated in-situ measurement to confirm the exceedances. Checking with Contractor works and review previous monitoring data.
				SS	4.00	16.26	19.74	Remarks/ Other Obs: Despite placing of levelling stones was conducted under contract HK/2012/08 on the monitoring date. Contractor mitigation measures including the use of silt curtain was generally in place. Silt screen maintenance has implemented properly under Contract HK/2009/01. In view of the construction area was located at the downstream of WSD19 monitoring station, it was considered that the exceedance was not project related.



Ref no.	Date	Tidal	Location	Parameters (Unit)	Measured	Action Level	Limit Level	Follow-up action
X_W5198	7-Sep-15	Mid-flood	WSD19	DO(mg/l)	4.57	3.17	2.63	Possible reason: Natural variation or changes of water quality in the vicinity of water quality monitoring station.
				Turbidity	15.2	10.01	11.54	Action taken/ to be taken: Immediate repeated in-situ measurement to confirm the exceedances. Checking with Contractor works and review previous monitoring data.
				SS	18.50	16.26	19.74	Remarks/ Other Obs: Despite placing of levelling stones was conducted under contract HK/2012/08 on the monitoring date. Contractor mitigation measures including the use of silt curtain was generally in place. Silt screen maintenance has implemented properly under Contract HK/2009/01. In view of the above and no exceedance on the subsequent monitoring, it was considered that the exceedance was not project related.
X_W5198	11-Sep-15	Mid-ebb	RW21-P789	DO(mg/l)	4.58	3.17	2.63	Possible reason: Natural variation or changes of water quality in the vicinity of water quality monitoring station.
				Turbidity	12.91	10.01	11.54	Action taken/ to be taken: Immediate repeated in-situ measurement to confirm the exceedances. Checking with Contractor works and review previous monitoring data.
				SS	12.00	16.26	19.74	Remarks/ Other Obs: Despite loading of C&D materials at Portion 3 & 4 was conducted under contract HK/2009/02 on the monitoring date. Contractor mitigation measures including the provision of tarpaulin sheet was generally in place. Silt screen at monitoring station was generally in order. In view of the above and no exceedance on the subsequent monitoring, it was considered that the exceedance was not project related.
X_W5198	14-Sep-15	Mid-ebb	WSD19	DO(mg/l)	4.07	3.17	2.63	Possible reason: Natural variation or changes of water quality in the vicinity of water quality monitoring station.
				Turbidity	21.45	10.01	11.54	Action taken/ to be taken: Immediate repeated in-situ measurement to confirm the exceedances. Checking with Contractor works and review previous monitoring data.
				SS	14.50	16.26	19.74	Remarks/ Other Obs: No marine activity was conducted under contract HK/2012/08 on the monitoring date. Silt screen maintenance has implemented properly under Contract HK/2009/01. In view of no marine activity conducted, it was considered that the exceedance was not project related.
X_W5198	14-Sep-15	Mid-flood	WSD19	DO(mg/l)	5.46	3.17	2.63	Possible reason: Natural variation or changes of water quality in the vicinity of water quality monitoring station.
				Turbidity	10.65	10.01	11.54	Action taken/ to be taken: Immediate repeated in-situ measurement to confirm the exceedances. Checking with Contractor works and review previous monitoring data.
				SS	9.50	16.26	19.74	Remarks/ Other Obs: No marine activity was conducted under contract HK/2012/08 on the monitoring date. Silt screen maintenance has implemented properly under Contract HK/2009/01. In view of no marine activity conducted and no exceedance on the subsequent monitoring, it was considered that the exceedance was not project related.



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Ref no.	Date	Tidal	Location	Parameters (Unit)	Measured	Action Level	Limit Level	Follow-up action
X_W5198	16-Sep-15	Mid-flood	WSD19	DO(mg/l)	4.98	3.17	2.63	Possible reason: Natural variation or changes of water quality in the vicinity of water quality monitoring station.
				Turbidity	12.25	10.01	11.54	Action taken/ to be taken: Immediate repeated in-situ measurement to confirm the exceedances. Checking with Contractor works and review previous monitoring data.
				SS	11.00	16.26	19.74	Remarks/ Other Obs: Despite placing of seawall blocks was conducted under contract HK/2012/08 on the monitoring date. Contractor mitigation measures including the use of silt curtain was generally in place. In view of the above and no exceedance on the subsequent monitoring, it was considered that the exceedance was not project related.



Ref no.	Date	Tidal	Location	Depth	Parameters (Unit)	Measured	Action Level	Limit Level	Follow-up action
X_10D533	29-Aug-15	Mid-ebb	Ex-WPCWA SE	Middle	DO(mg/l)	3.03	3.55	3.00	<p>Possible reason:</p> <p>Possible in relation to the upstream organic discharge.</p> <p>Action taken/ to be taken:</p> <p>Repeated the measurement to confirm the result. No odour nuisance was noted during the DO monitoring. Checking with contractor works and review previous monitoring data.</p> <p>Remarks/ Other Obs:</p> <p>Despite excavated mud transshipment was conducted at Ex-WPCWA on the monitoring date, the construction works conducted was generally in order with provision of tarpaulin sheet and while upstream discharge from nearby culvert was observed. In view of no dredging or reclamation works activity was conducted, the exceedance was considered not related to the Project works.</p>
X_10D534	29-Aug-15	Mid-flood	Ex-WPCWA SE	Middle	DO(mg/l)	2.67	3.55	3.00	<p>Possible reason:</p> <p>Possible in relation to the upstream organic discharge.</p> <p>Action taken/ to be taken:</p> <p>Repeated the measurement to confirm the result. No odour nuisance was noted during the DO monitoring. Checking with contractor works and review previous monitoring data.</p> <p>Remarks/ Other Obs:</p> <p>Despite excavated mud transshipment was conducted at Ex-WPCWA on the monitoring date, the construction works conducted was generally in order with provision of tarpaulin sheet and while upstream discharge from nearby culvert was observed. In view of no dredging or reclamation works activity was conducted and no exceedance was recorded on the subsequent monitoring, the exceedance was considered not related to the Project works.</p>
X_10D535	29-Aug-15	Mid-flood	Ex-WPCWA SW	Middle	DO(mg/l)	2.43	3.19	3.10	<p>Possible reason:</p> <p>Possible in relation to the upstream organic discharge.</p> <p>Action taken/ to be taken:</p> <p>Repeated the measurement to confirm the result. No odour nuisance was noted during the DO monitoring. Checking with contractor works and review previous monitoring data.</p> <p>Remarks/ Other Obs:</p> <p>Despite excavated mud transshipment was conducted at Ex-WPCWA on the monitoring date, the construction works conducted was generally in order with provision of tarpaulin sheet and while upstream discharge from nearby culvert was observed. In view of no dredging or reclamation works activity was conducted and no exceedance was recorded on the subsequent monitoring, the exceedance was considered not related to the Project works.</p>
X_10D536	31-Aug-15	Mid-flood	Ex-WPCWA SW	Middle	DO(mg/l)	2.69	3.19	3.10	<p>Possible reason:</p> <p>Possible in relation to the upstream organic discharge.</p> <p>Action taken/ to be taken:</p> <p>Repeated the measurement to confirm the result. No odour nuisance was noted during the DO monitoring. Checking with contractor works and review previous monitoring data.</p> <p>Remarks/ Other Obs:</p> <p>Despite rock filling works for the function of vertical seawall at East side of TPCWAE was conducted on the monitoring date, the construction works conducted was generally in order while upstream discharge from nearby culvert was observed. In view of no exceedance was recorded on the subsequent monitoring, the exceedance was considered not related to the Project works.</p>



Ref no.	Date	Tidal	Location	Depth	Parameters (Unit)	Measured	Action Level	Limit Level	Follow-up action
X_10D537	31-Aug-15	Mid-ebb	C6	Middle	DO(mg/l)	2.59	2.60	2.00	<p>Possible reason: Possible in relation to the upstream organic discharge.</p> <p>Action taken/ to be taken: Repeated the measurement to confirm the result. No odour nuisance was noted during the DO monitoring. Checking with contractor works and review previous monitoring data.</p> <p>Remarks/ Other Obs: No marine works was conducted under Contract HY/2010/08 on the monitoring date, and despite rock filling works for the function of vertical seawall at East side of TPCWAE was conducted under Contract HY/2009/15 on the monitoring date, the construction works conducted was generally in order. In view of no exceedance was recorded on the subsequent monitoring, the exceedance was considered not related to the Project works.</p>
X_10D538	4-Sep-15	Mid-flood	Ex-WPCWA SW	Middle	DO(mg/l)	2.49	3.19	3.10	<p>Possible reason: Possible in relation to the upstream organic discharge.</p> <p>Action taken/ to be taken: Repeated the measurement to confirm the result. No odour nuisance was noted during the DO monitoring. Checking with contractor works and review previous monitoring data.</p> <p>Remarks/ Other Obs: Despite seawall reinstatement work was conducted at eastern of Ex-WPCWA on the monitoring date, contractor mitigation measures including the use of silt curtain was generally in order while upstream discharge from nearby culvert was observed. In view of no exceedance was recorded on the subsequent monitoring, the exceedance was considered not related to Project works.</p>
X_10D539	7-Sep-15	Mid-ebb	Ex-WPCWA SW	Middle	DO(mg/l)	3.18	3.19	3.10	<p>Possible reason: Possible in relation to the upstream organic discharge.</p> <p>Action taken/ to be taken: Repeated the measurement to confirm the result. No odour nuisance was noted during the DO monitoring. Checking with contractor works and review previous monitoring data.</p> <p>Remarks/ Other Obs: Despite seawall reinstatement work was conducted at eastern of Ex-WPCWA on the monitoring date, Contractor mitigation measures including the use of silt curtain was generally in order while upstream discharge from nearby culvert was observed. In view of no dredging or reclamation works activity was conducted and the construction works was conducted according, the exceedance was considered not related to Project works. Nevertheless, Contractor was reminded to ensure sufficient water circulation to eliminate any potential effect to the water quality within the area.</p>
X_10D540	7-Sep-15	Mid-flood	Ex-WPCWA SW	Middle	DO(mg/l)	2.75	3.19	3.10	<p>Possible reason: Possible in relation to the upstream organic discharge.</p> <p>Action taken/ to be taken: Repeated the measurement to confirm the result. No odour nuisance was noted during the DO monitoring. Checking with contractor works and review previous monitoring data.</p> <p>Remarks/ Other Obs: Despite seawall reinstatement work was conducted at eastern of Ex-WPCWA on the monitoring date, Contractor mitigation measures including the use of silt curtain was generally in order while upstream discharge from nearby culvert was observed. In view of no dredging or reclamation works activity was conducted and the construction works was conducted according, the exceedance was considered not related to Project works. Nevertheless, Contractor was reminded to ensure sufficient water circulation to eliminate any potential effect to the water quality within the area.</p>



Ref no.	Date	Tidal	Location	Depth	Parameters (Unit)	Measured	Action Level	Limit Level	Follow-up action
X_10D541	9-Sep-15	Mid-ebb	Ex-WPCWA SW	Middle	DO(mg/l)	3.14	3.19	3.10	<p>Possible reason: Possible in relation to the upstream organic discharge.</p> <p>Action taken/ to be taken: Repeated the measurement to confirm the result. No odour nuisance was noted during the DO monitoring. Checking with contractor works and review previous monitoring data.</p> <p>Remarks/ Other Obs: Despite seawall reinstatement work was conducted at eastern of Ex-WPCWA on the monitoring date, Contractor mitigation measures including the use of silt curtain was generally in order while upstream discharge from nearby culvert was observed. In view of no dredging or reclamation works activity was conducted and the construction works was conducted according, the exceedance was considered not related to Project works. Nevertheless, Contractor was reminded to ensure sufficient water circulation to eliminate any potential effect to the water quality within the area.</p>
X_10D542	9-Sep-15	Mid-flood	Ex-WPCWA SW	Middle	DO(mg/l)	2.87	3.19	3.10	<p>Possible reason: Possible in relation to the upstream organic discharge.</p> <p>Action taken/ to be taken: Repeated the measurement to confirm the result. No odour nuisance was noted during the DO monitoring. Checking with contractor works and review previous monitoring data.</p> <p>Remarks/ Other Obs: Despite seawall reinstatement work was conducted at eastern of Ex-WPCWA on the monitoring date, Contractor mitigation measures including the use of silt curtain was generally in order while upstream discharge from nearby culvert was observed. In view of no dredging or reclamation works activity was conducted and the construction works was conducted according and no exceedance was recorded on the subsequent monitoring, the exceedance was considered not related to Project works. Nevertheless, Contractor was reminded to ensure sufficient water circulation to eliminate any potential effect to the</p>
X_10D543	16-Sep-15	Mid-ebb	Ex-WPCWA SW	Middle	DO(mg/l)	2.89	3.19	3.10	<p>Possible reason: Possible in relation to the upstream organic discharge.</p> <p>Action taken/ to be taken: Repeated the measurement to confirm the result. No odour nuisance was noted during the DO monitoring. Checking with contractor works and review previous monitoring data.</p> <p>Remarks/ Other Obs: Despite seawall reinstatement work was conducted at eastern of Ex-WPCWA on the monitoring date, Contractor mitigation measures including the use of silt curtain was generally in order while upstream discharge from nearby culvert was observed. In view of no dredging or reclamation works activity was conducted and the construction works was conducted according and no exceedance was recorded on the subsequent monitoring, the exceedance was considered not related to Project works.</p>
X_10D544	18-Sep-15	Mid-ebb	Ex-WPCAWA SW	Middle	DO(mg/l)	2.61	3.19	3.10	<p>Possible reason: Possible in relation to the upstream organic discharge.</p> <p>Action taken/ to be taken: Repeated the measurement to confirm the result. No odour nuisance was noted during the DO monitoring. Checking with contractor works and review previous monitoring data.</p> <p>Remarks/ Other Obs: Despite seawall reinstatement work was conducted at eastern of Ex-WPCWA on the monitoring date, Contractor mitigation measures including the use of silt curtain was generally in order while upstream discharge from nearby culvert was observed. In view of no dredging or reclamation works activity was conducted and the construction works was conducted according and no exceedance was recorded on the subsequent monitoring, the exceedance was considered not related to Project works.</p>



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X_10D545	24-Sep-15	Mid-flood	Ex-WPCWA SW	Middle	DO(mg/l)	3.10	3.19	3.10	<p>Possible reason: Possible in relation to the upstream organic discharge.</p> <p>Action taken/ to be taken: Repeated the measurement to confirm the result. No odour nuisance was noted during the DO monitoring. Checking with contractor works and review previous monitoring data.</p> <p>Remarks/ Other Obs: No marine activity was conducted at Ex-WPCWA on the monitoring date. Upstream discharge from nearby culvert was observed. In view of no marine activity was conducted, the exceedance was considered not related to the Project works.</p>
X_10D546	26-Sep-15	Mid-ebb	Ex-WPCWA SW	Middle	DO(mg/l)	1.76	3.19	3.10	<p>Possible reason: Possible in relation to the upstream organic discharge.</p> <p>Action taken/ to be taken: Repeated the measurement to confirm the result. No odour nuisance was noted during the DO monitoring. Checking with contractor works and review previous monitoring data.</p> <p>Remarks/ Other Obs: No marine activity was conducted at Ex-WPCWA on the monitoring date. Upstream discharge from nearby culvert was observed. In view of no marine activity was conducted and no exceedance was recorded on the subsequent monitoring, the exceedance was considered not related to the Project works. The DO level at concerned location was subsequently resumed on 28 September 2015 during ebb tide.</p>



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Ref no.	Date	Tidal	Location	Parameters (Unit)	Measured	Action Level	Limit Level	Follow-up action	
X_10C632	14-Sep-15	Mid-flood	C7	DO(mg/l)	4.71	3.02	2.44	Possible reason:	Natural variation or changes of water quality in the vicinity of water abstraction location for the water quality monitoring station.
				Turbidity	15.31	11.35	12.71	Action taken/ to be taken:	Immediate repeated in-situ measurement had conducted to confirm the exceedances. Checking with contractor works and review previous monitoring data.
				SS	6.00	18.42	27.54	Remarks/ Other Obs:	No marine work was conducted in the vicinity of the water quality monitoring station under Contract HY/2009/15 and Contract HY/2010/08 on the monitoring date. In view of no marine activity was conducted on the monitoring date and no exceedance was recorded in subsequence monitoring, the exceedance was considered not related to Project.
X_10C633	18-Sep-15	Mid-flood	C7	DO(mg/l)	5.00	3.02	2.44	Possible reason:	Natural variation or changes of water quality in the vicinity of water abstraction location for the water quality monitoring station.
				Turbidity	22.52	11.35	12.71	Action taken/ to be taken:	Immediate repeated in-situ measurement had conducted to confirm the exceedances. Checking with contractor works and review previous monitoring data.
				SS	15.00	18.42	27.54	Remarks/ Other Obs:	No marine work was conducted in the vicinity of the water quality monitoring station under Contract HY/2009/15 and Contract HY/2010/08 on the monitoring date. In view of no marine activity was conducted on the monitoring date and no exceedance was recorded in subsequence monitoring, the exceedance was considered not related to Project.



Ref. No.	Date	Time	Location	Measured TSP Level	Unit	Action Level	Limit Level	Follow-up action
X_15A023	24-Sep-15	8:00	CMA1b - Oil Street Site Office	222.5	24hr TSP (ug/m ³)	176.7	260	<p>Possible reason: Elevated TSP level in relate to local ambient condition around monitoring station</p> <p>Action taken / to be taken: Reviewed the trend of air quality measurement across monitoring stations. Analysis of contractor's working procedures.</p> <p>Remarks / Other Obs: Thermal barrier preparation works within a section tunnel area with no considerable dust impact to the area outside of the tunnel section was conducted under the Contract of HY/2011/08 on the monitoring date while no exceedance was recorded at other monitoring station on the same date at location nearer to the tunnel opening. In view of the above, the exceedance was considered not related to the Project and contributed by local ambient condition. Nevertheless, the Contractor was reminded to maintain the regularly dust suppression measures for any dust generating operation above ground around the concerned location to avoid any potential cumulative air quality impact.</p>