



Lam Geotechnics Limited

Contract No. HK/2011/07
Wanchai Development Phase II and Central Wanchai Bypass
Samolung. Field Measurement and Testing Work (Stage2)
Summary for Notification of Exceedance

Ref no.	Date	Tidal	Location	Parameters (Unit)	Measured	Action Level	Limit Level	Follow-up action
X_W5190	7-Mar-15	Mid-ebb	WSD19	DO(mg/l)	6.28	3.66	3.28	Possible reason: Natural variation or changes of water quality in the vicinity of water quality monitoring station.
				Turbidity	8.17	8.04	9.49	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	13.00	14.43	Remarks/ Other Obs: Despite transfer of soil from land to barge 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 at monitoring station was generally in order. In view of the construction area was located at the downstream of WSD19 monitoring station and no exceedance was recorded in the subsequent monitoring, it was considered that the exceedance was not project related.
X_W5191	11-Mar-15	Mid-flood	RW21-P789	DO(mg/l)	6.07	3.66	3.28	Possible reason: Natural variation or changes of water quality in the vicinity of water quality monitoring station.
				Turbidity	8.15	8.04	9.49	Action taken/ to be taken: Immediate repeated in-situ measurement to confirm the exceedances. Checking with Contractor works and review previous monitoring data.
				SS	7.50	13.00	14.43	Remarks/ Other Obs: No marine construction activity was conducted under contract HK/2009/02 on the monitoring date. Silt curtain at monitoring station was generally in order. In view of no marine activities conducted on the monitoring date and the exceedance was not continuous, it was considered that the exceedance was not project related.
X_W5192	11-Mar-15	Mid-ebb	WSD19	DO(mg/l)	6.45	3.66	3.28	Possible reason: Natural variation or changes of water quality in the vicinity of water quality monitoring station.
				Turbidity	9.89	8.04	9.49	Action taken/ to be taken: Immediate repeated in-situ measurement to confirm the exceedances. Checking with Contractor works and review previous monitoring data.
				SS	7.00	13.00	14.43	Remarks/ Other Obs: Despite transfer of soil from land to barge 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 at monitoring station was generally in order. In view of the construction area was located at the downstream of WSD19 monitoring station and no exceedance was recorded in the subsequent monitoring, it was considered that the exceedance was not project related.
X_W5193	13-Mar-15	Mid-ebb	WSD19	DO(mg/l)	6.08	3.66	3.28	Possible reason: Natural variation or changes of water quality in the vicinity of water quality monitoring station.
				Turbidity	11.15	8.04	9.49	Action taken/ to be taken: Immediate repeated in-situ measurement to confirm the exceedances. Checking with Contractor works and review previous monitoring data.
				SS	13.00	13.00	14.43	Remarks/ Other Obs: Despite transfer of soil from land to barge 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 at monitoring station was generally in order. In view of the construction area was located at the downstream of WSD19 monitoring station and no exceedance was recorded in the subsequent monitoring, 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_W5194	18-Mar-15	Mid-ebb	WSD19	DO(mg/l)	5.87	3.66	3.28	Possible reason: Natural variation or changes of water quality in the vicinity of water quality monitoring station.
				Turbidity	9.66	8.04	9.49	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	13.00	14.43	Remarks/ Other Obs: No marine construction activity was conducted under contract HK/2012/08 on the monitoring date. Despite silt screen cleaning was conducted under contract HK/2009/01 during monitoring period, Contractor cleaning procedure was considered in order and away from the intake location and was considered not contributing the turbidity exceedance. In view of no exceedance was recorded in the subsequent monitoring, it was considered that the exceedance was not project related.
X_W5195	18-Mar-15	Mid-flood	RW21-P789	DO(mg/l)	6.11	3.66	3.28	Possible reason: Natural variation or changes of water quality in the vicinity of water quality monitoring station.
				Turbidity	8.92	8.04	9.49	Action taken/ to be taken: Immediate repeated in-situ measurement to confirm the exceedances. Checking with Contractor works and review previous monitoring data.
				SS	5.50	13.00	14.43	Remarks/ Other Obs: No marine construction activity was conducted under contract HK/2009/02 on the monitoring date. Silt curtain at monitoring station was generally in order. In view of no marine activities conducted on the monitoring date and the exceedance was not continuous, it was considered that the exceedance was not project related.
X_W5196	20-Mar-15	Mid-flood	WSD19	DO(mg/l)	4.54	3.66	3.28	Possible reason: Natural variation or changes of water quality in the vicinity of water quality monitoring station.
				Turbidity	10.01	8.04	9.49	Action taken/ to be taken: Immediate repeated in-situ measurement to confirm the exceedances. Checking with Contractor works and review previous monitoring data.
				SS	7.50	13.00	14.43	Remarks/ Other Obs: Despite removal of rock armour 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 at monitoring station was generally in order. In view of the exceedance was not continuous, it was considered that the exceedance was not project related.
X_W5197	23-Mar-15	Mid-ebb	WSD19	DO(mg/l)	5.31	3.66	3.28	Possible reason: Natural variation or changes of water quality in the vicinity of water quality monitoring station.
				Turbidity	9.08	8.04	9.49	Action taken/ to be taken: Immediate repeated in-situ measurement to confirm the exceedances. Checking with Contractor works and review previous monitoring data.
				SS	13.00	13.00	14.43	Remarks/ Other Obs: Despite transfer of soil from land to barge 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 at monitoring station was generally in order. In view of the construction area was located at the downstream of WSD19 monitoring station and no exceedance was recorded in the subsequent monitoring, it was considered that the exceedance was not project related.