



Ref no.	Date	Location	Parameters (Unit)	Measured	Action Level	Limit Level	Follow-up action
X_18RIW2_039	10-Oct-19	F	Turbidity (NTU)	51.5	24.4	32.7	<b>Possible reason:</b> Suspected discharge of car washing runoff from site entrance was observed in the vicinity of the water quality monitoring station.
			pH	7.6	6.6-8.4	6.5-8.5	<b>Action taken/ to be taken:</b> A repeated in-situ measurement (Turbidity = 51.52 NTU) had been conducted immediately to confirm the exceedances. Checking with contractor for the construction activities conducted on 10 October 2019. Increased the monitoring frequency to daily on 11 October 2019, no exceedance was recorded. For suspended solid, no exceedance was recorded on 12 October 2019. Data sheet are attached for reference.
			SS (mg/L)	41.7	17.0	23.8	
			DO(mg/l)	7.4	5.8	5.5	<b>Remarks/ Other Observations:</b> Milky water condition was observed at monitoring station F during water quality monitoring. Site clearance, slope works and soil nail were commenced at RIW2 construction site area under Contract No. NE/2017/03 on 10 October 2019, runoff of car washing water was observed discharging into the gullies opposite to the site entrance during monitoring. Low suspended solid results were also recorded at station AC2 (6.1 mg/L) and station AC3 (2.9 mg/L). In view of the above, it is considered that the discharge from car washing may have contribution on the exceedance and the exceedance was related to Project works at RIW2
X_18RIW2_040	16-Oct-19	F	Turbidity (NTU)	44.5	24.4	32.7	<b>Possible reason:</b> Natural variation in water quality or due to rainy weather on 14 and 15 October 2019 in the vicinity of the water quality monitoring station.
			pH	7.5	6.6-8.4	6.5-8.5	<b>Action taken/ to be taken:</b> A repeated in-situ measurement (Turbidity =44.70 NTU) had been conducted immediately to confirm the exceedances. Checking with contractor for the construction activities conducted on 16 October 2019. Increased the monitoring frequency to daily on 17 October 2019, no exceedance was recorded. For suspended solid, no exceedance was recorded on 18 October 2019. Data sheet are attached for reference.
			SS (mg/L)	48.0	17.0	23.8	
			DO(mg/l)	8.0	5.8	5.5	<b>Remarks/ Other Observations:</b> Slightly milky water condition was observed at monitoring station F during water quality monitoring. Site clearance, slope works and soil nail were commenced at RIW2 construction site area under Contract No. NE/2017/03 on 16 October 2019, however, no surface runoff and no effluent discharge from construction works area into the concerned waterbody was observed during monitoring. Although low suspended solid results were recorded at station E (2.3 mg/L), station AC2 (2.8 mg/L) and station AC3 (2.4 mg/L), it is considered that there were no evidence to suggest the exceedances were related to Project works at RIW2



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X_18RIW2_041	25-Oct-19	I	Turbidity (NTU)	>1000	206.9	214.2	<b>Possible reason:</b> Abnormal discharge from contribution from other drainages possibly connected to the station.
			pH	7.9	6.6-8.4	6.5-8.5	
			SS (mg/L)	2845.0	172.8	201.4	<b>Action taken/ to be taken:</b> A repeated in-situ measurement (turbidity = >1000) had been conducted immediately to confirm the exceedances. Checking with contractor for the construction activities conducted on 25 October 2019. Increased the monitoring frequency to daily on 26 October 2019, no exceedance was recorded. For suspended solid, no exceedance was recorded on 28 October 2019. Data sheet are attached for reference.
			DO(mg/l)	6.1	5.8	5.5	
							<b>Remarks/ Other Observations:</b> Muddy water was observed at monitoring station I during water quality monitoring. Survey, pre-drill, rock slope excavation and installation of safety fence were commenced at RIW3 construction site area under Contract No. NE/2017/03 on 25 September 2019, however, no surface runoff and no effluent discharge from construction works area into the concerned waterbody was observed during monitoring and afterward daily monitoring. No abnormal condition was observed at station H, upstream reference station at Ma Yau Tong, turbidity (34.0 NTU) and suspended solid results (25.2 mg/L) were recorded. In view of the above, it is considered that there were no evidence to suggest the exceedances were related to Project works at RIW3