



Ref. No.	Date	Time	Location	Construction Noise Level, dB(A)	Parameter	Action Level	Limit Level dB(A)	Follow-up action
X_N004	11-Jun-20	15:48	NMC05 - G/F, Hong Wah Court Block B Yee Hong House	80	Leq(30-min)	when one documented complaint was received.	75	<p>Possible reason: Drilling works without coverage of noise barrier at the slope of Lin Tak Road</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. Additional monitoring was conducted on 12 June 2020 and exceedance of limit level was still recorded, 81 dB(A), therefore, follow-up monitoring has been conducted on 12 June 2020 and no further exceedance was recorded.</p> <p>Remarks / Other Obs: Rock slope excavation works, mini pile and ELS at RIW3 were conducted under Contract NE/2017/03 around the concerned location during the time of measurement. The drilling works at Lin Tak Road was identified as the major noise source causing the exceedance by the observation during measurement on 11 June 2020. The working area of the driller was not covering by noise barrier or other mitigation measures for minimising the construction noise. As such, the exceedance was considered as project related.</p>



Ref no.	Date	Location	Parameters (Unit)	Measured	Action Level	Limit Level	Follow-up action
X_20RIW2_056	08-Jun-20	F	Turbidity (NTU)	122.9	24.4	32.7	<p>Possible reason: Silty runoff was observed flowing into the public drainage after heavy rain. The silty runoff from the construction site at upstream would consider causing contribution.</p> <p>Action taken/ to be taken: A repeated in-situ measurement (turbidity = 123.2) had been conducted immediately to confirm the exceedances. Checking with contractor for the construction activities conducted on 8 June 2020. Increased the monitoring frequency to daily on 9 June 2020, exceedance was still recorded, 93.9NTU. According to the event and action plan of EM&A Manual, monitoring should be conducted until no exceedances were recorded for two consecutive monitoring, therefore, monitorings were also conducted on 10 and 11 June 2020 and no exceedances were recorded on both dates. For suspended solid, exceedance was still recorded on 10 June 2020 but no exceedances were found on 12 and 15 June 2020.</p> <p>Remarks/ Other Observations: The weather was rainy from 6 to 8 June 2020 and amber rainstorm warning signal was enforced on 8 June 2020. Silty water was observed at monitoring station F during water quality monitoring. RC works, soil nail, ground investigation and demolition of median island were commenced at RIW2 construction site area under Contract No. NE/2017/03 on 11 June 2020, Flooding at the site area was observed; Silty water was also observed flowing into the nearby gullies and public drainage, moreover, discharge from site was observed at Station AC3, the discharge point stated in discharge license, after heavy rain. Turbidity and suspended solid results were not high at station AC1 (12.8NTU and 20.9mg/L) and station AC2 (8.5NTU and 13.9mg/L) but high at station AC3 (110.5NTU and 268.0mg/L), although the contribution from the silty runoff from the construction site at upstream was also observed, it is still considered that the exceedances were project related.</p>
			pH	8.0	6.6-8.4	6.5-8.5	
			SS (mg/L)	260.5	17.0	23.8	
			DO(mg/l)	7.9	5.8	5.5	
X_20RIW2_057	10-Jun-20	F	Turbidity (NTU)	23.9	24.4	32.7	<p>Possible reason: Surface runoff from site area was observed flowing into the public drainage. The silty runoff from the construction site at upstream would consider causing contribution.</p> <p>Action taken/ to be taken: Checking with contractor for the construction activities conducted on 10 June 2020. No exceedance was recorded on 12 June 2020.</p> <p>Remarks/ Other Observations: Slightly milky water was observed at monitoring station F during water quality monitoring. RC works, soil nail, ground investigation and demolition of median island were commenced at RIW2 construction site area under Contract No. NE/2017/03 on 10 June 2020, surface runoff was observed leaking into nearby gullies during monitoring and construction activity from other construction site involving silty runoff at upstream was observed. Although turbidity and suspended solid results were also high at station AC1 (10.3NTU and 49.1mg/L), Station AC2 (10.9NTU and 49.5mg/L) and station AC3 (20.6NTU and 28.0mg/L), it is considered that the exceedances were project related due to the observation.</p>
			pH	8.1	6.6-8.4	6.5-8.5	
			SS (mg/L)	42.0	17.0	23.8	
			DO(mg/l)	5.8	5.8	5.5	



Ref no.	Date	Location	Parameters (Unit)	Measured	Action Level	Limit Level	Follow-up action
X_20RIW2_058	02-Jul-20	F	Turbidity (NTU)	55.6	24.4	32.7	<p>Possible reason: Silty runoff was observed flowing into the public drainage.</p> <p>Action taken/ to be taken: A repeated in-situ measurement (turbidity = 55.55) had been conducted immediately to confirm the exceedances. Checking with contractor for the construction activities conducted on 2 July 2020. Increased the monitoring frequency to daily on 3 July 2020, no further exceedance was recorded. For suspended solid, no exceedance was recorded on 4 July 2020.</p> <p>Remarks/ Other Observations: The weather was rainy from 1 to 2 July 2020. Milky water was observed at monitoring station F during water quality monitoring. RC works and demolition of median island were commenced at RIW2 construction site area under Contract No. NE/2017/03 on 2 July 2020. Silty water was observed flowing into the nearby public drainage. Turbidity and suspended solid results were not high at station E (18.2NTU and 15.4mg/L), station AC2 (12.5NTU and 67.7mg/L), the high suspended solid recorded at AC2 may due to the influence of shallow water level, and station AC3 (18.1NTU and 3.5mg/L), although the contribution from the discharge of unknown connection at station AC3 was also observed, it is still considered that the exceedances were project related.</p>
			pH	7.8	6.6-8.4	6.5-8.5	
			SS (mg/L)	33.8	17.0	23.8	
			DO(mg/l)	7.0	5.8	5.5	
X_20RIW3_059	02-Jul-20	I	Turbidity (NTU)	549.2	206.9	214.2	<p>Possible reason: Abnormal discharge and contribution from upstream was observed.</p> <p>Action taken/ to be taken: A repeated in-situ measurement (turbidity = 580.8) had been conducted immediately to confirm the exceedances. Checking with contractor for the construction activities conducted on 2 July 2020. Increased the monitoring frequency to daily on 3 July 2020, no exceedance was recorded. For suspended solid, no exceedance was recorded on 4 July 2020.</p> <p>Remarks/ Other Observations: Muddy water was observed at monitoring station I during water quality monitoring. Rock slope excavation, cleaning concrete surface and mini pile were commenced at RIW3 construction site area under Contract No. NE/2017/03 on 2 July 2020, however, no surface runoff from construction works area into the concerned waterbody was observed during monitoring. Muddy water in colour was observed at station H, upstream reference station at Ma Yau Tong, turbidity (1220.5 NTU) and suspended solid results (878.0 mg/L) were higher than the result at station I. The weather was rainy from 1 to 2 July 2020, runoff from uncertain sources may affect the water quality at both stations. In view of the above, it is considered that there were no evidence to suggest the exceedances were related to Project works at RIW3.</p>
			pH	8.3	6.6-8.4	6.5-8.5	
			SS (mg/L)	470.5	172.8	201.4	
			DO(mg/l)	7.4	5.8	5.5	