



Ref no.	Date	Location	Parameters (Unit)	Measured	Action Level	Limit Level	Follow-up action
X_20RIW2_049	03-Apr-20	F	Turbidity (NTU)	22.7	24.4	32.7	<p><b>Possible reason:</b> Natural variation in water quality due to rainy weather from 1 to 3 April 2020 in the vicinity of the water quality monitoring station.</p> <p><b>Action taken/ to be taken:</b> Checking with contractor for the construction activities conducted on 3 April 2020. Exceedance was still recorded on 6 April 2019.</p> <p><b>Remarks/ Other Observations:</b> Slightly silty water was observed at monitoring station F during water quality monitoring. Safty supervision and removal of the sheet piles were commenced at RIW2 construction site area under Contract No. NE/2017/03 on 3 April 2020, however, no surface runoff was observed discharging into nearby gullies during monitoring. The weather was rainy from 1 to 3 April 2020, the residue accumulated in dry season from unknown sources may be discharged to the surrounding rainstorm drainage through the runoff that may also affect the water quality of station F. Although, lower turbidity and suspended soild results were recorded at station AC2 (7.8NTU and 18.8mg/L) and station AC3 (18.8NTU and 1.2mg/L), it is considered that the exceedances were not related to Project works at RIW2.</p>
			pH	8.2	6.6-8.4	6.5-8.5	
			SS (mg/L)	34.1	17.0	23.8	
			DO(mg/l)	8.4	5.8	5.5	
X_20RIW2_050	06-Apr-20	F	Turbidity (NTU)	20.3	24.4	32.7	<p><b>Possible reason:</b> Natural variation in water quality due to rainy weather from 4 to 6 April 2020 in the vicinity of the water quality monitoring station.</p> <p><b>Action taken/ to be taken:</b> Checking with contractor for the construction activities conducted on 6 April 2020. No exceedance was recorded on 8 April 2019.</p> <p><b>Remarks/ Other Observations:</b> Slightly milky in colour was observed at monitoring station F during water quality monitoring. Site formation, pre-drilling and installation of street signs were commenced at RIW2 construction site area under Contract No. NE/2017/03 on 6 April 2020, however, no surface runoff was observed discharging into nearby gullies during monitoring. The weather was rainy from 4 to 6 April 2020, runoff due to rainy weather from unknown sources may also affect the water quality of station F. Although, lower turbidity and suspended soild results were recorded at station AC2 (19.6NTU and 16.8mg/L) and station AC3 (5.1NTU and 3.3mg/L), it is considered that the exceedances were not related to Project works at RIW2.</p>
			pH	8.2	6.6-8.4	6.5-8.5	
			SS (mg/L)	27.6	17.0	23.8	
			DO(mg/l)	8.7	5.8	5.5	
X_20RIW2_051	22-Apr-20	F	Turbidity (NTU)	19.4	24.4	32.7	<p><b>Possible reason:</b> Natural variation in water quality due to rainy weather on 22 April 2020 in the vicinity of the water quality monitoring station.</p> <p><b>Action taken/ to be taken:</b> Checking with contractor for the construction activities conducted on 22 April 2020. No exceedance was recorded on 24 April 2019.</p> <p><b>Remarks/ Other Observations:</b> Silty water was observed at monitoring station F during water quality monitoring. Stonework and concrete pouring were commenced at RIW2 construction site area under Contract No. NE/2017/03 on 22 April 2020, however, no surface runoff was observed discharging into nearby gullies during monitoring. The weather was rainy on 22 April 2020, unknown sources may affect the water quality of station F from upstream. High turbidity and suspended soild results were recorded at station AC2 (19.4NTU and 27.6mg/L) and station AC3 (20.4NTU and 32.5mg/L), it is considered that the exceedances were not related to Project works at RIW2.</p>
			pH	8.4	6.6-8.4	6.5-8.5	
			SS (mg/L)	30.1	17.0	23.8	
			DO(mg/l)	7.1	5.8	5.5	