



Ref no.	Date	Location	Parameters (Unit)	Measured	Action Level	Limit Level	Follow-up action
X_21RIW2_086	8-Sep-21	F	Turbidity	22.9	24.4	32.7	Possible reason:  Natural variation in water quality due to unknown sources in the vicinity of the water quality monitoring station.
			pH	6.8	6.6-8.4	6.5-8.5	
			SS (mg/L)	23.5	17.0	23.8	
			DO(mg/l)	8.7	5.8	5.5	Action taken/ to be taken:  A repeated in-situ measurement had been conducted immediately to confirm the exceedances. The construction activities conducted at the time was checked with the Contractor. Additional water sampling was carried out on 10 Sep 2021 and no exceedance was recorded.
							Remarks/ Other Observations:  Slightly cloudy water was observed at monitoring station F during water quality monitoring. Preparation works for formwork erection were conducted at RIW2 construction site area under Contract No. NE/2017/03 on 8 Sep 2021. No wastewater discharge was observed from the site area. It's likely that there was runoff from unknown sources which affected the water quality at station F. Therefore the exceedance was considered to be unrelated to the Project.
X_21RIW2_087	17-Sep-21	F	Turbidity	64.2	24.4	32.7	Possible reason:  Natural variation in water quality due to rainfall and site runoff from non-project related activities on 17 Sep 2021 in the vicinity of the water quality monitoring station.
			pH	8.3	6.6-8.4	6.5-8.5	
			SS (mg/L)	39.7	17.0	23.8	
			DO(mg/l)	8.7	5.8	5.5	Action taken/ to be taken:  A repeated in-situ measurement had been conducted immediately to confirm the exceedances. The construction activities conducted at the time was checked with the Contractor. Additional water sampling was carried out on 18 Sep 2021 and no exceedance was recorded.
							Remarks/ Other Observations:  Slightly cloudy water was observed at monitoring station F during water quality monitoring. Piling and welding works were conducted at RIW2 construction site area under Contract No. NE/2017/03 on 17 Sep 2021. No wastewater discharge was observed from the site area.  Cloudy Water was observe from non-project related areas near station AC2 which could have affected the water quality of station F. Turbidity and suspended solid levels were also relatively high at station AC2 and AC3 on 17 Sep 2021. Therefore the exceedance was considered to be unrelated to the Project.



Ref no.	Date	Location	Parameters (Unit)	Measured	Action Level	Limit Level	Follow-up action	
X_21RIW2_088	20-Sep-21	F	Turbidity	30.9	24.4	32.7	Possible reason:  Action taken/ to be taken:  Remarks/ Other Observations:	
			pH	8.4	6.6-8.4	6.5-8.5		Natural variation in water quality due to rainfall and site runoff from non-project related activities on 20 Sep 2021 in the vicinity of the water quality monitoring station.
			SS (mg/L)	31.6	17.0	23.8		A repeated in-situ measurement had been conducted immediately to confirm the exceedances. The construction activities conducted at the time was checked with the Contractor. Additional water sampling was carried out on 21 Sep 2021 and no exceedance was recorded at station F while the turbidity was relatively higher at station AC3.
			DO(mg/l)	8.8	5.8	5.5	Slightly cloudy water was observed at monitoring station F during water quality monitoring. Drilling and welding were conducted at RIW2 construction site area under Contract No. NE/2017/03 on 20 Sep 2021. No wastewater discharge was observed from the site area.  Cloudy Water was observe from non-project related areas near station AC2 which could have affected the water quality of station F. Turbidity and suspended solid levels were also relatively high at station AC3 on 20 Sep 2021. Therefore the exceedance was considered to be unrelated to the Project.	
X_21RIW2_089	23-Sep-21	F	Turbidity	297.1	24.4	32.7	Possible reason:  Action taken/ to be taken:  Remarks/ Other Observations:	
			pH	8.4	6.6-8.4	6.5-8.5		Natural variation in water quality due to heavy rainfall and site runoff from non-project related activities on 23 Sep 2021 in the vicinity of the water quality monitoring station.
			SS (mg/L)	233.0	17.0	23.8		A repeated in-situ measurement had been conducted immediately to confirm the exceedances. The construction activities conducted at the time was checked with the Contractor. Additional water sampling was carried out on 24 Sep 2021 and no exceedance was recorded at station F.
			DO(mg/l)	6.4	5.8	5.5	Muddy water was observed at monitoring station F during water quality monitoring. No major works were conducted at RIW2 construction site area under Contract No. NE/2017/03 on 23 Sep 2021 at the time due to the rainfall.  Turbidity and suspended solid levels were high at station E, AC2 and AC3 on 23 Sep 2021 due to the rainfall. Therefore the exceedance was considered to be unrelated to the Project.	



Lam Environmental Services Limited

Service Contract No. EDO/01/2017  
 Environmental Team for Development of Anderson Road Quarry Site  
 Road Improvement Works  
Summary for Notification of Exceedance

Ref no.	Date	Location	Parameters (Unit)	Measured	Action Level	Limit Level	Follow-up action
X_21RIW2_090	17-Nov-21	F	Turbidity	16.0	24.4	32.7	Possible reason:  Natural variation in water quality due to unknown sources in the vicinity of the water quality monitoring station.
			pH	7.7	6.6-8.4	6.5-8.5	
			SS (mg/L)	18.2	17.0	23.8	
			DO(mg/l)	10.5	5.8	5.5	Action taken/ to be taken:  A repeated in-situ measurement had been conducted immediately to confirm the exceedances. The construction activities conducted at the time was checked with the Contractor. Water sampling was carried out on 19 Nov 2021 and no exceedance was recorded.
							Remarks/ Other Observations:  The water appeared to be normal at the monitoring station F during water quality monitoring. Piling works were conducted at RIW2 construction site area under Contract No. NE/2017/03 on 17 Nov 2021. No wastewater discharge was observed from the site area. It's likely that there was runoff from unknown sources which affected the water quality at station F. Furthermore, the high SS level was only recorded in the duplicate sample, which would suggest that the exceedance was caused by debris picked up during the sampling procedure. Therefore the exceedance was considered to be unrelated to the Project.