



Lam Environmental Services Limited

Service Contract No. EDO/03/2025
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	
202602_ RIW2_W1	2/6/2025	F	pH	8.3	Beyond the range of 6.6-8.4	Beyond the range of 6.5-8.5	Possible reason:	Contribution from other unknown sources at the upper stream or natural variation in water quality due to unknown sources.
			DO(mg/l)	7.1	5.8	5.5	Action taken/ to be taken:	Site checking was conducted after exceedance recorded and it was noted that water discharge at the site area discharge point of RIW2 was treated properly with sedimentation tank and Wetsep. The construction activities conducted at the time was checked with the Contractor.
			Turbidity	11.2	24.4	32.7	Remarks/ Other Observations:	High suspended solid at upstream Station AC2 (19.6 mg/L) was recorded.
			SS (mg/L)	<u>18.9</u>	17.0	23.8		
202604_ RIW2_W1	4/6/2025	F	pH	8.4	Beyond the range of 6.6-8.4	Beyond the range of 6.5-8.5	Possible reason:	Natural variation in water quality due to unknown sources or rainfalls in the vicinity of the water quality monitoring station.
			DO(mg/l)	7.3	5.8	5.5	Action taken/ to be taken:	Site checking was conducted after exceedance recorded and it was noted that water discharge at the site area discharge point of RIW2 was treated properly with sedimentation tank and Wetsep. The construction activities conducted at the time was checked with the Contractor.
			Turbidity	16.8	24.4	32.7	Remarks/ Other Observations:	High suspended solid at upstream Station AC2 (16.4 mg/L) was recorded. Since rainfalls were recorded before the monitoring time, the exceedance was potentially related to the temporary increase of natural soil runoff.
			SS (mg/L)	<u>20.6</u>	17.0	23.8		
202616_ RIW2_W1	16/6/2025	F	pH	8.3	Beyond the range of 6.6-8.4	Beyond the range of 6.5-8.5	Possible reason:	Contribution from other unknown sources at the upper stream or natural variation in water quality due to unknown sources.
			DO(mg/l)	7.1	5.8	5.5	Action taken/ to be taken:	Site checking was conducted after exceedance recorded and it was noted that water discharge at the site area discharge point of RIW2 was treated properly with sedimentation tank and Wetsep. The construction activities conducted at the time was checked with the Contractor.
			Turbidity	20.5	24.4	32.7	Remarks/ Other Observations:	High suspended solid at upstream Station AC2 (27.6 mg/L) was recorded.
			SS (mg/L)	<u>23.4</u>	17.0	23.8		



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Ref no.	Date	Location	Parameters (Unit)	Measured	Action Level	Limit Level	Follow-up action	
202618_ RIW2_W1	18/6/2025	F	pH	8.4	Beyond the range of 6.6-8.4	Beyond the range of 6.5-8.5	Possible reason:	Contribution from other unknown sources at the upper stream or natural variation in water quality due to unknown sources.
			DO(mg/l)	7.1	5.8	5.5	Action taken/ to be taken:	Site checking was conducted after exceedance recorded and it was noted that water discharge at the site area discharge point of RIW2 was treated properly with sedimentation tank and Wetsep. The construction activities conducted at the time was checked with the Contractor.
			Turbidity	16.4	24.4	32.7		
			SS (mg/L)	<u>20.7</u>	17.0	23.8	Remarks/ Other Observations:	The Contractor is reminded to intercept the runoff or direct the runoff to the wastewater treatment facility and ensure its operating properly to avoid any potential project related exceedance.



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Ref no.	Date	Location	Parameters (Unit)	Measured	Action Level	Limit Level	Follow-up action	
202504_ RIW2_ W3	24/4/2025	F	pH	7.8	Beyond the range of 6.6-8.4	Beyond the range of 6.5-8.5	Possible reason:	Natural variation in water quality due to unknown sources.
			DO(mg/l)	6.2	5.8	5.5	Action taken/ to be taken:	Repeated in-situ measurement had been conducted immediately to confirm the exceedances. Site checking was conducted after exceedance recorded and the construction activities conducted at the time was checked with the Contractor. No wastewater generating construction activities were conducted. Repeated in situ measurement had been conducted on 25 April 2025 and no exceedance was recorded.
			Turbidity	<u>35</u>	24.4	32.7		
			SS (mg/L)	2.5	17.0	23.8		
							Remarks/ Other Observations:	The Contractor is reminded to intercept the runoff or direct the runoff to the wastewater treatment facility and ensure its operating properly to avoid any potential project related exceedance.

Remarks:
Single underline denotes exceedance over Action Level.
Double underline denotes exceedance over Limit Level.