

THE PROJECT FOR CONSTRUCTION OF SEKONG BRIDGE ON NR16B

4.8 Environmental Measures

A. Water Quality Check

Test kind	Frequency	unit	Test date	Situation	Testing Point	Test result	Acceptance value	Evaluation	
Water quality	pH	2times/year	-	25-Dec-17	Piers P2 and P3 across the river.	Upstream and Downstream portion of the Piers P2 & P3	6.20 (Upstream) 6.10 (Downstream)	5.8~8.6	OK
	SS	2times/year	mg/l	25-Dec-17			2.75 (Upstream) 3.0 (Downstream)	≤200	OK

B. Waste Management

Description	Frequency	Unit	Volume	Hauling Date	Hauling Point	Accepted at Disposal Area	Evaluation
Hauling of concrete debris as a result of demolishing A1-P1 side span.	1 time/month	m3			No transportation to disposal area this month.		

C. Noise and Vibration Observations

Item of observation	Frequency	unit	Test date	Situation	Testing Point	Test result	Acceptance value	Evaluation
Noise	1time/month	dB	25-Dec-17	Removal of unnecessary materials. Backfilling and grading at A1P1.	Residential area around beginning point	44.70	≤100	OK
Vibration	2times/year	dB	25-Dec-17	Chipping works at sidewalk areas from P2 to Center closure. Sidewalk form removal at P2K5 P1 side to P2K5 P3 side upstream side. Dismantling of Bottom Form at A1 to P1+24		0.02	≤0.47	OK

4.9 Accident / Disaster / Disease

There is no any incident or accident works on this month.