	Environmental Monitering Fo	orm for Construction Stage	Attachment EN3 Attachment EN3				
Item	Location	Parameter/Means of Monitoring	Result (Average/Max /Total, etc)	Standard (Legal/International Standard)	Frequency	Remarks	
-	construction site	visual inspection of mechanical condition and exhaust gas	No observations on the gas exhaust. colorless gas, no eyes irritation was left		every day before working	After the first report, measures were taken to improve the negative impacts, in particular the development of a watering schedule which proposed watering	
	construction site	visual observation of dust	Dust observed during the passage of vihicles, the study was conducted in the dry season		every day before working		
	storage facilities for dust generating					twice a day.	
Air quality	boundary of ROW nearest to construction site	SPM10	18,56 - 362,68	50 μg/m3 (WHO, average 24h)	3 (WHO, average 24h) 2 times in dry season and 2 times in rainy season		
		SPM2.5 SO2	$\frac{11,606 - 218,193}{0 - 0.76}$ $\frac{25 \ \mu g/m3}{WHO, average 24h}$ $0.30 \ mg/m3} (MOE) \ average 24h)$				
		NO2	0	0.10 mg/m3 (MOE, average 24h)	•		
		03	0 - 0,09				
		visual observation	The work in progress is disrupting the current of three rivers without preventing their flow		every day		
		analysis using potable pH and turbidity meter					
		pH	4,4 - 6,6	6.5-8.5			
water	rivers including Sanaga river, streams and other	TSS	5 -10	25-100 (mg/l)	•		
		TURB	7,81 – 41,1	<5 (NTU)		To minimize river pollution, the	
		MES	5,2 - 102	50 - 100 (mg/l)		following measures have been	
quality	executed	COND	0 - 40	<400 (µS.cm-1)	when any pollution is	area, installation of a biodegradable waste pit, a stone watering system has been installed on the crusher and a toilet has been built on the	
	executed	BOD	0 - 25,8	1-10 (mg/l)	suspected		
			0.00	1-8 (mg/l)			
	-		0.00	<0.0005 (mg/l)			
		CHROME	0.00	$\leq 0.05 (mg/l)$		site of the stone quarry.	
		ZINC	0.00	≤3.00 (mg/l)			
		CUIVRE	0.00	≤ 1 (mg/l)			
		CF	0.00	< 2000 (UFC/100 ml)			
noise	boundary of land plot nearest to the construction site		33,5 - 63,8	60dB(06:00-18:00) 60dB(06:00-18:00) 60dB(06:00-18:00) (MOE, residential area)	*when noise/ vibration level exceeding the standards is suspected *when local residents		
vibration		vibration level	1.5	65Hz(05:00-17:00) 60dB(17:00- 05:00)	complain		

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general waste	waste storage at construction site	slurry and other construction waste	discharged amount	0
			the way of recycle	Storage at the staff housing site in Mangai
			treated amount	
			location of final disposal	Lack of traceability once the pre-collection of this wast
			discharged amount	0
			recycled amount	0
			the way of recycle	Storage at the staff housing site in Mangaï
			treated amount	Lack of traceability once the pre-collection of this wast
			location of final disposal	
Hydrology	rivers, streams and reservoirs where construction works are executed	visual inspection on volume and speed of water flow		The work in progress is disrupting the normal flow of thr
	lot 1			
	lot 2			
Ecosystem	lot 3	visual observation am	of animals, reptiles and phibious	Palm rats (Xerus erythropus), dwarf mongooses (Helogal (Cephalophus monticoles) and Cob defassa (Kobus ellips grasscutter (Thryonomys swinderianus), porcupine (Hyst (Myosciurus pumilio), Gambian rat (Cricetomys gambianu (artherurus africanus), reptiles (naja, monitor lizards, pyt of fish inhabit the rivers of the region, there are species (Oreochromis niloticus), Catfish (Clarias gariepinus), Cor and Kanga (Heterotis niloticus)
	IOC 4			



******Remarks; Past trend and current status including remedial measures if necesary