	Environmental Monitering	g Form for Cor	nstruction Stage			Attachment EN3	
Item	Location	Parameter/	Means of Monitoring	Result (Average/Max /Total, etc)	Standard (Legal/International Standard)	Frequency	Remarks
	construction site	visual inspection of m	echanical condition and exhaust gas	No observations on the gas exhaust. colorless gas, no eyes irritation was left		every day before working	
	construction site	visual observation of dust		Dust observed during the passage of vihicles, and a dust observation at the Meiteing II quarry. The study was conducted in the dry season		every day before working	In order to avoid air pollution, a watering schedule was
Air quality	storage facilities for dust generating						drawn up, it was a question of watering the section concerned by the work twice a day.
		SPM10		1,88 - 812,33	50 μg/m3 (WHO, average 24h)		concerned by the work twice a day.
	boundary of ROW nearest to construction site	502		0;92 - 227,37	25 μg/m3 (WHO, average 24h)	2 times in dry season and 2times in rainy season	
	boundary of ROW hearest to construction site			0 - 0,39	0.30 mg/m3 (MOE, average 24h)		
			NO2	0	0.10 mg/m3 (MOE, average 24h)		
			O3 al observation	0,0009 - 0,051 Flow of four (04) watercourses disturbed by the works without preventing their circulation,; the works prevent the good circulation of five (05) watercourses.		every day	In order not to interfere with the flow of water, deviations were created during the construction of the hydraulic structures and the company was asked to avoid pouring the remains of concrete into the watercourse. In addition, the section of road has been the subject of a regular watering schedule.
		analysis using potable pH and turbidity meter					
water quality	rivers including Sanaga river, streams and other public water bodies where construction works are executed		рН	4,5 - 6,3	6.5-8.5	when any pollution is suspected	To minimize river pollution, the following measures have been taken: regular watering of the work area, installation of a biodegradable waste pit, a stone watering system has been installed on the crusher and a toilet has been built on
		TSS		0 - 10	25-100 (mg/l)]	the site of the stone quarry. In addition, a borehole was built in Meiteing village as a compensation measure.
		TURB MES		6,1 - 223	<5 (NTU)		
				3 - 400	50 - 100 (mg/l)		
		COND		0 - 70	<400 (µS.cm−1)		
		BOD COD PLOMB CADMIUM CHROME ZINC CUIVRE		0 - 166,6	1-10 (mg/l)		
				0 - 200	1-8 (mg/l)		
				0,01 - 2,31	≤0,01 (mg/l)		
				0	≤0,0005 (mg/l)		
				0	≤0,05 (mg/l) ≤3.00 (mg/l)		
				0	$\leq 3.00 \text{ (mg/l)}$		
		CF		60 - 4090	< 2000 (UFC/100 ml)		
noise	boundary of land plot nearest to the construction site	y of land plot nearest to the Noise level		36,66 - 89,96	60dB(06:00-18:00) 60dB(06:00-18:00) 60dB(06:00-18:00)	*when noise/ vibration level exceeding the standards is suspected *when	In order to avoid noise pollution, the working hours have been distributed so that the work is carried out during the hours when the populations are in the field.
vibration				0 - 2,44	65Hz(05:00-17:00) 60dB(17:00- 05:00)	local residents complain	
	waste storage at construction site	slurry and other	discharged amount		every domain		
			recycled amount	0			
		construction waste	the way of recycle	Storage at the staff housing site in Mangaï and recovery of some for reuse.			
-							The measure taken was the recruitment of an approved
general			treated amount	0		every domain	consultant (SATE SARL) for waste management on the
waste			location of final disposal			site	
		general waste	discharged amount	0			
			recycled amount	U U			
			the way of recycle	Storage at the staff housing site in Mangaï pending collection by SATE SARL.			
			treated amount	U			
		location of final disposal visual inspection on volume and speed of water flow					In order not to interfere with the flow of water, deviations were created during the construction of the hydraulic
Hydrology	rivers, streams and reservoirs where construction works are executed	visual inspection on v	volume and speed of water flow	Flow of four (04) watercourses disturbed by the works without preventing their circulation,; the works prevent the good circulation of five (05) watercourses.		every domain	structures and the company was asked to avoid pouring the remains of concrete into the watercourse. In addition, the section of road has been the subject of a regular watering schedule.

Environmental Manitoring Form for Construction Stage

Ecosystem	lot 2 lot 3	visual observation of animals, reptiles and amphibious	Palm rats (Xerus erythropus), dwarf mongooses (Helogale parv (Cephalophus monticoles) and Cob defassa (Kobus ellipsiprym grasscutter (Thryonomys swinderianus), porcupine (Hystrix cri (Myosciurus pumilio), Gambian rat (Cricetomys gambianus) and (artherurus africanus), reptiles (naja, monitor lizards, python, v fish inhabit the rivers of the region, there are species such as niloticus), Catfish (Clarias gariepinus), Common carp (Cyprinus Heterotis niloticus)
	lot 4		Heterotis niloticus)



every half year (1 time in dry season and 1 time in rainy season)

Awareness continued on a quarterly basis by an NGO recruited by the company

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