

## **PSR-Attachment C: Environmental Monitoring Form (July-September 2025)**

### **1. Pre-construction phase**

(1) Comments from the public and NEMA regarding the EIA

<b>Monitoring item</b>	<b>Comments</b>	<b>Response of UETCL</b>
Contents of formal comments from the public on the EIA	N/A	Certificate obtained No. EMA/EIA/9546.
Contents of formal comments from NEMA on the EIA	N/A	The ESIA update study was approved, and permit validity extended by NEMA for a period of five (5) years (February 2024 to February 2029). As per the permit conditions, UETCL is supposed to undertake a Compliance Environmental Audit. This activity has not commenced although UETCL was put on notice.

(2) Nandagi Forest Reserve

<b>Monitoring item</b>	<b>Status</b>
Progress of implementation of forest restoration measures to offset the loss of biomass within the corridor	During the month of September 2025, the contractor had proceeded to commence tree clearing in the Nandangi Forest Transmission corridor following a communication that an agreement had been reached by the 2 parties (UETCL & NFA). However, the corridor clearing activity was later put on halt by NFA. Currently, UETCL is in process of finalizing compensation modalities with NFA

### **2. Construction phase**

(1) Noise ( $L_{Aeq}$ )

Table 1 shows the noise monitoring results at Buloba and Mukono from July to September 2025. Although noise levels exceeded the reference standard on some days/sites, they were not to the extent that required any remedial actions. No noise-related complaints were received.

Table 1 Noise monitoring results (unit: dB)

Location		Results (date)	Reference standard*1	Compliance status	Measures implemented in case of non-compliance
Buloba	BN1	56.1 (3/7) 57.4 (11/7) 54.6 (17/7) 59.8 (30/7) 59.5 (8/8) 50.7 (16/8) 64.2 (13/9)	50*2	Exceedance of standard (7/7 times)	No specific measures were implemented as exceedance was mainly attributed to non-project activities (e.g. school activities).
	BN2	52.2 (3/7) 43.8 (11/7) 44.3 (17/7) 46.1 (30/7) 37.9 (8/8) 43.6 (16/8) 48.9 (13/9) 46.9 (20/9)	53.9*3	No exceedance of standard	-
	BN3	47.0 (3/7) 42.8 (11/7) 45.5 (17/7) 45.7 (30/7) 54.5 (16/8) 50.1 (20/9)	53.5*3	Exceedance of standard (1/6 time)	No specific measures were implemented as exceedance was not significant.
Mukono	MN1	50.4 (4/7) 50.7 (10/7) 44.2 (18/7) 44.5 (1/8) 49.4 (12/8) 60.7 (27/8) 53.7 (11/9)	50*2	Exceedance of standard (4/7 times)	No specific measures were implemented as exceedance was not significant.
	MN2	45.7 (4/7) 46.5 (10/7) 49.0 (18/7) 44.4 (1/8) 43.7 (12/8) 45.6 (27/8) 40.5 (11/9)	50*2	No exceedance of standard	-

\*1: The reference standard was set either as the national noise ambient standard or baseline level which ever were higher.

\*2: National noise standard for residential area (daytime)

\*3: Baseline level

(2) Air quality (PM<sub>10</sub>)

Table 2 shows the air quality monitoring results at Buloba and Mukono from July to September 2025. Although PM<sub>10</sub> levels exceeded the reference standard on some days/sites, they were not to the extent that required any remedial actions. No air pollution-related complaints were received.

Table 2 Air quality monitoring results (unit: µg/m<sup>3</sup>)

Location		Results (date)	Reference standard <sup>*1</sup>	Compliance status	Measures implemented in case of non-compliance
Buloba	BA1	51.0 (3/7) 56.0 (11/7) 51.0 (17/7) <b>94.0 (30/7)</b> <b>75.0 (8/8)</b> 55.0 (16/8) 51.9 (13/9)	60 <sup>*2</sup>	Moderate exceedance of standard (2/7 times)	No specific measures were implemented as exceedance was not significant.
	BA2	57.0 (3/7) 49.0 (11/7) 50.0 (17/7) <b>88.0 (30/7)</b> <b>78.0 (8/8)</b> 51.0 (16/8) 45.0 (13/9) 55.0 (20/9)		Moderate exceedance of standard (2/8 times)	No specific measures were implemented as exceedance was not significant.
	BA3	51.0 (3/7) 45.0 (11/7) 54.0 (17/7) <b>81.0 (30/7)</b> 55.0 (16/8) 53.0 (20/9)		Moderate exceedance of standard (1/6 time)	No specific measures were implemented as exceedance was not significant.
Mukono	MA1	28.0 (4/7) 72.0 (10/7) 31.0 (18/7) 34.0 (1/8) 41.0 (12/8) 39.0 (27/8) 23.0 (11/9)	72.7 <sup>*3</sup>	No exceedance of standard	-
	MA2	26.0 (4/7) <b>72.0 (10/7)</b> 29.0 (18/7) 50.0 (1/8) 50.0 (1/8) 36.0 (12/8) 37.0 (27/8) 22.0 (11/9)	60 <sup>*2</sup>	Minor exceedance of standard (1/8 time)	No specific measures were implemented as exceedance was not significant.

\*1: The reference standard was set either as the national air quality standard or baseline level which ever were higher.

\*2: National PM<sub>10</sub> standard (24 hours)

\*3: Baseline level

(3) Water quality

Table 3 shows the water quality monitoring results at Buloba and Mukono for July and August 2025 (September samples are currently under analysis). While oil concentration slightly exceeded the reference standard in Buloba (July BW3) and Mukono (August MW1), no specific measures

were implemented as exceedance was not significant.

Table 3 Water quality monitoring results

Location		Results (July)		Results (August)		Reference standard*1	Compliance status	Measures implemented in case of non-compliance
		Oil (mg/l)	pH	Oil (mg/l)	pH			
Buloba	BW1	2.86	6.68	2.80	7.13	Oil: 5 mg/l pH: 6.0-8.0	No exceedance of standard	-
	BW2	<1	7.00	2.80	7.39		No exceedance of standard	-
	BW3	<1	6.34	5.7	6.54		Slight exceedance of oil in August	No specific measures were implemented as exceedance was not significant.
Mukono	MW1	5.71	6.97	2.80	7.44		Slight exceedance of oil in July	No specific measures were implemented as exceedance was not significant.
	MW2	2.86	7.13	2.80	7.27		No exceedance of standard	-
	MW3	2.86	7.52	2.80	7.33		No exceedance of standard	-

\*1: Standards set under the ESIA certificate approval conditions.

(4) Soil pollution

Location	Record of soil pollution	Action taken
Buloba	The contractor has established a dedicated shelter for storage of hazardous waste such as used oil, air cleaners and other chemicals. As at 24 <sup>th</sup> September 2025 when the last detailed HSE inspection was undertaken, there were no observed activities causing soil pollution.	No further action is required at the moment.
Mukono	As at 25 <sup>th</sup> September 2025 when the last detailed HSE inspection was undertaken, there were no observed activities causing soil pollution. The contractor had also designated a storage site for hazardous waste.  Previously, there were minor fuel leakages/spills from the location of the diesel dispensing truck due to a faulty fuel dispensing pump. However, this issue had been rectified and the spillage cleaned.	No further action is required at the moment.
Bujagali	Due to sensitivity of project site (live substation), majority of works are undertaken manually by workers. The contractor has limited importation of equipment & chemicals to site. Therefore, there is no chemical storage at site. As at 29 <sup>th</sup> September 2025, there were no reported cases of soil pollution at site.	No further action is required at the moment.
Mutundwe	The last HSE Inspection in September 2025 was conducted on 30 <sup>th</sup> . Both civil and electrical installation works were ongoing. The site has a designated store (container) for hazardous waste. All fuel is stored in leak proof drums and securing kept in the hazardous storage store. No form of soil pollution had occurred at site.	No further action is required at the moment.

(5) Waste

Location	Record of inappropriate waste management	Action taken
Buloba	Non-hazardous waste (domestic waste) is being handled appropriately with existing waste bins and timely collected by a licensed waste handler.	No action needed at the moment.
	The hazardous waste storage shelter was established and De Waste (U) Ltd contracted for its disposal. However, no hazardous waste consignments have been disposed from site to date.	Contractor to continue monitoring the quantity of hazardous waste in the storage shelter and ensure its disposal is commissioned before the quantity exceeds the storage capacity of the shelter.
	Wastewater at the batching plant is disposed periodically and as need arises by a dedicated waste handler. Waste water is disposed at NWSC lagoon which is a NEMA licensed waste disposal site.	No action needed at the moment.
Mukono	Non-hazardous waste (domestic waste) is being handled appropriately with existing waste bins and timely collected by a licensed waste handler.	No action needed at the moment.
	At the time of inspection (end of September	No action needed at the moment.

	2025), there were no observed instances of inappropriate management of hazardous waste at site. All hazardous waste such as oily substances and chemical containers had been collected and stored in the hazardous waste store.	
Bujagali	Due to the sensitivity of the project site, UETCL is responsible for managing all forms of waste generated by the contractor at site. By end of September 2025, all contractors waste had been timely collected and disposed by UETCL.	No further action is required.
Mutundwe	The contractor had finalized amending the existing MoU with De Waste (U) Ltd to manage waste at Mutundwe. By end of September 2025, all waste at site had been effectively managed.	No further action required.

(6) Health and safety

Location	Health and Safety parameters	Action taken
<b>Management of incidents/accidents</b>		
Buloba	<p>The contractor has put in place several safety checks to mitigate occurrence of accidents. However, few minor injuries have occurred and have been treated by the onsite site nurse and the contracted referral medical centre.</p> <p>Height Passes were also established for all workers operating at heights with onsite preliminary safety screening including medical assessment for selected particulars.</p> <p>There was one traffic accident in August involving a concrete mixer truck and a Sino truck. No serious injuries were reported. Please refer to the attached Accident Investigation Report for further details.</p>	Contractor instructed to enforce PPE usage and continuously sensitize and train workers on workplace hazards through daily toolbox meetings and specialized trainings.
	<p><b>Operation of specialized equipment</b></p> <p>The contractor operates 2 cranes at site to lift gantries and other heavy equipment. The contractor has secured clearance for each of the cranes from Ministry of Gender, Labour and Social Development.</p>	No further action is required
Mukono Mutundwe Bujagali	<p>The contractor has put in place several safety checks to mitigate occurrence of accidents. However, few minor injuries have occurred and have been treated by the onsite site nurse and the contracted referral medical centre.</p> <p>Height Passes were also established for all workers operating at heights with onsite preliminary safety screening including medical assessment for selected particulars.</p> <p><b>Operation of specialized equipment</b></p>	Contractor instructed to enforce PPE usage and continuously sensitize and train workers on workplace hazards through daily toolbox meetings and specialized trainings.

	The contractor also operates a crane at Bujagali which was later established to have clearance from Ministry of Gender, Labour and Social Development.	
<b>Sanitation facilities</b>		
Buloba	The contractor has put in place functional sanitation facilities. The sanitation facilities have had some minor breakdowns which the contractor has continued to repair.	The contractor has been instructed to conduct a daily inspection of the sanitation facilities and rectify any malfunctions or breakdowns immediately.
Mukono	The contractor has put in place sanitation facilities for the workforce. Piped water was installed and all were rendered functional. The sanitation facilities have had some minor breakdowns which the contractor has continued to repair.	The contractor has been instructed to conduct a daily inspection of the sanitation facilities and rectify any malfunctions or breakdowns immediately.
Bujagali	With permission from UETCL, the contractor uses the existing sanitation facilities at the southwestern corner of the substation. By end of September 2025, the toilets were still functional. The sanitation facilities have had some minor breakdowns which the contractor has continued to repair.	The contractor has been instructed to conduct a daily inspection of the sanitation facilities and rectify any malfunctions or breakdowns immediately.
Mutundwe	The contractor has put in place sanitation facilities for the workforce. Piped water was installed and all were rendered functional.	No further action is required
<b>Emergency response</b>		
Buloba Mukono Bujagali Mutundwe	The contractor has put in place an emergency response system comprising a standby vehicle, fire assembly point, fire training, fire extinguishers and sirens and site clinics at sites. Emergency response information has also been displayed on the site notice boards and some sections of project sites.	No further action is required
<b>Contracts</b>		
Buloba Mukono Bujagali Mutundwe	The contractor has made efforts to provide majority of workers at site with employment contracts in accordance with the labour laws. However, the newly recruited ones are yet to sign contracts. In some cases, some workers have not yet received copies of their signed contracts.	The contractor was instructed to provide all workers with probation contracts before commencement of works at any of the sites and all workers to be provided with copies of their contracts immediately.
<b>Gender and social protection</b>		
Buloba Mukono Bujagali Mutundwe Kawaala	Where applicable, the contractor has employed some females but majority of workers (more than 90%) are males.  The site has not had any cases of child labour, defilement and sexual harassment.  Since project commenced there was one documented community grievance at Buloba which was adequately handled and resolved by the existing grievance management system.	No further action is required

(7) Ecosystem

Location	Status	Actions taken
----------	--------	---------------

Buloba	There were no project-related ecological impacts.	-
Mukono	There were no project-related ecological impacts.	-