

## ABSTRACT

### **Background:**

The study examined the level of adherence to the sewerage treatment guidelines at Lubigi sewage treatment plant. The study objectives were to; determine the safety management systems influencing adherence to the sewerage treatment guidelines at Lubigi sewage treatment plant; establish the safety environment aspects influencing adherence to the sewerage treatment guidelines at Lubigi sewage treatment plant and establish the employee safety commitment aspects influencing adherence to the sewerage treatment guidelines at Lubigi sewage treatment plant.

### **Methods:**

The study used a cross sectional study design and data was collected from a sample of 53 respondents, self-administered questionnaires; and documentary review guides were used in the study.

### **Results:**

The study results established that adherence to sewerage treatment guidelines was significantly influenced by restricting exit or entry for authorized person to the sewerage treatment area ( $X^2$  4.7, p-value 0.03). The study result established a significant relationship between level of adherence to sewerage treatment plant guidelines and health and safety measures ( $X^2$  13.032, p-value 0.000). This study established an association between the level of adherence to sewerage treatment guidelines and presence of manuals.

### **Recommendations:**

It is recommended that employees must be trained in several aspects of personal protective equipment, these include, when personal protective equipment must be worn; what type of equipment is necessary, how to properly adjust, wear and remove the equipment. It is recommended that the managers should organise workshops that sensitise the workers about the occupational hazards that are likely to occur

and cause serious injuries. The availability of a readily written and detailed operations and maintenance procedures is very vital to the adherence of the guidelines thus it is recommended that the plant can use the manual as a point of reference.