**Grant number**: ES/T008121

**Sponsor:** UKRI

**Project title**: Water &Waste: Expanding safe water and waste management service access to off-grid urban populations in Africa

**Dataset**: Testing of a novel, low cost method to identify plastic resins used for production of food and beverage packaging in Kisumu, Kenya, and Greater Accra, Ghana

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| **File name** | **File Description** |
| FlexiblePlasticPackagingIdentification.xlsx | Microsoft *Excel* file containing a dataset generated by observers undertaking observations and tests to establish the evidence basis to support a low cost method to identify the plastic resins used to make packaging for food and beverage products. Observations and tests were made by two teams based in Greater Accra, Ghana (4 people, July-September 2022) and Kisumu, Kenya (5 people, June 2022). The dataset contains 108 sets of observations for 3 variables. This file contains data for flexible items of plastic packaging for food and beverage products. |
| RigidPlasticPackagingIdentification.xlsx | Microsoft *Excel* file containing a dataset generated by observers undertaking observations and tests to establish the evidence basis to support a low cost method to identify the plastic resins used to make packaging for food and beverage products. Observations and tests were made by two teams based in Greater Accra, Ghana (4 people, July-September 2022) and Kisumu, Kenya (5 people, June 2022). The dataset contains 153 sets of observations for 4 variables. This file contains data for rigid items of plastic packaging food and beverage products. |
| Plastic\_Identification\_Methods.pdf | The file describes the study design, sampling  design and the laboratory activities and the related data management and quality control. |

Find more information about the Water & Waste project at: https://waterandwaste.org/