



**University of Brighton**



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OneHealthWater participatory mapping layers representing domestic water sources and contamination hazards in Siaya County, Kenya

## Data Dictionary

Version 1.0b, completed May 2019

### File Information

File Name	Feature Type	Description
OHW_PHMv1b_watersrc.shp	Point	Mapped water points representing source of water within the ten study villages
OHW_PHMv1b_toilet.shp	Point	Toilets identified by the local people from the ten study villages
OHW_PHMv1b_pipeline.shp	Polyline	Water pipe lines identified by the local people from the ten study villages
OHW_PHMv1b_grazing.shp	Polygon	Grazing areas identified by the local people from the ten study villages
OHW_PHMv1b_erosion.shp	Polygon	Erosion areas identified by the local people from the ten study villages
OHW_PHMv1b_waterbody.shp	Polygon	Mapped water bodies (lakes, wetlands) within the ten study villages
OHW_PHMv1b_waterway.shp	Polyline	Mapped waterways (rivers, streams, canals) within the ten study villages
OHW_PHMv1b_road.shp	Polyline	Mapped roads (tarmac roads, murram roads, footpaths) within the ten study villages

### Attribute Information

Variable Name	Description
Id	Unique identification of the object
VILLCODE	Id of village where the object was mapped
VILLNAME	Name of village where the object was mapped
CATEGORY	Category of the mapped object, includes water source, hazard, pipe line, waterway, water body, and road
TYPE	Sub-classification of the mapped object, e.g. detailed type of water source for a water point
X (point features only)	X coordinate of point (longitude)
Y (point features only)	Y coordinate of point (latitude)
LENGTH (polyline features only)	Total length of the mapped polyline in meters (m)
AREA (polygon features only)	Total area of the mapped geometric shape in hectares (ha)

### Other Information

Coordinate System: WGS 1984 UTM Zone 36S

Linear Unit: Meter (m)

Date: 2018