

# KISUMU INFORMAL SETTLEMENT SANITATION PROJECT

December  
2023

## KEY INFORMATION

- A High Priority Investment in improved sanitation facilities for the Manyatta A informal settlement in the City of Kisumu, Kenya
- Implemented by the Lake Victoria Basin Commission through the Integrated Water Resources Management Programme for the Lake Victoria Basin – (LVB IWRMP)
- Co-funded by KfW, the European Union, and the Republic of Kenya
- KfW and EU grant funding: EUR 6.6 million
- Partners: The National Project Executing Agency is the Lake Victoria South Water Works Development Agency (LVSWWDA) of the Ministry of Water, Sanitation and Irrigation (MWSI). After completion, the facilities will be handed over to Kisumu Water and Sanitation Company Ltd (KIWASCO) owned by Kisumu County Government for operation and maintenance.
- Expected implementation period: 2024-2026



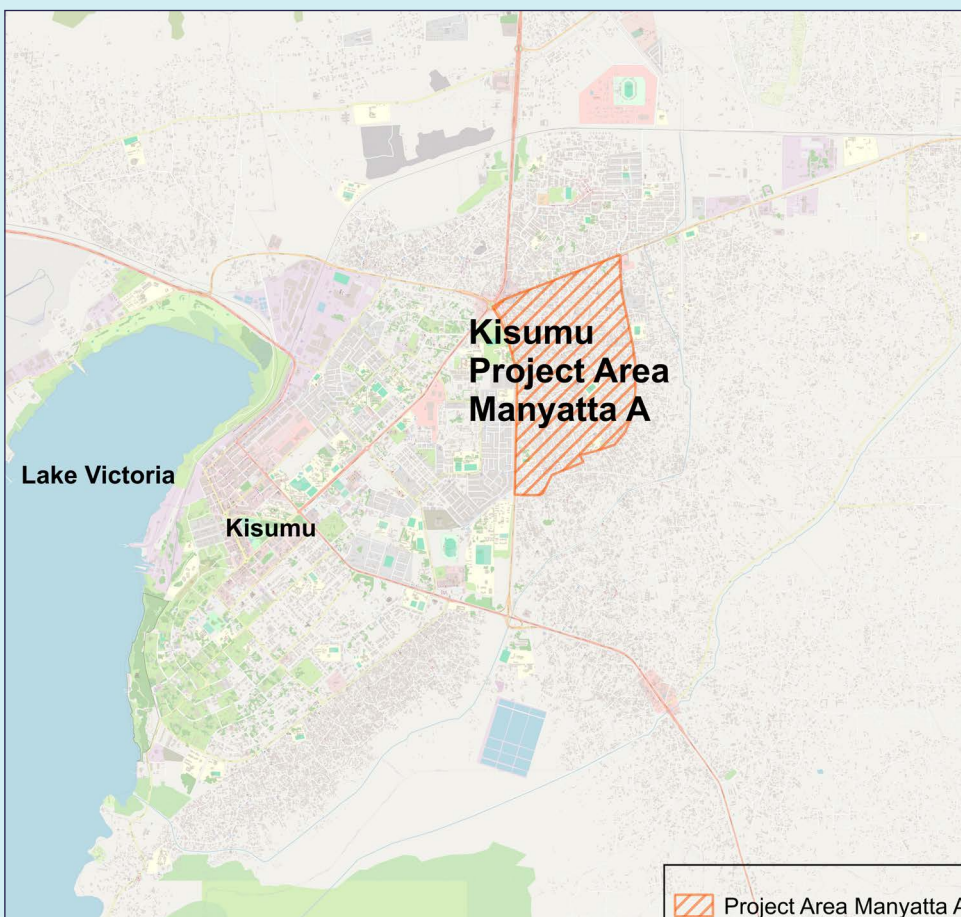
## OUTCOMES

- Reduced flow of untreated effluent into the Lake Victoria
- Improved access to proper sanitation facilities that promote public health due to appropriate and adequate disposal of wastewater
- Improved operational efficiency and effectiveness of wastewater collection and treatment

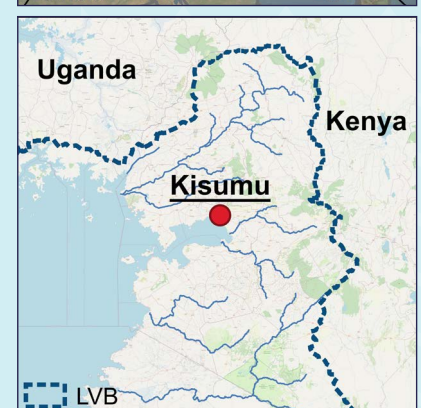


## OBJECTIVES

- To improve the Sewerage Network in Manyatta A
- To improve the capacity of Stakeholders to sustainably manage the Sewerage System
- To strengthen institutional arrangements for sustaining the Sewer Network established
- To improve awareness on Sanitation and Hygiene
- To reduce untreated wastewater flowing into Lake Victoria from Manyatta A



## Manyatta A Location Plan





KfW- and LVBC delegates consulting with project stakeholders in Manyatta A

## BACKGROUND

Kisumu, located on the shore of Lake Victoria, is the third-largest city in Kenya and the second-largest city in the Lake Victoria Basin. It is the most important inland port in the Lake Victoria circuit.

Manyatta A is a planned informal settlement in Kisumu City, covering an area of about 2.4 km<sup>2</sup> with a population of about 46,000. Wastewater is collected in open sewers, ultimately draining into Lake Victoria. The HPI is considered an important pilot project for informal settlement sanitation. The project envisages the collection of wastewaters by expanding the urban sewerage system with so called infill sewers and channelling it to the existing Nyalenda Wastewater Treatment Plant. Households with private latrines will be connected to the sewer system, while for the poorer population without private sanitary facilities, 755 public ablution blocks will be constructed. These can be utilised by up to six households. Also, four primary schools in the area will be provided with ablution blocks.

The National Project Executing Agency is the Lake Victoria South Water Works Development Authority (LVSWWDA). After completion, the facilities will be handed over to Kisumu Water and Sanitation Company Ltd (KIWASCO), a company owned by Kisumu County Government, for operation and maintenance.

A pilot area was selected in which 196 landowners and tenants were consulted about the preferred location of the Ablution Blocks (ABs). 144 AB locations were defined and included in the final Feasibility Study. It has been agreed to construct 755 ABs in Phase 1. The second phase of building another 345 ABs will be agreed upon at a later stage. The Project Implementation Agreement (PIA) between LVBC, MWSI and LVSWWDA is currently under preparation. After signing by both parties, the detailed design and tendering of construction works can be undertaken. Construction is expected to start in the first quarter of 2025.

## THE SPECIFIC SCOPE OF WORKS:

- Construction of 15 km Infill Sewers to collect and convey the wastewater generated in Manyatta A Informal Settlement to the existing Nyalenda Wastewater Treatment Plant (Capacity: 11,000 m<sup>3</sup>/d)
- Construction of 755 Shared Plot Level Sanitation Blocks (Toilets and Shower Units) for households without private sanitary facilities. Households with private latrines will be connected to the sewer system.
- Construction of Ablution Blocks for four (4) Public Schools
- Conducting a Sensitization and Hygiene Awareness Campaign
- Establishment of a pilot Delegated Management Model (DMM) for the Sanitation Facilities under the Project.

## INVESTMENT COSTS AND FINANCIAL CONTRIBUTION

The capital costs considered are costs of construction for 15 km of infill sewers and 755 sewer connections, 755 Shared Plot Level Sanitation Blocks and school Sanitation Blocks for four (4) public schools within Manyatta Informal Settlement. The original investment amount of EUR 5.5 million for the Kisumu HPI has been increased by EUR 1.1 million and amounts now to EUR 6.6 million.



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Integrated Water Resources Management

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