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NAIROBI CITY TWIN / WATER

# Water

## Domain Guide

Explore meters, service zones and installation context before reviewing the documented reliability and billing coverage.

| | |
|---|---|
| City | Nairobi |
| Coverage | Public sample available |
| List price | $3,995 USD - standalone domain |
| Guide edition | Striped Donkey V5.89 - 7 September 2026 |

## Use this guide

Read the documented coverage and limitations alongside the published sample and release evidence. Model counts and sample distributions describe their stated source and period. The final accepted order specifies licensed scope, usage rights, duration and delivery.

## Useful questions

- Compare meter and service-zone categories
- Inspect smart and prepaid coverage
- Review installation dates and household context

## Scope and limitations

Water access and health outcomes can be compared geographically, but the current release does not claim a direct causal mechanism from water service into disease or outbreak generation.

Commercial and industrial service categories may exist without a direct relationship to a specific business identity. The marketplace does not infer one.

Full active certification is not yet asserted for this release; the gap is disclosed at capability level rather than through internal file or code excerpts.

The Nairobi release includes additional affordability and non-revenue-water analytics beyond the shared public model; users should not assume identical derived analytics across cities.

# Inside this guide

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# 01 How Water fits the City Twin.

FCTE exposes a semantic water-service model spanning supply, storage, distribution, customer service and outages. The public site shows the analytical chain without publishing physical table layouts, field mappings, generation targets or orchestration.

Household water-service context is represented directly. Business and health relationships are only presented where the release supports them; contextual overlap is not described as a causal mechanism.

Every public claim is backed by release evidence, regulatory context or certification. internal construction methods remain controlled.

Nairobi City Twin™

# 02 Known and possible relationships.

Connections follow the published domain scope. Optional, contextual and planned relationships retain their stated limits below.

| Domain or context | Relationship and published scope |
|---|---|
| Supply context | service area |
| Service area | household service |
| Household service | consumption / billing |
| Reliability events | service area |
| Business identity linkage | not uniformly asserted |
| Health relationship | contextual unless explicitly modeled |

Supporting links

Housing

Wastewater

Health

Business

# 03 Supply → storage → distribution → household service.

The public Water domain presents a common semantic service chain rather than the underlying internal data design. Nairobi includes additional affordability and non-revenue-water analytical context in this release.

Treatment and source context anchor the city water system.

Reservoir and storage context supports service-area analysis.

Network and service-area context connect infrastructure to neighborhoods.

Household-linked access, consumption and billing can be studied longitudinally.

Outage and restoration context separates access from actual service quality.

Household, housing and health can be compared where the release supports a valid relationship.

Synthetic by design: this is a calibrated analytical representation of water service, not real customer or meter records.

□□ Public semantic relationship · □□ Disclosed boundary.

# 04 Follow water service into one household.

The public traversal shows the service lifecycle semantically. Exact connection probabilities, target volumes, starting configurations and orchestration are withheld.

The Nairobi release represents water as a connected longitudinal service context. Internal generation order and scale parameters remain controlled.

## 05 Service coverage, affordability and reliability - without publishing generation model targets.

The public site exposes area-level water access and service context, while exact row targets, connection probabilities, temporal thinning strategies and generation sequencing remain private.

Certification maturity is incomplete in this release and is reported at outcome level without exposing deferred rule code or internal files.

Actual PASS/FAIL outcomes are only claimed when captured by the catalog. Defined rules and deployed behavior are not treated as the same thing.

## 06 Representative service entities and reconciliation outputs.

The public Water domain shows the queryable service model while keeping generation workflows, target volumes, starting configurations, internal relationships and reconciliation methods private.

| Public entity family | Represents | Disclosure boundary |
|---|---|---|
| Supply & storage | Source, treatment and storage context | Internal asset-design assumptions are controlled |
| Distribution | Network/service-area context | Physical topology is not published |
| Metering & billing | Consumption and billing context through time | Exact target volumes, fields and formulas are controlled |
| Reliability & telemetry | Outage, quality and service-performance context | Operational simulation mechanics are controlled |

## 07 Inspect the published utility surface.

## 08 Certification maturity is public; internal construction methods remain controlled.

Certification categories and release maturity are visible. Exact thresholds, source queries, generation model logic and orchestration remain controlled.

## 09 What Water does not claim.

Water access and health outcomes can be compared geographically, but the current release does not claim a direct causal mechanism from water service into disease or outbreak generation.

Commercial and industrial service categories may exist without a direct relationship to a specific business identity. The marketplace does not infer one.

Full active certification is not yet asserted for this release; the gap is disclosed at capability level rather than through internal file or code excerpts.

The Nairobi release includes additional affordability and non-revenue-water analytics beyond the shared public model; users should not assume identical derived analytics across cities.

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Supporting links

Back to Domain Directory →

## 10 Ready to work with Water?

A real Meter row, INDUSTRIAL type, Eastlands service zone - 190,000 currently live on Nairobi.

Confirmed live: workflow, Billing, Outage and FlowReading all have 0 rows. The meter population is real; consumption, billing and reliability history are designed but not yet generated.

Water is presented as a semantic city-service relationship; the internal dependency design remains private.

Available as Standalone Domain · Multi-Domain Bundle · Full City Twin™

Supporting links

See Household →

See Health →

Explore the City Twin →

Review licensing & delivery details →

View Pricing & Licensing →

Browse Water Data →