ILLUSTRATIVE SAMPLE PACK

Assessment report

A daily water balance gives the site team a starting point for tracing losses and testing its meters.

DAILY WATER BALANCE

412 kL enters the site



- 338 kL accounted for
- 74 kL still to reconcile

What the survey found

Water entering the site

The second borewell meter is stuck. The team records tanker volumes from delivery slips.

Water used in production

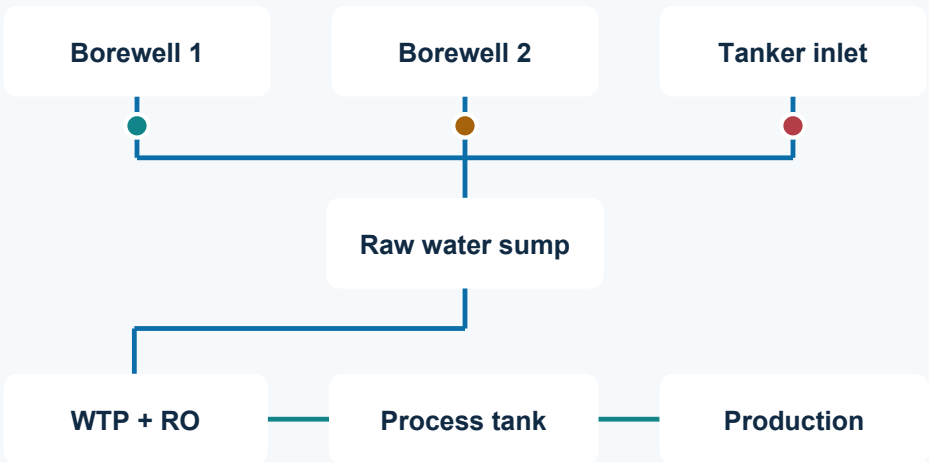
Three production lines share one meter. During shutdown, Line 3 still draws 2.4 kL per hour. Inspect the line for a leak.

Next, trace the source pipes and their measuring points.

ILLUSTRATIVE SAMPLE PACK

WaterOS diagram

This excerpt traces raw water into the treatment plant, then follows the treated supply to production.



WTP = water treatment plant RO = reverse osmosis

How to read the measuring points

- **Working** — Borewell 1 readings match pump hours.
- **Faulty** — The Borewell 2 meter has stopped registering flow.
- **Gap** — The tanker inlet has no meter.

ILLUSTRATIVE SAMPLE PACK

WIAF scorecard

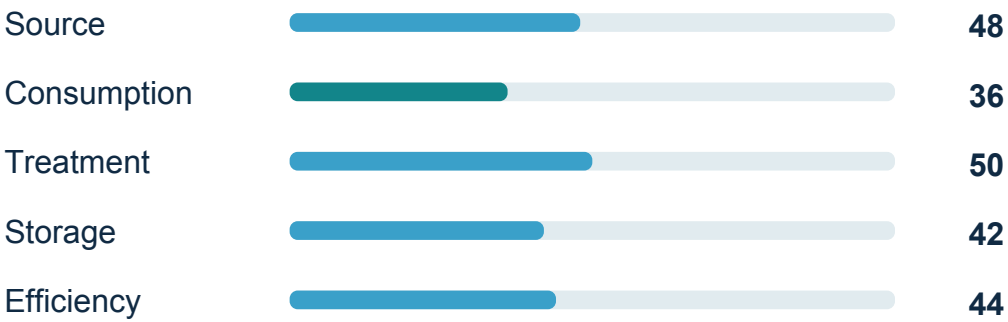
Five pillars show where the site has reliable water data and where an intervention can improve its score.

ILLUSTRATIVE BASELINE

44 / 100

Level 2 / Aware

Pillar balance



Start with consumption

Meter the three production lines separately and add a meter to the boiler feed. Check shutdown flow after repairing the suspected Line 3 leak.

ILLUSTRATIVE SAMPLE PACK

Leadership briefing

Three decisions move this site from an initial water balance to a reduction plan the operations team can verify.

SOURCE

Restore trust in incoming volumes

Replace the faulty borewell meter and meter the tanker inlet. Reconcile deliveries against the site water balance.

STORAGE

Stop rooftop tank overflow

Fit a level sensor and automatic pump cut-off to the domestic overhead tank, which currently runs on a timer.

EFFICIENCY

Reduce cooling tower blowdown

The tower runs at 3.1 cycles of concentration against a target of 5. Use conductivity-based control and measure the change.