



CITY OF CAPE TOWN
ISIXEKO SASEKAPA
STAD KAAPSTAD

Kenney O'kenedy
Technical Director
ZUTARI

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Associate
ZUTARI

ZUTARI
IMPACT. ENGINEERED.

COCT - BULK WATER SYSTEM



Bulk Water SCADA

Access Bulk Water SCADA



Monthly Meter Capturing

Interface to input meter information



Monthly Report

Bulk Water Depot monthly operations
report



Zandvliet Reporting Dashboard

Access Grafana dashboard for Zandvliet
WWTW



Structural Assessment

Perform inspection or view reports



Dam Safety Report

Perform inspection or view reports



DSS

Bulk Water Decision Support System



Bulk Water Forms

Bulk Water Sampling CoC, Pre-Audit Form &
Data Requests



21:52:01
Wednesday, 16 Oct 2024
Logged In Kenney - Administrator

Overview

Dam Levels

Reservoir Levels

Blackheath

Brooklands

Constantia Nek and Monterey

Bulk Distribution

Faure

Glengarry

Helderberg

Kloofnek

Melkbos and Witsand

Molteno

Newlands

Eastern Highlevel and Oranjezicht

Pella and Hospital

Platteklouf

Silwerstroom and Midlands

Steenbras

Steenbras Wellfields

Tygerberg

Voëlvllei

Wemmershoek

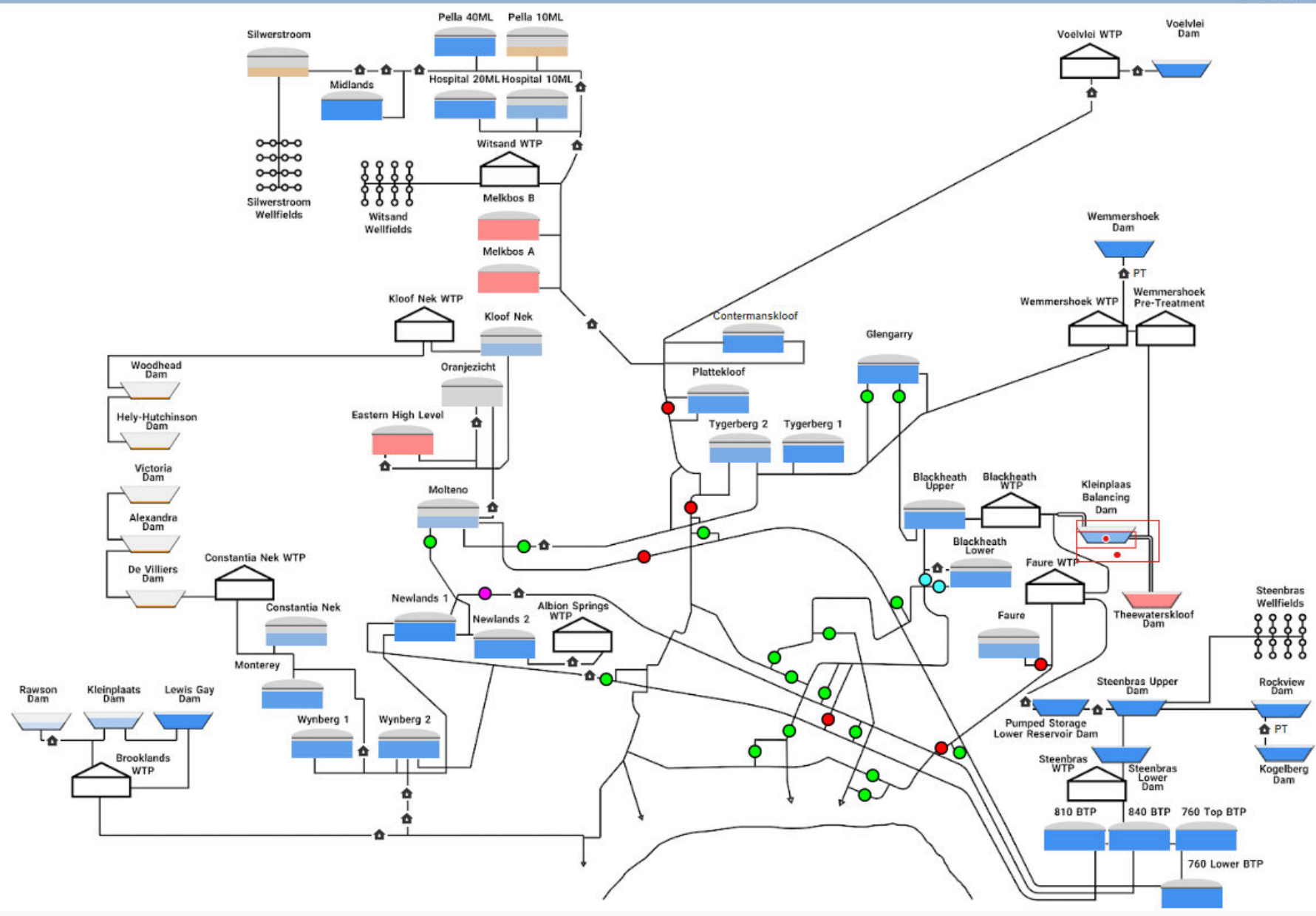
Wynberg

Alarms

Operator Login

Operator Logout

COCT - BULK WATER SYSTEM



CONTROL VALVES

Open

Closed

Partially Open

Future

Unknown

FLOW TRANSMITTER

Operational

Alarm

PRESSURE TRANSMITTER

Operational

Alarm

PUMP STATION / PUMP

Pump Station P/S

Pump Turbine PT

Wellfield

PIPES

EXISTING

FUTURE

RETICULATION

TUNNEL

BLANK FLANGE

STORAGE Dam

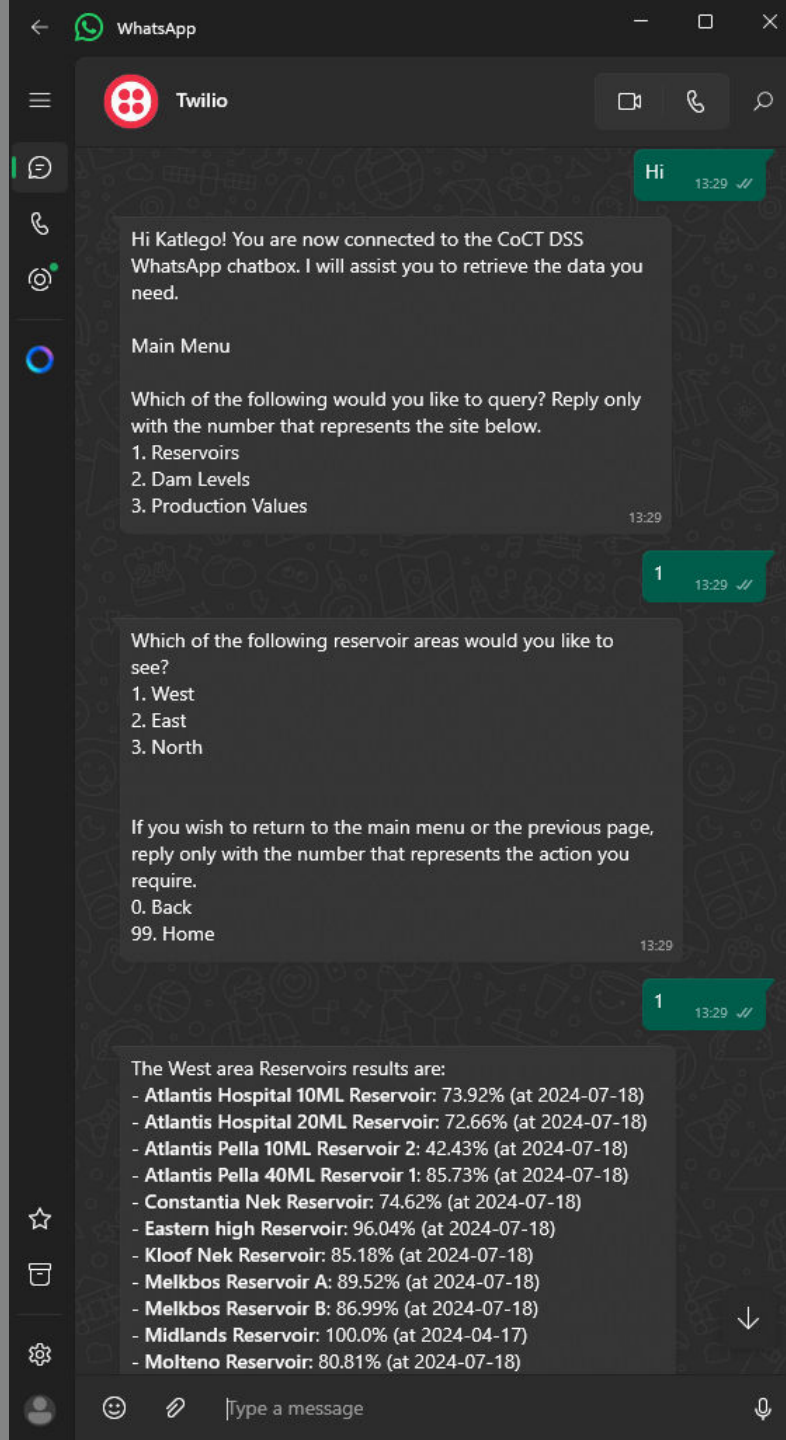
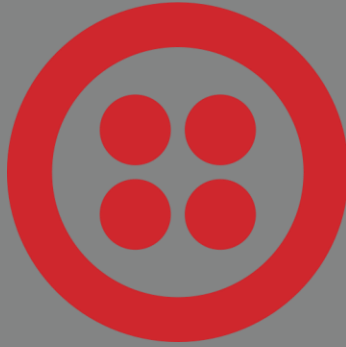
Reservoir

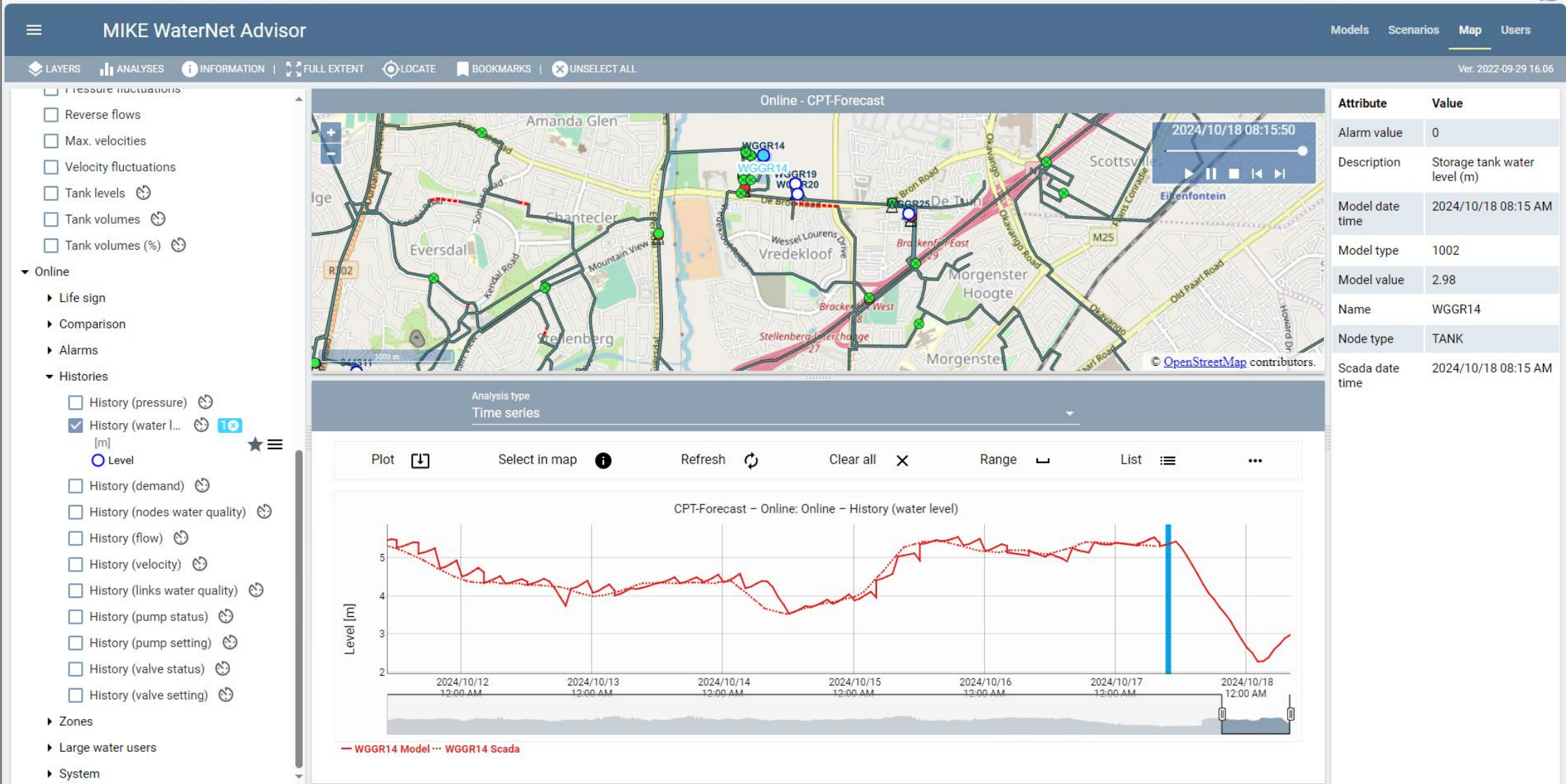
PROCESS PLANT

WATER TREATMENT PLANT

2.10 ML/d

⬆





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ELEV 8

THANK YOU.

