



Sustainability at the V&A Waterfront

November 2017



180
rugby
fields

- 300 acres ... a large sized town
- 21 800 people work here every day
- 1 500 people live here
- 180 000 visitors a day in peak season or 25 Million visitors a year

a clear vision

Energy
Water
Waste
Landscaping
Carbon footprint
Transport



Education
Economic impact
Social responsibility
Job creation
Innovation
Heritage
Development
Awards
Staff committee

Water

Unpacking the detail...

Water Meters in all Tenant Premises
Pressure Reducing Valve Stations
Online Pressure Monitoring
Water Efficient Fixtures
Waterless Urinals

Boreholes
Cooling Tower Bleed Off
Rain Water and Grey Capture

7000 m² Drip Irrigation
Automated Irrigation
Irrigation Metered
Indigenous Planting

468 408 kl
Total Water Saved
Jan 2010 – Dec 2017 *
***projected**

Fixtures

PRV Strategy mitigates
against leaks

**Grey
Water**

2nd borehole activated
All retail car washes using
recycled water
CT Strategy saves 9000 kl p.m.

**Land
Scapes**

Irrigation consumption
reduced by 18% (2015)
Irrigation off during Winter



157
olympic
swimming
pools



TAP INTO CHANGE

OUR DAMS ARE DANGEROUSLY LOW. SAVE EVERY DROP OF WATER WHILE YOU STILL CAN.

Turn off taps. Fix leaks. Install efficient water fittings. Re-use grey water where possible.



- Keep discovering -



- saved 392 347 kilolitres from 2010 – 2016 ...
- 7 847 swimming pools
- toilet fittings changed
- visitor and staff education plays a big part
- water treatment plants