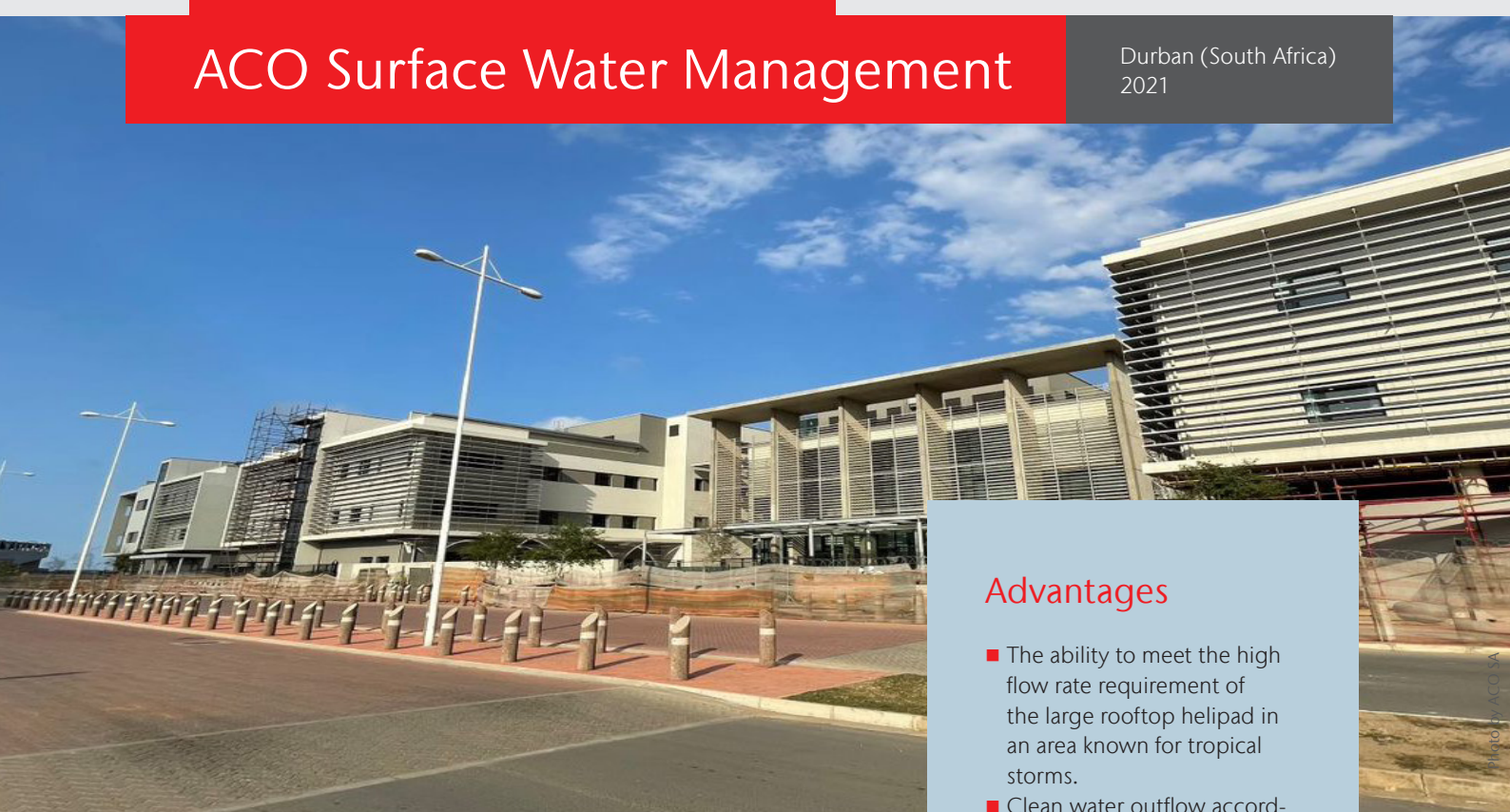


# Practical experience: ACO Surface Water Management

Durban (South Africa)  
2021



## Advantages

- The ability to meet the high flow rate requirement of the large rooftop helipad in an area known for tropical storms.
- Clean water outflow according to European Standards
- Monitoring of oil and water levels with integration into the hospital's waste management system.
- On-Site support, training, and backup from an ACO Representative and Technical Manager

### In case of emergency:

## Dr. Pixley Ka Seme Memorial Hospital

Reliable and safe rainwater treatment that protects groundwater from pollution even during tropical storms.

ACO's South Africa team in Durban was rewarded with the opportunity to convince the engineers at Royal Haskoning to team up for a major Project. They were able to supply a solution for the requirements of the rooftop helipad at the new Multi-Billion Rand Dr. Pixley ka Seme Memorial Hospital in Durban South Africa.

The hospital serves one of the most densely populated areas: Kwa Mashu Township just north of Durban. The challenge was to provide a solution to deal with the worst-case scenario, a harsh tropical rainstorm that is common in the summer months, and the loss of fuel from aircraft on the helipad. The original specification called for an American product, but the engineering team and client were encouraged

to offer ACO's solution due to the presence of an established sales and support office in the Durban market.

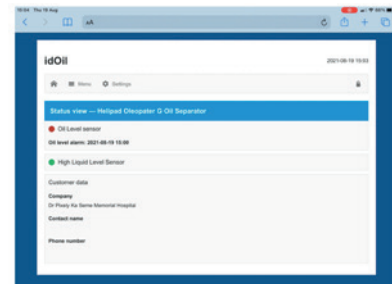
Furthermore, ACO was able to promote its offer of alarms and sensors to monitor the water quality and levels in our Oleopater G Light Oil Separator and the possibility to integrate this into the Hospital's Waste Management System. All of this convinced the team to specify the ACO solution as their preferred option.

The Oleopater G NS30 was successfully installed with the idOil Alarm System and handed over to the main client. The professional team is very pleased with the solution and service provided by ACO.





The Helipad



iPad Screen Grab of the interface with the Alarm System



Oleopator G installed in the basement

## Information at a glance

**Object:** Dr. Pixley Ka Seme Memorial Hospital- Helipad oil separator, Durban, South Africa

**Customer/ Investor:** Department of health, Republic of South Africa

**Contractor/ Installer:** Rockhard Plumb-ers subcontracting for enza construction

**Planner:** Royal Haskoning- Joe Mathias Wet Services Engineer

**Year of construction:** 2021 (Part of a 4-year construction program)

### ACO Product:

- ACO Oleopator G Light Oil Separator NS30 with idOil-D30 Alarm System

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