

TERMS OF REFERENCE FOR A DIRECTED WRC PROJECT

THEME: Water Use

TITLE A scoping study investigating alternative and innovative municipal sewerage tariffs

TOR NUMBER: 1010020

Rationale

The sector need to evolve from current approaches where sanitation tariffs are based on a percentage of return flows of water consumed. Globally sanitation tariffs are more than two or three times higher than that of drinking water. This not only ensures that full costs and compliance of wastewater treatment is accomplished, but also increases water usage behaviour to reduce wastewater generated. This scope of this study is to better understand global approaches being used to determine wastewater tariffs, capture essential learnings of benefit to South Africa and come up with recommendations for alternative sanitation charges which are more appropriate in maintaining wastewater systems.

Objectives

1. Undertake a knowledge review on the developments of wastewater tariffing.
2. Identify and highlight new approaches and capture case studies on the implementation of such approaches.
3. Establish how these approaches could be used in South Africa in the context of climate challenges and changing future environments where sanitation evolves to greater adoption of non-sewered solutions
4. Recommend how these new approaches can align to the wastewater and tariffing legislative processes, as well as the WRC guidelines of wastewater tariff determination.

Expected Deliverables:

1. A high level evidence based position paper on innovation in wastewater charges.
2. Any specific guidelines and recommendation
3. Knowledge review on sanitation tariffs and global case studies.
4. Two webinars
5. Policy formulation where needed.

Total Budget: R 500 000.00 (Including VAT)

Year 1 : R 300 000.00 (Including VAT)

Duration: 14 months