

Effluent Treatment Plant Consumer goods supplier Cosmetics Industry

Veolia Services Southern Africa provides customized operational and maintenance services to a large Consumer Goods Manufacturer at their plant in Johannesburg.

| The Challenge

The Client is required to consistently meet industrial effluent permissible limits and set key operational targets for operational performance, quality assurance, as well as maintain a good standard of health and safety on-site. This is part of an integrated approach to supply ultrapure water to manufacturing facilities.

| Veolia's Solution

Supported by internationally-recognised best practices, Veolia's holistic approach is to address the specific site needs, and develop an operational and maintenance strategy inclusive of:

- **Qualified and experienced on-site resources** for operational tasks
- **Technical expertise** access when required
- **Structured routine maintenance plan** to mitigate any potential risks and ensure plant operational availability
- **Quality monitoring** comprehensive sampling analysis
- **Chemicals procurement and management** internationally recognised products: Veolia Hydrex®
- **Cost-saving opportunities** through Total Cost of Ownership (TCO) initiatives
- **Key Performance Indicators** that are measurable and practical
- **Routine Safety Health Environmental (SHE) audits** and OSHACT Compliance



4m³/hr DAF

Plant Design Capacity

**Holistic O & M
Approach**



| The Benefits

The opportunity brings forth the following summarized benefits:

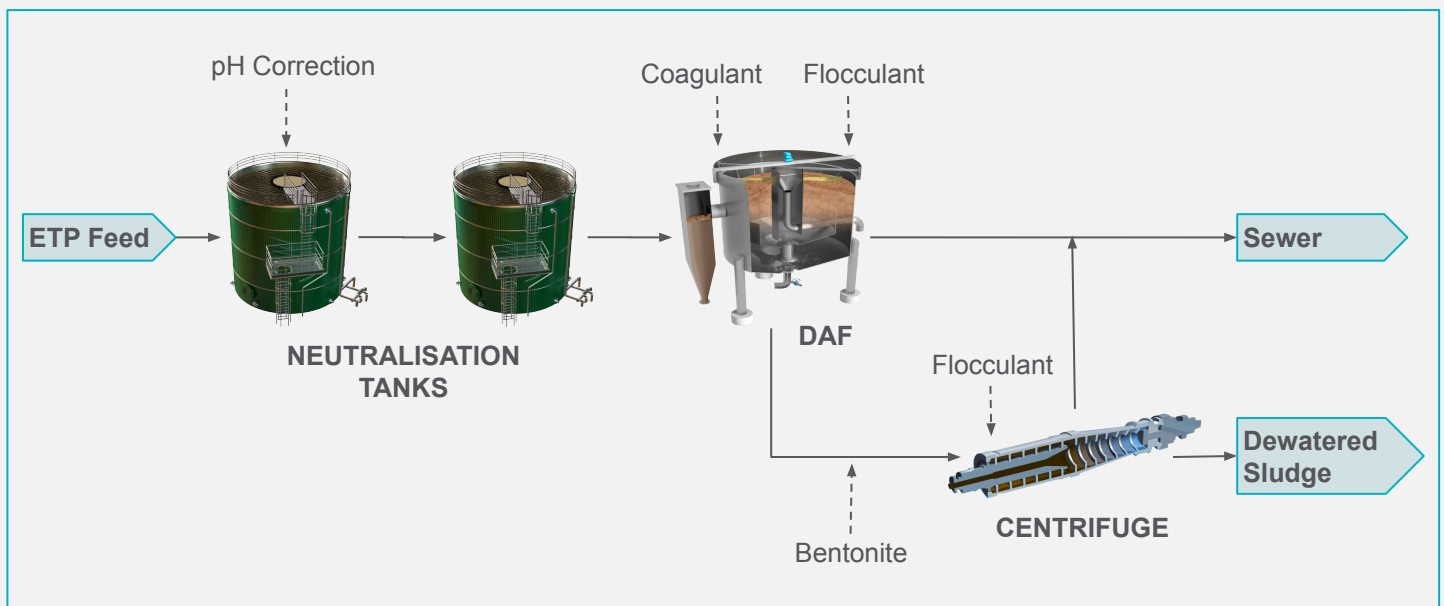
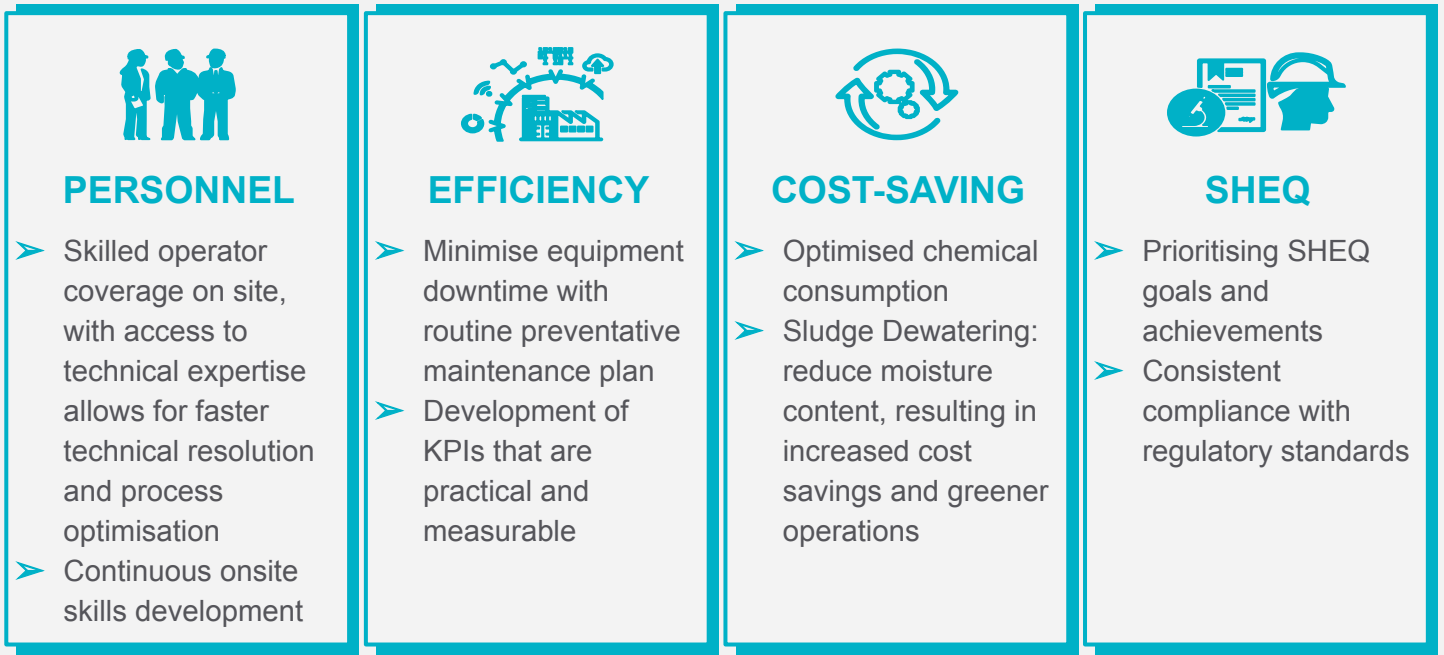


Figure 1 Effluent Treatment Plant (ETP) Process Schematic (Above)

VEOLIA'S PURPOSE : contributing to human progress by firmly committing to the **SUSTAINABLE DEVELOPMENT GOALS (SDGs)** as set by the United Nations to achieve a better and more sustainable future for all. Below is a summary of Veolia's contribution to achieving these objectives through this specific opportunity:

“ *The notion of balance is key to our commitment to multifaceted performance* ”

Olivier Brousse,
Strategy an32150011d
Innovation



ENVIRONMENTAL

SDG No. 12: Responsible Consumption and Production by combating pollution, protecting environments, and sustainably managing effluent



COMMERCIAL

SDG No. 8: Decent Work and Economic Growth & SDG No. 9: Industry, Innovation and Infrastructure by guaranteed compliance through solutions and services