



Company Profile



About Us

Ulmo Water is an EPC (Engineering, Procurement, Design) and Design Build contractor focusing on turnkey solutions in the water and wastewater treatment industry. Based in Cape Town, our multi-disciplinary team understands the value of designing from first principles and offering custom engineered solutions to our clients.

We strongly believe in the design build approach, as efficient design requires contracting and operating experience. In this approach we offer our clients effective solutions that contribute to their triple bottom line.



Services



Design Build & EPC

Our key focus area is the design and build of water and wastewater treatment plants. In our turnkey offering, we take care of our client's water needs through all stages of the project life cycle. From feasibility study, concept design, detail design, through to construction & commissioning and plant operation & maintenance. Together with our professionally-registered team and trusted partner network we deliver a holistic solution encompassing process, civil, mechanical and electrical engineering disciplines.



Consulting

We offer specialist professional engineering consulting services for the water and wastewater industry, which includes:

- Advisory services
- Process design and reviews
- Project costing & feasibility studies
- Concept and detailed design
- Treatment plant audits and optimisation
- Pilot trials and studies



Operation & Maintenance

Our service offering includes management of the operation & maintenance of water and wastewater treatment works. Due to the complexity of certain treatment technologies and the variability experienced in water quality, trained processes controllers and operators are required to ensure plants operate optimally in order to minimize plant downtime. Using advanced telemetry and automation systems we provide efficient reporting and data analysis of plant performance. Our teams take on the responsibility of operating and maintaining treatment plants on our client's behalf, allowing them to focus on their core business.

Markets

Ulmo Water serves four key markets:

Municipal



- Wastewater Treatment
- Water Treatment
- Sludge Processing

Industrial



- Food & Beverage
- Textiles & Laundry
- Abattoirs
- Pharmaceuticals

Mining



- Tailings Treatment
- Process & Drinking Water Supply
- Contaminated Effluent Treatment

Property Development



- Residential Developments
- Commercial Developments

Treatment Technologies

Ulmo Water uses proven, state-of-the-art treatment technologies in our treatment plants to ensure the client's water treatment objectives are met. Our experience with these technologies coupled with our first principles-based approach, allows us to design a process that will best suit our client's needs.

Ulmo Water utilizes the following treatment technologies in our water and wastewater treatment solutions;

- Screening
- Clarification
- Media Filtration
- Dissolved Air Flotation (DAF)
- Ion Exchange
- Disinfection (UV, AOP, O3, Chlorine)
- Chemical Dosing & Mixing
- Conventional Activated Sludge
- Aerobic Granular Sludge
- Membrane Technology (UF, RO, MBR)

