

Company Profile

Calcamite

SANITATION + WASTEWATER

Operated and Owned by JoJo

Why Choose Calcamite?

Calcamite designs and manufactures advanced, cost-effective wastewater treatment systems that protect our environment, reduce operational costs, and support communities where traditional sewage infrastructure isn't viable.

Our Systems are Designed to

1 Reduce pollution and protect groundwater

2 Lower installation and operational costs

3 Ensure long-term regulatory compliance

We support engineers, developers, and property owners across South Africa with modular, pre-assembled plants that scale with your needs.

Our Belief

We believe packaged sewage treatment plants can meaningfully improve quality of life and protect the natural environment—especially in:

- Remote or underserved communities
- Water-scarce regions
- Areas with overloaded sewage infrastructure or limited technical capacity

Our Values

We are committed to designing and manufacturing systems that:

- Produce safe, reusable effluent
- Are easy to operate and maintain
- Deliver sustainable performance across their lifespan

Calcamite

Our Vision

We envision a South Africa where:

- Streets, rivers, and dams are free of sewage
- Treated wastewater helps irrigate green spaces
- Every rural school has a lush, grassed sports field - after all, how else will we find the next Siya Kolisi?

Our Purpose

We help protect life-giving water sources and ecosystems by preventing sewage pollution.

We empower communities with on-site, self-contained, and cost-effective wastewater treatment systems that support responsible wastewater management, recycling, and reuse.

Wastewater & Sanitation Solutions for Different Industries



Commercial & Light-industrial



Mining



Housing Developments



Clinics and Hospitals



Shopping Centres



Game Lodges



Schools



Individual households

For more information visit calcamite.co.za

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Our Core Solutions

Wastewater Treatment Plants

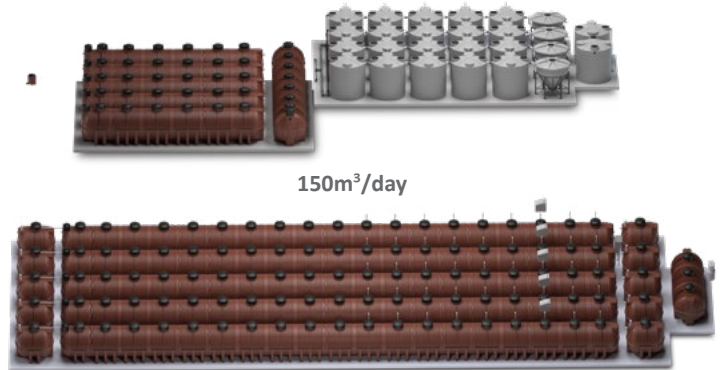
Modular, scalable Wastewater Treatment Plants available in underground, above ground and hybrid configurations.



2m³/day



20m³/day



150m³/day

200m³/day

Other Products



Septic & Conservancy Tanks



Underground Modular Tanks

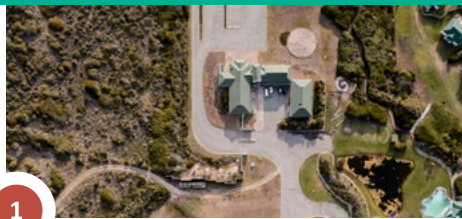


Sand, Oil and Grease Traps



Infrastructure Products

What Sets Us Apart



1

Safe Water Reuse Without Groundwater Contamination

Effluent from our systems is safe for:

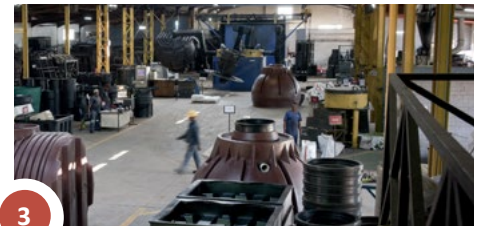
- Irrigation
- Dust suppression
- Toilet flushing
- Other non-potable applications



2

Sustainable, 100% Biological Treatment Processes

- No chemicals or toxic waste
- Robust under variable load conditions
- Consistently meets effluent standards



3

Low Capital Costs Compared to Conventional Systems

- Locally engineered and manufactured
- Modular, preassembled units reduce cost, time, and labour
- Systems scale with project demand, avoiding oversized CAPEX



4

Low Operational Costs

- Efficient electrical/mechanical components
- Gravity-fed designs where possible
- Fine-bubble aeration for better oxygen transfer and energy efficiency
- Anaerobic digestion as a primary treatment step to reduce sludge volume



5

Full Maintenance Plans with Expert Oversight

- Compliant with regulatory maintenance requirements
- Remote monitoring and performance control
- Support from qualified process controllers and engineers
- Predictable maintenance costs

Speak to a wastewater specialist

Schedule an on-site consultation, and our experts will guide you in managing your site's unique challenges.

Contact us for a FREE project assessment!

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