



COMPANY PROFILE

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OUR TEAM

The primary asset of our company resides in our team, consisting of committed, seasoned, and exceptionally motivated professionals. The diversity in experiences and backgrounds has harmoniously fused with our guiding principle, guaranteeing comprehensive and sustainable solutions rooted in continual improvement and the cultivation of knowledge.



Edwin Otieno O.
Director

BSc. Environmental Science
MSc. Climate Change Adaptation
EIA/EA Lead Expert

Lydia Nancy Kihu
Projects Manager

MSc Occupational Safety and health (OHS)
PGd Occupational Health and Safety
BSc Environmental Science
NEBOSH Certified
EIA Associate Expert
DOSH Expert

Sally Iringo
Chief Administrative Officer

Ba. Economics and Sociology,
Bachelors Of Law LLB.

Eugene Omondi
Project Officer

BSc Environmental Science
ISO 22000:2018 Internal Auditor
NEBOSH Certified
EIA/EA Associate Expert

Francis Ndagi Gitau
Projects Officer

BSC Civil Engineering
NCA registered Civil Engineer
OHS Auditor

Catherine Juma
Projects Officer

BSc. Environmental Studies
EIA/EA Associates Expert.

Raymond Munene
Projects Officer

BSc Environmental Science
Occupational health and Safety
Quality management Systems
EIA/EA Associate Expert

1 INTRODUCTION

Lwitsan Consultants Limited operates as a consulting firm specializing in environmental, social, health, safety and wastewater management services, with its base in Kenya. Our team comprises dedicated professionals, including environmental scientists, health and safety experts, engineers, and skilled artisans in the built environment. We are committed to ensuring a sustainable future, regulatory compliance, and fostering economic improvement in both the organizations and communities we engage with.

Through dedicated research and ongoing innovation, we have perfected the skill of creating tailored and budget-friendly solutions, ensuring cost-effectiveness, minimal project footprint, and the achievement of desired outcomes.

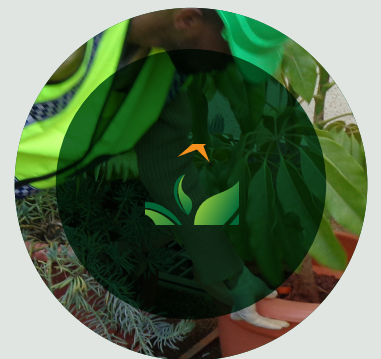


2 THE JOURNEY

The inception of Lwitsan took shape as an idea in 2019, initiating a journey defined by our steadfast commitment to a broader vision. This is the reason we express it this way: Our past serves as a valuable lesson that continually informs our decisions, the present is a gift we eagerly unwrap with joy, enthusiasm, and determination, and the future is a promise we are excited to unfold alongside you.

3 OUR DRIVING FORCES

We aspire to narrow the divide towards attaining sustainable cities. Our solutions in environmental, social, health, safety, and wastewater sectors are grounded in research, openness to innovation, collaborations, and a commitment to sustainability. Our robust and enthusiastic team derives strength from a shared objective: ensuring client satisfaction, cultivating enduring relationships, and expanding our network. Prioritizing client needs, uniqueness, and satisfaction remains central to our approach.



4 OUR CORE BUSINESS

Meeting the needs and aspirations of our clients is the epitome of our existence. Staying cognizance of environmental protection, cost-effectiveness, and regulatory requirement, we have developed solutions in the following service area;



Environmental Sustainability & Compliance



Our team of licensed experts and seasoned professionals assists clients in ensuring compliance with regulatory requirements and implementing sustainable practices at various project stages. Our engagement encompasses current best practices, keeping clients informed about sector-specific legal and regulatory demands, fostering sustainable cultures, ensuring proper documentation, reporting, obtaining diverse licenses, and developing internal policies and regulations. These services are meticulously designed to cut costs, promote harmonious coexistence with the environment and local communities. Consequently, we provide the following services:

- Environmental and Social Impact Assessment (EIA)
- Strategic Environmental and Social Assessment (SEA)
- Environmental Audit (EA)
- Environmental Health and Safety Audit and Advisory Services
- Environment, Social, and Governance Reporting (ESG)
- Occupational Health and Safety Audit (DOSH Compliance)
- Fire Audit and Training
- Processing of Government Regulatory Permits and Licenses

Waste Water Management



We provide state-of-the-art wastewater management solutions for projects and clients in non-sewered areas, recognizing the necessity for sustainable solutions in the expanding construction industry. In response, we have developed customized wastewater management solutions tailored to the needs of each client and specific project site. Our onsite wastewater management solutions include:

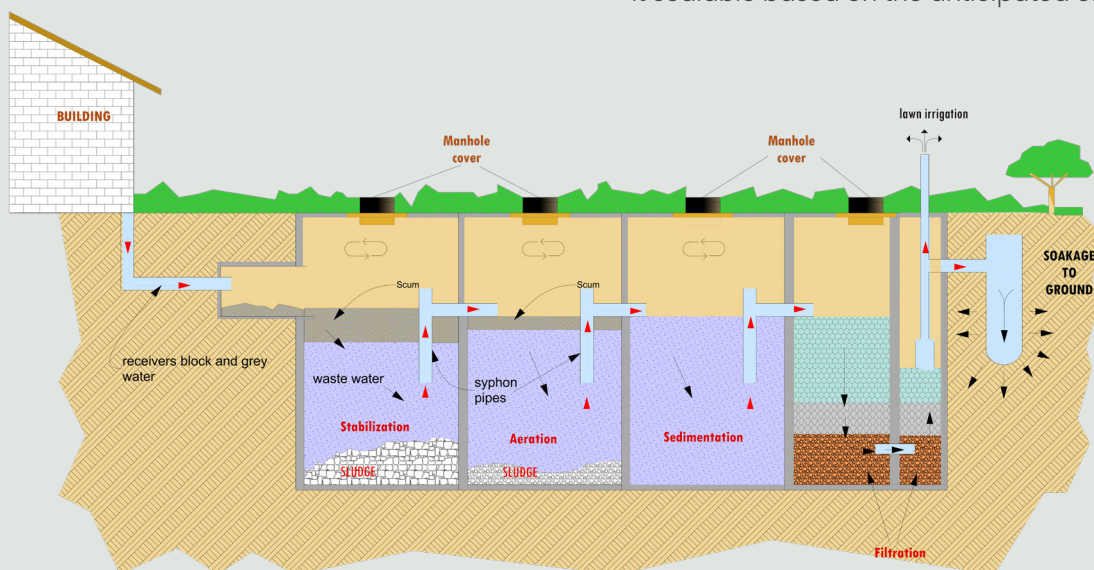
- Designing and implementing domestic wastewater treatment and recycling plants for both single dwelling and multi-dwelling establishments.
- Repair and maintenance of wastewater systems.
- Providing guidance on wastewater recycling and the safe disposal of municipal effluent.
- Processing effluent discharge licenses and addressing other regulatory requirements in wastewater.



WASTEWATER TREATMENT PLANT

Incorporating experience and ongoing research, our wastewater treatment process mimics the natural self-purification phenomena observed in water bodies. This involves the transformation of organic matter into an inert mineralized product. Our technology is engineered to facilitate the purification process under controlled conditions and at accelerated rates.

The wastewater treatment process is divided into four distinct stages: **STABILIZATION**, **AERATION**, **SEDIMENTATION**, and **CLARIFICATION**. These stages correspond to a multi-chambered wastewater structure. The number of chambers is determined by the system's capacity, making it scalable based on the anticipated effluent flow.



MULTI-CHAMBERED WASTE WATER TREATMENT PLANT

OUR WASTEWATER CLIENTS

NG'YA SIAYA COUNTY



A wastewater treatment and recycling plant for a 5-bedroom House in Siaya. The project was commissioned in March 2022. Treated water is recycled for lawn irrigation.



BAOBAB ESTATE KAREN



Wastewater treatment plant for a 5-bedroom maisonette within baobab estate Karen. Treated water is recycled for lawn irrigation.



PEMA RESIDENCE KAREN



Commissioned in 2018, this project comprises a wastewater treatment and recycling plant supporting 10 units of 3- & 4-bedroom townhouses. We maintain the site ensuring routine treatment and inspection and timely acquisition of effluent discharge license for compliance. The client is happy, the wastewater treatment plant is odour free and has a recreation area right at the top.



| CLIENT | PROJECT DESCRIPTION | LOCATION | WATER USAGE |
|----------------------------|--|------------------------|--|
| Terian Estate | Residential estate comprising 470 1 & 2 bedroomed units. | Kitengela | Maintaining green areas and dust attenuation |
| Sultan Parkers | Meat processing and packaging facility | Kerarapon Karen | Ground soakage |
| Jeremiah Nzioka | 4 bedroomed private home | Kenanie | Maintain fence and green areas |
| Deliverance Church Airview | Place of worship system designed for 1500 congregation | Kitengela | Flushing toilets, green areas, and soakage to the ground |
| Agnela Nganga | 5 bedrooms maisonette | Chuna Estate Kitengela | Green areas and soakage |
| TSA Karen | 20 units 4 bedroomed staff houses and office block | Marist Lane Karen | Lawn irrigation |
| Wings Court | Residential flat comprising 12 2 bedroomed apartments | Bomet | Discharge to ground |
| The Forest | An adventure and recreational facility | Kereita Forest | Ground Soakage |
| Job Kamau | 5 bedroomed Maisonette | Ongata Rongai | Lawn Irrigation |
| Magnet Ventures | Residential estate comprising 22 Nos 4 bedroomed units | Redhill-Limuru Rd | Ground Soakage |
| Mamaori Apartments | Residential apartments comprising 62 Nos 2 & 1 bedroomed units | Ongata Rongai | Lawn Irrigation |
| Ms. Lydia Wanja | Residential flat comprising 42 Nos 2-bedroomed units | Ongata Rongai | Ground Soakage |

OUR EIA TRACK RECORD

Our dedicated team of licensed experts and seasoned professionals collaborates with clients to ensure, among others, compliance with regulatory requirements and champion sustainable practices across various project stages. Below is a list of some of our EIA clients and projects. It is our testimony of a heart of commitment and expertise as we navigate the intersection of compliance, sustainability, and success in every project we undertake.

| # | PROJECT TITLE | PROPONENT/ CLIENT | NATURE OF PROJECT | COUNTY | YEAR | STATUS |
|----|---|-----------------------------------|---|---------|------|--------------------------|
| 1 | Administration Block | Sportsview Hotel Kasarani | Two storey hotel administration and conference room block | Nairobi | 2019 | Approved- license issued |
| 2 | Proposed Place of Worship | Eagles Ministry | A church sanctuary of 1500 capacity | Kiambu | 2019 | Approved- license issued |
| 3 | Proposed School block Doxa Academy | Deliverance Church Kitengela | Two storey block of a capacity of 24 classrooms. | Kajiado | 2021 | Approved- license issued |
| 4 | Proposed PCEA Kanjeru Girls | PCEA Church | Complete Girls Secondary School | Kiambu | 2022 | Approved- license issued |
| 5 | Proposed Place of worship | Deliverance Airview Church | Construction of sanctuary and administration block | Kajiado | 2021 | Approved- license issued |
| 6 | Proposed PCEA Matasia Boys | PCEA Church | Complete Boys secondary School | Kajiado | 2021 | Approved- license issued |
| 7 | Proposed Water abstraction and plantation | Natures Oil | Water abstraction from the mara river for plantation irrigation of special tree | Narok | 2023 | Approved- license issued |
| 8 | Proposed Chapel | Alliance High School | School charpel with a sitting capacity of 4500 | Kiambu | 2023 | Approved- license issued |
| 9 | Proposes ACK Holy Trinity Academy | ACK Holy trinity Parish Kitengela | Proposed 2 storey Junior Secondary School block | Kajiado | 2023 | Approved- license issued |
| 10 | Proposed oil recycling plant | Cougor Oil Ltd | Used oil recycling plant | Kiambu | 2023 | Approved- license issued |
| 11 | Proposed restaurant block | Olepolos Country Club | One storey restaurant block | Kajiado | 2023 | Approved- license issued |

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The greatest threat to our planet is the belief that someone else will save it.

- Robert Swan

Sustainability. Our Footprint

