



**UGU DISTRICT MUNICIPALITY**

**MARGATE EXT 3&7 SEWER RETICULATION AND PUMP  
STATION 3A UPGRADE PROJECT PROFILE**

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## 1. INTRODUCTION

### 1.1 Background

The town of Margate is serviced by both water-borne sanitation as well as by septic tanks and conservancy tanks.

The conservancy tanks are de-slugged monthly by vacuum tanker and the residents are billed for this service. In some instances, residents will require the second monthly draw in a month. The conservancy tanks frequently overflows and this has contributed to the pollution challenges in Margate with accompanying odours.

Most of the wastewater flows from Margate gravitate to Pump Station 3A which conveys the flow to Pump Station 4A, which ties into the Margate WWTW via the rising main. The balance of the wastewater flows directly into the Margate WWTW.

Wastewater flows from Catchment-1, will gravitate to Pump Station 3A via the existing network within this area while flows from Catchment-2, 3 & 4 will gravitate to pumpstation 4A.

The existing bulk sewer reticulation which will convey the new wastewater flows is deemed sufficient to cater for the additional flows from the project areas.

### 1.2 Project Location

The project is situated in Margate, Ray Nkonyeni LM, Ward 6 within the Ugu District which is located on the South Coast of KwaZulu Natal.

## 2. Contract details.

### 2.1 Contract Information

Contract period	:	17 Months
Contract Value	:	R 118 587 828.63
Contract Number	:	UGU-07-1604-2022

### 2.2 Project Team

The Project Team comprised of the following:

- Ugu District Municipality
- Dartingo Consulting Engineers
- Pilcon Projects

### 2.3 Project Milestone

The Project milestones have been tracked as follows: -

Appoint Consultant	:	31 August 2009
Appoint Contractor	:	19 December 2022
Construction Period	:	24 March 2023 – 30 August 2024
Practical Completion	:	31 August 2024
Close out	:	30 August 2025

### 3. Scope of Work

The planned scope of works is to provide sewer reticulation infrastructure to approximately 489 plots in Ward 6, within the Ugu District Municipality, that are currently without the waterborne sanitation. The reticulation system will discharge into the Margate WWTW. There is also Mechanical and Electrical components to be upgraded on the Margate 3A sewer pump station.

3.1 The scope of works consists of the following components:

- Construction of 14,5kmx160mm diameter uPVC reticulation network.
- Construction of 2,6km x 200mm diameter uPVC reticulation.
- Construction of 489 No. x 110mm diameter uPVC internal house connections.
- Manholes and all associated works.
- Mechanical and Electrical components.

### 4. Project Objectives

- To provide an adequate, reliable and safe sanitation system for the project area.
- To create temporary employment during the construction of the works.
- To ensure financial and institutional sustainability of the sanitation service.
- To ensure cost recovery for the sanitation service delivery.
- Community participation and governance in the provision of the sanitation service.
- To ensure sanitation health and hygiene promotion.

**PHOTOS**









## 5. Project Financials

The total cost of the project is tabulated below,

Description	Amount Inc VAT
Professional Fees	R16 602 296,00
Construction	R118 587 828,63
<b>Total Project Cost</b>	<b>R135 190 124,63</b>

## 6. Conclusion

The contract is still under implementation by all the project stakeholders (Ugu DM, Dartingo CE, Pilcon Projects, etc). The efforts by all parties involved to successfully implement this project is important for the benefit of the communities that Ugu DM is serving.