



Muny Consultants

Background Information Document for the proposed upgrades of the KwaThema to Grundlingh WWTW Bulk Outfall Sewer near Nigel, Gauteng Province

Authority Reference Number:

Provincial Authority GDARD: Gaut: 002/18-19/E0179

Internal Project Number:

TSG 0406

Prepared for:

Tangos Consultants (Pty) Ltd

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INTRODUCTION

The aim of this document is to inform all Interested and Affected Parties (I&APs) about the proposed upgrades of the bulk sewage pipeline draining the areas of Marievale, Dunnottar, Sharon Park, Dunnottar military base and Coca-Cola depot to the Grundlingh Waste Water Treatment Works (WWTW).

The proposed upgrades of the sewage pipeline require an Environmental Authorisation (hereafter EA) and a Water Use Licence (hereafter WUL) prior to commencement of construction works. The EA application will be undertaken in line with the requirements of the National Environmental Management Act, 1998 (Act No. 107 of 1998) as amended (NEMA) and the supporting Water Use Licence Application (WULA) in line with the National Water Act, 1998 (Act No. 36 of 1998) (NWA).

As an interested or affected party, you are requested to please read this document carefully as it provides you with information relating to:

- The proposed project;
- The legal processes that will be undertaken;
- The Public Participation Process (PPP) which will be followed; and
- The registration process for (I&APs).

PROJECT OVERVIEW

The sewer system that is proposed to be upgraded has various sections where it has been severely vandalised, aged infrastructure and evidence of theft (exposed steel pipes). Various sections where the pipeline runs above ground have greatly deteriorated and sewage flows can be seen through the pipes. Further to this, sewer spillages are noticeable on various sections of the pipeline. The Ekurhuleni Metropolitan Municipality have, over the years, carried out major repairs to the aging infrastructure however more sections keep deteriorating thus the need to upgrade the infrastructure with the purpose of meeting

current and future developments. The design capacity of the pipeline will be 135 l/s. The pipeline diameter will range between 315 mm and 900 mm (0.315 – 0.9 m) and the total length that will be upgraded is approximately 14 km.

PROJECT LOCATION

The project site is located south east of Johannesburg, within the City of Ekurhuleni Metropolitan Municipality (Plan 1). The project area is located 5 km north of the nearest town, Nigel (Plan 2).

ENVIRONMENTAL REGULATORY PROCESSES

The activities in terms of NEMA that will be triggered by the proposed project have been listed below:

- Listing Notice 1 (GN R. 327) Activity 10 – it is proposed that ~14 km of the pipeline will be upgraded and will have a diameter ranging between 0.31 – 0.9 m with a capacity of 135 l/s;
- Listing Notice 1 (GN R. 327) Activity 12 – the pipeline crosses numerous watercourses;
- Listing Notice 3 (GN R. 324) Activity 12 – the pipeline is 14 km on a 10 m corridor. It is expected that the aerial extent will be 14ha

Activities identified as water uses in terms of Section 21 of the NWA may not be undertaken WUL or General Authorisation.

The following Section 21 Water Uses will be triggered from the project:

- Section 21(c): impeding or diverting the flow of water in a watercourse;
- Section 21(i): altering the bed, banks, course or characteristics of a watercourse.

PUBLIC PARTICIPATION PROCESS

Stakeholders affected by or who are interested in the proposed project are invited to register as an I&AP to participate in the consultation

process. Activities that are planned to take place as part of the PPP are discussed below.

Notification

All stakeholders are hereby notified of the proposed project and invited to register as I&APs and provide comments on the proposed project. In addition to this Background Information Document (BID) serving as notification, three site notices have been erected along the proposed pipeline route providing background to the project and application processes.

Furthermore, an advertisement will be published in the Springs Advertiser and the Star on the 24th of January 2019 to notify potential stakeholders of the project and invite them to register as I&APs. The abovementioned notifications also contain details of Muny Consultants, where further information on the project can be obtained.

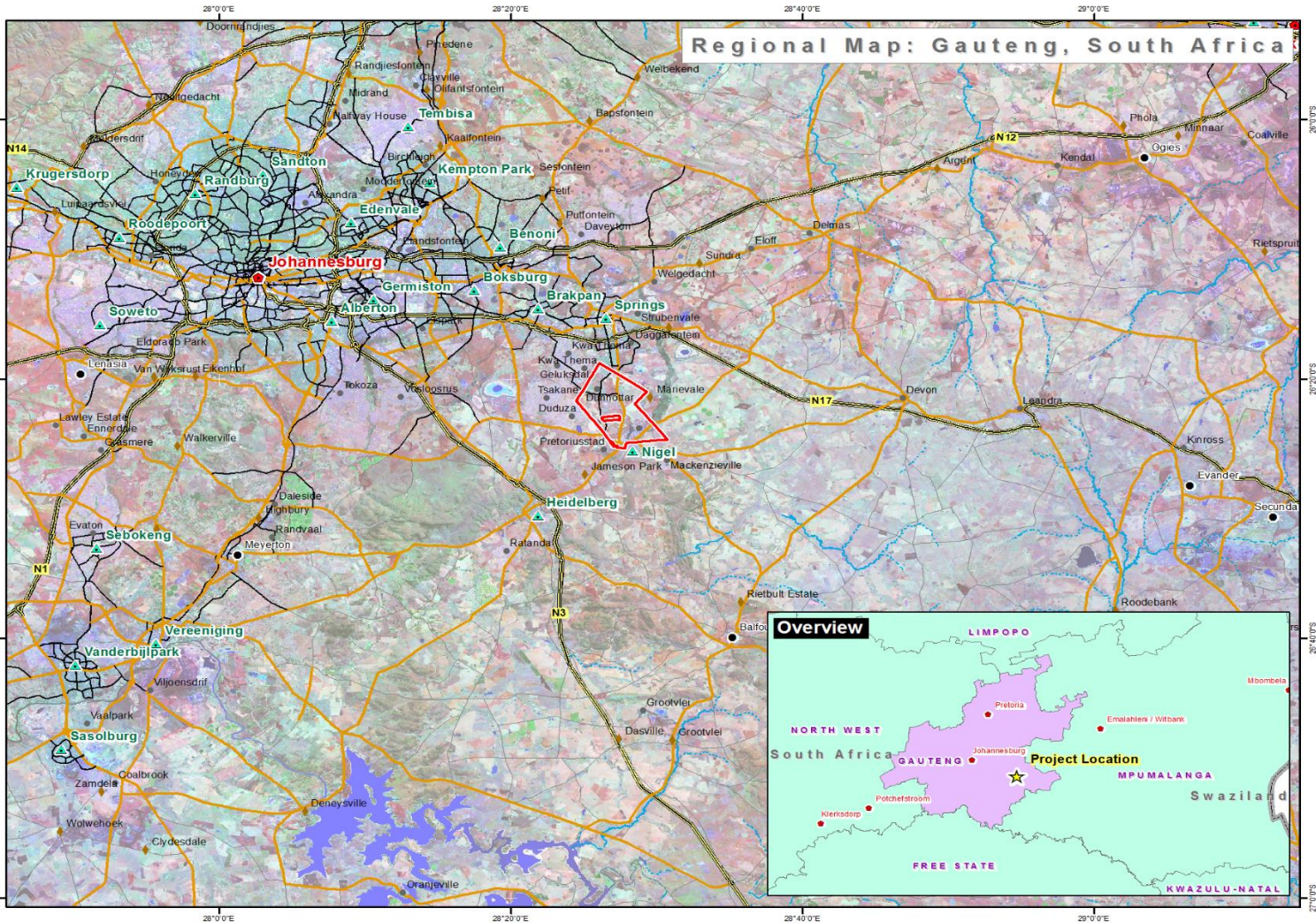
Public Review of Draft Reports

The BAR, Environmental Management Plan (EMP) and WUL Technical Reports will be made available to the public for a **30 day**

comment period from the 25th of January 2019 to the 24th of February 2019 at the Nigel, Alra Park, Dunnottar and Kwa Thema Public Libraries and on the Muny Consultants website: www.munyconsult.com (under Published Documents). Comments received from I&APs regarding the project during this period will be incorporated into the Final BAR

Comments on the Draft Basic Assessment Report and the Draft WUL Technical Report can be submitted through any of the following means tabulated below. Please include the Project Code as a reference (**TSG 0406**):

Method of Communication	Contact Information
Completing Registration and Comment Form	Attached as Appendix A
Write to Muny Consultants	Building 4, Maxwell Office Park, Magwa Crescent, Waterfall City, 2090
Email	mamane@munyconsult.com tinashe@munyconsult.com
Phone	010 005 5770



Legend

- Project Boundary
- ★ Capital City
- ▲ Major Town
- Secondary Town
- Other Town
- ◆ Settlement
- National Road
- Arterial Road
- Main Road
- Secondary Road
- Rivers**
- Perennial
- Non-Perennial



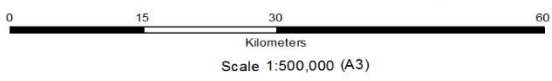
Project:

Kwa-Thema to Grundlingh Sewage Pipeline

Client:



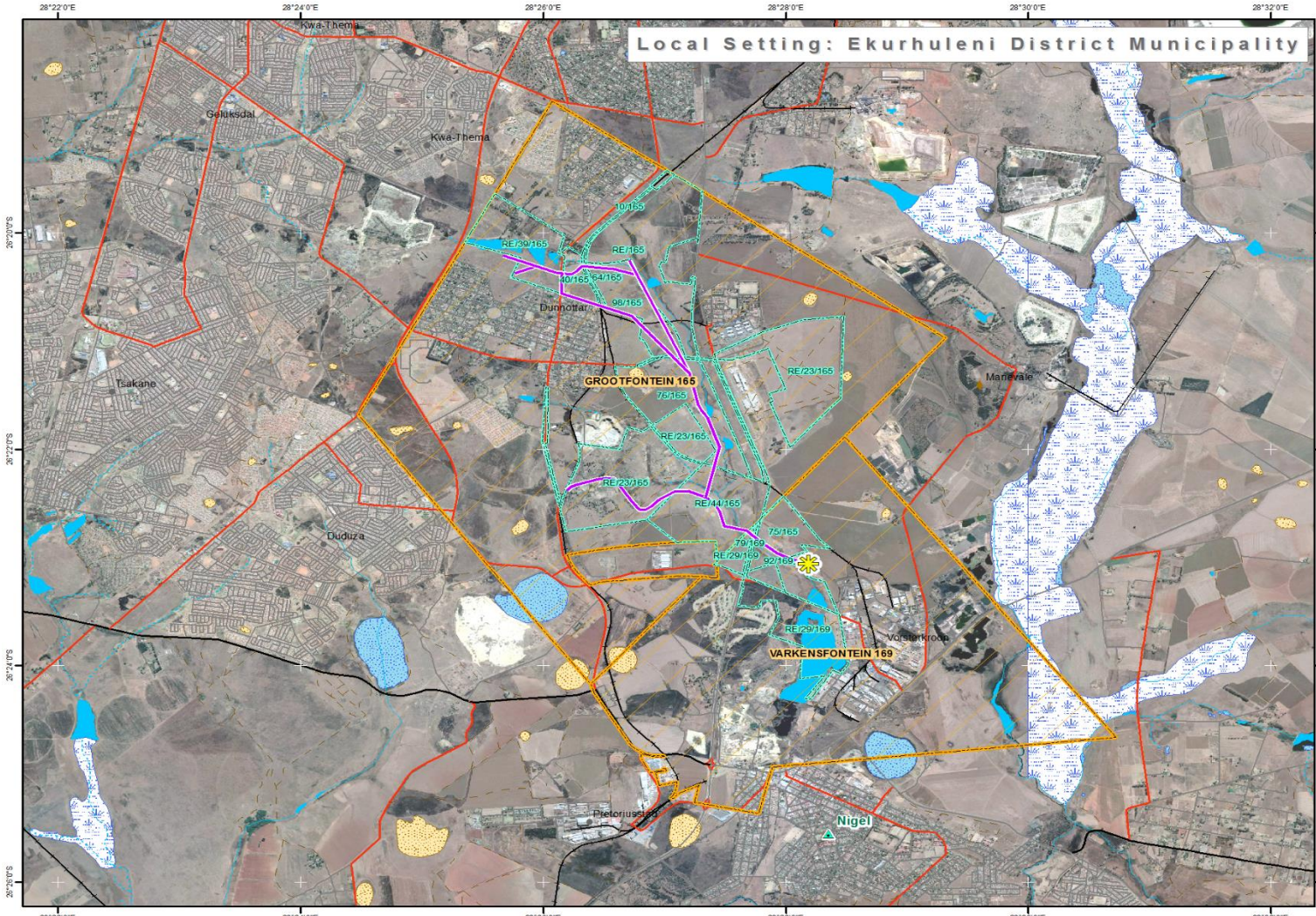
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Coordinate System:
 GCS WGS 1984
Datum:
 WGS84
Unit: Degree
















Date:
 24 August 2018
Drafted:
 C Fourie

Plan 1: Regional Setting



Local Setting: Ekurhuleni District Municipality

Legend

-  Proposed Pipeline Route
-  Grundlingh Water Treatment Plant
-  Major Town
-  Other Town
-  Settlement
-  Secondary Road
-  Main Road
-  Arterial Road
-  Track
-  Railway
-  Perennial River
-  Non-Perennial River
-  Perennial Pan
-  Non-Perennial Pan
-  Dam
-  Wetland
-  Farm Portions
-  Farms



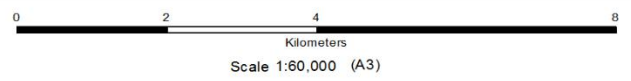
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28 August 2018
Drafted:
C Fourie

Plan 2: Local Setting