

**BACKGROUND INFORMATION DOCUMENT
FOR
APPLICATION FOR AN ENVIRONMENTAL IMPACT ASSESSMENT FOR CLEARING
OF INDIGENOUS VEGETATION FOR THE CONSTRUCTION OF AN OFF-STREAM
STORAGE DAM AND RELATED INFRASTRUCTURE ON THE FARM: KLEIN POS 420
MR.**

WITHIN

**Blouberg Local Municipality
Capricorn District**

LIMPOPO PROVINCE



J. Claassens (EAP)

Z. Claassens (Candidate EAP)

May 2023

1. INTRODUCTION

Background

The proposed development is situated on the farm Klein Pos 420 MR (also known as Graaff Reinet 71 MR), ± 120 km north-west from Blouberg Local Municipality, between the R572 and the Limpopo River and accessed via the district road along the river, in Capricorn District in the Limpopo Province. The surrounding areas are primarily managed for game, cattle and crop farming.

2. PROJECT DESCRIPTION

Project name: Die Berg Dam

Nature of activity

The proposed project is for the construction of an off-stream storage dam and related infrastructure such as pipelines, for crop irrigation purposes.

Land use

Land-use zoning is for agriculture (Protected Agriculture Area)

Listed activities

Regulation 983, 4 December 2014, Listing Notice 1.

Activity 9 (i)&(ii): (i) The development of infrastructure exceeding 1000 meters in length for the bulk transportation of water or storm water-with an internal diameter of 0,36 meters or more. (ii) with a peak throughput of 120 liters per second or more.

Activity 27: The clearance of an area of 1 hectares or more, but less than 20 hectares of indigenous vegetation.

Regulation 984, 4 December 2014. Listing Notice 2.

Activity no 15: The clearance of an area of 20 hectares or more of indigenous vegetation.

Activity no 16: The development of a dam where the highest part of the dam wall, as measured from the outside toe of the wall to the highest part of the wall, is 5 meters or higher or where the high-water mark of the dam covers an area of 10 hectares or more.

Location

The project location is indicated on Map 1 below. The final footprint areas will only be defined and made available in EIA report after the input from public process and the necessary specialist reports.

The co-ordinates (WGS84) of the proposed sites are approximate:

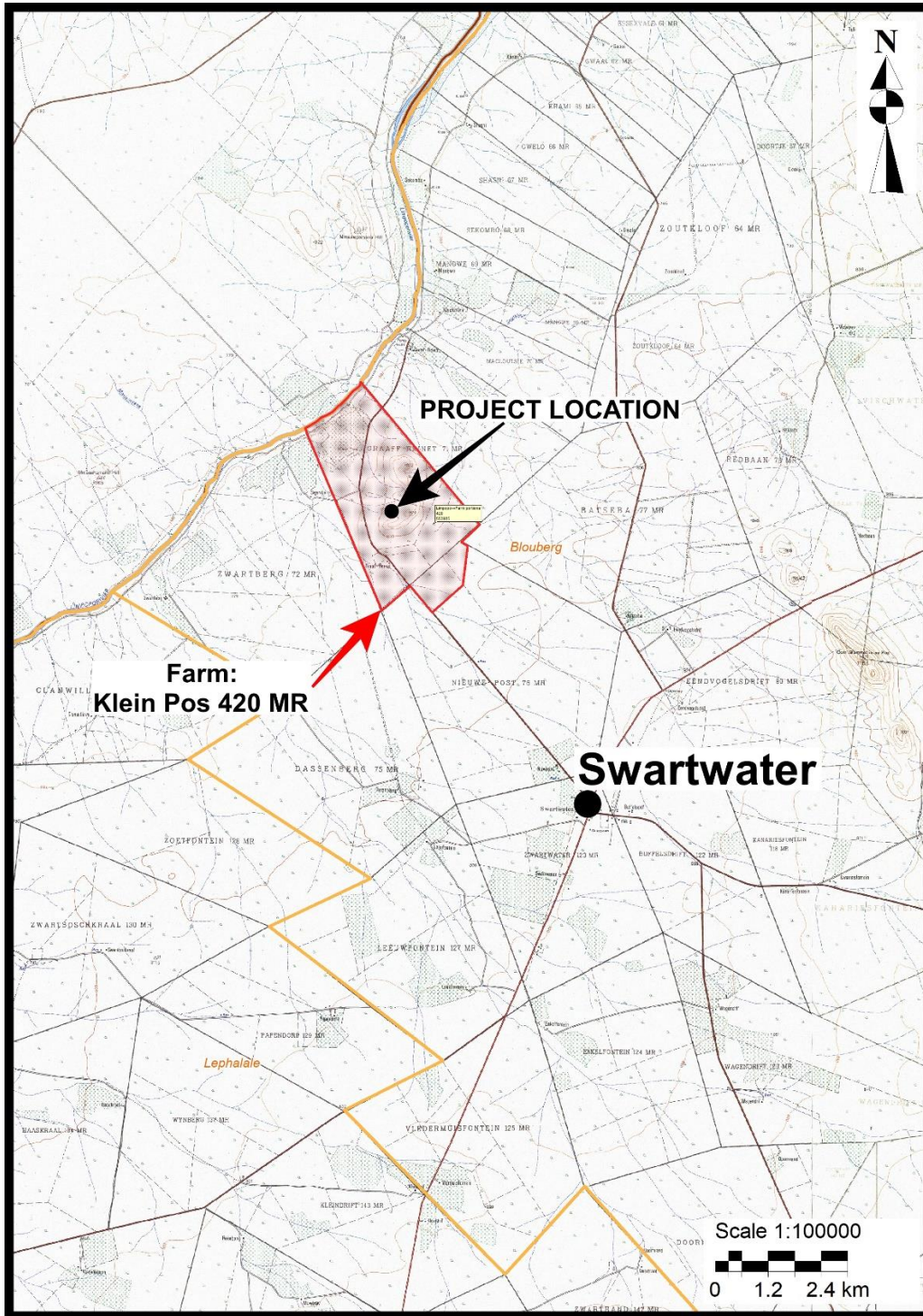
- (i) Dam (Preliminary center position)

Latitude 22°47'26.92"S and Longitude 28° 9'33.71"E.

- (ii) Pipeline (Preliminary positions)

From (Start point) **Latitude 22°46'37.37"S and Longitude 28° 8'32.83"E.**

To (End point) **Latitude 22°47'26.55"S and Longitude 28° 9'30.08"E.**



Map 1: Project location

Receiving environment

The physical environment on the farm consists of existing croplands and natural terrestrial vegetation, the proposed site is on a mountain outcropping. According to Mucina & Rutherford (2006), the study area is situated in the Central Bushveld Bioregion with Limpopo Sweet Bushveld (SVcb19) vegetation and Ecological Status is Least Threatened. The project area is located inland from the Limpopo River.

Preliminary identified specialist studies

A Screening Tool search was conducted which was used to identify the need for specialist studies. Preliminary Specialist studies identified could include the following:

- Ecological-and Red Data and Biodiversity Report.
- Archaeological Phase 1 Report.
- Paleontology Desktop Report.
- Dam Engineering Design Report.
- Geotechnical Report.

3. ENVIRONMENTAL PRACTITIONER

Tua Conserva Environmental & Conservation Services cc has been appointed as the environmental consultant to lodge the necessary environmental application and required documentation.

- (i) J. Claassens: EAP No. 2019/ 785
- (ii) Z. Claassens: Candidate EAP No. 2022/5177

4. ENVIRONMENTAL IMPACT ASSESSEMENT PROCESS

- (i) An environmental impact application will be lodged according to the requirements of Regulation 41(2) (a, b & c) and Regulation 41(3) (a & b) of the regulations published in Government Notice R. 982 of the National Environmental Management Act 1998 (Act no. 107 of 1998), as amended. Which will be submitted to Limpopo Department of Economic Development, Environment & Tourism (LEDET).
- (ii) A Screening Verification Process will be submitted with the application.
- (iii) A pre-application meeting will be conducted with LEDET.
- (iv) A Public Participation Process will be conducted and Interested & Affected Parties will be notified of the project.
- (v) A scoping environmental report will be compiled which will be followed by the environmental impact assessment report.

5. CONTACT DETAILS (FOR PPP)

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