

WATER USE LICENCE APPLICATION FOR CONSTRUCTION AND OPERATION OF ADDITIONAL INFRASTRUCTURE ASSOCIATED WITH THE PROPOSED NEW WASTEWATER TREATMENT WORKS NEAR LANSERIA

WULA REF NUMBER: WU35194

BACKGROUND INFORMATION DOCUMENT

13 March 2025

PURPOSE OF THIS DOCUMENT

This Background Information Document (BID) has been structured to provide all potential Interested and Affected Parties (I&APs) with a concise overview of the proposed project activities as well as the associated Water Use Licence Application (WULA) Process. Furthermore, this BID also intended to provide I&APs with information relating to the manner in which I&APs can voice any issues concerning the proposed project. The compilation and distribution of this BID, forms part of the Public Participation Process for the project.

When you complete and return the registration form included with the BID, you will be included in the stakeholder database and will receive further documents for review and comment. Your comment will ensure that all issues of concern are incorporated. To raise your concerns, please complete the enclosed registration sheet, write a letter, call, or e-mail the public participation office. All documents will be available on the internet at www.zitholele.co.za/environmental, under heading "Lanseria WWTW Additional Infrastructure WULA"

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1. BACKGROUND AND DESCRIPTION OF THE PROJECT

Johannesburg Water SOC Ltd (JW) have proposed the development of a new Wastewater Treatment Works (WwTW) located adjacent to the Jukskei River within the Lanseria area. The preferred site is located immediately adjacent to Northern Farms in Lanseria. The WwTW will consist of three phases that will each be 50 M³/d modules, thereby providing a total capacity of 150 M³/d. The project area falls within the Jukskei River Catchment, quaternary catchment A21C, in the Limpopo Water Management Area.

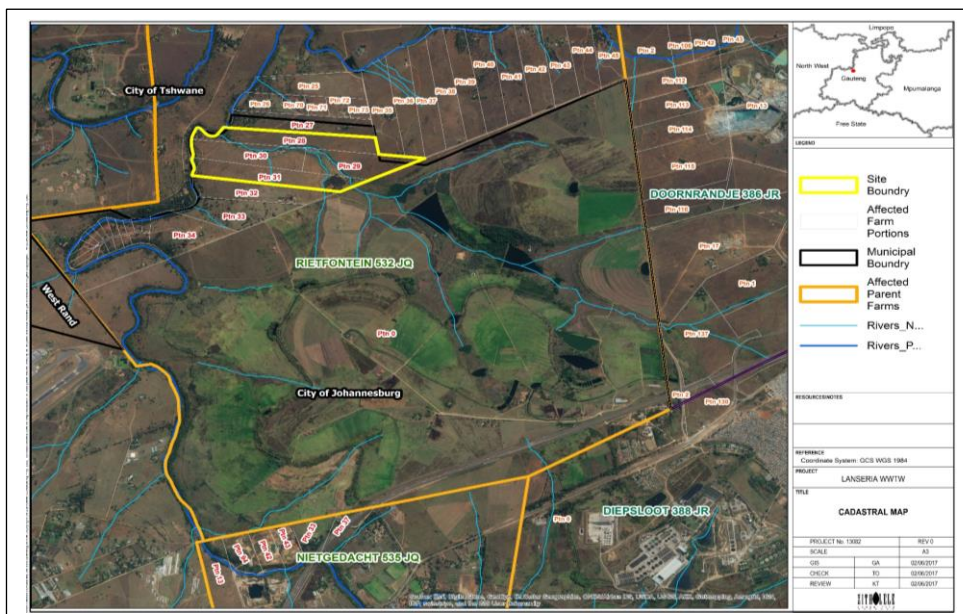


Figure 1: Location of the proposed Lanseria WWTW Additional Infrastructure WULA

An Environmental Impact Assessment (EIA) for the proposed development of the WwTW in Lanseria was undertaken in 2017, and an Environmental Authorisation (EA) was granted on 16 November 2017. A Water Use Licence Application (WULA) was undertaken following the EIA process to licence water use activities that may be associated with the development and operation of the proposed WwTW. Following submission of the WULA in 2017, the Water Use Licence (WUL), Licence No.: 07/A21C/ACFGI/9705, dated 22 July 2020 was issued by the Department of Water and Sanitation (DWS) to Johannesburg Water SOC Limited for the construction and operation of the Lanseria WwTW.

However, subsequent to the issue of the EA and WUL, and during the detailed design phase of the WwTW development, further engagements with government departments and roads authorities necessitated the inclusion of additional infrastructure in the final detailed engineering design. Engagements with the DWS confirmed that a new WULA had to be undertaken to licence the proposed additional

infrastructure that had not been licenced under the existing WUL issued on 20 July 2020.

The scope of this WULA therefore include installation of additional stormwater infrastructure, including stormwater attenuation ponds and discharge infrastructure, and upgrading of several stormwater culverts underneath the main access road to the proposed development site.

2. DESCRIPTION OF THE STUDY AREA

The Wastewater Treatment Works (WwTW) site is situated in Lanseria within the City of Johannesburg Metropolitan Municipality in the Gauteng Province. The site is located near the Jukskei River, adjacent to the northern boundary of Northern Farms. Lanseria International Airport is approximately 2.5 km south-west of the project site. Lanseria and parts of Diepsloot are located downstream of the existing wastewater and sewage collection and drainage network, feeding the Northern WwTW.

3. NEED AND DESIRABILITY

JW has taken a strategic investment decision to develop a new WwTW in Lanseria, Gauteng. As the largest city in South Africa, the City of Johannesburg (CoJ) is home to more than 5.05 million people (Draft CoJ IDP, 2019/2020). Therefore, sanitation forms one of the core elements to ensure a decent standard of living and the provision of proper sanitation services is one of the key objectives of the National Development Plan.

Diepsloot and Lanseria are earmarked for future urban development and bulk municipal infrastructure is already established or being established in the area. The Lanseria Airport has recently started operating commercial flights and as a result, the pressure for development near the airport is increasing. With the increasing population growth expected in and around Lanseria, there is an increase in the demand for the sewer systems to handle the amounts of wastewater flows generated. Therefore, the need for a WwTW is necessary to provide sanitation service to the public. Hence an EIA was conducted for the development of a Wastewater Treatment Works in Lanseria.

4. LEGAL REQUIREMENTS

The proposed activity is underpinned by the legal provisions of the National Water Act, No. 36 of 1998. The Act has specific regulations governing potential impacts on the receiving environment and includes the following Regulations:

- Water Use Licence Application and Appeals Regulations of 2017 (GN R267)

The listed activities that may be applicable to the project are indicated in the table below:

Listed Activities as listed in the National Water Act 36 of 1998	Applicability to proposed project
<p>National Water Act (Act No.36 of 1998):</p> <ul style="list-style-type: none">• Section 21(c): Impeding or diverting the flow of water in a watercourse.• Section 21(i): altering the bed, banks, course, or characteristic of a watercourse.	<p>The proposed stormwater management infrastructure, including the attenuation ponds and culvert upgrades will be located within the 500m regulated area of a wetland, thus triggering water uses in section 21 (c) and (i) of the NWA.</p>

Due to the fact that the proposed activities are associated with the development of a new WwTW, a full Water Use License Application process must be undertaken.

5. Background documents

Documents that have been compiled in support of the proposed development of the new WwTW provide background in terms of the sensitivity and characteristics of the receiving environment, overall proposed WwTW development proposal, impacts identified that could result from the proposed development, and management and mitigation measures that must be implemented through an Environmental Management Programme (EMPr) include

documents associated with the EIA and WULA undertaken for the proposed development. Relevant documents include the following:

1. Scoping and EIA process:
 - a. Final Environmental Impact Report (FEIR)
 - b. Appendix 3 – Maps
 - c. Appendix 4 – Photographs of the development site
 - d. Appendix 5 - Layout Plans & Drawings
 - e. Appendix 6 – Specialist studies
 - f. Appendix 9 – EMPr
 - g. Appendix 10 – Technical Studies
2. WULA process:
 - a. Integrated Water and Waste Management Plan report
 - b. Appendix B – Master Plan
 - c. Appendix C – Preliminary Design report
 - d. Appendix D – Specialist Studies
 - e. Appendix F – Stormwater Management Plan

6. WATER USE LICENCE APPLICATION

All Water Use License Application (WULA) processes will be undertaken in terms of the Regulations regarding the Procedural Requirements for Water Use Licence Applications and Appeals (GN R. 267 of 24 March 2017) promulgated in terms of the NWA. In terms of these Regulations, all WULAs must be undertaken and submitted through the Department of Water and Sanitation (DWS)'s online submission portal called Electronic Water Use Licence Application and Authorisation System (e-WULAAS). In terms of this online submission system, a WULA is submitted online in three distinct phases (Refer to Figure 2).



Figure 2: Process Flow Diagram for the steps required in a Water Use License Application

7. PUBLIC PARTICIPATION PROCESS

As an important element in undertaking the Water Use License Application for the proposed project, Zitholele Consulting will conduct the public participation process as set out in the NEMA EIA regulations, 2014 (as amended). Applicable guidelines and best practice procedures will furthermore be taken into consideration. The public participation process will enable stakeholders to contribute to the process through information sharing and to review the findings of the independent studies that are to be undertaken. The steps of the public participation component are outlined below.

The Public Participation Process, as prescribed in the EIA Regulations, 2014, as amended, are described below in Figure 3:

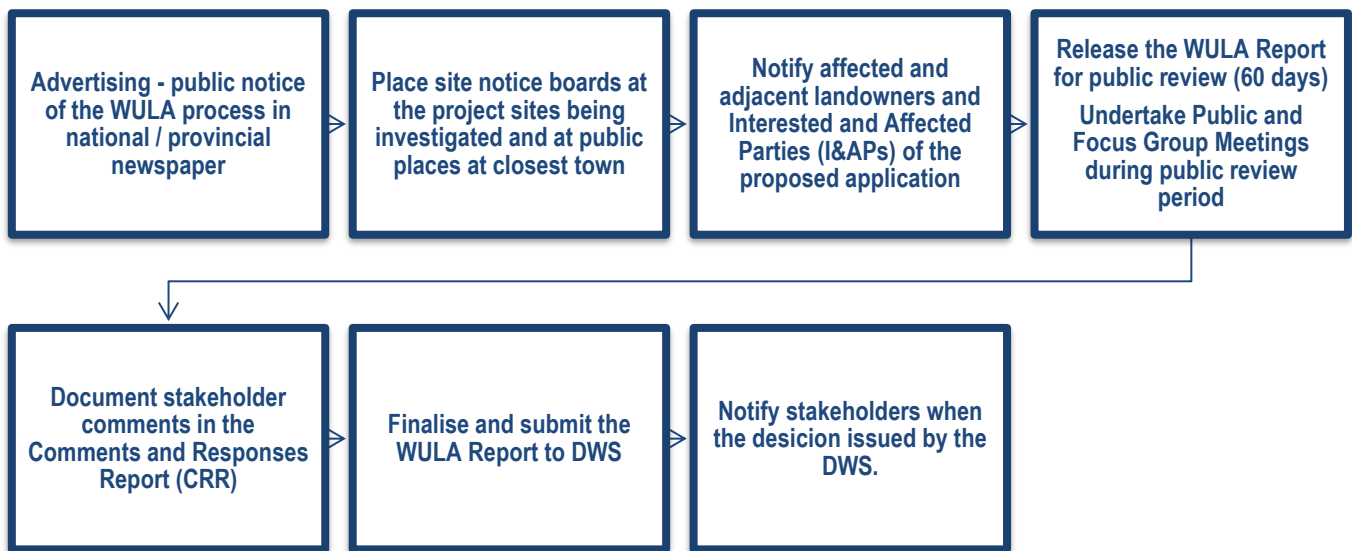


Figure 3: Process Flow of the Public Participation Process

8. AVAILABILITY OF APPLICATION DOCUMENTATION

The WULA documentation is available from **13 March 2025 to 19 May 2025** for public review and comment. Information pertaining to the application can be viewed on Zitholele Consulting's website: www.zitholele.co.za/environmental, under heading "Lanseria WWTW Additional Infrastructure WULA". The WULA documentation is further available at the following alternate information portals:

- Online Information Portal 1 (Dropbox): <https://tinyurl.com/LansWULA1>
- Online Information Portal 2 (OneDrive): <https://tinyurl.com/LansWULA2>

You are hereby invited to register as an Interested and Affected Party (I&AP) in one of the following ways:

1. Via written request to the Public Participation Process (PPP) desk at the contact details provided in this notification letter,
2. Type the link: <https://tinyurl.com/lansreg> in your internet browser, complete and submit the online stakeholder registration form,
3. Scan the QR code below to follow the link to the online stakeholder registration form on your mobile phone, complete and submit the online stakeholder registration form,
4. SMS the word "lanseria" to 45776, or
5. Complete the BID comment sheet attached and submit via email to the Public Participation Desk.

Further communication relating to the project will only be undertaken with registered IAPs. The PPP desk can be contacted as follow:

Public Participation Desk
PPP Manager
Zitholele Consulting (Pty) Ltd
Tel: (011) 207 2060, Fax: 086 674 6121
Email: lanseriawula@zitholele.co.za
Postal Address: PO Box 6002, Halfway House, 1685



REGISTER ME

9. DECISION-MAKING (ENVIRONMENTAL AUTHORISATION)

Based on the information provided in the final WULA documentation, the Competent Authority will make a decision to grant or refuse Water Use License. The granting of Water Use License will allow the Applicant to proceed with implementing the proposed project activities. Once the Competent Authority has reached a decision, with regards to granting the Water Use License, all registered I&APs will be notified thereof within 14 days of the date of the decision. The Water Use License Application will be concluded by the notification of I&APs of the decision made by the Competent Authority.

10. MAP OF PROJECT LOCATION

The WwTW layout drawing can be found in Figure 5 below.

11. BID COMMENT SHEET

A comment sheet associated with this project and Water Use License Application process is included at the end of this BID. Please complete and return to the PPP desk by hand delivery to the offices of Zitholele Consulting, scan and email to the email address provided, fax to fax number provided or by submitting your comments telephonically to the PPP desk via the landline number specified in the left column on page 1 of this BID.

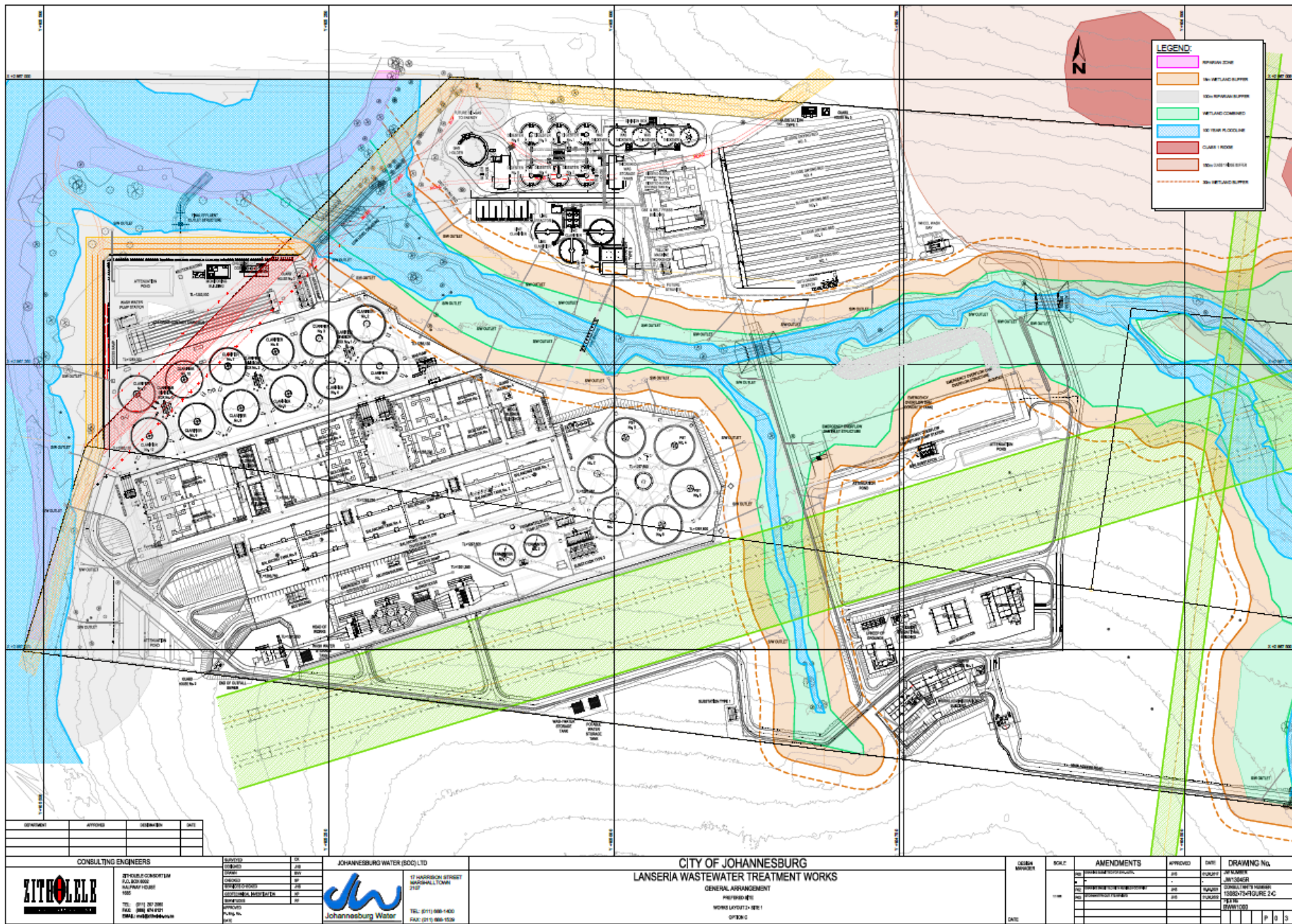


Figure 4: Locality Map of the Proposed Project