



a world class African city



City of Johannesburg

Johannesburg Water SOC Ltd

Turbine Hall
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Newtown
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www.johannesburgwater.co.za

01 October 2024

**JN CIVIL CONSULTING ENGINEERS
8 LAUREL VALLEY
SILVERLAKES GOLF ESTATES
PRETORIA
0001**

ATTENTION: JANES BRITS

Dear Sir / Madam

SCHEME REPORT:
LANSERIA EXT.81 PTN 72 BULTFONTEIN 533-JR

Johannesburg Water acknowledges receipt of the scheme report for the proposed development.

Your scheme report dated July 2024 refers. Johannesburg Water responds as follows:

Water:

The proposed development falls within the Lanseria Tower distribution zone. The corrected anticipated domestic AADD from the proposed development is 441kl/d (Calculated according to JW standard Guidelines and used for this water hydraulic impact assessment). There is an existing 160mm diameter water pipe traversing the proposed development along airbus close that can be utilized for connection into the existing network.

After modelling the anticipated domestic peak flow, the hydraulic analysis shows that the peak demand pressure will not be sufficient to supply the Proposed development. The pipe sizes downstream and storage capacity of the Lanseria Tower are sufficient, however due to the topology of the area, there is not enough pressure buildup for the proposed development to be supplied sufficiently resulting in 0m peak head for portions of the proposed development. It therefore proposed that the developer considers installing a booster pump station at their own cost and maintenance if this development is to proceed.

Directors:

Ms Dineo Majavu (Chairperson), Mr Ntshavheni Mukwevho (Managing Director and Executive Director),
Mr Kgaugelo Mahlaba (Chief Financial Officer and Executive Director), Mr Sipho Mthembu, Ms Zandile Meeleso, Mr Pholoso Matjele,
Mr Kgaile Mogoye, Mr Molate Mashifane, Ms Pamela Mabece, Mr Collen Sambo, Mr Makoko Makgonye, Ms Thabiso Kutumela,
Mr Kefiloe Mokoena

Ms Kethabile Mabe (Company Secretary),
Johannesburg Water SOC Ltd
Registration Number: 2000/029271/30



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Sewer:

The proposed Lanseria Ext 81 will fall within the Future Lanseria drainage Basin which is a future master plan item not yet in progress, however in the current scenario the developer is proposing to service the proposed development privately by means of a package plant because there is no existing sewer infrastructure within the vicinity of the proposed development. The Engineer will be required to do a package plant report for submission before it can be approved.

The report / comments are valid for 5 years from date of this letter.

DISCLAIMER BY JOHANNESBURG WATER (SOC) LTD IN RESPECT OF APPROVALS GRANTED IN:

Scheme Reports

Relating to environmentally sensitive areas and adherence to Water Use License Approval requirements. Johannesburg Water (SOC) Ltd (JW) in approving the Scheme Report and or Construction Drawings makes no representation or warranties of any kind, express or implied, as to the information, content and or material relating to compliance with environmental laws and water use licences for the development for which such approval is granted. It is the Developer's responsibility and obligation to ensure the accuracy, compliance with applicable statute(s) or regulations, fitness of purpose of any plans or construction information approved by JW prior to use thereof. In the event that any liability is imposed on JW as a result of the use of such approval by the third party, you as the third party indemnifies JW against such liability. Any use of such approval/s by such third party is done at their own risk. The third party should have the Scheme Reports and Construction Drawings reviewed by a professional environmental engineer before the start of construction. It is the third party's responsibility to ensure compliance with applicable statute(s) or regulations, without limitation, such as environmental laws and water use licences. The approval of the Scheme Reports and Construction Drawings by JW do not represent an endorsement or recommendation of compliance with applicable statute(s) or regulations, or water use licenses.

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JW shall not be held liable for any errors, omissions, or deficiencies in any form by any party whatsoever in terms of such approval.

Should any additional information be required please do not hesitate to contact the writer.

Refiloe Comakae 0116881633 refiloe.comakae@jwater.co.za

Yours faithfully,

.....
(R. Comakae)
Development Engineering Officer (IPAM)

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