



Our Ref/Ons Verw: Erf 252 and Erf 298, Raithby

Your Ref/U Verw:

1 December 2020

Mr. Erik Raimond
163 Uys Krige Drive
Platteklouf
7500

Enquiries: Colin Taylor

By e-mail: erik@ekcon.co.za

Sir,

CAPACITY STATUS OF MUNICIPAL CIVIL ENGINEERING INFRASTRUCTURE TO SERVICE THE PROPOSED DEVELOPMENT ON ERF 252 AND ERF 298, RAITHBY

Your enquiry regarding a capacity letter required for the abovementioned development's Environmental Authorisation process refers.

The confirmation of services capacity is based on the status of the infrastructure at this point in time and in no ways reflect the official viewpoint whether the development will be approved or not. The official viewpoint of this Directorate will only be given once a complete Land-use application, accompanied by an Engineering Report and a Traffic Impact Assessment (if applicable), is submitted for formal comment.

The proposed upgrades in this letter in no way reflect these upgrades to be the only upgrades needed. A more detailed technical discussion will be held once the land-use application is at a more advanced stage.

1. WATER RETICULATION (pipes from water source to erf)

The proposed development will connect to the existing water reticulation system in the vicinity of the proposed development. The existing water reticulation system does have the capacity to accommodate the proposed development.

2. BULK WATER SUPPLY (Reservoirs and associated infrastructure to reservoirs)

The criteria for total reservoir volume used in the Stellenbosch Water Master Plan is 48 hours of the AADD (of the reservoir supply zone). The existing Raithby reservoir currently has insufficient storage capacity; however, the storage capacity that has been acquired from the CoCt's Faure service reservoir will be sufficient to accommodate the proposed development.



3. SEWER RETICULATION

The proposed development will connect to the existing sewer reticulation system in the direct vicinity of the proposed development. The existing sewer reticulation system does have the capacity to accommodate the proposed development.

4. MAIN OUTFALL SEWER AND WASTE WATER TREATMENT

The proposed development will connect to the existing sewer reticulation system in the direct vicinity of the proposed development. From this connection point, it will gravitate to the Raithby Wastewater Treatment Plant (WWTP). The capacity of the Raithby WWTP is 150 kl/day. The peak day dry weather flow (PDDWF) for the proposed development was calculated as 37.10 kl/day. The current capacity of the existing Raithby WWTP does not allow for any new developments, such as the proposed development, within the catchment area. However, construction for the upgrade of the Raithby WWTP in order to increase the capacity to 300 kl/day is in the early planning stage. The footprint area of existing Raithby WWTP is limited and would require additional land for any type of upgrading. To this end, the municipality is in discussion with the landowner to purchase the land surrounding the WWTP, for the land required for the upgrading.

The funding of the proposed upgrading could be obtained from Development Charges of the development or from municipal funds that need to be allocated on the municipal budget. Therefore, the proposed development will be supported subject to sewer discharge only taking place after the completion of the upgrading of Raithby WWTP. Clearance will therefore only be issued once the upgrade has been completed.

5. STORMWATER DETENTION

It will be a condition for the development that the difference between the pre- and post-development stormwater run-off will have to be detained on-site. The pre-development run-off will be accommodated in the existing municipal stormwater system without any major impact on the surrounding areas.

6. SOLID WASTE

It is confirmed that Stellenbosch Municipality will handle all solid waste as per the normal waste removal policy. Limited but sufficient capacity is available at the Stellenbosch waste disposal site for spoil as well as construction and demolition wastes. Whilst the landfill is not accepting domestic or commercial municipal solid waste sufficient airspace is available at the alternative site being used by the Municipality for disposal, until airspace at the Stellenbosch landfill has been authorised and constructed. Garden waste and recyclables are unaffected. If the construction phase entails generating large spoil volumes, the Developer must identify and give proof of an alternative disposal site, as the municipality will not be able to accept large spoil volumes, due to capacity constraints at the landfill site.

7. CONCLUSION

In-principle, the Directorate: Engineering Services will support the proposed development subject to compliance of development conditions to be stipulated during the assessment of the land-use application.



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Such conditions will entail that no physical construction and or implementation of the development will be allowed until such time that the bulk infrastructure as discussed above, is in place and able to accommodate the proposed development.

Feel free to contact our Colin Taylor, Principal Technician: Development, on 021 – 808 8205 for any further enquiries.

Yours faithfully

Colin Taylor Pr Techni Eng

Principal Technician: Development

V:\2.0 DEVELOPMENT\Capacities (Letters, Constraints, Discussions)\Capacity Letters\Erf 252 & Erf 298 Raithby\Erf 252 and Erf 298, Raithby (Capacity Letter).doc

Mr Rob Hall
De Villiers & Moore Pty Ltd
PO Box 1412
GEORGE
6530

Date:
09 July 2021

Enquiries :
Pieter du Preez
Tel. +27 21 915 2076

Dear Mr Hall

**SUPPLY OF ELECTRICITY
PROPOSED DEVELOPMENT: ERF 298 & 252 RAITHBY**

With reference to your ENQUIRY at Eskom, I advise that Eskom is the licensed Distributor to the proposed development.

Capacity can be made available on the Firgrove / Farmers 4 feeder.

The method of supplying the electricity will be determined once details are made available. The formal quote process will confirm spare capacity available and a proposal to supply such development. Execution of making supply available will only be initiated on acceptance of a formal quote. The date to make a point of supply available will be confirmed during this process.

Please direct a formal application to our Group Customer Services for a quote:

Distribution
Eskom
PO Box 2100
Bellville, 7535

Yours faithfully



Pieter du Preez
KEY CUSTOMER RELATIONS OFFICER