

Date: 30/11/2016

iCE Group
P O Box 3970
TYGER VALLEY
7536

Attention: Mr. D. Edwards

Sir,

BOSCHENDAL DEVELOPMENT PHASE 1: CAPACITY LETTER: BULK MUNICIPAL CIVIL ENGINEERING SERVICES CAPACITY

Your e-mail request, dated 25 October 2016 regarding the capacity of bulk municipal civil engineering services to accommodate the proposed development, refers.

1. BULK WATER STORAGE AND BULK WATER RETICULATION

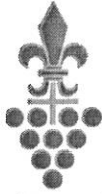
- 1.1 There is currently no network reticulation system between the proposed development and the existing Dwars River reticulation networks.
- 1.2 A new reservoir and bulk water reticulation system will have to be constructed to supply bulk water to the proposed development (Refer to GLS report dated 19 May 2015).
- 1.3 Bulk water will be obtained for of the development from the existing Dwars River supply system.
- 1.4 The cost of the proposed infrastructure will be for the cost of the developer. Development contributions will also be utilised to fund such infrastructure but will be subject to size and location of such infrastructure.

2. BULK SEWER RETICULATION

- 2.1 There is currently no bulk sewer reticulation for the proposed development.
- 2.2 A new bulk sewer reticulation system will have to be constructed from the proposed development to the Pniel Waste Water Treatment Works (WWTW) (Refer to GLS report dated 19 May 2015).
- 2.3 The cost of the proposed infrastructure will be for the cost of the developer. Development contributions will also be utilised to fund such infrastructure should the proposed infrastructure serve other developments in the future.

3. WASTE WATER TREATMENT

- 3.1 The development falls outside the existing Dwars River drainage area. Sewage will have to be pumped to the Pniel WWTW through the infrastructure as mentioned in 2.2 above.
- 3.2 The Pniel WWTW has insufficient capacity to accommodate the proposed development at this stage.



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- 3.3 Funds have been allocated for the planning of the upgrade of the Pniel WWTW and planning has started.
- 3.4 The design is completed and the proposed date for the tender process to start is May 2017.
- 3.5 Construction is planned to start in the 2017/2018 financial year.
- 3.6 Construction period of 2 years and construction to be completed and WWTW operational at June 2019.

4. STORMWATER DETENTION

- 4.1 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 natural stormwater system without any major impact on the surrounding areas.

5. SOLID WASTE

- 5.1 It is confirmed that there is limited capacity available at the waste removal site. Stellenbosch Municipality will be able to handle the solid waste as per the normal waste removal policy for the WC024 municipal area.

6. ELECTRICITY

- 6.1 The development will be able to be supplied with 1,5MVA from the substation opposite the police station (Refer to report of iCE Consulting Engineers).

The Directorate: Engineering Services confirm that, should the required services upgrades be carried out as outlined in the iCE and GLS services reports and the planned upgrading of the Dwars River sewerage works be completed, then the water and sewer services will be sufficient to serve the proposed development.

Yours faithfully

Kobus Fourie
DEVELOPMENT SERVICES & PROJECT MANAGEMENT

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