

Our ref: H5150/IM/Esk1

29 March 2011

ESKOM Distribution  
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For the attention of: Mr D Duke

Sir

**POWER REQUIREMENTS FOR PROPOSED CITY OF CAPE TOWN WATER TREATMENT PLANT AND RESERVOIR**

Our telephonic discussion on 28 March 2011 refers:

As discussed, BKS (Pty) Ltd (BKS) has been appointed by the Bulk Water Branch of the City of Cape Town (CCT) to investigate suitable sites and associated pipeline routes for a new water treatment plant (WTP) and reservoir that would form part of the CCT's bulk water supply system. In addition, an Environmental Impact Assessment (EIA) for this infrastructure is being undertaken by Chand Environmental Consultants (Chand).

It is envisaged that the proposed infrastructure would be developed in two phases, namely:

- Phase 1 : Reservoir and associated pipelines - envisaged to be completed in 2013
- Phase 2 : WTP and associated pipelines - envisaged to be completed in 2015

The maximum power requirements of the complex is estimated to be 600 kVA, similar to the CCT's Faure WTP, close to Somerset West. The required power supply during Phase 1 is not expected to be significant, as power will only be required for control buildings and lighting. However, during Phase 2 the power requirements is expected reach the stated maximum of 600 kVA, mainly required for the purpose of the water treatment process.

It is envisaged that the proposed WTP and reservoir site will be located in the Muldersvlei area, north of the N1 National Route, as indicated on the attached Figure 1.

For the purpose of the EIA, Chand has requested that confirmation be obtained from Eskom as to whether Eskom would have adequate capacity to supply the proposed WTP and reservoir complex with power.

It would be appreciated if you could please supply confirmation in this regard at your earliest convenience.

Should you require any further information, please contact Mr Isak Malherbe from BKS at Tel (021) 950 7500 or e-mail at [isakm@bks.co.za](mailto:isakm@bks.co.za).

Yours faithfully



I F Malherbe  
for BKS (Pty) Ltd

incl. Figure 1

cc Mr P Rhode: City of Cape Town (Bulk Water Branch)



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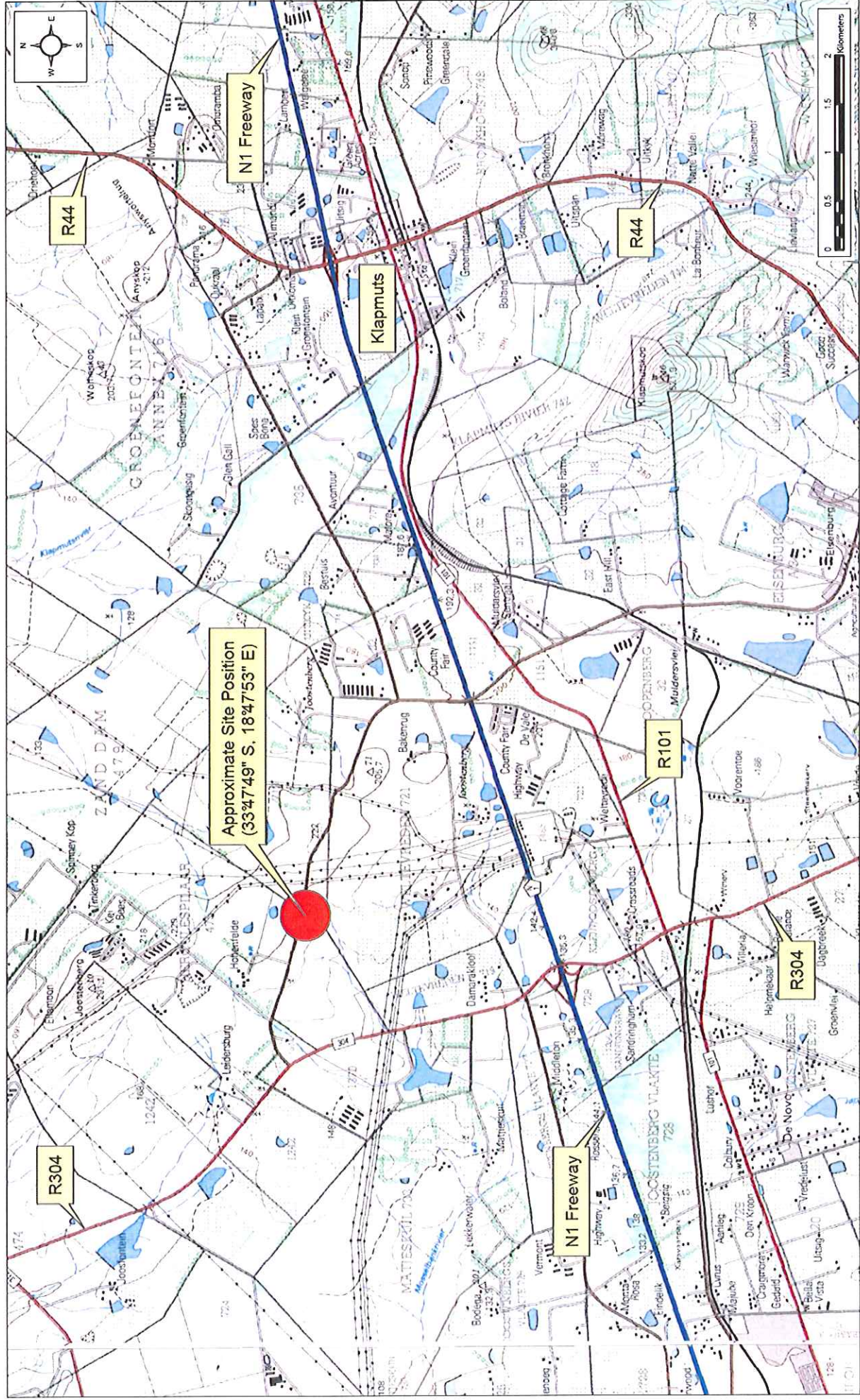


Figure 1: Locality of the proposed WTP and reservoir complex