



## water affairs

Department:  
Water Affairs  
REPUBLIC OF SOUTH AFRICA

Enquiries: Mr S.C Sikhosana  
Tel: 031-336 2933  
Fax: 031-305 9915  
E-mail: [sikhosanas2@dwa.gov.za](mailto:sikhosanas2@dwa.gov.za)  
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Knight Piesold Consulting (Pty) Ltd  
P.O. Box 383  
Westville  
3630

**ATTENTION: MICHELLE LOTZ**

Dear Madam

**RE: BACKGROUND INFORMATION DOCUMENT AND MAPPING FOR THE  
PROPOSED NORTHERN AQUEDUCT AUGEMENTATION PHASE 4.**

Reference is made to the above mentioned document received by this office on the 18<sup>th</sup> December 2012. This Department has the following comments:

- (1) Management of solid waste generated during the construction phase and post construction phase.
- (2) Management of any hazardous waste material generated pre- and post-construction.
- (3) Identification of any environmental sensitive areas and water resources such as wetlands, rivers, groundwater etc. as well as possible pollution impacts and mitigation measures of such water resources.
- (4) Stormwater management plan/system including the prevention of erosion and sedimentation.
- (5) Sewage treatment and disposal i.e. wastewater management. This should also include the following:
  - Type of toilet facilities to be provided for construction workers.
- (6) Information regarding the 1: 50 and 1:100 year floodlines. This must be clearly demarcated on a map.
- (7) Spill contingency plans
- (8) Geotechnical investigation
- (9) Environmental Management Plan

Page 1 of 2


In addition the following points need to be taken into consideration:

- If the applicant wishes to develop (structures, roads and other infrastructure) on the wetland/riparian zone or within the prescribed buffer as well as to rehabilitate any wetlands/riparian zone on the said property, an authorisation in terms of section 21(c) and (i) of the National Water Act may be required.
- Mr Norman Ward from the Water Resources Management Section of this Department must be contacted on (031) 336 2700, should there be any **alteration** to the bed, banks, course or characteristics of a watercourse or any **impedance or diversion** of flow of a water course as well as any **abstraction** and/or **storage** of water.
- The removal of any indigenous trees may need to be authorised by Forestry section, please contact (033) 342 8101.
- Please note that all wetlands on site must be delineated according to this Department's guideline entitled "*A practical field procedure for identification and delineation of wetlands and riparian areas.*" (DWAF, 2005).

Notwithstanding the above, the responsibility rests with the applicant to identify any sources or potential sources of pollution from his undertaking and to take appropriate measures to prevent any pollution of the environment. Failure to comply with the requirements of the National Water Act (Act 36 of 1998) could lead to legal action being instituted against the applicant.

Please do not hesitate to call this office should you have any concerns comments or queries.

Yours faithfully,



for REGIONAL HEAD -KWAZULU-NATAL  
SS/ss/ 17045