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**Attention      Bernadet Pawandiwa**

Dear Ms Pawandiwa

**Application for Exemption from a  
Phase 1 Heritage Impact Assessment of  
Proposed West Riding Reservoir Water Pipeline,  
eThekwini Metropolitan Municipality,  
KwaZulu-Natal, South Africa**

**Project description**

eThekwini Water and Sanitation propose to install approximately 4km of a 500mmØ continuously welded steel pipe along the following roads:

- A connection off the Western Aqueduct at the corner of Gevers and Assagay Road
- Along Assagay Road to Old Main Road
- The pipe will be pipe jacked in a sleeve of a minimum diameter of 900mm across Old Main Road.

A section of the pipe then runs within the Transnet owned reserve (which has already been completed).

The pipe will then enter Galloway Road and turn into Ashley Drive. It will then enter Elizabeth Road, where it will cross a stream. The pipeline will then continue into Marion Road where it will then tie into the existing West Riding Reservoir.

## Site location

The relevant 1:50 000 map sheets are 2930DD & 2931CC Durban. The coordinates of the start of the pipeline are 29° 46' 25"S; 30° 44' 59.8"E and the coordinates of the West Riding Reservoir at the end are 29° 45' 11"S; 30° 46' 09"E (Figures 1 and 2).

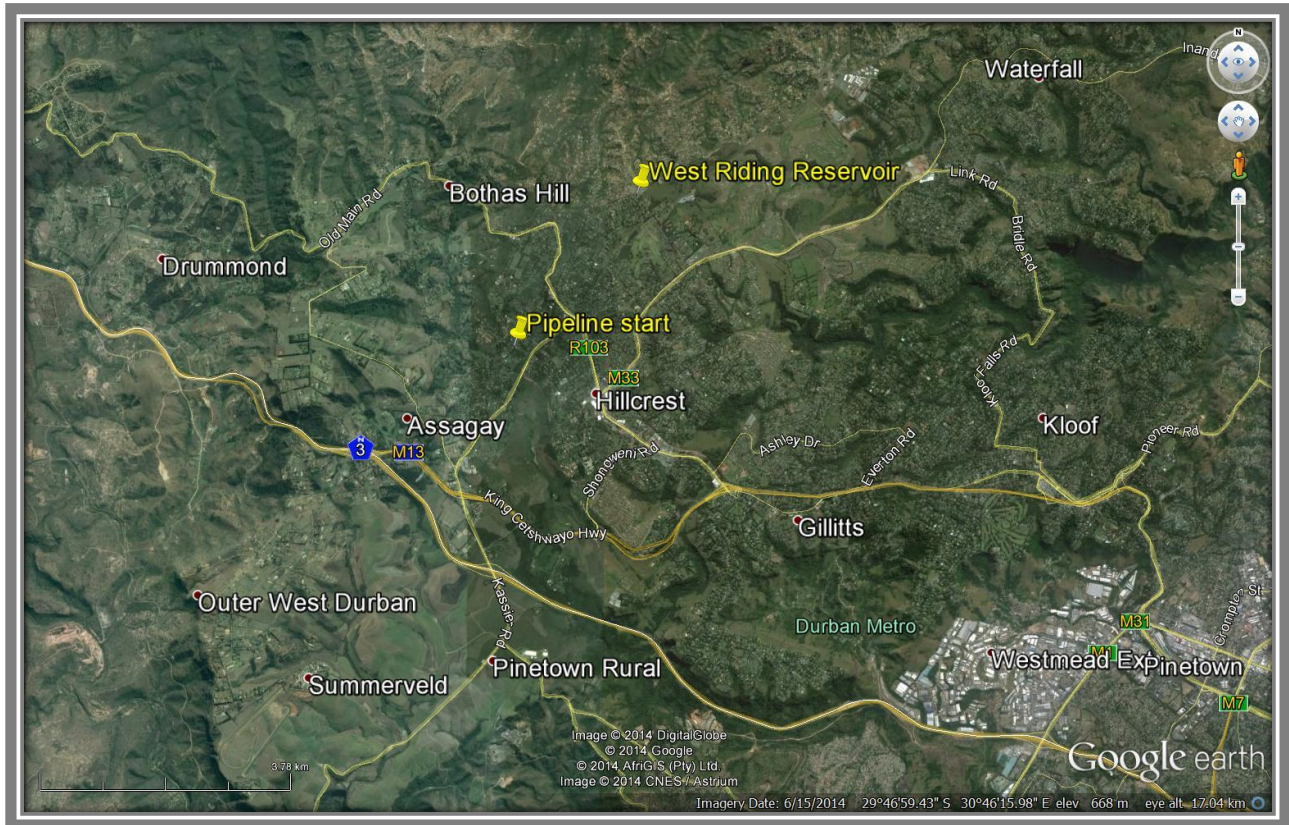


FIGURE 1 GOOGLE EARTH IMAGE OF SITE LOCATION IN REGIONAL CONTEXT.



FIGURE 2 GOOGLE EARTH IMAGE OF SITE LOCATION IN LOCAL CONTEXT.

### Site assessment and recommendations

The Palaeontological Sensitivity Map on the SAHRIS electronic database describes the area as having low sensitivity. Accordingly, no palaeontological studies are necessary but a protocol for finds is required (see Appendix).

The study area is confined almost entirely to existing road reserves. Given the nature of this disturbed environment we believe that there is no need for a Phase 1 HIA for this project (refer to photographs uploaded to SAHRIS case file). Accordingly, we request that Amafa grant an exemption from an HIA for this activity, allowing the project to proceed with no further heritage resource mitigation.

Yours sincerely

*Len van Schalkwyk*

*Elizabeth Wahl*

Len van Schalkwyk and Elizabeth Wahl

## APPENDIX

### PROTOCOL FOR THE IDENTIFICATION, PROTECTION AND RECOVERY OF HERITAGE RESOURCES DURING CONSTRUCTION AND OPERATION

It is possible that sub-surface heritage resources could be encountered during the construction phase of this project. The Environmental Control Officer and all other persons responsible for site management and excavation should be aware that indicators of sub-surface sites could include:

- Ash deposits (unnaturally grey appearance of soil compared to the surrounding substrate);
- Bone concentrations, either animal or human;
- Ceramic fragments, including potsherds;
- Stone concentrations that appear to be formally arranged (may indicate the presence of an underlying burial, or represent building/structural remains); and
- Fossilised remains of fauna and flora, including trees.

In the event that such indicator(s) of heritage resources are identified, the following actions should be taken immediately:

- All construction within a radius of at least 20m of the indicator should cease. This distance should be increased at the discretion of supervisory staff if heavy machinery or explosives could cause further disturbance to the suspected heritage resource.
- This area must be marked using clearly visible means, such as barrier tape, and all personnel should be informed that it is a no-go area.
- A guard should be appointed to enforce this no-go area if there is any possibility that it could be violated, whether intentionally or inadvertently, by construction staff or members of the public.
- No measures should be taken to cover up the suspected heritage resource with soil, or to collect any remains such as bone or stone.
- If a heritage practitioner has been appointed to monitor the project, s/he should be contacted and a site inspection arranged as soon as possible.
- If no heritage practitioner has been appointed to monitor the project, the head of archaeology at Amafa's Pietermaritzburg office should be contacted; telephone 033 3946 543).
- The South African Police Services should be notified by an Amafa staff member or an independent heritage practitioner if human remains are identified. No SAPS official may disturb or exhume such remains, whether of recent origin or not.
- All parties concerned should respect the potentially sensitive and confidential nature of the heritage resources, particularly human remains, and refrain from making public statements until a mutually agreed time.
- Any extension of the project beyond its current footprint involving vegetation and/or earth clearance should be subject to prior assessment by a qualified heritage practitioner, taking into account all information gathered during this initial HIA exemption application.