



AFRICAN HERITAGE CONSULTANTS CC

2001/077745/23

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26 February 2007

CULTURAL HERITAGE RESOURCES IMPACT ASSESSMENT OF NEW KH2 PIPELINE GROENKLOOF PRETORIA GAUTENG

1. DEFINITION

The broad generic term *Cultural Heritage Resources* refers to any physical and spiritual property associated with past and present human use or occupation of the environment, cultural activities and history. The term includes sites, structures, places, natural features and material of palaeontological, archaeological, historical, aesthetic, scientific, architectural, religious, symbolic or traditional importance to specific individuals or groups, traditional systems of cultural practice, belief or social interaction.

2. PROTECTED SITES IN TERMS OF THE NATIONAL HERITAGE RESOURCES ACT, ACT NO. 25 OF 1999

The following are the most important sites and objects protected by the National Heritage Act:

- 2.1 Structures or parts of structures older than 60 years.
- 2.2 Archaeological sites and objects.
- 2.3 Palaeontological sites.
- 2.4 Meteorites.
- 2.5 Ship wrecks.
- 2.6 Burial grounds.

- 2.7 Graves of victims of conflict.
- 2.8 Public monuments and memorials.
- 2.9 Structures, places and objects protected through the publication of notices in the Gazette and Provincial Gazette.
- 2.10 Any other places or object, which are considered to be of interest or of historical or cultural significance.
- 2.11 Geological sites of scientific or cultural importance.
- 2.12 Sites of significance relating to the history of slavery in South Africa.
- 2.13 Objects to which oral traditions are attached.
- 2.14 Sites of cultural significance or other value to a community or pattern of South African history.

3. METHODOLOGY

The site was visited and inspected on foot. All appropriate documents on the area were studied.

4. RESULTS

The proposed KH2 starts east of the fountains/Centurion highway and runs parallel to the northern boarder of Kloofsig and Monument Park townships through the area known as Groenkloof Pine Plantation. It then crosses the R 21 and runs parallel to the road in a northern direction passed the Groenkloof Golf course and then up Klapperkop Hill to four-water reservoirs.

According to archaeological database of the National Cultural History Museum a number of Late Iron Age and Stone Age sites do occur in the Fountains Valley and a portion of the Groenkloof pine plantation along the Apies River and high laying ridges. During the survey no indications of any archaeological material could be found along the proposed route of the proposed route of the pipeline.

In the Groenkloof Pine plantation the pipeline will follow the route of the existing firebreak. Along the R21 it will be running between the road reserve and the golf course. This area had already been cleared and graded when the impact assessment was undertaken. This cleaning would have destroyed any possible archaeological sites. Though this clearing had taken place no indications of any archaeological material could be found.

The portion of the pipeline running up Klapperkop Hill has been used over many years as a wattle plantation and had been cleared in recent years. No indication of any important cultural heritage resources could be found on this section of he pipeline. The resourwarse are some 400 meters east of the Fort Klapperkop site and will have no negative impact on the Fort.

5. CONCLUSION

There are no important cultural heritage resources on or near the route of the proposed water pipeline KH2.

6. RECOMMENDATION

There is no objection to the construction of the KH2 pipeline from a cultural heritage resources point of view.

7. REFERENCES

- Archaeological Database of the National Cultural History Museum Pretoria.
- Van Schalkwyk J.A. and Moifatswana S.M. 1993 “’n Argeologiese ondersoek van die Fonteinedal gebied geleë op die plaas Groenkloof 358 JR Pretoria” – Nasionale Kultuur Historiese Museum
- Küsel U.S. 2006, Cultural Heritage Impact Assessment of the Fountain Valley.

8. BACKGROUND INFORMATION

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| Owners contact details: City of Tshwane Metropolitan Municipality General Manager: Water and Sanitation T: 012 358 8051 F: 012 358 4684 |
| Developers contact details: CTMM – Water and Sanitation Bernard Cronje T: 012 358 7910 F: 012 358 8033 |
| Consultants contact details: Arcus Gibb (Contract consulting engineers) Peter Doran 083 667 6405 |
| Type of development (e.g. low cost housing project, mining etc.) KH-2 Municipal water supply pipeline |
| Whether rezoning and/or subdivision of land is involved: No rezoning – servitude in favour of CTMM The whole pipeline route is a registered servitude of CTMM |

No subdivision

Full location of Province, Magisterial District/Local Authority, property (e.g. farm, erf name and number):

Gauteng
City of Tshwane Metropolitan Municipality
Farm: Groenkloof 358 JR

Location map must have the polygon of the area to be surveyed on it and full geographical coordinates for all relevant points and where applicable indication of the area to be developed (footprint):

(Attached)

If possible an aerial photograph of the specific area showing the location of all site.

(Attached)

MAPS



