

# Proposed Upgrade and Expansion of the Kameelmond Wastewater Treatment Works in Upington, Northern Cape

Our Ref:



an agency of the  
Department of Arts and Culture

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South African Heritage Resources Agency | 111 Harrington Street | Cape Town  
P.O. Box 4637 | Cape Town | 8001  
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Tel: 021 462 4502  
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CaseID: 17154

Date: Wednesday May 25, 2022  
Page No: 1

## Final Comment

**In terms of Section 38(4), 38(8) of the National Heritage Resources Act (Act 25 of 1999)**

Attention: Dawid Kruiper Local Municipality

**The Dawid Kruiper Municipality (the Applicant) has proposed upgrade and expansion of the Kameelmond Wastewater Treatment Works (K-WWTW) (the Project), which is located on the south-western side of Upington in the Northern Cape. The aim of the Project is to increase the capacity of the K-WWTW from 16 MI/d to 24 MI/d. Erf Number 18896 of Upington Township, Northern Cape.**

Nemai Consulting has been appointed by the Dawid Kruiper Municipality to conduct an Environmental Authorisation (EA) Application for the proposed upgrade and expansion of the Kameelmond Wastewater Treatment Works, Upington, Northern Cape Province.

A draft Basic Assessment Report (DBAR) Report has been submitted in terms of the National Environmental Management Act, 1998 (NEMA) and the 2017 NEMA Environmental Impact Assessment (EIA) Regulations. The proposed development will include the refurbishment and demolition of existing infrastructure and the construction of new infrastructure such as Head of Works, various pump stations, sedimentation tanks, dewatering and solar drying pads, chlorination building, chlorine contact tank and office building.

Dr Van Schalkwyk was appointed to provide heritage specialist input as required by section 24(4)b(iii) of NEMA and section 38(8) of the National Heritage Resources Act, Act 25 of 1999 (NHRA).

*Van Schalkwyk, J. A. 2021. Phase 1 Cultural Heritage Impact Assessment: The proposed upgrade and expansion of the Kameelmond Wastewater Treatment Works in Upington, Northern Cape Province.*

No heritage resources were identified within the proposed development footprint. The existing structures are not older than 60 years.

Recommendations provided in the report include the following:

- A Desktop Palaeontological Impact Assessment is required;
- A Chance Finds Procedure must be implemented.

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In an Interim Comment issued on the 15/10/2021, SAHRA requested that a desktop Palaeontological Impact Assessment be conducted by a qualified palaeontologist as part of the proposed development EA process. Since the issuing of the Interim Comment, a desktop PIA has been submitted for review (22/04/2022).

*Butler, E. 2022. Palaeontological Desktop Assessment for the Proposed Upgrade & Expansion of the Kameelmond Wastewater Treatment Works in Upington, Northern Cape.*

The proposed development area is underlain by non-fossiliferous Precambrian rocks that are overlain by sediments of the Gordonina Formation. A Chance Fossil Finds Procedure is recommended to be implemented.

## Final Comment

The following comments are made as a requirement in terms of section 3(4) of the NEMA Regulations and section 38(8) of the NHRA in the format provided in section 38(4) of the NHRA and must be included in the Final EIA and EMP:

- 38(4)a – The SAHRA Archaeology, Palaeontology and Meteorites (APM) Unit has no objections to the proposed development;
- 38(4)b – The recommendations of the specialists are supported and must be adhered to. No further additional specific conditions are provided for the development;
- 38(4)c(i) – If any evidence of archaeological sites or remains (e.g. remnants of stone-made structures, indigenous ceramics, bones, stone artefacts, ostrich eggshell fragments, charcoal and ash concentrations), fossils or other categories of heritage resources are found during the proposed development, SAHRA APM Unit (Natasha Higgitt/Phillip Hine 021 462 5402) must be alerted as per section 35(3) of the NHRA. Non-compliance with section of the NHRA is an offense in terms of section 51(1)e of the NHRA and item 5 of the Schedule;
- 38(4)c(ii) – If unmarked human burials are uncovered, the SAHRA Burial Grounds and Graves (BGG) Unit (Thingahangwi Tshivhase/Ngqabutho Madida 012 320 8490), must be alerted immediately as per section 36(6) of the NHRA. Non-compliance with section of the NHRA is an offense in terms of section 51(1)e of the NHRA and item 5 of the Schedule;
- 38(4)d – See section 51 of the NHRA for offences;
- 38(4)e – The following conditions apply with regards to the appointment of specialists:
- If heritage resources are uncovered during the course of the development, a professional archaeologist or palaeontologist, depending on the nature of the finds, must be contracted as soon as possible to inspect the heritage resource. If the newly discovered heritage resources prove to be of archaeological

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or palaeontological significance, a Phase 2 rescue operation may be required subject to permits issued by SAHRA;

- The Final EIA and EMPr must be submitted to SAHRA for record purposes;
- The decision regarding the EA Application must be communicated to SAHRA and uploaded to the SAHRIS Case application.

Should you have any further queries, please contact the designated official using the case number quoted above in the case header.

Yours faithfully

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Natasha Higgitt  
Heritage Officer  
South African Heritage Resources Agency

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Phillip Hine  
Manager: Archaeology, Palaeontology and Meteorites Unit  
South African Heritage Resources Agency

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## ADMIN:

Direct URL to case: <https://sahris.sahra.org.za/node/584533>  
(DENC, Ref: To be assigned)

[Terms & Conditions:](#)

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1. This approval does not exonerate the applicant from obtaining local authority approval or any other necessary approval for proposed work.
2. If any heritage resources, including graves or human remains, are encountered they must be reported to SAHRA immediately.
3. SAHRA reserves the right to request additional information as required.