



Final Comment

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

Attention: Enviroafrica CC

PO Box 5367

Heilderberg

South Africa

7135

KWV UPINGTON EFFLUENT MANAGEMENT FACILITY (ERF 5410, UPINGTON INDUSTRIA): LICENSING AND EXPANSION OF AN EXISTING TREATMENT FACILITY

Kaplan, J. February 2013. *KWV Upington Effluent Management Facility (Erf 5410, Upington Industria): Licensing and Expansion of an Existing Treatment Facility.*

KWV and OWK Wines operate a brandy distillery (owned by KWV) and a cellar and grape juice concentrator plant (owned by OWK) that are collectively known as the KWV/OWK Complex. This facility makes use of evaporation ponds on Erf 5410 for the treatment of all effluent generated. The volumes of effluent have now increased to the point that the ponds are no longer adequate to the task and it is possible that soil contamination has occurred in the vicinity; additionally, solid waste is now being stored on the site. The application proposes that the current approximately 22ha evaporation pond system be replaced by a 10ha reed bed treatment system which will be located within the footprint of the existing ponds and the existing solid waste facilities (located on Erf 5412) will be upgraded.

The archaeologist notes that as much as 90% of the study area has already been disturbed. The site survey nonetheless, identified 22 artefacts, comprising three Early Stone Age artefacts, two being cores; nine Middle Stone Age artefacts, including flakes, blades, cores and flaked chunks as well as a double sided hammerstone. Other informal tools were also identified, mostly on banded ironstone, silcrete, quartz, quartzite and indurated shale, some of which might be from the Later Stone Age. No formal tools were identified and no organic materials were recorded. These artefacts were accorded low heritage significance.

Case Decision:

As the archaeological material in this area is of low significance, the SAHRA Archaeology, Palaeontology and Meteorites Unit has no objection to the development (in terms of the archaeological component of the heritage resources) on condition that, if any new evidence of archaeological sites or artefacts, palaeontological fossils, graves or other heritage resources is found during development, construction or mining, SAHRA and an archaeologist and/or palaeontologist, depending on the nature of the finds, must be alerted immediately.

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

Yours faithfully





Kathryn Smuts
Heritage Officer: Archaeology
South African Heritage Resources Agency

Colette Scheermeyer
SAHRA Head Archaeologist
South African Heritage Resources Agency

ADMIN:

Direct URL to case: <http://www.sahra.org.za/node/130744>
(, Ref: 12/9/11/L1096/8)

Terms & Conditions:

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.

