

Agency for Cultural Resource Management

Specialists in Archaeological Studies and Heritage Resource Management

PO Box 159 Riebeeck West 7306 Phone/Fax 022-461 2755

E-mail: acrm@wcaccess.co.za Cellular: 082 321 0172

20 August, 2009

Att : Mr Charel Bruwer
EnviroAfrica
PO Box 4
Onrus
7210

Dear Mr Bruwer,

ARCHAEOLOGICAL MONITORING THE CONSTRUCTION OF THE PADDAVLEI STORMWATER PIPELINE IN HAWSTON

The Agency for Cultural Resource Management was instructed by Mr Charel Bruwer of EnviroAfrica to monitor earthworks during installation of the Paddavlei Stormwater Pipeline in Hawston in the Western Cape (Figures 1 and 2). Monitoring of earthworks was requested by Heritage Western Cape, and was a condition of approval of the proposed project¹.

The location of the proposed Paddavlei stormwater drainage pipeline is from the Paddavlei, situated mainly along Marine Drive in Hawston, near Hermanus. The proposed pipeline is intended to discharge excess stormwater into the sea. The pipeline has become necessary, partly brought about as a result of increasing development in Hawston.

Due to the sandy nature of the receiving environment the excavations needed to install the pipeline caused disturbance of areas up to about 40 m wide. The length of the pipeline is about 1 km long.

The site inspection took place on 19 August, 2009. The pipeline route was walked and all existing excavations, cuttings and spoil dumps were inspected and searched for archaeological remains. A GPS track path was created and saved to CD. All artefactual finds were given a GPS waypoint and photographed in-situ.

Figures 3-11 illustrate the nature of the receiving environment and the current construction activities.

An Environmental Control Officer (ECO) is on site each day and was briefed by the archaeologist prior to earthworks commencing.

¹ HWC letter dated 23 June, 2008. Ref: HW/HAWSTON/PADDAVLEI STORMWATER

The following finds were made:

One broken, White Sand mussel (Donax Serra) scraper was found during the site inspection (Figure 12). The location of the scraper (HWS 1) has been marked with a GPS waypoint, set on map datum wgs 84.

In addition to the above, a few dispersed fragments and pieces of shellfish were also found during the site inspection. These included a few fragments of the limpet Scutellastra argenvillei, a few pieces of Cymbula oculus, and several larger pieces of unworked White Sand mussel.

No shell lenses, or dispersed pieces of shellfish were found in any of the trench/excavation cuttings, nor among the large sand spoil dumps situated on the construction site.

The few pieces of shellfish found appears to confirm the assumption made in an earlier report, that the paucity of archaeological sites alongside long sandy beaches is well represented along the South African coastline². Most coastal shell middens are associated with rocky shorelines, headlands and wave cut platforms³.

Some (modern) building rubble and domestic waste was also noticed over some portions of the cleared site.

Excavations and installation of the final section of the pipeline is ongoing. The contractor has been briefed by the archaeologist and should any archaeological and human burial remains be exposed, the archaeologist will be notified immediately.

Yours sincerely

A handwritten signature in blue ink, appearing to read 'Jonathan Kaplan', with a stylized, flowing script.

Jonathan Kaplan

² Kaplan, J. 2005. Phase 1 Archaeological Impact Assessment proposed housing and golf course development Hawston/Fisherhaven. Report prepared for Urban Dynamics Western Cape. Agency for Cultural Resource Management.

³ Kaplan, J. 1993. The state of archaeological information in the coastal zone from the Orange River to Ponto do Ouro. Report prepared for the Department of Environmental Affairs and Tourism. Agency for Cultural Resource Management

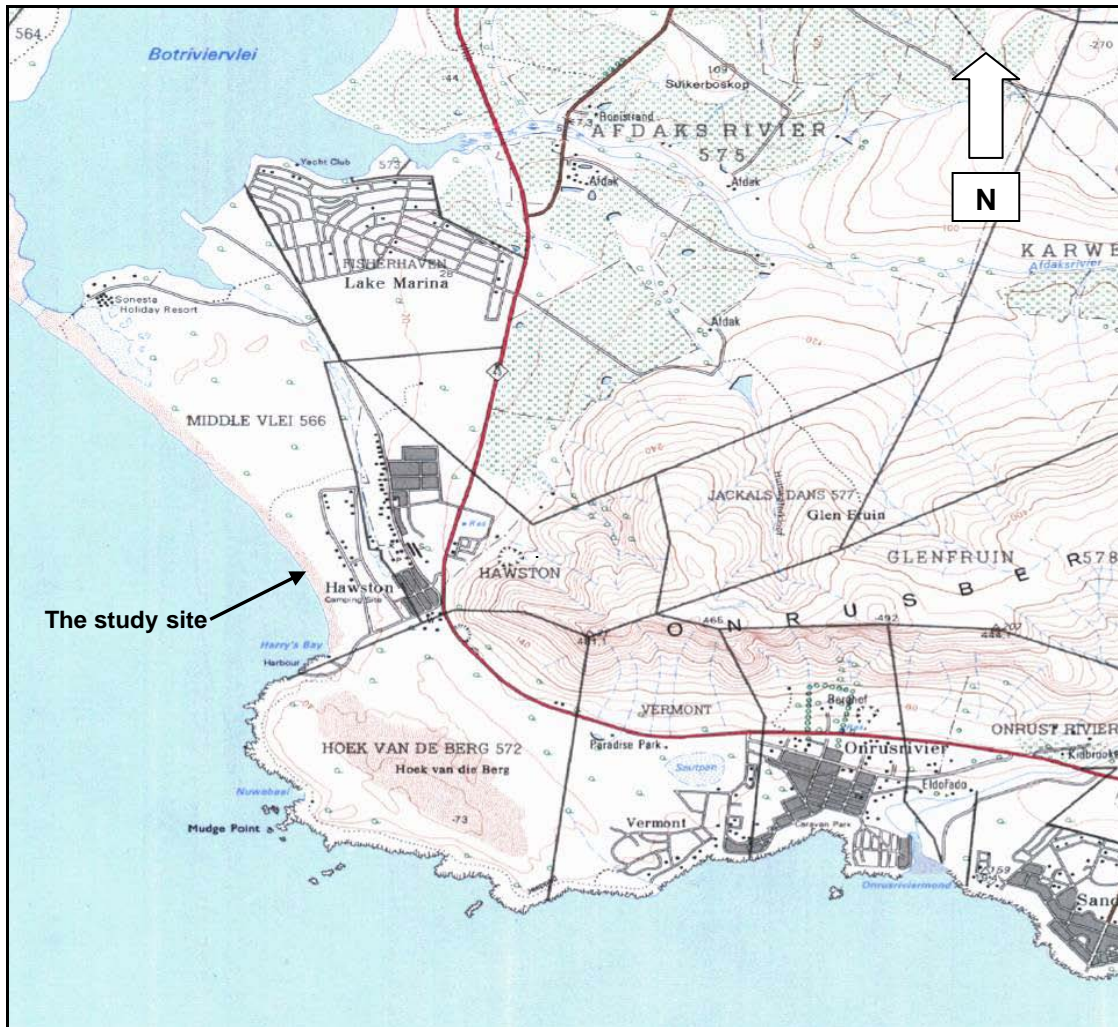


Figure 1. Locality map (3419 AC Hermanus)



Figure 2. Aerial photograph indicating the pipeline route



Figure 3. View facing north



Figure 6. View facing south west



Figure 4. View facing north east



Figure 7. View facing south



Figure 5. View facing north east



Figure 8. View facing north west



Figure 9. View facing north



Figure 11. View facing south



Figure 10. View facing south east



Figure 12. Donax scraper. Scale is in cm