

UNIVERSITY OF THE
WITWATERSRAND,
JOHANNESBURG



Palaeosciences Centre, East Campus, 1 Jan Smuts Avenue, Braamfontein, Johannesburg
Private Bag 3, WITS 2050, Johannesburg, SOUTH AFRICA Tel: 011 717 6682

Marion.bamford@wits.ac.za

25 November 2015

Nokukhanya Khumalo
SAHRA
P O Box
Cape Town

Dear Ms Khumalo

RE: Case ID: 8542 NID Sasol Charlie 1 Landfill Optimisation and Stormwater Management

A desktop palaeontological impact assessment has been done by a professional palaeontologist for Royal HaskoningDHV for their client, Sasol Synfuels Secunda, who proposes the Charlie1 Stormwater optimization project which consists of the construction of 2 ponds which aims to comply with the new Waste Management Act 2008 amendments, it is located on the remainder of Portion 43 Driehoek 275 IS, Govan Mbeki Local Municipality, in Mpumalanga Province.

It is highly unlikely that any fossils would be affected by this development. The SAHRIS palaeosensitivity map for the site indicates red (very sensitive and very high probability of fossils occurring there) occurring around the Winkelhaak Mines and along the small river that feeds into the Evander Dam. The rest of the area is grey (insignificant to zero chance of finding fossils). Although there are coal seams below ground there are no published or published records of fossils plants and vertebrates from this area, most likely because the deposits are far below the surface.

Once excavations and construction operations have begun, however, it is recommended that the personnel should look out for fossils in the shales between coal seams. If any fossil plants are found they should be protected on site, and a palaeontologist called to assess their significance and any further action required.

Yours sincerely

A handwritten signature in blue ink that reads 'M Bamford'.

Prof Marion Bamford
Palaeobotanist
ESI