

CONSTRUCTION OF A BOUNDARY WALL AND STORAGE AREA ON ERF 3132 St. Francis Bay
AGRICULTURAL SENSITIVITY VERIFICATION REPORT

1. DFFE – Screening tool – Agricultural sensitivity

The DFFE Screening Report referred to in Regulation 16(1)(v) of the NEMA EIA 2014 regulations and generated using the DFFE Screening Tool, indicates that the site contains agricultural areas of medium sensitivity (Figure 1). A site assessment was carried out by an agricultural practitioner to verify the sensitivity of the site with regards to agricultural potential.



Figure 1: DFFE Screening Tool outcome for agricultural theme (medium sensitivity)

2. Details of site inspection

A site inspection was not done as sufficient information on the site and soils was provided in a geotechnical report conducted by Outeniqua Geotechnical Services, Knysna.

A Soil pit was excavated and described. The soils were classified using the Soil Classification, (Soil Classification Working Group, 2018).

The property is used domestically and is currently not used for agriculture.

3. Details of Agricultural practitioner

Gavin Schafer SACNASP No. 40081/03

4. Geology and soils

The geology of the area is described as aeolianite.

The soil is classified as Witbank 1000. This is an Anthrosol which is a soil that has been altered due to human activities, i.e. topsoil has been added to the profile.

The topsoil is a dark brown fine silty sand some 20 cm thick which overlies deep (in excess of 150 cm) pale yellow, fine sand.

5. Site Verification

Aspects of the site:

- Terrain unit: upper slope
- Slope: gently sloping
- Soil form: Witbank 1100 ESD: 150 cm TSD 150 cm
- Topsoil clay %: 8
- Subsoil clay%: 6
- No agricultural activity takes place and has not for the past 5 years.
- There has been no agricultural related employment for the last 5 years.

This land has not been used for agricultural activities in the recent past. The surrounding area is not used for agriculture but housing. The site is of low agricultural sensitivity for agriculture.

The land concerned has not been used or agriculture for the past 5 years and more and the development have no impact on the agricultural potential; The proposed development will have no adverse effect on the agricultural potential.

Conclusion

The site has a low agricultural potential due to:

1. The soil has a low water holding capacity.
2. The area is too small to support an economically viable agricultural enterprise.

I approve of the development of a boundary wall and storage area on this site. The proposed development will have no effect on the agricultural potential of the site.

It would be of little value to return the land to its original state due to the inherent low soil potential for agriculture.

I recommend that project should go ahead as the agricultural potential is low.

References

Soil Classification Working Group (2018). Soil Classification. A natural and Anthropogenic System for South Africa. Agricultural Research Council for Soil, Climate and Water. Pretoria



DETAILS OF SPECIALIST AND DECLARATION OF INTEREST IN TERMS OF REGULATIONS 12 AND 13 OF THE AMENDMENTS TO THE ENVIRONMENTAL IMPACT ASSESSMENT REGULATIONS, 2014 AS AMENDED.

(For official use only)

File Reference Number:

NEAS Reference Number:

Date Received:

Application for environmental authorization in terms of the National Environmental Management Act, 1998 (Act No. 107 of 1998), as amended and the Amendments to the Environmental Impact Assessment Regulations, 2014. This form is valid as of 6 January 2021.

PROJECT TITLE

Proposed Construction of a Boundary Wall and Storage Area with a Deck

SPECIALIST 1

Contact person:

Postal address:

Postal code:

Telephone:

E-mail:

Professional affiliation(s) (if any)

Gavin Schafer

n/a

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SACNASP, SSSSA, SAIF

Project Consultant:	Eco Route Environmental Consultancy		
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E-mail:	samantha@ecoroute.co.za		

4.2 The SPECIALIST

I, GAYIN SCHAFER, declare that –

General declaration:

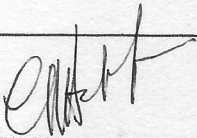
- I act as the independent Specialist in this application
- I will perform the work relating to the application in an objective manner, even if this results in views and findings that are not favourable to the applicant
- I declare that there are no circumstances that may compromise my objectivity in performing such work;
- I have expertise in conducting environmental impact assessments, including knowledge of the Act, regulations and any guidelines that have relevance to the proposed activity;
- I will comply with the Act, regulations and all other applicable legislation;
- I will take into account, to the extent possible, the matters listed in regulation 8 of the regulations when preparing the application and any report relating to the application;
- I have no, and will not engage in, conflicting interests in the undertaking of the activity;
- I undertake to disclose to the applicant and the competent authority all material information in my possession that reasonably has or may have the potential of influencing - any decision to be taken with respect to the application by the competent authority; and - the objectivity of any report, plan or document to be prepared by myself for submission to the competent authority;
- I will ensure that information containing all relevant facts in respect of the application is distributed or made available to interested and affected parties and the public and that participation by interested and affected parties is facilitated in such a manner that all interested and affected parties will be provided with a reasonable opportunity to participate and to provide comments on documents that are produced to support the application;
- I will ensure that the comments of all interested and affected parties are considered and recorded in reports that are submitted to the competent authority in respect of the application, provided that comments that are made by

interested and affected parties in respect of a final report that will be submitted to the competent authority may be attached to the report without further amendment to the report;

- I will keep a register of all interested and affected parties that participated in a public participation process; and
- I will provide the competent authority with access to all information at my disposal regarding the application, whether such information is favourable to the applicant or not
- all the particulars furnished by me in this form are true and correct;
- will perform all other obligations as expected from an environmental assessment practitioner in terms of the Regulations; and
- I realise that a false declaration is an offence and is punishable in terms of section 24F of the Act.

Disclosure of Vested Interest (delete whichever is not applicable)

- I do not have and will not have any vested interest (either business, financial, personal or other) in the proposed activity proceeding other than remuneration for work performed in terms of the Amendments to Environmental Impact Assessment Regulations, 2014 as amended.
- I have a vested interest in the proposed activity proceeding, such vested interest being:



Signature of the specialist:


TERRAMA P.

Name of company:

7/11/23

Date:

Signature of the Commissioner of Oaths:

 7254761-8
T-30017E
S/CST

2023-11-07

Date:

S/CST

Designation:

06 Wolcemade Sorec, General, Jeffreys Bay.
* Curriculum Vitae (CV) attached

Official stamp (below).

