

Appendix E6 – SAHRA

**PROPOSED VISSERSPAN GRID CONNECTION ON THE FARMS VISSERSPAN
NO. 40, MOOIHOEK NO. 1547, VASTEVELD NO. 1548 AND KINDERDAM NO.
1685, NEAR DEALESVILLE, TOKOLOGO LOCAL MUNICIPALITY, FREE STATE
PROVINCE**



an agency of the
Department of Arts and Culture

T: +27 21 462 4502 | F: +27 21 462 4509 | E: info@sahra.org.za
South African Heritage Resources Agency | 111 Harrington Street | Cape Town
P.O. Box 4637 | Cape Town | 8001
www.sahra.org.za

Enquiries: Sityhilelo Ngcatsha
Tel: 0212028663
Email: sngcatsha@sahra.org.za
CaseID: 17969

Date: Monday February 21, 2022
Page No: 1

Interim Comment

In terms of Section 38(8), 38(3) of the National Heritage Resources Act (Act 25 of 1999)

Attention: ACRM

The proposed development is primarily a linear development and includes the construction of two new substations located at each end of the grid connection line. A combined switching station and high voltage substation on the Farm Visserspan 40 will serve as the collection point for electricity generated from the proposed Visserspan Solar PV Facility.

ACRM was appointed by Enviroafrica to conduct an Archaeological Impact Assessment (AIA) for the proposed Visserspan Grid Connection on the farms Visserspan No. 40, Mooihoek No. 1547, Vasteveld No. 1548, and Kinderdam No. 1685, near Dealesville, Tokologo Local Municipality, in the Free State Province.

The estimated total length of the grid connection line is about 6km and will be either via 132kV steel monopole, or 400kV pylon overhead powerlines. The servitude for the proposed grid connection will be ± 55 m wide. Existing farm roads and farm maintenance roads will be used, and no new roads will need to be constructed.

It is noted on page 2 of the Heritage Impact Assessment (HIA) report that Enviroafrica is the appointed independent Environmental Assessment Practitioner responsible for facilitating the Environmental Basic Assessment (BA) process for Environmental Authorisation. The kml. file outlining the development area has not been attached to the case.

Please submit the draft BAR and appendices along with the kml. file before further comments can be issued.

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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NO. 40, MOOIHOEK NO. 1547, VASTEVELD NO. 1548 AND KINDERDAM NO.
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Date: Monday February 21, 2022
Page No: 2

Sityhilelo Ngcatsha
Archaeology, Palaeontology, Meteorite Assistant
South African Heritage Resources Agency

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

ADMIN:

Direct URL to case: <https://sahris.sahra.org.za/node/592748>
(, Ref:)

From: acrm@waccess.co.za
Sent: Thursday, 17 February 2022 13:13
To: vivienne@enviroafrica.co.za
Subject: visserpan grid connection - uploaded to SAHRIS

Importance: Low

Hi Viv
Have uploaded to SAHRIS – see below
Please let Bernard know as well

Jonathan

PROPOSED VISSERSPAN GRID CONNECTION ON THE FARMS VISSERSPAN NO. 40, MOOIHOEK NO. 1547, VASTEVELD NO. 1548 AND KINDERDAM NO. 1685, NEAR DEALESVILLE, TOKOLOGO LOCAL MUNICIPALITY, FREE STATE PROVINCE

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CaseHeader **LocationInfo** **Admin**

Status: SUBMITTED

HeritageAuthority(s): SAHRA
HFS

Case Type: Section 38 (1) - Decision from Heritage Authority required

ProposalDescription:

The proposed development is primarily a linear development and includes the construction of two new substations located at each end of the grid connection line. A combined switching station and high voltage substation on the Farm Visserspan 40 will serve as the collection point for electricity generated from the proposed Visserspan Solar PV Facility.

Expanded_Motivation:

The proposed development is primarily a linear development and includes the construction of two new substations located at each end of the grid connection line. A combined switching station and high voltage substation on the Farm Visserspan 40 will serve as the collection point for electricity generated from the proposed Visserspan Solar PV Facility. From the switching station, electricity will be fed via overhead powerlines to the east, turning north east to trace the northern boundary of the Farms Mooihoek No. 1547 and Vasteveld No. 1548, before turning north east and running along the southern boundary of the Farm Kinderdam No. 1685, finally connecting to the proposed new Kinderdam main transmission substation (MTS). From the Kinderdam MTS, electricity will feed into the existing Eskom Perseus/Theseus 400kV overhead powerline that runs adjacent the site. The estimated total length of the grid connection line is about 6km and will be either via 132kV steel monopoles, or 400kV pylon overhead powerlines. The servitude for the proposed grid connection will be ± 55m wide. Existing farm roads and farm maintenance roads will be used, and no new roads will need to be constructed.

ApplicationDate: Thursday, February 17, 2022 - 12:48

CaseID: 17969

Applicants: ACRM

Consultants/Experts: Jonathan Kaplan

OtherReferences:

Heritage Reports: Phase 1 AIA Proposed Visserspan Grid Connection

ReferenceList:

Vivienne Thomson

From: acrm@wcaccess.co.za
Sent: Thursday, 17 February 2022 13:08
To: 'Natasha Higgitt'
Cc: vivienne@enviroafrica.co.za; 'de witt, Bernard'; 'Sityhilelo Ngcatsha'; 'Ragna Redelstorff'
Subject: RE: SAHRA CASE ID 15046

Done, thanks Natasha

Jonathan

From: Natasha Higgitt <nhiggitt@sahra.org.za>
Sent: Wednesday, 16 February 2022 09:46
To: Kaplan, Jonathan <acrm@wcaccess.co.za>
Cc: vivienne@enviroafrica.co.za; de witt, Bernard <bernard@enviroafrica.co.za>; Sityhilelo Ngcatsha <sngcatsha@sahra.org.za>; Ragna Redelstorff <rredelstorff@sahra.org.za>
Subject: RE: SAHRA CASE ID 15046
Importance: Low

Good morning,

Please provide clarity on the proposed development assessed as part of the latest HIA. Case 15046 dealt with a PV facility and internal powerline. If the newest HIA is assessing a new proposed development that has a new NEMA application number, we request that a new SAHRIS application be created.

Kind regards,

From: Ragna Redelstorff <rredelstorff@sahra.org.za>
Sent: 15 February 2022 14:41
To: Sityhilelo Ngcatsha <sngcatsha@sahra.org.za>
Cc: Natasha Higgitt <nhiggitt@sahra.org.za>
Subject: FW: SAHRA CASE ID 15046

From: acrm@wcaccess.co.za <acrm@wcaccess.co.za>
Sent: Sunday, 13 February 2022 11:05
To: Ragna Redelstorff <rredelstorff@sahra.org.za>
Cc: 'Vivienne Thomson' <vivienne@enviroafrica.co.za>; 'Bernard de witt' <bernard@enviroafrica.co.za>
Subject: SAHRA CASE ID 15046

Dear Ragna,

I hope you are OK, and keeping well.

I have just uploaded an Additional Report (Visserspan Grid connection), to the Case ID 15046.

I have not created a new Case Id, as the report is directly associated with the proposed Visserspan Solar Energy Facility at Dealseville in the Free State Province

As soon as the FBAR (for the grid connection) is finalized, I will upload to SAHRIS as well.

Please can you confirm I have followed the correct process

Kind regards, Jonathan

Ragna Redelstorff, Ph.D.

Heritage Officer Archaeology, Palaeontology &
Meteorites Unit



T: +27 21 4624502/ 8651
M:
E: RRedelstorff@sahra.org.za
A: SAHRA, 111 Harrington Street, Cape Town, 8001,
Western Cape, ZA
www.sahra.org.za

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Natasha Higgitt

Heritage Officer: Archaeology, Palaeontology and
Meteorites Unit



T: +27 21 462 4502/ 8660
M: +27 82 507 0378
E: nhiggitt@sahra.org.za
A: SAHRA, 111 Harrington Street, Cape Town, 8001,
Western Cape, ZA
www.sahra.org.za

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SAHRA PRIVACY POLICY

Vivienne Thomson

From: acrm@wcaccess.co.za
Sent: Sunday, 13 February 2022 11:05
To: 'Ragna Redelstorff'
Cc: 'Vivienne Thomson'; 'Bernard de witt'
Subject: SAHRA CASE ID 15046

Dear Ragna,

I hope you are OK, and keeping well.

I have just uploaded an Additional Report (Visserspan Grid connection), to the Case ID 15046.

I have not created a new Case Id, as the report is directly associated with the proposed Visserspan Solar Energy Facility at Dealseville in the Free State Province

As soon as the FBAR (for the grid connection) is finalized, I will upload to SAHRIS as well.

Please can you confirm I have followed the correct process

Kind regards, Jonathan

Vivienne Thomson

From: acrm@wcaccess.co.za
Sent: Sunday, 13 February 2022 10:55
To: 'Vivienne Thomson'
Cc: 'Bernard de witt'
Subject: visserspan grid connection

Hi Vivienne,

See screen shot below – Visserspan Grid Connection report upload to SAHRIS as additional, supporting documentation

See below additional documents

Jonathan

CaseHeader	LocationInfo	Admin
Status: SUBMITTED		
HeritageAuthority(s): SAHRA HFS		
Case Type: Section 38 (8) - Statutory Comment Required		
Development Type: Renewable Energy		
ProposalDescription: Four, solar PV projects are proposed on the Farm Visserspan No. 40 near Dealesville (Figure 4). Each stand-alone facility will have a maximum generating capacity of 100MW and include the following infrastructure: Solar panels covering an area of about 200ha. The solar arrays will be raised approximately 500mm above ground level and will have single axis tracking systems. Transmission and distribution lines for connection to the Eskom Perseus substation. Inverter-transformer stations on concrete beds. Offices, workshops, stores, maintenance sheds, ablution facilities, and Security/fencing.		
Expanded Motivation: The proposed development is primarily a linear development and includes the construction of two new substations located at each end of the grid connection line. A combined switching station and high voltage substation on the Farm Visserspan 40 will serve as the collection point for electricity generated from the proposed Visserspan Solar PV Facility (Kaplan 2020). From the switching station, electricity will be fed via overhead powerlines to the east, turning north east to trace the northern boundary of the Farms Mooihoek No. 1547 and Vasteveld No. 1548, before turning north east and running along the southern boundary of the Farm Kinderdam No. 1685, finally connecting to the proposed new Kinderdam main transmission substation (MTS). From the Kinderdam MTS, electricity will feed into the existing Eskom Perseus/Theseus 400kV overhead powerline that runs adjacent the site. The estimated total length of the grid connection line is about 6km and will be either via 132kV steel monopole, or 400kV pylon overhead powerlines. The servitude for the proposed grid connection will be ± 55m wide. Existing farm roads and farm maintenance roads will be used, and no new roads will need to be constructed.		
ApplicationDate: Tuesday, March 24, 2020 - 15:20		
CaseID: 15046		
Applicants: EnviroAfrica CC		
Consultants/Experts: Jonathan Kaplan		
OtherReferences:		
Heritage Reports:		
Heritage Impact Assessment Proposed Visserspan PV Solar Energy Farm on Visserspan 40 near Dealesville, Free State		
ReferenceList:		

1. 0 DBAR Visserspan Project 1.pdf
2. Appendix A - Locality Maps.pdf
3. Appendix C - Site Photographs.pdf
4. Appendix G3c - Visual Impact Assessment.pdf
5. Appendix J - Environmental Management Programme-Plan EMP1.pdf
6. 0 DBAR Visserspan Project 2.pdf
7. Appendix A - Locality Maps.pdf
8. Appendix C - Site Photographs.pdf
9. Appendix G3c - Visual Impact Assessment.pdf
10. Appendix J - Environmental Management Programme-Plan EMP1.pdf
11. 0 DBAR Visserspan Project 3.pdf
12. Appendix A - Locality Maps.pdf
13. Appendix C - Site Photographs.pdf
14. Appendix G3c - Visual Impact Assessment.pdf
15. Appendix J - Environmental Management Programme-Plan EMP1.pdf
16. 0 DBAR Visserspan Project 4.pdf
17. Appendix A - Locality Maps.pdf
18. Appendix C - Site Photographs.pdf
19. Appendix G3c - Visual Impact Assessment.pdf
20. Appendix J - Environmental Management Programme-Plan EMP1.pdf
21. Report Endermfrica Proposed Visserspan Grid Connection - JHA.pdf

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South African Heritage Resources Agency (SAHRA)
Head Office
111 Harrington Street
CAPE TOWN
8001

PO Box 4637
Cape Town, 8000
Tel 021 462 4552/Fax 021 462 4509
Email: info@sahra.org.za
Web: www.sahra.org.za

