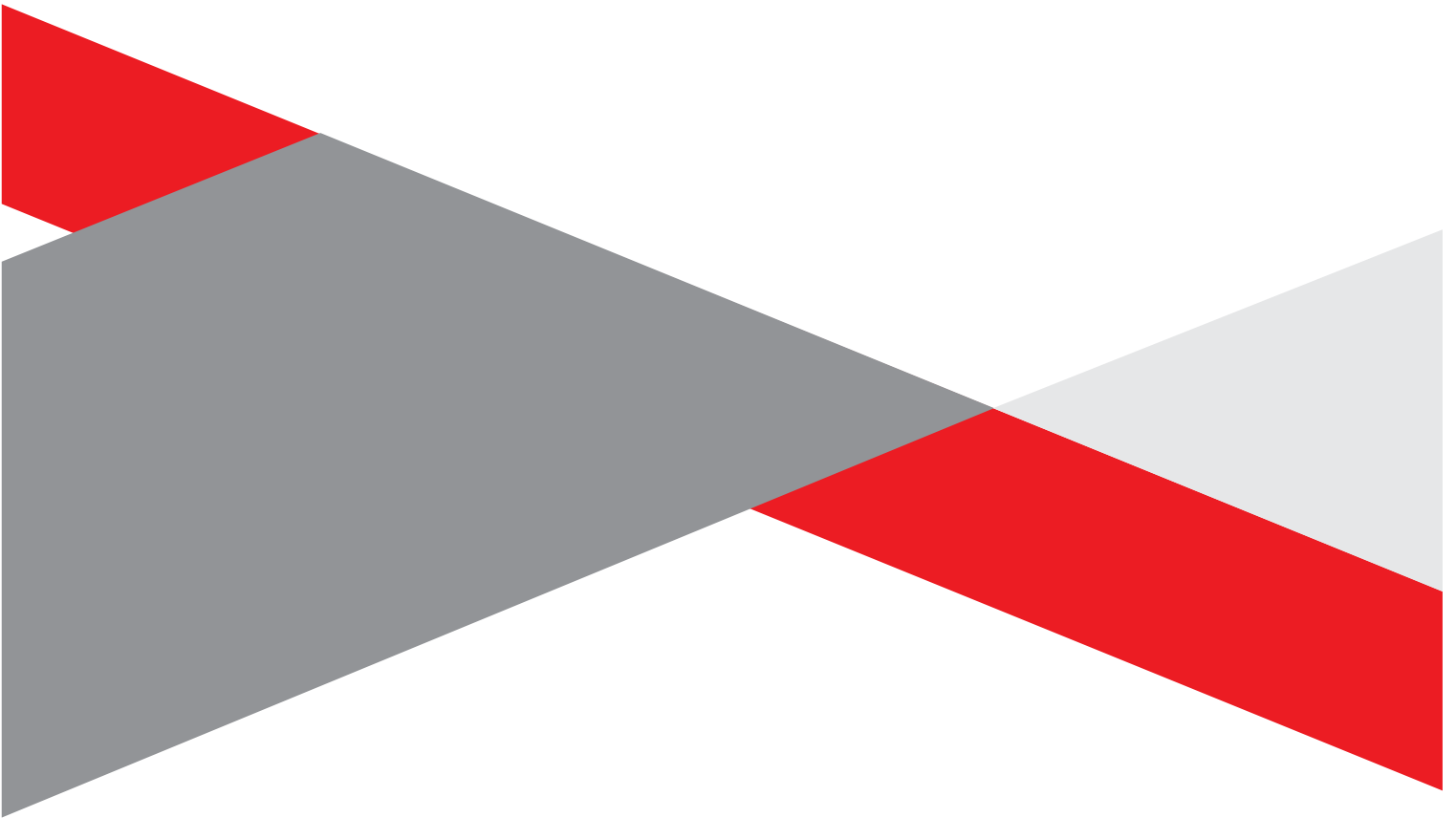


APPENDIX E6
COMMENTS RECEIVED



Savannah Public Process

From: Savannah Public Process
Sent: Wednesday, 12 October 2022 03:59
To: Francois Strydom; dfacmiem@gmail.com
Subject: HARMONY MOAB KHOTSONG SOLAR PV (SE3270) - Acknowledgement of comment
Attachments: 3,4,5 Moab Khotsong PV Facility.kmz

Dear Mr Strydom,

Thank you for drawing our attention to the correct internal SANDF process.

I can confirm that Maj JR Kenny: Chief of Logistics (email address: dfacmiem@gmail.com) received the notification e-mail below dated 26 September 2022.

Hope the above address your e-mail below.

Kind regards,



t: +27 (0)11 656 3237
f: +27 (0) 86 684 0547

Nicolene Venter

Public Participation and Social
Consultant

e: publicprocess@savannahsa.com
c: +27 (0)60 978 8396

SAWEA Award for Leading Environmental Consultant on Wind Projects in 2013 & 2015

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This email has been scanned for viruses and malware, and automatically archived by **Mimecast SA (Pty) Ltd**, and is believed to be clean

From: Francois Strydom <Francois.Strydom@dod.mil.za>
Sent: Monday, 26 September 2022 09:51
To: Savannah Public Process <publicprocess@savannahsa.com>
Cc: dfacmiem@gmail.com
Subject: RE: SE3270: HARMONY MOAB KHOTSONG SOLAR PV - Notification of Basic Assessment (BA) Process and Availability of BA Report for review and comment
Importance: High

Good Day

I confirm that the nodal point for your applications is: dfacmiem@gmail.com

I am just one of various Stakeholders.

We (Stakeholders for the DOD response) may not respond if the correct internal SANDF processes are not followed. You have also not attached any KML / KMZ files on any of the Harmony applications (Moab / One / Target / Joel), nor this one.



Lieutenant Colonel Francois P Strydom

**Department of Defence
CMIS Division
Directorate CMI Static Systems
Radio Spectrum & Radio Facility Management
Eco Glades 1, 70 Ribbon Grass Street, Eco Park, Centurion, South Africa**

E-Mail: Francois.Strydom@dod.mil.za
Tel Office: (+27) 12 649 1503
Work Fax: (+27) 12 649 1560
Cellular: (+27) 82 655 3259

From: Savannah Environmental Public Process [<mailto:publicprocess@savannahsa.com>]
Sent: Monday, 26 September 2022 07:38
To: Francois Strydom <Francois.Strydom@dod.mil.za>
Subject: SE3270: HARMONY MOAB KHOTSONG SOLAR PV - Notification of Basic Assessment (BA) Process and Availability of BA Report for review and comment

**HARMONY MOAB KHOTSONG PLANT SOLAR PV FACILITY, VIERFONTEIN, FREE STATE PROVINCE
(DESTEA Reference No.: To be Issued)**

Dear Stakeholder and Interested & Affected Party,

Harmony Moab Khotsong Operations (Pty) Ltd is looking to supplement its energy supply by implementing Photovoltaic (PV) generation, aiding their transition to a more sustainable and environmentally friendly energy mix.

The development of a solar photovoltaic (PV) facility with a generating capacity of 100MW is proposed on a site located north of the Harmony Gold Moab and south of the Harmony Gold Great Nologwa operations, approximately ~10km north of the town of Vierfontein within the Moqhaka Local Municipality, Fezile Dabi District Municipality, Free State Province. The solar PV development will be known as Harmony Moab Khotsong Solar PV Facility.

The nature and extent of the solar PV facility is explored in more detail in the Background Information Document (BID) attached.

A Basic Assessment (BA) process is being undertaken to obtain Environmental Authorisation (EA) for the development of the PV facility and associated infrastructure. The public participation process provides the public with an opportunity to comment on the project.

Please find attached for your perusal the following documents:

- Background Information Document in which the nature and extent of the solar PV facility is explored in

more detail; and

- Notification of availability of the Basic Assessment Report for review and comment.

The Basic Assessment Report is available for downloading from our website [click here](#).

Please do not hesitate to contact us should you require any additional information and/or clarification regarding these projects.

Our team welcomes your participation and look forward to your involvement throughout the Basic Assessment Process.

Kind regards,

[Unsubscribe this type of email](#)



t: 011 656 3237
f: 086 684 0547

Nicolene Venter
Public Process

e: publicprocess@savannahsa.com
c: +27 (0) 60 978 8396

SAWEA Award for Leading Environmental Consultant on Wind Projects in 2013 & 2015

Savannah Public Process

From: Savannah Public Process
Sent: Tuesday, 04 October 2022 06:17
To: Melato Boitumelo (BFN)
Cc: Grobler Willem (BFN)
Subject: RE: HARMONY MOAB KHOTSONG SOLAR PV - Notification of EIA Process and Availability of BA Report for review and comment

Dear Botumelo,

Thank you for the information provided below – we had updated the project’s database accordingly.

Kind regards,



t: +27 (0)11 656 3237
f: +27 (0) 86 684 0547

Nicolene Venter

Public Participation and Social
Consultant

e: publicprocess@savannahsa.com
c: +27 (0)60 978 8396

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This email has been scanned for viruses and malware, and automatically archived by **Mimecast SA (Pty) Ltd**, and is believed to be clean

From: Melato Boitumelo (BFN) <MelatoB@dws.gov.za>
Sent: Wednesday, 28 September 2022 08:04
To: Savannah Public Process <publicprocess@savannahsa.com>
Cc: Grobler Willem (BFN) <GroblerW@dws.gov.za>
Subject: RE: HARMONY MOAB KHOTSONG SOLAR PV - Notification of EIA Process and Availability of BA Report for review and comment

Morning,

Your e-mail below is noted. The Moab Khotsong project will be commented on by my colleague as it is in her area.

I propose that you send notification of projects to the Provincial Head (Dr Ntili) at email address-ntilit@dws.gov.za so that they can be co-ordinated from there.

Regards,
Boitumelo Melato
082 556 3497

From: Savannah Public Process <publicprocess@savannahsa.com>

Sent: Tuesday, 27 September 2022 16:03

To: Melato Boitumelo (BFN) <MelatoB@dws.gov.za>

Subject: HARMONY MOAB KHOTSONG SOLAR PV - Notification of EIA Process and Availability of BA Report for review and comment

Dear Boitumelo,

As per our e-mail notification sent yesterday regarding the availability of the BA Report for the Harmony Moab Khotsong Solar PV project, please be informed that arrangements are being made to have the hard copy of the BA Report delivered to your offices.

I will send you a copy of the waybill once received.

Kind regards,



t: +27 (0)11 656 3237
f: +27 (0) 86 684 0547

Nicolene Venter
Public Participation and Social
Consultant

e: publicprocess@savannahsa.com
c: +27 (0)60 978 8396

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This email has been scanned for viruses and malware, and automatically archived by **Mimecast SA (Pty) Ltd**, and is believed to be clean

From: Melato Boitumelo (BFN) <MelatoB@dws.gov.za>

Sent: Wednesday, 21 September 2022 10:58

To: Savannah Public Process <publicprocess@savannahsa.com>

Subject: FW: SE3270: HARMONY ONE PLANT SOLAR PV - Notification of EIA Process and Availability of Scoping Report for review and comment

Good day Nicolene,

Kindly find attached the comments for the scoping reports for Target, One Plant and Joel Solar projects.

Another reminder to send the hardcopies of the **Scoping reports** and the **Basic Assessment Reports** as our registry is only filing hardcopies and not soft copies. The document must be addressed as follows:

Attention: Dr T Ntili
Department of Water and Sanitation
Corner Charlotte Maxeke and East Burger
2nd Floor: Bloem Plaza Building
Bloemfontein

Regards,
Boitumelo Melato
082 556 3497

From: Melato Boitumelo (BFN)
Sent: Thursday, 15 September 2022 15:37
To: 'Savannah Public Process' <publicprocess@savannahsa.com>
Subject: FW: SE3270: HARMONY ONE PLANT SOLAR PV - Notification of EIA Process and Availability of Scoping Report for review and comment

Good day,

Just a reminder to send the hardcopies of the Scoping reports as our registry is only filing hardcopies and not soft copies . The document must be addressed as follows:

Attention: Dr T Ntili
Department of Water and Sanitation
Corner Charlotte Maxeke and East Burger
2nd Floor: Bloem Plaza Building
Bloemfontein

Regards,
Boitumelo Melato
082 556 3497

From: Melato Boitumelo (BFN)
Sent: Thursday, 15 September 2022 15:17
To: Savannah Public Process <publicprocess@savannahsa.com>
Subject: RE: SE3270: HARMONY ONE PLANT SOLAR PV - Notification of EIA Process and Availability of Scoping Report for review and comment

Good day Nicolene,

Thank you for the password. I have managed to download the Scoping reports.

Regards,

From: Savannah Public Process <publicprocess@savannahsa.com>
Sent: Thursday, 15 September 2022 14:46
To: Melato Boitumelo (BFN) <MelatoB@dws.gov.za>
Subject: RE: SE3270: HARMONY ONE PLANT SOLAR PV - Notification of EIA Process and Availability of Scoping Report for review and comment

Dear Boitumelo,

As requested, herewith the Release Code to download the three Scoping Reports from our website: 5Fp3Oi49

Please confirm that you could successfully download the Reports.

Kind regards,



t: +27 (0)11 656 3237
f: +27 (0) 86 684 0547

Nicolene Venter

Public Participation and Social
Consultant

e: publicprocess@savannahsa.com
c: +27 (0)60 978 8396

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From: Melato Boitumelo (BFN) <MelatoB@dws.gov.za>

Sent: Thursday, 15 September 2022 10:58

To: Savannah Public Process <publicprocess@savannahsa.com>

Subject: FW: SE3270: HARMONY ONE PLANT SOLAR PV - Notification of EIA Process and Availability of Scoping Report for review and comment

Morning,

May you kindly send me the documents for the following projects.

- SE3270: HARMONY ONE PLANT SOLAR PV - Notification of EIA Process and Availability of Scoping Report for review and comment
- SE3270: HARMONY TARGET SOLAR PV - Notification of EIA Process and Availability of Scoping Report for review and comment
- SE3270: HARMONY JOEL SOLAR PV - Notification of EIA Process and Availability of Scoping Report for review and comment

Regards,

From: Grobler Willem (BFN) <GroblerW@dws.gov.za>

Sent: Friday, 26 August 2022 10:45

To: Melato Boitumelo (BFN) <MelatoB@dws.gov.za>

Subject: FW: SE3270: HARMONY ONE PLANT SOLAR PV - Notification of EIA Process and Availability of Scoping Report for review and comment

Morning Tumi,

Please find for your information

Regards

From: Musekene Nkhumeleni <MusekeneN2@dws.gov.za>

Sent: Friday, 26 August 2022 10:39

To: Grobler Willem (BFN) <GroblerW@dws.gov.za>

Cc: Maseloane Kereemang <MaseloaneK@dws.gov.za>

Subject: FW: SE3270: HARMONY ONE PLANT SOLAR PV - Notification of EIA Process and Availability of Scoping Report for review and comment

Good day Willem,

Please attend to the attached 3 scoping reports and provide inputs by the **20 September 2022**. The reports are for the following projects:

- SE3270: HARMONY ONE PLANT SOLAR PV - Notification of EIA Process and Availability of Scoping Report for review and comment
- SE3270: HARMONY TARGET SOLAR PV - Notification of EIA Process and Availability of Scoping Report for review and comment
- SE3270: HARMONY JOEL SOLAR PV - Notification of EIA Process and Availability of Scoping Report for review and comment

Regards

Mr Nkhume Musekene

From: Savannah Environmental Public Process <publicprocess@savannahsa.com>

Sent: Wednesday, 24 August 2022 17:48

To: Musekene Nkhumeleni <MusekeneN2@dws.gov.za>

Subject: E3270: HARMONY ONE PLANT SOLAR PV - Notification of EIA Process and Availability of Scoping Report for review and comment

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**HARMONY ONE PLANT SOLAR PV FACILITY, ASSOCIATED INFRASTRUCTURE AND ELECTRICAL GRID INFRASTRUCTURE
LOCATED NEAR WELKOM, FREE STATE PROVINCE
(DESTEA Reference No.: To be Issued)**

Dear Stakeholder and Interested & Affected Party,

Freegold Harmony (Pty) Ltd (a subsidiary of Harmony Gold Mining Company Ltd) is looking to supplement its energy supply by implementing Photovoltaic (PV) generation, aiding their transition to a more sustainable and environmentally friendly energy mix.

The development of a solar photovoltaic (PV) facility with a generating capacity of 30MW is proposed south-west of the Witpan dam, south of the Harmony One Gold Plant operations, approximately ~14km north west of the town of Virginia within the Matjhabeng Local Municipality and within the Lejweleputswa District Municipality, Free State Province. The PV facility is located on the Remaining Extent of the Farm Marmageli 20 and Remaining Extent of the Farm Welkom 80 and is owned by the Mine. The solar PV development will be known as Harmony One Plant Solar PV Facility.

The nature and extent of the solar PV facility is explored in more detail in this Background Information Document (BID). A full Scoping and Environmental Impact Reporting (S&EIR) process is being undertaken in order to obtain Environmental Authorisation (EA) for the development of the PV facility and associated infrastructure. The public participation process provides the public with an opportunity to comment on the project.

Please find attached for your perusal the following documents:

- Background Information Document; and
- Notification of availability of the Scoping Report.

The Scoping Report is available for downloading from our website [click here](#).

Please do not hesitate to contact us should you require any additional information and/or clarification regarding these projects.

Our team welcomes your participation and look forward to your involvement throughout the Environmental Impact Assessment Process.

Kind regards,

[Unsubscribe this type of email](#)



t: 011 656 3237
f: 086 684 0547

Nicolene Venter
Public Process

e: publicprocess@savannahsa.com
c: +27 (0) 60 978 8396

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Savannah Public Process

From: Savannah Public Process
Sent: Tuesday, 04 October 2022 06:12
To: 'Mdhului Sibó (BFN)'; Michael Morreira
Subject: RE: HARMONY MOAB KHOTSONG SOLAR PV - Notification of EIA Process and Availability of BA Report for review and comment

Tracking:	Recipient	Delivery
	'Mdhului Sibó (BFN)' Michael Morreira	Delivered: 2022/10/04 06:13

Dear Sibó,

Thank you for the information below and we can confirm that a hard copy of the report has been courier to Dr T Ntuli.

Kind regards,



t: +27 (0)11 656 3237
f: +27 (0) 86 684 0547

Nicolene Venter

Public Participation and Social
Consultant

e: publicprocess@savannahsa.com
c: +27 (0)60 978 8396

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From: Mdhului Sibó (BFN) <Mdhului@dws.gov.za>
Sent: Wednesday, 28 September 2022 08:57
To: Savannah Public Process <publicprocess@savannahsa.com>; Michael Morreira <Michael@savannahsa.com>
Subject: FW: HARMONY MOAB KHOTSONG SOLAR PV - Notification of EIA Process and Availability of BA Report for review and comment

For Consultation with the DWS Free State Regional Office Upper Orange and Middle Vaal kindly send the documents as follows:

Dr T Ntuli
Provincial Head: Free State
Department of Water and Sanitation
Private Bag 528
Bloemfontein

9300
Attention: Director: RCE

For courier the physical address is as follows:
Dr T Ntili
Provincial Head: Free State
Department of Water and Sanitation
2nd Floor
Bloem Plaza Building
Cnr Charlotte Maxeke and East Burger Street
Bloemfontein
9300
Attention: Director: RCE

You may get clarity on all water use authorization and registration matters from Mr Vernon Blair

Tel: +27(0) 51 405 9000
Cell: +27(0) 82 807 3552
E-mail: blairv@dwa.gov.za
Kindly send both hardcopy and disc documents.

If the project happens to fall outside of the Water Management Area of the Free State Provincial Operations office, you will be notified of the contact details for the relevant DWS Office.

Regards
Sibo Mdhuli
Department of Water and Sanitation
Compliance Monitoring and Enforcement
Tel: 051 405 9204
Cell: 082 8794970



From: Grobler Willem (BFN) <GroblerW@dws.gov.za>
Sent: Wednesday, September 28, 2022 8:23 AM
To: Mdhuli Sibho (BFN) <MdhuliS@dws.gov.za>
Cc: Melato Boitumelo (BFN) <MelatoB@dws.gov.za>
Subject: FW: HARMONY MOAB KHOTSONG SOLAR PV - Notification of EIA Process and Availability of BA Report for review and comment

Morning Sibho,

FYI

Regards

Willem

From: Melato Boitumelo (BFN) <MelatoB@dws.gov.za>
Sent: Wednesday, 28 September 2022 08:04
To: Savannah Public Process <publicprocess@savannahsa.com>
Cc: Grobler Willem (BFN) <GroblerW@dws.gov.za>
Subject: RE: HARMONY MOAB KHOTSONG SOLAR PV - Notification of EIA Process and Availability of BA Report for review and comment

Morning,

Your e-mail below is noted. The Moab Khotsong project will be commented on by my colleague as it is in her area.

I propose that you send notification of projects to the Provincial Head (Dr Ntli) at email address-ntilit@dws.gov.za so that they can be co-ordinated from there.

Regards,
Boitumelo Melato
082 556 3497

From: Savannah Public Process <publicprocess@savannahsa.com>
Sent: Tuesday, 27 September 2022 16:03
To: Melato Boitumelo (BFN) <MelatoB@dws.gov.za>
Subject: HARMONY MOAB KHOTSONG SOLAR PV - Notification of EIA Process and Availability of BA Report for review and comment

Dear Boitumelo,

As per our e-mail notification sent yesterday regarding the availability of the BA Report for the Harmony Moab Khotsong Solar PV project, please be informed that arrangements are being made to have the hard copy of the BA Report delivered to your offices.

I will send you a copy of the waybill once received.

Kind regards,



t: +27 (0)11 656 3237
f: +27 (0) 86 684 0547

Nicolene Venter
Public Participation and Social
Consultant
e: publicprocess@savannahsa.com
c: +27 (0)60 978 8396

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This email has been scanned for viruses and malware, and automatically archived by **Mimecast SA (Pty) Ltd**, and is believed to be clean

From: Melato Boitumelo (BFN) <MelatoB@dws.gov.za>

Sent: Wednesday, 21 September 2022 10:58

To: Savannah Public Process <publicprocess@savannahsa.com>

Subject: FW: SE3270: HARMONY ONE PLANT SOLAR PV - Notification of EIA Process and Availability of Scoping Report for review and comment

Good day Nicolene,

Kindly find attached the comments for the scoping reports for Target, One Plant and Joel Solar projects.

Another reminder to send the hardcopies of the **Scoping reports** and the **Basic Assessment Reports** as our registry is only filing hardcopies and not soft copies . The document must be addressed as follows:

Attention: Dr T Ntili
Department of Water and Sanitation
Corner Charlotte Maxeke and East Burger
2nd Floor: Bloem Plaza Building
Bloemfontein

Regards,
Boitumelo Melato
082 556 3497

From: Melato Boitumelo (BFN)

Sent: Thursday, 15 September 2022 15:37

To: 'Savannah Public Process' <publicprocess@savannahsa.com>

Subject: FW: SE3270: HARMONY ONE PLANT SOLAR PV - Notification of EIA Process and Availability of Scoping Report for review and comment

Good day,

Just a reminder to send the hardcopies of the Scoping reports as our registry is only filing hardcopies and not soft copies . The document must be addressed as follows:

Attention: Dr T Ntili
Department of Water and Sanitation
Corner Charlotte Maxeke and East Burger
2nd Floor: Bloem Plaza Building
Bloemfontein

Regards,
Boitumelo Melato
082 556 3497

From: Melato Boitumelo (BFN)

Sent: Thursday, 15 September 2022 15:17

To: Savannah Public Process <publicprocess@savannahsa.com>

Subject: RE: SE3270: HARMONY ONE PLANT SOLAR PV - Notification of EIA Process and Availability of Scoping Report for review and comment

Good day Nicolene,

Thank you for the password. I have managed to download the Scoping reports.

Regards,

From: Savannah Public Process <publicprocess@savannahsa.com>

Sent: Thursday, 15 September 2022 14:46

To: Melato Boitumelo (BFN) <MelatoB@dws.gov.za>

Subject: RE: SE3270: HARMONY ONE PLANT SOLAR PV - Notification of EIA Process and Availability of Scoping Report for review and comment

Dear Boitumelo,

As requested, herewith the Release Code to download the three Scoping Reports from our website: 5Fp3Oi49

Please confirm that you could successfully download the Reports.

Kind regards,



t: +27 (0)11 656 3237
f: +27 (0) 86 684 0547

Nicolene Venter

Public Participation and Social
Consultant

e: publicprocess@savannahsa.com
c: +27 (0)60 978 8396

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From: Melato Boitumelo (BFN) <MelatoB@dws.gov.za>

Sent: Thursday, 15 September 2022 10:58

To: Savannah Public Process <publicprocess@savannahsa.com>

Subject: FW: SE3270: HARMONY ONE PLANT SOLAR PV - Notification of EIA Process and Availability of Scoping Report for review and comment

Morning,

May you kindly send me the documents for the following projects.

- SE3270: HARMONY ONE PLANT SOLAR PV - Notification of EIA Process and Availability of Scoping Report for review and comment
- SE3270: HARMONY TARGET SOLAR PV - Notification of EIA Process and Availability of Scoping Report for review and comment
- SE3270: HARMONY JOEL SOLAR PV - Notification of EIA Process and Availability of Scoping Report for review and comment

Regards,

From: Grobler Willem (BFN) <GroblerW@dws.gov.za>

Sent: Friday, 26 August 2022 10:45

To: Melato Boitumelo (BFN) <MelatoB@dws.gov.za>

Subject: FW: SE3270: HARMONY ONE PLANT SOLAR PV - Notification of EIA Process and Availability of Scoping Report for review and comment

Morning Tumi,

Please find for your information

Regards

From: Musekene Nkhumeleni <MusekeneN2@dws.gov.za>

Sent: Friday, 26 August 2022 10:39

To: Grobler Willem (BFN) <GroblerW@dws.gov.za>

Cc: Maseloane Kereemang <MaseloaneK@dws.gov.za>

Subject: FW: SE3270: HARMONY ONE PLANT SOLAR PV - Notification of EIA Process and Availability of Scoping Report for review and comment

Good day Willem,

Please attend to the attached 3 scoping reports and provide inputs by the **20 September 2022**. The reports are for the following projects:

- SE3270: HARMONY ONE PLANT SOLAR PV - Notification of EIA Process and Availability of Scoping Report for review and comment
- SE3270: HARMONY TARGET SOLAR PV - Notification of EIA Process and Availability of Scoping Report for review and comment
- SE3270: HARMONY JOEL SOLAR PV - Notification of EIA Process and Availability of Scoping Report for review and comment

Regards

Mr Nkhume Musekene

From: Savannah Environmental Public Process <publicprocess@savannahsa.com>

Sent: Wednesday, 24 August 2022 17:48

To: Musekene Nkhumeleni <MusekeneN2@dws.gov.za>

Subject: E3270: HARMONY ONE PLANT SOLAR PV - Notification of EIA Process and Availability of Scoping Report for review and comment

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**HARMONY ONE PLANT SOLAR PV FACILITY, ASSOCIATED INFRASTRUCTURE AND ELECTRICAL GRID INFRASTRUCTURE
LOCATED NEAR WELKOM, FREE STATE PROVINCE
(DESTEA Reference No.: To be Issued)**

Dear Stakeholder and Interested & Affected Party,

Freegold Harmony (Pty) Ltd (a subsidiary of Harmony Gold Mining Company Ltd) is looking to supplement its energy supply by implementing Photovoltaic (PV) generation, aiding their transition to a more sustainable and environmentally friendly energy mix.

The development of a solar photovoltaic (PV) facility with a generating capacity of 30MW is proposed south-west of the Witpan dam, south of the Harmony One Gold Plant operations, approximately ~14km north west of the town of Virginia within the Matjhabeng Local Municipality and within the Lejweleputswa District Municipality, Free State Province. The PV facility is located on the Remaining Extent of the Farm Marmageli 20 and Remaining Extent of the Farm Welkom 80 and is owned by the Mine. The solar PV development will be known as Harmony One Plant Solar PV Facility.

The nature and extent of the solar PV facility is explored in more detail in this Background Information Document (BID). A full Scoping and Environmental Impact Reporting (S&EIR) process is being undertaken in order to obtain Environmental Authorisation (EA) for the development of the PV facility and associated infrastructure. The public participation process provides the public with an opportunity to comment on the project.

Please find attached for your perusal the following documents:

- Background Information Document; and
- Notification of availability of the Scoping Report.

The Scoping Report is available for downloading from our website [click here](#).

Please do not hesitate to contact us should you require any additional information and/or clarification regarding these projects.

Our team welcomes your participation and look forward to your involvement throughout the Environmental Impact Assessment Process.

Kind regards,

[Unsubscribe this type of email](#)

savannah
environmental

t: 011 656 3237
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Nicolene Venter
Public Process

e: publicprocess@savannahsa.com
c: +27 (0) 60 978 8396

SAWEA Award for Leading Environmental Consultant on Wind Projects in 2013 & 2015



water & sanitation

Department:
Water and Sanitation
REPUBLIC OF SOUTH AFRICA

Enquiries: G. Nel
Telephone: 051 405 9000
Reference: 16/2/7/C241/D002/4

Savannah Environmental
PO Box 148
SUNNING HILL
2157

Attention: Nicolene Venter

BASIC ASSESSMENT REPORT FOR THE HARMONY MOAB KHOTSONG SOLAR PV FACILITY, VIERFONTEIN , FREE STATE PROVINCE

The consultation letter and a copy of the Basic Assessment Report is here by referred to:

The Department of Water and Sanitation has no objection towards the proposed project on condition that the following is adhered to:

- The applicant must ensure the storm water run-off has to be directed away from the site to ensure the separation of clean and dirty water.
- No activities may take place, without the necessary authorisation from this Department, within a horizontal distance of 100 m from any watercourse or estuary or within a 500 m radius from a delineated boundary of any a wetland or pan.
- The Plant should be sited, designed and managed so that the quality of surface and groundwater in the vicinity are not degraded by runoff, leaching or seepage from the site or waste utilization areas.
- Zero discharge of contaminated surface water.
- Monitoring must take place on a continuous basis to ensure the above.
- The storage of material, chemicals, fuels, etc. must not pose a risk to the surrounding environment and this includes surface and groundwater resources. Temporary bunds must also be constructed around chemical or fuel storage areas to contain possible spillages. Such storage areas must be located outside the 1:100 year floodline of a river and must be fenced to prevent unauthorised access into the area. The maintenance of vehicles and equipment used for any purpose during the prospecting activity will take place only in the maintenance yard area.
- The applicant must comply with all the conditions of the National Water Act (Act 36 of 1998)(NWA).
- Registration of water uses under Section 21 of the NWA is compulsory
- The proposed operation must not contravene Government Notice 704 (4 June 1999, Vol. 408, No. 20119) regarding the '*Regulations on use of water for*

mining and related activities aimed at the protection of water resources', in terms of the NWA.

In terms of Section 22 of the NWA a person may only use water without a license:

- If that water use is permissible under Schedule 1.
- If that water use is permissible as a continuation of an existing lawful use.
- If that water use is permissible in terms of a General Authorisation issued under Section 39 of the NWA.

In terms of Section 4(1) of the NWA a person may use water from a water resource for purposes such as reasonable domestic use, domestic gardening, animal watering, firefighting and recreational use, as set out in Schedule 1.

To apply for authorisation and registration of water uses the responsible official can be contacted at the following address:

Deputy Director: Water Use

Attention: Mr. V Blair

Private Bag 528,

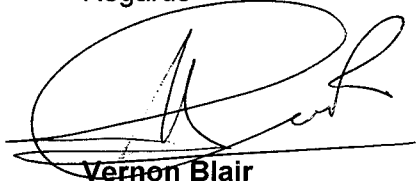
Bloemfontein,

9300

Telephone: 051 405 9000

For any clarity, please do not hesitate to contact this Department

Regards



Vernon Blair

Deputy Director: Water Use

DATE: 04/10/2022



destea

department of
economic, small business development,
tourism and environmental affairs
FREE STATE PROVINCE

Ref Nr:

EMB/11(i),12(ii)(a)(c),14,19,28(i)(ii),1,15,4(b)(i)(gg),10(b)(i)(gg)(hh),12(b)(i),14(ii)(a)(c)(b)(i)(hh)/22/39

NEAS Ref Nr: FSP/EIA/0000481/2022

Enquiries: Dimakatso Mokoena

113 ST Andrews Street, Bloemfontein, 9300

Tel no: 051 400 4831

Email: mokoena@destea.gov.za

Ms. Ansone' Esterhuizen

Savannah Environmental (Pty) Ltd

PO Box 148,

Sunninghill,

2191

Telephone no: 011 656 3237/076 714 1234

Email address: ansone@savannahsa.com

Dear Ms. Esterhuizen,

RE: ENVIRONMENTAL AUTHORISATION APPLICATION FOR THE PROPOSED DEVELOPMENT OF 100MW HARMONY MOAB KHOTSONG SOLAR PV FACILITY NEAR VIERFONTEIN IN MOQHAKA LOCAL MUNICIPALITY.

The Department of Economic, Small Business Development, Tourism and Environmental Affairs (DESTEA) - "The Department" has reviewed draft Basic Assessment Report (BAR) for the above-mentioned project.

The Department has no comments at the moment, therefore you may proceed compiling the final Basic Assessment Report. The final BAR should be submitted with 1 hard copy and a soft copy.

Please note that applied activity may not commence prior to an Environmental Authorisation been granted by this Department.

Regards,

Ms. D. Mokoena

Environmental Officer Production Grade A: Environmental Impact Management

Date: 25/10/2022

Sub-Directorate: Environmental Impact Management
Private Bag X 20801 Tel +27 (0)51 400 4812
Bloemfontein E-mail: mkhosana@detea.fs.gov.za
9300

Our Ref:



an agency of the
Department of Arts and Culture

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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: 19413

Date: Monday November 07, 2022
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Final Comment

In terms of Section 38(8), 38(4) of the National Heritage Resources Act (Act 25 of 1999)

Attention: Savannah Environmental (Pty) Ltd

PO Box 148
Sunninghill
2157

The development of a renewable energy facility, overhead powerline and associated infrastructure is proposed by HARMONY MOAB KHOTSONG OPERATIONS PTY (LTD). The project entails the development of three (3) separate solar PV facilities with a combined contracted capacity of up to 100MW over 280 ha of land and will be known as Harmony Moab Khotsong Solar PV Facility, each facility will include a grid connection and other associated infrastructure. The Solar PV facilities are based near Harmony Moab mining operations and fall within the Klerksdorp Renewable Energy Development Zone (REDZ) located ~10km North of the town of Vierfontein within the Moqhaka Local Municipality respectively, and within the Fezile Dabi District Municipality, Free State Province.

Harmony Moab Khotsong Operations (Pty) Ltd appointed Savannah Environmental to undertake the Environmental Authorisation (EA) Application for the proposed development of the Harmony Moab Khotsong Solar PV Facility, on various properties owned by the mined, Vierfontein, Free State Province.

The Basic Assessment Report has been submitted in terms of the National Environmental Management Act (NEMA Act 107) and the NEMA 2014 EIA regulations. The development footprint is about 900ha and the PV facility will have a generation capacity of up to 100MW. The associated infrastructure for the development includes a grid connection and other associated infrastructure. The development area is located in the Klerksdorp Renewable Energy Development Zone (REDZ).

CTS Heritage and Prof Marion Bamford were appointed to provide heritage specialist input into the EA process as per section 24(4)b(iii) of NEMA and section 38(8) of the National Heritage Resources Act, Act 25 of 1999 (NHRA) that complies with section 38(3) of the NHRA.

Lavin, J. 2022. Heritage Screener: Proposed development of the Moab PV Facility

Heritage material of low significance were identified in the in the nearby PV facility. It is likely that burials may

Proposed development of the 100MW Harmony Moab Khotsong Solar PV Facility, Vierfontein, Free State Province

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be located on the proposed solar PV areas as well as Stone Age material similar to the artefacts recorded, therefore an archaeological field survey is recommended. The development area is underlain by Vryheid Formation and Malmani Subgroup. The potential impact to fossil heritage resources is considered to be low since the site could be capped by Quaternary deposits and it is recommended that a Fossil Chance Find Protocol be implemented. It is recommended that a Heritage Impact Assessment which assesses likely impacts to archaeological and palaeontological heritage is undertaken by a heritage specialist.

Lavin, J. 2022. Heritage Impact Assessment: Proposed development of the Development of 100MW Harmony Moab Khotsong Solar PV Facility, Vierfontein, Free State Province

Three sites were identified which includes a site of isolated artefacts (CM1) of grade IIIC significance, a chert outcrop with evidence of hominin exploitation (CM2) along with a site of isolated chert artefacts (CM3) that are of low heritage significance were identified during the survey and no impacts to significant archaeological heritage resources is anticipated.

Recommendations

The 30m buffer area recommended around site CM1 is implemented.

The attached Chance Fossil Finds Procedure is implemented for the duration of construction activities. Should any buried archaeological resources or human remains or burials be uncovered during the course of development activities, work must cease in the vicinity of these finds. The South African Heritage Resources Agency (SAHRA) must be contacted immediately in order to determine an appropriate way forward.

Bamford, M. 2022. Desktop Study: Palaeontological Impact Assessment for the proposed development of the Harmony Moab PV Facility, southeast of Orkney, Free State Province

The development site lies on the potentially fossiliferous Malmani Subgroup that could have stromatolites below the land surface. The southernmost part is on moderately fossiliferous Quaternary deposits that overlies the Vryheid Formation. The area has been disturbed by farming and mining activities and no potential rocky outcrops of dolomite or of traps for Quaternary fossils are visible from the satellite imagery. A Fossil Chance Find Protocol has been attached and must be implemented during development.

Final Comment

The following comments are made as a requirement in terms of section 38(8) of the NHRA in the format provided in section 38(4) of the NHRA and must be included in the Final BAR and EMPR:

Proposed development of the 100MW Harmony Moab Khotsong Solar PV Facility, Vierfontein, Free State Province

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- 38(4)a – The SAHRA Archaeology, Palaeontology and Meteorites (APM) Unit has no objections to the proposed development;
- 38(4)b – The recommendations of the specialists are supported and must be adhered to. No further additional specific conditions are provided for the development;
- 38(4)c(i) – If any evidence of archaeological sites or remains (e.g. remnants of stone-made structures, indigenous ceramics, bones, stone artefacts, ostrich eggshell fragments, charcoal and ash concentrations), fossils or other categories of heritage resources are found during the proposed development, SAHRA APM Unit (Sityhilelo Ngcatsha/Phillip Hine 021 462 5402) must be alerted as per section 35(3) of the NHRA. Non-compliance with section of the NHRA is an offense in terms of section 51(1)e of the NHRA and item 5 of the Schedule;
- 38(4)c(ii) – If unmarked human burials are uncovered, the SAHRA Burial Grounds and Graves (BGG) Unit (Thingahangwi Tshivhase/Ngqabutho Madida 012 320 8490), must be alerted immediately as per section 36(6) of the NHRA. Non-compliance with section of the NHRA is an offense in terms of section 51(1)e of the NHRA and item 5 of the Schedule;
- 38(4)d – See section 51(1) of the NHRA regarding offences;
- 38(4)e – The following conditions apply with regards to the appointment of specialists:
 - i) If heritage resources are uncovered during the course of the development, a professional archaeologist or palaeontologist, depending on the nature of the finds, must be contracted as soon as possible to inspect the heritage resource. If the newly discovered heritage resources prove to be of archaeological or palaeontological significance, a Phase 2 rescue operation may be required subject to permits issued by SAHRA;
 - The Final BAR must be submitted to the SAHRIS application for record purposes;
 - The decision regarding the EA application must be submitted to the SAHRIS application for record purposes.

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

Yours faithfully

**Proposed development of the 100MW Harmony Moab Khotsong Solar PV
Facility, Vierfontein, Free State Province**

Our Ref:



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CaseID: 19413

Date: Monday November 07, 2022
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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/604279>