



environmental affairs

Department:
Environmental Affairs
REPUBLIC OF SOUTH AFRICA

DEPARTMENT OF ENVIRONMENTAL AFFAIRS

Application form for the regularisation of unlawful commencement or continuation of a listed activity or waste management activity in terms of section 24G of the National Environmental Management Act, 1998 (Act No. 107 of 1998), as amended.

2015

Kindly note that:

1. This application form must be completed for all applications in terms of S24G of the National Environmental Management Act, 1998 (Act No. 107 of 1998), as amended.
2. It is the responsibility of the Applicant / Environmental Assessment Practitioner (EAP) to ascertain whether subsequent versions of the application form have been published or produced by the relevant competent authority.
3. This application form is structured as follows:

PART 1

- Section A: Application Information
- Section B: Activity Information
- Section C: Description of Receiving Environment
- Section D: Preliminary Impact Assessment
- Section E: Landfill Parameters
- Section F: Proposed Public Participation Process
- Section G: Alternatives
- Section H: Appendices

PART 2

- Section A: Directive
- Section B: Deferral
- Section C: Quantum of the fine

PART 3

- Section A: Declarations
 - Annexures
-

4. An independent EAP must be appointed to complete Part 1 as well as Part 2 Section C Part I of the application form on behalf of the applicant. The applicant must complete the remainder of Part 2 (i.e. excluding Section C part I. Both the EAP and Applicant must sign Part 3.
5. The declaration of independence must be completed by the independent EAP and submitted with the application.
6. The required information must be typed within the spaces provided. The sizes of the spaces provided are not necessarily indicative of the amount of information to be provided. The space provided extends as each space is filled with typing. A legible font type and size must be used when completing the form. The font size should not be smaller than 10pt (e.g. Arial 10).
7. The use of "*not applicable*" in the application form must be done with circumspection.
8. No faxed or e-mailed applications will be accepted. This application form must be submitted by hand or mailed to the relevant competent authority.
9. Unless protected by law, all information contained in and attached to this application form may become public information on receipt by the competent authority. Upon request, any interested and affected party must be provided with the information contained in and attached to this application form.
10. This application form constitutes the initiation of the S24G application process.

Kindly note further that:

11. Section 24G of the NEMA, without affecting any criminal liability of a person who has acted in contravention of the above, makes provision for that person to submit an application to the relevant MEC/Minister, which, if successful, will enable that person lawfully to continue with the listed activity and/or legalise an otherwise unlawful structure.
12. Before the Minister/MEC may take a decision in respect of the application, the applicant is required to pay an appropriate administrative fine, determined by the competent authority, which fine may not exceed five million Rand (R 5 000 000.00) per listed activity unlawfully commenced or per application where the activities are interrelated.
13. It is the responsibility of the applicant to familiarise himself/herself/itself with all the possible consequences associated with the submission of this application including, but not limited to, the following:
 - This application (including a positive decision in respect hereof) in no way affects any criminal liability that the applicant may have incurred in respect of the activities which were commenced, undertaken and/or conducted unlawfully as listed in paragraph 1 above, and in respect of which this application relates.
 - The processing of this application may be deferred pending the outcome of criminal proceedings, should criminal proceedings be instituted against the applicant in respect of the abovementioned activities; or where criminal proceedings are pending against the applicant in respect of a similar contravention of section 24F of NEMA or section 20(b) of NEM:WA.
 - Before the competent authority may take a decision on the application, an administrative fine determined by the competent authority must be paid, in full, by the applicant.

- That neither the submission of this application, nor the payment of the administrative fine implies that authorisation will be issued for the continuation of an activity/activities that commenced, undertaken and/or conducted unlawfully. This decision will depend on the merits of the application itself.

14. Activities which result in detrimental impacts to the environment are considered in a serious light by the competent authority and accordingly applicants must understand that by lodging an application for the continuation of an activity/ activities that commenced/ was undertaken or conducted unlawfully does not necessarily imply that the activity will be authorised. In terms of the NEMA the Minister/MEC may either refuse to issue an environmental authorisation/waste management licence; conditionally authorise the activity or direct you, the applicant, to provide further information or take further steps prior to making a decision.

DEPARTMENTAL DETAILS

Department of Forestry, Fisheries, and the Environmental
The Chief Director: Integrated Environmental Authorisations: National Infrastructure Projects
473 Steve Biko,
Arcadia, Pretoria,
0083
South Africa

PART 1

SECTION A: APPLICATION INFORMATION

1. APPLICANT PROFILE INDEX

Cross out the appropriate box "☒".

1.1	The applicant is an individual	YES	NO
1.2	The applicant is a company	YES	NO
1.3	The applicant is a state-owned enterprise or municipality	YES	NO
1.4	Other (specify)	YES	NO
1.5	There is more than one individual / company responsible for the unlawful commencement of listed activities / listed waste management activities.	YES	NO

Name of Project applicant:	Transnet SOC Limited												
RSA Identity number:	9	2	1	2	1	9	0	2	8	7	0	8	8
Contact person:	Karabo Sefike												
Position in company	Environmental Specialist												
Registered Name of Company/ Closed Corporation	Transnet SOC Limited												
Trading name (if any):	Transnet SOC Limited												
Registration number	1990/000900/30												
Postal address:	P.O. Box 1545												
	Bellville					Postal code:	7535						
Telephone:	[REDACTED]					Cell:	[REDACTED]						
E-mail:	[REDACTED]					Fax:	N/A						

Please Note: In instances where there is more than one individual / company responsible for the unlawful commencement of listed activities / waste management activities, please attach a list of with all contact details to the back of this page.

Environmental Assessment Practitioner (EAP):	Nsovo Environmental Consulting												
Contact person:	Munyadziwa Rikhotso												
Postal address:	40 Lyncon Road												
	Carlswald					Postal code:	1684						
Telephone:	(087) 803 9294					Cell:	(071) 602 2369						
E-mail:	munyadzi@nsovo.co.za					Fax:	(086) 602 8821						
EAP Qualifications	B.Sc. Honours Degree in Geography and Environmental Management												
EAP Registrations/Associations	South African Council for Natural Scientific Professions (SACNASP) EAPASA (Pending)												

Name of Landowner(s):	Mr. Johan Mouton												
Contact person(s):	Mr. Johan Mouton												
Postal address:	[REDACTED]												
	[REDACTED]					Postal code:	[REDACTED]						
Telephone:	Not Available					Cell:	Not Available						
E-mail:	Not Available					Fax:	Not Available						

Please Note: In instances where there is more than one landowner, please attach a list of landowners with their contact

details to the back of this page.

Municipality in whose area of jurisdiction the activity falls:	Hantam Local Municipality		
Contact person:	Mr. C. Duplessis		
Postal address:	Private Bag X14		
	Calvinia	Postal code:	1890
Telephone	(027) 341 8500/1	Cell:	N/A
E-mail:	municipalmanager@hantam.gov.za	Fax:	(027) 341 8501

Please Note: In instances where there is more than one Municipality involved, please attach a list of Municipalities with their contact details to the back of this page.

Project title:	Application for Section 24G Rectification for the unlawful construction and operation of the temporary 4.5km 50kV bypass powerline between Eskom Helios Main Transmission Substation (MTS) and Transnet Helios Traction Feeder Substation (TFS) within the jurisdiction of Hantam Local Municipality in the Northern Cape Province.					
Property location:	Sous Farm (52 km from Loeriesfontein town)					
Farm/Erf name & number (incl. portion):	Farm Sous 226, Portion Number 3					
SG21 Digit code:	C0150000000022600003					
Co-ordinates:	Latitude (S):			Longitude (E):		
	30°	29'	49.02"	19°	33'	39.79"
Farm/Erf name & number (incl. portion):	Farm Sous 226, Portion Number 1					
SG21 Digit code:	C0150000000022600001					
Co-ordinates:	Latitude (S)			Longitude (E):		
	30°	28'	54.45"	19°	33'	35.46"
Farm/Erf name & number (incl. portion):	Farm Sous 226, Portion Number 2					
SG21 Digit code:	C0150000000022600002					
Co-ordinates:	Latitude (S)			Longitude (E)		
	30°	27'	37.79"	19°	34'	39.09"

Please Note:
Where a large number of properties are involved (e.g. linear activities), attach a list of property descriptions to the back of this page. Indicate the position of the activity using the latitude and longitude of the centre point of the site for each alternative site. The co-ordinates must be in degrees, minutes and seconds. The minutes must be given to at least three decimals to ensure adequate accuracy. The EAP is required to contact the relevant competent authority with regards to the projection that must be used.

Street address:	Helios loop 8 Road, Farm Sous 226.
Magisterial District or Town:	Loeriesfontein Town

Please Note: In instances where there is more than one town or district involved, please attach a list of towns or districts as well as complete physical address information for the entire area to the back of this page.

Closest City/Town:	Loeriesfontein Town	Distance	52 km
Zoning of Property:	Agricultural		

Please Note: In instances where there is more than one zoning, please attach a map clearly indicating the zoning of the different portions.

Was a rezoning application required?	YES	NO
Was a consent use application required?	YES	NO

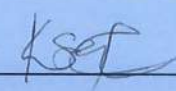
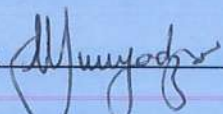
Please Note: Where planning approvals have been granted please attach the relevant approvals.

Owners consent:	A lease agreement between the landowner and applicant is not available. Letters of consent from all landowners or a detailed explanation by the applicant explaining why such letters of consent are not furnished must be attached to the application form.
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2. APPLICATION HISTORY

(Cross out the appropriate box "X" and provide a description where required).

Has any national, provincial or local authority considered any development / waste management applications on the property previously?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
If so, please give a brief description of the type and/or nature of the application/s: (In instances where there were more than one application, please attach a list of these applications)		
<p>A Basic Assessment application for the proposed construction of the 15km 50kV powerline from the existing Eskom Helios MTS to the proposed new Transnet Helios TFS was submitted by Eskom SOC Limited (Eskom) as the proponent in 2014. An Environmental Authorisation (EA) with DEA reference number: 14/12/16/3/3/1/1247 was granted by the Department of Environmental Affairs (DEA) currently known as the Department of Forestry, Fisheries and the Environment (DFFE) on the 02nd of April 2015.</p> <p>The EA was transferred from Eskom to Transnet SOC Limited (Transnet) and subsequently the DFFE issued an amendment with DEA Ref No.: 14/12/16/3/3/1/1247/AM1 on the 04th of April 2017.</p> <p>Following construction commencement, Transnet experienced challenges with one of the landowners during negotiations and had to construct a 4.5 km 50 kV bypass powerline to avoid the subject property. Subsequently, Transnet commenced with the construction and operation of the bypass within the approved servitude; however, the construction was not authorised by the DFFE, and hence the Section 24G application.</p>		
Which authority considered the application(s):		
Department of Forestry, Fisheries, and Environment		
Has any one of the previous application/s on the property been approved or rejected? If so provide a list of the successful and unsuccessful application/s and the reasons for decision/s.	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
<ol style="list-style-type: none"> 1. Application for the proposed 15 km 50 kV powerline project was approved with DEA Reference: 14/12/16/3/3/1/1247. 2. The application for amendment of the project proponent was granted with DEA Reference: 14/12/16/3/3/1/1247/AM1. 		
Provide detail on the period of validity of decision(s) and expiry dates of the above applications / licences etc.		
Not applicable		

I hereby apply in terms of Section 24G of the National Environmental Management Act (Act no 107 of 1998 as amended) for the regularisation of the unlawful commencement or continuation of the listed activity(ies) in Section B of the application form:	
Applicant (Full names): <u>Karabo Sefike</u>	Signature: <u></u>
Place: <u>Transnet Bellville Offices</u>	Date: <u>31 March 2022</u>
EAP (Full names): <u>Munyadziwa Rikhotso</u>	Signature: <u></u>
Place: <u>Nsovo Midrand Offices</u>	Date: <u>31 March 2022</u>

SECTION B: ACTIVITY INFORMATION

1. ACTIVITIES APPLIED FOR:

Separate applications are required for one site where more than one listed activity has commenced and where these unlawfully commenced activities constitute offences in terms of different EIA regulations and / or the listed waste management activities.

Applicants and EAPS are strongly advised to discuss the merits of a combined application (*if deemed applicable*) with the relevant competent authority prior to the completion of this application form and submission thereof.

The relevant competent authority will use its discretion in deciding to allow the submission of a single application for more than one NEMA section 24F (1) and / or NEM:WA section 20(b) contravention on one site.

All potential listed activities / waste management activities associated with the site must be indicated below. Only those activities for which the applicant applies will be considered.

The onus is on the applicant to ensure that all the applicable listed activities are included in the application.

Listed activities applied for. Identify the relevant listed activities applied for below:

ECA EIA Contraventions : Between 08 September 1997 end of day 09 May 2002	
Activities unlawfully commenced with on or after 08 September 1997 and before end 09 May 2002: EIA Regulations promulgated in terms of the ECA, Act No 73 of 1989, as amended	
Listed Activity(ies)	Details of Activity(ies)
None	None

ECA EIA Contraventions : Between 10 May 2002 and before end of day 02 July 2006	
Activities unlawfully commenced with on or after 10 May 2002 and before end 02 July 2006: EIA Regulations promulgated in terms of the ECA, Act No 73 of 1989, as amended	
Listed Activity(ies)	Details of Activity(ies)
None	None

NEMA EIA Contraventions : Between 03 July 2006 and before end of day 01 August 2010	
Activities unlawfully commenced with in terms of the EIA Regulations promulgated in terms of the NEMA, Act No 107 of 1998, as amended on or after 03 July 2006 and before end of day 01 August 2010	
Government Notice No. R386 Activity No(s):	Details of Activity(ies) requiring Basic Assessment
None	None
Government Notice No. R387 Activity No(s):	Details of Activity(ies) requiring a Scoping Report and EIA
None	None

NEMA EIA Contraventions : On or after 02 August 2010 until 7 December 2014

Activities unlawfully commenced with in terms of the EIA Regulations promulgated in terms of the NEMA, Act No 107 of 1998, as amended on or after 02 August 2010 until 7 December 2014

Government Notice No. R544 Activity No(s):	Details of Activity(ies) requiring Basic Assessment
None	None
Government Notice No. R545 Activity No(s):	Details of Activity(ies) requiring a Scoping Report and EIA
None	None
Government Notice No. R546 Activity No(s):	Details of Activity(ies) requiring S&EIR
None	None

NEMA EIA Contraventions : On or after 8 December 2014

Activities unlawfully commenced with in terms of the EIA Regulations promulgated in terms of the NEMA, Act No 107 of 1998, as amended on or after 8 December 2014

Government Notice No. R983 Appendix 1 Activity No(s):	Details of Activity(ies) requiring Basic Assessment
Activity 11: <i>The development of facilities or infrastructure for the transmission and distribution of electricity –</i> <i>(i) outside urban areas or industrial complexes with a capacity of more than 33 but less than 275 kilovolts; or</i> <i>excluding the development of bypass infrastructure for the transmission and distribution of electricity where such bypass infrastructure is –</i> <i>(b) 2 kilometres or shorter in length.</i>	The development of a 4.5km 50kV temporary bypass on an approved corridor. The bypass would be decommissioned 18 months following the commissioning of the approved 15km 50kV powerline.
Government Notice No. R984 Appendix 2 Activity No(s):	Details of Activity(ies) requiring a Scoping Report
None	None
Government Notice No. R985 Appendix 3 Activity No(s):	Details of Activity(ies) requiring Environmental Impact Assessment Report
Activity 12 <i>The clearance of an area of 300 square metres or more of indigenous vegetation except where such clearance of indigenous vegetation is required for maintenance Purposes undertaken in accordance with a maintenance management plan.</i> <i>g. Northern Cape</i>	The bypass project has cleared approximately 300m ² of indigenous vegetation within a Critical Biodiversity Area (CBA) without authorization.

<p>i. Within any critically endangered or endangered ecosystem listed in terms of section 52 of the NEMBA or prior to the publication of such a list, within an area that has been identified as critically endangered in the National Spatial Biodiversity Assessment 2004.</p> <p>ii. Within critical biodiversity areas identified in bioregional plans;</p>	
<p>Activity 14</p> <p>The development of—</p> <p>(xii) infrastructure or structures with a physical footprint of 10 square metres or more; where such development occurs—</p> <p>(a) within a watercourse;</p> <p>g. Northern Cape</p> <p>ii. Outside urban areas:</p> <p>(dd) Sensitive areas as identified in an environmental management framework as contemplated in chapter 5 of the Act and as adopted by the competent authority;</p> <p>(ff) Critical biodiversity areas or ecosystem service areas as identified in systematic biodiversity plans adopted by the competent authority or in bioregional plans;</p>	<p>The bypass traverses water resources, while some towers are within alluvial watercourses that were assessed in 2014.</p>

Waste Management Activities Contraventions: On or after 3 July 2007 up to end of day 28 November 2013	
Activities unlawfully commenced with in terms of GNR 718 of 3 July 2009 published under the National Environmental Management Waste Act 59 of 2008	
Listed Activity(ies)	Details of Activity(ies)
None	None

Waste Management Activities Contraventions : On or after 29 November 2013	
Activities unlawfully commenced with in terms of GNR 921 of 29 November 2013 published under the National Environmental Management Waste Act 59 of 2008	
Listed Activity(ies)	Details of Activity(ies)
None	None

2. ACTIVITY DESCRIPTION

(Cross out the appropriate box " " and provide a description where required).

(a) Is/was the project a new development or an upgrade of an existing development.	<input checked="" type="checkbox"/> New	<input type="checkbox"/> Upgrade
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(b) Clearly describe the activity and associated infrastructure commenced with, indicating what has been completed, what still has to be completed and applicable commencement dates.
A Basic Assessment application for the proposed construction of the 15 km 50 kV powerline from the existing Eskom Helios MTS to the proposed new Transnet Helios TFS was granted with DEA reference number: 14/12/16/3/3/1/1247 by DFFE on the 2 nd of April 2015. The EA was transferred from Eskom to Transnet and subsequently, the DFFE issued an amendment

with DEA Ref No.: 14/12/16/3/3/1/1247/AM1 on the 04th of April 2017.

Transnet commenced with construction activities on the approved 15km 50kV powerline in August 2020. Unfortunately, Transnet experienced challenges during negotiations with the landowner to construct a portion of approximately 4.5 km of the approved new 15 km powerline on Farm Sous 226. Alternatively, the landowner agreed for a portion of the new powerline to be constructed on the exact route of the existing 15km 50kV powerline. Consequently, Transnet constructed the bypass powerline as follows:

- The temporary 4.5 km bypass line was constructed along the eastern border of the existing Eskom servitude from the Helios MTS to the boundary between the Rona Rupert Trust and the Lintvelt Trust. The bypass powerline was required to continue the movement of trains during the construction of the new 15 km 50 kV powerline. Further, the temporary bypass was constructed using concrete masts like the masts being used by Transnet along the OREX rail line. In addition, the concrete masts were positioned at ±80m intervals.
- After completing and commissioning of the temporary bypass line, the existing Eskom 15km 50kV Over Head Line (OHL) will be removed from the Helios MTS to the boundary of the Rona Rupert Trust and Lintvelt Trust near towers HEL/8TRA21 and HEL/8TRA22.
- With the existing Eskom OHL complete and lattice towers removed, the new Eskom OHL will be constructed along the centerline of the existing Eskom servitude.
- Once the new Eskom OHL has been completed and successfully commissioned, the temporary bypass line will be removed and affected areas re-instated as directed.
- The new Transnet TFS will then be fed from the Helios MTS via the New Eskom OHL.

The bypass powerline was constructed from the 01st of November 2020; and energised on the 26th of November 2021.

The construction of the bypass powerline was undertaken in the existing Eskom servitudes within the 200m corridors that was studied and approved by DFFE in 2015.

(c) Provide details of all components of the activity and attach diagrams (e.g. architectural drawings or perspectives, engineering drawings, process flow charts etc.).		
Buildings	YES	NO
Provide brief description:		
N/A		
Infrastructure (e.g. roads, power and water supply/ storage)	YES	NO
Provide brief description:		
A temporary 4.5 km 50 kV overhead bypass powerline. (Refer to Appendix B for the site layout plan)		
Processing activities (e.g. manufacturing, storage, distribution)	YES	NO
Provide brief description:		
Transnet Freight Rail (TFR) is responsible for developing locomotive infrastructure and operating locomotives for the distribution of various goods through their freight rail network. The Transnet Sishen-Saldanha line is one of the major export routes used the distribution of coal. Hence, TFR has commenced with the replacement of old electrical and diesel locomotives with new energy-efficient 15E Electrical Locomotives on the Sishen-Saldanha line. Further, Transnet has constructed the temporary 4.5 km bypass powerline to enable the continuous distribution of electricity on the existing 50 kV powerline and allow for the continuation of train movement during the construction of the new 15 km 50 kV powerline. The temporary bypass powerline will be decommissioned post the commissioning of the new powerline.		
Refer to Appendix B for the 4.5 km bypass design drawings.		
Storage facilities for raw materials and products (e.g. volume and substances to be stored)		
Provide brief description	YES	NO
N/A		
Storage and treatment facilities for solid waste and effluent generated by the project	YES	NO

Provide brief description	
N/A	
Other activities (e.g. water abstraction activities, crop planting activities)	YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>
Provide brief description	
N/A	

3. ACTIVITY NEED AND DESIRABILITY

Describe the need and desirability of the activity:
<p>The Sishen-Saldanha line is Transnet Freight Rail's export iron ore corridor that forms the backbone of the company's growth strategy. As part of the Transnet Orex expansion, TFR plans to replace the 9E Electrical Locomotives and Diesel Locomotives with the new energy-efficient 15E Electrical Locomotives. To enable TFR to expand their operations without overloading and interruption of supply, a Basic Assessment (BA) process was undertaken in 2014, and the scope of work entailed the construction of approximately 15 km 50 kV from the existing Eskom Helios MTS to the proposed new Transnet TFS and associated infrastructure. The project was authorised by the DEA, currently known as the DFFE on the 2nd of April 2015 with the reference number 14/12/16/3/3/1/1247.</p> <p>Unfortunately, Transnet experienced challenges during negotiations with the landowner authorisation was not granted by the landowner to construct a portion of approximately 4.5 km of the approved new 15 km powerline on Farm Sous 226. Alternatively, the landowner agreed for a portion of the new powerline to be constructed on the exact route of the existing 15 km 50 kV powerline. Consequently, Transnet constructed the 4.5 km 50 kV bypass powerline.</p> <p>The temporary 4.5 km bypass powerline enables the continuous distribution of electricity on the existing 15 km 50 kV powerline to continue of train movement during the construction of the new 15 km 50 kV powerline.</p>
Indicate the benefits that the activity has/had for society in general and also indicate what benefits the activity has/had for the local communities where it is located:
<p>The benefits of the project did not significantly change because of the bypass deviation; however, the construction of the bypass resulted in positive socio-economic impacts as the demand for equipment, building material, and labour increased. Secondary service provision such as food supply, toilet hire, equipment maintenance, and many more items also stimulated the local economy, especially during construction. This project will cumulatively be beneficial to the South African economy as the supply of reliable and energy-efficient electricity will result in uninterrupted distribution of iron ore or export. The growth in the industry could potentially yield additional jobs for the community members. The overarching impact will be positive economic spinoffs, which benefit the community, region, and country.</p> <p>The project will directly benefit Transnet Freight Rail as it will allow them to undertake their proposed upgrades (construction of the new 15 km 50 kV powerline) and operate efficiently.</p>

4. PHYSICAL SIZE OF THE ACTIVITY

Indicate the physical spatial size of the activity as well as associated infrastructure (footprints):	4 500	m
Indicate the area that has been transformed / cleared to allow for the activity as well as associated infrastructure	300	m
Total area (sum of the footprint area and transformed area)	4 800	m

5. SITE ACCESS

Was there an existing access road?	YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>
If no, what was the distance over which the new access road was built?	N/A
Describe the type of access road constructed: [indicate the position of the access road on the site plan]	
The site is accessed via the already existing Sishen-Saldanha railway line service gravel road. The position of the road is	

depicted on the site plan attached as Appendix B.

6. SITE PHOTOGRAPHS

Colour photographs of the site and its surroundings (taken of the site and from the site), both before (if available) and after the activity commenced, with a description of each photograph must be attached to this application. The vantage points from which the photographs were taken must be indicated on the site plan, or locality plan as applicable. If available, please also provide past and recent aerial photographs. It should be supplemented with additional photographs of relevant features on the site. Date of photographs must be included. Photographs must be attached under Appendix D to this form.

7. APPLICABLE LEGISLATION, POLICIES AND/OR GUIDELINES

Please list all legislation, policies and/or guidelines that were or are relevant to this activity.

LEGISLATION	ADMINISTERING AUTHORITY	TYPE Permit/ license/ authorization/comment	DATE (if already obtained):
National Environmental Management: Act 1998, (Act No. 107 of 1998). Environmental Impact Assessment Regulations, December 2014 (as amended in April 2017)	DFFE	Environmental Authorization with DEA Reference: 14/12/16/3/3/1/1247 for the construction of the 15km 50kV Powerline from Eskom Helios MTS to the New Transnet TFS	02 April 2015
National Water Act, 1998 (Act No.36 of 1998)	Department of Water and Sanitation (DWS)	Water Use License (WUL) DWS Reference: 27/2/2/D653/102/5	19 February 2016
National Environmental Management: Act 1998, (Act No. 107 of 1998). Environmental Impact Assessment Regulations, December 2014 (as amended in April 2017)	DFFE	Section 24G Environmental Authorization for the unlawful construction and operation of the 4.5 km 50 kV bypass powerline.	Not obtained (This application)

POLICY/ GUIDELINES	ADMINISTERING AUTHORITY
DEA Integrated Environmental Management Guideline Series, Guideline 4: Public Participation in support of the Environmental Impact Assessment Regulations, 200	DFFE
Guideline Document, EIA Regulations, Implementation of Sections 21, 22 and 26 of the Environment Conservation Act, 1998	DFFE
DEA Integrated Environmental Management Guideline Series,	DFFE

Guideline 3: General Guide to the Environmental Impact Assessment Regulations, 2008	
DEA Integrated Environmental Management Guideline Series, Guideline 5: Assessment of Alternatives and Impacts in support of the Environmental Impact Assessment Regulations, 2006	DFFE
National Water Act (No. 37 of 1998)	DWS

8. WASTE QUANTITIES (WHERE THE ACTIVITY IS A LISTED WASTE MANAGEMENT ACTIVITY)

Indicate or specify types of waste and list the estimated quantities (expected to be managed daily (should you need more columns, you are advised to add more))

Hazardous waste	Non-hazardous waste	Total waste handled (tonnes per day)
N/A	N/A	N/A

Source of information supplied in the table above Mark with an 'X'

Determined from volumes

Determined with weighbridge/scale

Estimated

N/A
N/A
N/A

Recovery, Reuse, Recycling, treatment and disposal quantities:

Indicate the applicable waste types and quantities expected to be disposed of and salvaged annually

TYPES OF WASTE	MAIN SOURCE (NAME OF COMPANY)	QUANTITIES		ON-SITE RECOVERY REUSE RECYCLING TREATMENT OR DISPOSAL	OFFSITE RECOVERY REUSE RECYCLING TREATMENT OR DISPOSAL	OFFSITE DISPOSAL
		TONS/ MONTH	M ³ / MONTH	method & location	method location and contractor details	
N/A	N/A	N/A	N/A	N/A	N/A	N/A

9. GENERAL (WHERE THE ACTIVITY IS A LISTED WASTE MANAGEMENT ACTIVITY)

Prevailing wind direction (e.g. NWW)

November – April

May – October

N/A
N/A

The size of population to be served by the facility

Mark with "X"	Comment
N/A	N/A
N/A	N/A

SECTION C: DESCRIPTION OF RECEIVING ENVIRONMENT

Site/Area Description

For linear activities (pipelines etc) as well as activities that cover very large sites, it may be necessary to complete copies of this Section for each part of the site that has a significantly different environment. In such cases please complete copies of Section C and indicate the area which is covered by each copy No. on the Site Plan.

Section C Copy No. (e.g. 1, 2, or 3):

0

1. GRADIENT OF THE SITE

Indicate the general gradient of the site(s) (cross out the appropriate box).

Flat	Flatter than 1:10	1:10 – 1:5	Steeper than 1:5
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2. LOCATION IN LANDSCAPE

Indicate the landform(s) that best describes the site (cross out ("X") the appropriate box (es)).

Ridgeline	Plateau	Side slope of hill/mountain	Closed valley	Open valley	Plain	Undulating plain/low hills	Dune	Sea-front	Other
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3. GROUNDWATER, SOIL AND GEOLOGICAL STABILITY OF THE SITE

Is the site(s) located on or near any of the following [cross out ("X") the appropriate boxes]?

Shallow water table (less than 1.5m deep)	YES	NO	UNSURE
Seasonally wet soils (often close to water bodies)	YES	NO	UNSURE
Unstable rocky slopes or steep slopes with loose soil	YES	NO	UNSURE
Dispersive soils (soils that dissolve in water)	YES	NO	UNSURE
Soils with high clay content	YES	NO	UNSURE
Any other unstable soil or geological feature	YES	NO	UNSURE
An area sensitive to erosion	YES	NO	UNSURE

Specialist input may be requested by the Department. Information in respect of the above will often be available at the planning Sections of local authorities. Where it exists, the 1:50 000 scale Regional Geotechnical Maps prepared by Geological Survey may also be used.

4. SURFACE WATER

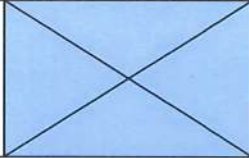
Indicate the surface water present on and or adjacent to the site and alternative sites (cross out ("X") the appropriate boxes)?

Perennial River	YES	NO	UNSURE
Non-Perennial River	YES	NO	UNSURE
Permanent Wetland	YES	NO	UNSURE
Seasonal Wetland (seasonal alluvial water courses)	YES	NO	UNSURE
Artificial Wetland	YES	NO	UNSURE
Estuarine / Lagoonal wetland	YES	NO	UNSURE

5. VEGETATION AND GROUNDCOVER

5.1 VEGETATION / GROUNDCOVER (PRE-COMMENCEMENT)

Cross out ("X") the block or describe (where required) the vegetation types / groundcover present on the site before commencement of the activity.

Indigenous Vegetation - good condition	Indigenous Vegetation with scattered aliens		Indigenous Vegetation with heavy alien infestation	
Describe the vegetation type above:	Describe the vegetation type above: The site is predominately located within Bushmanland Basin Shrubland (NKb 6) as defined by the National Vegetation Type Map (Mucina & Rutherford, 2007, updated in 2017/2018). This vegetation unit is dominated by dwarf shrubs, mostly succulents, interspersed in areas with grasses. An Ecological study was undertaken by Wild Skies prior to the construction of the bypass line. The report will be updated to include the impact of the constructed bypass line and this will be made available as the project progresses. The Ecological specialist report indicates that 33 of the 115 species observed are listed under Schedule 3 Protected and thus will require removal/ relocation permits. No natural trees were observed within the site. Alien species abundance at the site was low, and alien plant species observed at the site include scattered individuals of <i>Prosopis glandulosa</i> and occasional <i>Salsola kali</i> in disturbed locations.		Describe the vegetation type above:	
Provide ecosystem status for above:	Provide ecosystem status for above:		Provide Ecosystem status for above:	
Indigenous Vegetation in an ecological corridor or along a soil boundary / interface	Indigenous Vegetation with a few alien species		Distinctive soil conditions (e.g. sandy shallow soil and minor sandy alluvial deposits)	
Bare soil	Building or other structure (overhead powerlines)		Sport field	
Other (describe below)	Cultivated land		Paved surface	

5.2. VEGETATION / GROUNDCOVER (POST-COMMENCEMENT)

Cross out ("X") the block or describe (where required) the vegetation types / groundcover present on the site after commencement of the activity.

Indigenous Vegetation - good condition	Indigenous Vegetation with scattered aliens	X	Indigenous Vegetation with heavy alien infestation
Describe the vegetation type above:	Describe the vegetation type above: The commencement of the activity has slightly altered the vegetation on site. The area is still characterised by dwarf shrubs and grasses. Commencement of the construction activities has not given rise to alien plant species.		Describe the vegetation type above:
Provide ecosystem status for above:	Provide ecosystem status for above:		Provide Ecosystem status for above:
Indigenous Vegetation in an ecological corridor or along a soil boundary / interface	Indigenous Vegetation with a few alien species		Distinctive soil conditions (e.g. sandy shallow soil and minor sandy alluvial deposits)
Bare soil	Building or other structure (Overhead Powerline)		Sport field
Other (describe below)	Cultivated land		Paved surface
<p>Please note: The Department may request specialist input/studies depending on the nature of the vegetation type / groundcover and impact(s) of the activity/ies. To assist with the identification of the <u>vegetation type</u> and <u>ecosystem status</u> consult http://bgis.sanbi.org or BGIShelp@sanbi.org. Information is also available on compact disc (cd) from the Biodiversity-GIS Unit, Ph (021) 799 8698. This information may be updated from time to time and it is the applicant/ EAP's responsibility to ensure that the latest version is used.</p>			

5.3 VEGETATION / GROUNDCOVER MANAGEMENT

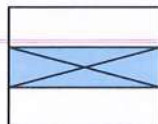
Describe any mitigation/management measures that were adopted and the adequacy of these:

Mitigation measures detailed in the approved Environmental Management Plan (EMP) 2015 were implemented during the construction of the bypass powerline. The implemented measures included but were not limited to the following:

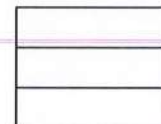
- Vegetation was not cleared beyond the project footprint,
- Only existing access roads were used,
- No open fires were permitted on site, and
- Vegetation clearance was as per the method statement in line with Transnet policies.

6. THE GEOLOGICAL FORMATIONS UNDERLYING THE SITE

GRANITE
SHALE
SANDSTONE



QUARTZITE
DOLOMITE
DOLERITE



OTHER _____

7. LAND USE CHARACTER OF SURROUNDING AREA (PRE-COMMENCEMENT)

Cross out (“~~☒~~”) the block that reflects the past land uses and/or prominent features that occur/red within +/- 500m radius of the site and neighbouring properties if these are located beyond 500m of the site. Please note: The Department may request specialist input/studies depending on the nature of the land use character of the area and impact(s) of the activity/ies.

Untransformed area	Low density residential	Medium density residential	High density residential	Informal residential
Retail	Commercial & warehousing	Light industrial	Medium industrial	Heavy industrial
Power station	Office/consulting room	Military or police base/station/compound	Casino/entertainment complex	Tourism & Hospitality facility
Open cast mine	Underground mine	Spoil heap or slimes dam	Quarry, sand or borrow pit	Dam or reservoir
Hospital/medical center	School	Tertiary education facility	Church	Old age home
Sewage treatment plant	Train station or shunting yard	Railway line	Major road (4 lanes or more)	Airport
Harbour	Sport facilities	Golf course	Polo fields	Filling station
Landfill or waste treatment site	Plantation	Agriculture (Stock farming)	River, stream or wetland	Nature conservation area
Mountain, koppie or ridge	Museum	Historical building	Graveyard	Archaeological site
Other land uses (describe):				

8. REGIONAL PLANNING CONTEXT

Is/was the activity permitted in terms of the property’s existing land use rights? Please explain

This is to be confirmed upon receiving the zoning certificate.			
Is/was the activity in line with the following?			
o Provincial Spatial Development Framework (PSDF)	YES	NO	Please explain
According to the Northern Cape SDF, an effective, competitive, and responsive infrastructure network is imperative for ongoing economic development of the province. Much of the province’s primary agricultural and mineral production is produced in localities distant from markets and from points of export. The proposed project is part of the programme of increasing electricity supply capacity to allow for improved infrastructure.			
o Urban edge / Edge of Built Environment for the area	YES	NO	Please explain
The project is outside the urban edge.			
o Integrated Development Plan of the Local Municipality	YES	NO	Please explain
The current IDP promotes industrial development and it is very specific about the supply of power in its clearly stated support of the National and Provincial Government’s key projects. Further, it supports Strategic Infrastructural projects.			
o Spatial Development Framework of the Local Municipality	YES	NO	Please explain

The current SDF promotes industrial development and it is very specific about supply of power in its clearly stated support of the National and Provincial Government's key projects. Further, it supports Strategic Infrastructural Project.			
<input type="radio"/> Approved Structure Plan of the Municipality	YES	<input checked="" type="checkbox"/> NO	Please explain
It is not within the Municipality's mandate to approve Transnet's Structure Plan; however, the Municipality has been identified as a primary stakeholder eligible to comment.			
<input type="radio"/> Any other Plans	YES	<input checked="" type="checkbox"/> NO	Please explain
None identified.			

9 SOCIO-ECONOMIC CONTEXT

9.1 SOCIO-ECONOMIC CONTEXT (PRE-COMMENCEMENT)

Describe the pre-commencement social and economic characteristics of the community in order to provide baseline information.

The information provided hereunder was sourced from the Census 2011 Municipal fact sheet, published by Statistics South Africa.

The official recorded population of the Hantam Local Municipality is 20 351; with an expected population increase of 0.59 % per annum. The official unemployment rate in the Hantam Local Municipality is 11.8 % with most of the population (70%) living and working in the towns (Calvinia, Brandvlei, Loeriesfontein, Middelpoos, and Nieuwoudtville). Numerous Government Departments are situated in Calvinia, with the Municipality providing work for more than 140 permanent employees. Farming is the main contributor to the economy, namely sheep, wool, and lucerne, and rooibos tea.

9.2 SOCIO-ECONOMIC CONTEXT (POST-COMMENCEMENT)

Describe the post commencement social and economic characteristics of the community in order to determine any change.

The development of the project, including the bypass powerline had a positive socio-economic impact as the demand for equipment, building material, and labour has increased. Secondary service provision such as food supply, toilet hire, equipment maintenance, and many more items have also stimulated the local economy.

10. CULTURAL/HISTORICAL FEATURES

Were there any signs or evidence (unearthed during construction) of culturally or historically significant elements including archaeological or palaeontological sites, on or in close proximity to the site?		<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
		UNCERTAIN	
If YES, explain:	A heritage specialist study was undertaken by Mr. Munyadziwa Magoma of Vhubvo Archaeo-Heritage Consultants prior to the construction of the Bypass powerline. According to the report, two archaeological sites containing isolated tools have been identified on the bypass powerline route. No cultural or historically significant elements have been unearthed during construction to date. It must be noted that Section 24G Heritage Impact Assessment study will be undertaken and the report made available to the public and the authorities.		
If uncertain, the Department may request that specialist input be provided to establish whether such possibilities occurred on or close to the site.			
Briefly explain the findings of the specialist if one	The specialist conducted an Archaeological and Cultural Heritage Phase I walk-down for the proposed deviation of 4.5km 50kV powerline between Eskom Helios substation and new Transnet TFS; however, the walk down for the constructed bypass will be undertaken as part of this assessment. The specialist		

was already appointed:	identified several isolated stone tools as well as two archaeological sites. The specialist concluded that none of the findings at the time were considered to be of such significance that could prevent the development from proceeding.	
Were any buildings or structures older than 60 years affected in any way?	YES	NO
Was it necessary to apply for a permit in terms of the National Heritage Resources Act, 1999 (Act 25 of 1999)?	YES	NO
If yes, please submit or, make sure that the applicant or a specialist submit the necessary application to SAHRA or the relevant provincial heritage agency and attach proof thereof to this application.		

SECTION D: PRELIMINARY IMPACT ASSESSMENT

Please note, the impacts identified below refer to general impacts commonly associated with development activities. The list below is not exhaustive and may need to be supplemented. Where required, please append the information on any additional impacts to this application.

1. WASTE, EFFLUENT AND EMISSION MANAGEMENT

(a) Solid waste management

Did/does the activity produce any general waste (e.g. domestic-, commercial-, certain industrial waste, including building rubble also known as solid waste) during the construction phase <u>and/or</u> the operational phase?	YES	NO
If yes, briefly describe what type of waste was produced (i.e. green waste, building rubble, etc.) in which phase.		
The construction phase of the 4.5 km 50 kV bypass powerline produced general construction waste, which was collected and be disposed of at the registered Loeriesfontein Waste Landfill Site by a waste contractor. The construction solid waste disposed of is listed below: <ul style="list-style-type: none"> • conductor off-cuts; • steel off-cuts; • concrete rubble from structure foundations • Vegetation cleared; and • General waste produced by construction workers. <p>The waste management hierarchy process was followed were deemed necessary to manage of the solid waste generated during construction to avoid environmental pollution. The mitigation measures presented in the EMPr (attached as Appendix H) were also implemented in the management of waste.</p> <p>Records of the type and quantity of waste disposed of at the waste disposal site will be kept on site.</p>		
What quantity was/is produced during the construction period?	8	m ³
What was/is the estimated quantity that will be produced per month during the operational phase?	0	m ³

Did/does the activity produce any <u>hazardous</u> waste (e.g. chemical, medical waste, infectious, nuclear etc.) during the construction and/or the operational phase?	YES	NO
If yes, briefly describe what type of waste was produced (i.e. infectious waste, medical waste, etc.) in which phase.		
Hazardous waste produced on-site included contaminated soil, which was disposed of appropriately at the registered Valkfontein hazardous waste treatment site. Records of the type and quantity of hazardous waste disposal at the treatment facility are attached in Appendix I.		
What quantity was/is produced during the construction period?	750	kg
What was/is the estimated quantity that will be produced per month during the operational phase?	0	kg

Where and how was/is waste treated / disposed of (describe each waste stream)?
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Solid waste was managed and disposed of in accordance with the attached Environmental Management Programme (See Appendix H), which included:

- General waste, consisting of non-hazardous substances. Examples include (but not limited to) rubble that could not be reused and food waste. This was collected in a waste skip and disposed of at the registered Loeriesfontein disposal site.
- Re-usable and excess material was carefully packaged and used for the construction of the new 15km 50kV powerline.
- Hazardous waste was disposed of accordingly at the registered Valkfontein hazardous waste disposal site.
- Waste was not burned or buried on or near the site.

National Environmental Management: Waste Act, 2008 (No. 59 of 2008), was considered during waste management as it provides specific waste management measures to prevent, reduce or minimize the environmental pollution.

Has the municipality or relevant authority confirmed that sufficient capacity exist for treating / disposing of the solid waste to be generated by this activity(ies)? If yes, provide written confirmation from municipality or relevant authority	YES	NO
Does/did the activity produce solid waste that was/will be treated and/or disposed of at another facility other than into a municipal waste stream?	YES	NO
If yes, did/has this facility confirmed that sufficient capacity exist for treating / disposing of the solid waste to be generated by this activity(ies)? Provide written confirmation from the facility and provide the following particulars of the facility:	YES	NO
Did/does the facility have an operating license? (If yes, please attach a copy of the license.)	YES	NO
Please see the copy of the landfill site licence attached as Appendix E3.		
Facility name:	Loeriesfontein Landfill Site	
Contact person:	R.C Van Wyk	
Postal address:	P.O Box 36, Loeriesfontein	
	Postal code:	8185
Telephone:	027 662 8600	Cell: N/A
E-mail:	kmlambo@ncgp.gov.za	Fax: 027 662 8601

(b) Effluent

Did/does the activity produce sewage and or any other effluent?	YES	NO
What was/is the estimated quantity produced per month?	26 000	L
Was/is the effluent treated and/or disposed of in a municipal system?	YES	NO
If Yes, did/has the Municipality or relevant authority confirmed that sufficient unallocated capacity exist for treating / disposing of the sewage or any other effluent generated by this activity(ies)? Provide written confirmation from the Municipality or relevant authority.		
Proof of sewage disposal is attached in Appendix E4.		
Was/is any effluent produced be treated and/or disposed of onsite?	YES	NO
If yes, briefly describe the nature of the effluent and how it was/will be disposed of:		
N/A		
Did/does the activity produce effluent that was/will be treated and/or disposed of at another facility?	YES	NO
If yes, did/has this facility confirmed that sufficient capacity exist(ed) for treating / disposing of the liquid effluent generated by this activity(ies)? Provide written confirmation from the facility and provide the following particulars of the facility:	YES	NO
Does the facility have an operating license? (If yes, please attach a copy of the license.)	YES	NO
Facility name:		

Contact person:	
Postal address:	
	Postal code:
Telephone:	Cell:
E-mail:	Fax:

Describe the measures that was/will be taken to ensure the optimal reuse or recycling of waste water, if any:
 Sewage is the only form of wastewater generated from this project, and there is no initiative to place to reuse or treat.

(c) Emissions into the atmosphere

Did/does the activity produce emissions that will be disposed of into the atmosphere?	YES	NO
If yes, did/does it require approval in terms of relevant legislation? If yes, attach a copy to this application	YES	NO

Describe the emissions in terms of type and concentration and how it was/will be treated/mitigated:
 Low dust emissions were emitted from activities such as vegetation clearance, excavation, and driving on the dirt roads during the construction phase; the impact was local and low in significance. Appropriate dust control measures such as dust suppression was implemented. Additional detail on dust management is provided in the Environmental Management Programme.

(d) Describe any mitigation/management measures that were adopted and the adequacy of these:

The following mitigation measures were adequately implemented to reduce atmospheric emissions:

- No burning of waste material;
- Speed restrictions were implemented on-site for vehicles to 40km/h on the access road to minimise or avoid dust pollution;
- Implementing dust suppression measures by watering areas cleared as well as already exposed surfaces (i.e., dirty roads or gravel) with damaged soil particles, particularly during dry, windy periods; and
- Removal of vegetation was within the construction footprint only.

National Environmental Management: Air Quality Act 39 of 2004, was considered during the project to protect and enhance the quality of air and prevent air pollution and ecological degradation caused by the emissions.

2. WATER USE

(a) Please indicate the source(s) of water for the activity by crossing out ("X") the appropriate box(es)

Municipal	Water Board	Groundwater r	River, Stream, Dam or Lake	Other	The activity did/does not use water
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If water was/is extracted from a groundwater source, river, stream, dam, lake or any other natural feature, please indicate the volume that was/is extracted per month: 0 m³

Please provide proof of assurance of water supply e.g. letter of confirmation from Municipality/water user associations, yield of borehole etc.

Did/does the activity require a water use permit / license from DWAF? If yes, attach a copy to this application	YES	NO
If yes, please submit the necessary application to Department of Water Affairs and Forestry and attach proof thereof to this application.		

(b) Describe any mitigation/management measures that were adopted and the adequacy of these:

Buckets were placed under drinking water taps to collect excess water which was used for cleaning the site offices.

3. POWER SUPPLY

(a) Please indicate the source of power supply e.g. Municipality / Eskom / Renewable energy source.

Electricity is provided by Eskom.

Has the Municipality or relevant service provider confirmed that sufficient electricity capacity (i.e. generation, supply and transmission) exist for activity(ies)?
If yes, provide written confirmation from Municipality or relevant service provider.

YES

NO

If power supply was/is not available, where was/is it sourced from?

The available power supply is sourced from the Transnet Substation, which is powered by Eskom.

(b) Describe any mitigation/management measures that were adopted and the adequacy of these:

The following mitigation measures were adequately implemented to reduce energy consumption:

- Office lights were switched off at night.
- Air conditioners were switched off in vacant offices.

4. ENERGY EFFICIENCY

(a) Describe the design measures, if any, that have been taken to ensure that the activity is energy efficient:

No design measures have been implemented to ensure that the activity is energy efficient; however, the bypass powerline enables TFR to replace the 9E Electrical Locomotives and Diesel Locomotives with the new energy-efficient 15E Electrical Locomotives.

(b) Describe how alternative energy sources have been taken into account or been built into the design of the activity, if any:

No design measures have been implemented to ensure that the activity is energy efficient; however, the bypass powerline enables TFR to replace the 9E Electrical Locomotives and Diesel Locomotives with the new energy efficient 15E Electrical Locomotives.

5. NOISE IMPACTS

(a) Did/does the activity result in any noise impacts?

YES

NO

If yes, please describe and indicate the measures implemented to mitigate and manage these impacts?

Noise pollution occurred because of construction activities and movement of vehicles on site; the impact was localised and temporary. The noise impact was mitigated by restricting construction activities to regular working hours, resulting in low significance. Additional details on noise management are provided in the EMPr (Refer to Appendix H).

Please note: The Department may request specialist input/studies depending on the nature of the land use character of the area and potential noise impact(s) of the activity/ies.

6. VISUAL IMPACTS

(a) Did/does the activity result in any visual impacts?

YES

NO

If yes, please describe and indicate the measures implemented to mitigate and manage these impacts?

The visual impact during the construction and operational phases of the temporary Bypass project is localized in extent

and short term. Transnet has planned to decommission the temporary 4.5 km 50 kV Bypass powerline 18 months after commissioning the new 15 km 50 kV powerline. Further, the impacts during the operation of the temporarily constructed bypass powerline will be medium, and after decommissioning, there will be no visual impacts.

(b) Did/does the activity result in potential lighting impacts at night? YES NO
 If yes, please describe and indicate the measures implemented to mitigate and manage these impacts?

(c) Were/are there any alternatives available to address this impact? YES NO
 If yes, please describe these alternatives?

Please note: The Department may request specialist input/studies depending on the nature of the land use character of the area and potential visual impact(s) of the activity/ies.

7. SOCIO-ECONOMIC IMPLICATIONS OF THE ACTIVITY

(a) What was/is the expected capital value of the activity on completion?	
(b) What was/is the expected yearly income or contribution to the economy that will be generated by or as a result of the activity?	
(c) Did/does the activity contribute to service infrastructure?	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
(d) How many permanent new employment opportunities were created?	None, only temporary employment.
(e) What was/is the expected current value of the employment opportunities to date?	
(f) What percentage of this accrued to previously disadvantaged individuals?	43%

How was (is) this (to be) ensured and monitored (please explain):
 It is monitored through the compensation event on the NEC contract.

8. PRELIMINARY IMPACT ASSESSMENT

Briefly describe the impacts (as appropriate), significance rating of impacts and significance rating of impacts after mitigation. This must include an assessment of the significance of all impacts. Please note: This is a preliminary impact statement. The Department may request specialist input/studies depending on the type and nature of the impact(s) of the activity/ies.

Possible Impacts	Significance rating of impacts after mitigation (Low, Medium, Medium-High, High, Very High):
Employment The project entailed the construction and operation of a 4.5km 50kV bypass powerline. The construction phase resulted in an increase of employment opportunities for skilled and semi-skilled personnel in the local community. This impact is regional in extent and positive in nature.	Medium
Cultural and heritage resources The Archeological specialist conducted a site investigation along the bypass	Low

<p>powerline servitude and identified several isolated stone tools as well as two archaeological sites. The specialist concluded that none of the findings could be considered to be of such significance that can prevent the proposed development from proceeding.</p>	
<p>Avifaunal</p> <p>The powerline poses a low collision risk and a low electrocution risk due to the largely transformed nature of the site. Further, the impact of displacement due to habitat transformation had a low impact on avifauna.</p>	<p>Low</p>
<p>Fauna</p> <p>No sensitive species or sensitive areas were flagged. The project did not substantially change the reigning ecological character of the general area. Further, the project did not significantly impact the assemblages and conservation of the general area. Considering the insignificant extent of the relatively narrow and linear servitude, endangered species of conservation were put at risk; however, none were affected.</p>	<p>Low</p>
<p>Air Pollution</p> <p>Air pollution during construction was caused by dust emanating from site preparation activities and excavations during construction. Given the nature and magnitude of the project the impact was local in extent and short term. Mitigation measures such as dust suppression were implemented.</p>	<p>Low</p>
<p>Flora</p> <p>Ecological impacts resulting from the construction of the bypass powerline started from a variety of different activities such as vegetation clearing for the laydown areas, the powerline site corridor.</p>	<p>Low</p>
<p>Surface and Groundwater Pollution</p> <p>There are alluvial watercourses along sections of the bypass. Therefore, the construction of the bypass powerline had impacts on surface water. The impact on water quality may have included sedimentation, decrease in quality and possible contamination of surface water and groundwater. This could result from fuel spillages, sewer systems, liquid waste, etc.</p> <p>An increased volume of stormwater runoff, peak discharges, and frequency, as well as the severity of flooding, is therefore often characteristic of the transformed catchment. The impact on water is site-specific but can be local or regional if proper measures are not put in place.</p>	<p>Low</p>
<p>Traffic</p>	<p>Low</p>

<p>A slight increase in traffic occurred due to the delivery of construction materials to and from the construction site. The impact of increased traffic was considered to be local in extent, short term in duration with the overall impact being negative with low significance. However, with the implementation of proper mitigation measures, the impact was reduced.</p>	
<p>Noise</p> <p>The construction of the bypass powerline resulted in an increase in noise in the area. The noise generated was mostly associated with the machinery and vehicles used during the construction. According to the SABS 0103 acceptable noise level at daytime is 45dBA. A noise intrusion is disturbing if it exceeds 7dBA or more.</p> <p>Given the nature of the project and the existing infrastructure which generates noise, such as the railway or train situated in proximity to the site, it is highly unlikely that the stipulated noise levels were exceeded at any given time.</p> <p>Noise associated with the construction activities was mitigated by limiting the construction operation to business hours, during which noise was not such a big concern to surrounding residents. This noise impact was anticipated to be local before mitigation measures and site-specific after mitigation measures. Consequently, the noise impacts were anticipated to be medium without mitigation measures and low with the implementation of the mitigation measures.</p>	<p>Low</p>
<p>Waste generation</p> <p>The project resulted in the generation of waste including construction and solid waste. All the waste generated was appropriately collected and disposed of at the registered Loeriesfontein Waste Disposal Site by a waste contractor to prevent, reduce or minimize environmental pollution.</p> <p>Further, to reduce the impacts of waste from medium to low, the mitigation measures adopted from the EMPr and waste management hierarchy process were implemented on site.</p>	<p>Low</p>
<p>Visual</p> <p>The visual impact during the construction and operational phases of the temporary bypass project are localized in extent and short term. Transnet has planned to decommission the temporary 4.5km 50kV bypass powerline 17 months after commissioning of the new 15km 50kV powerline. Further, the impacts will be medium during the operation of the temporary constructed bypass powerline, and after decommissioning, there will be no visual impacts.</p>	<p>Low</p>
<p>Climate change</p> <p>Local climate conditions do not appear to be of significant concern to the project. On a broader scale, the project has no impact on local and/or global climate change.</p>	<p>Low</p>

SECTION E: LANDFILL PARAMETERS (Where application relates to a waste management activity)

The method of disposal of waste:

Land-building Land-filling Both

The dimensions of the disposal site in metres

	At commencement	After rehabilitation
Height/Depth		
Length		
Breadth		

The total volume available for the disposal of waste on the site:

Volume Available	Mark with "X"	Source of information (Determined by surveyor/ Estimated)
Up to 99		
100-34 999		
35 000- 3,5 million		
>3,5 million		

The total volume already used for waste disposal:

- (a) Will the waste body be covered daily
- (b) Is sufficient cover material available
- (c) Will waste be compacted daily

YES	NO
YES	NO
YES	NO

If the answers (a) and/or (b) are No, what measures will be employed to prevent the problems of burning or smouldering of waste and the generation of nuisance?

--

The Salvage method

Mark with an "X" the method to be used.

- At source
- Recycling installation
- Formal salvaging
- Contractor
- No salvaging planned

Fatal Flaws for the site:

Indicate which of the following apply to the facility for a waste management activity:

Within a 3000m radius of the end of an airport landing strip	YES	NO
Within the 1 in 50 year flood line of any watercourse	YES	NO
Within an unstable area(fault zone, seismic zone, dolomitic area, sinkholes)	YES	NO
Within the drainage area or within 5 km of water source	YES	NO
Within an area with shallow and/or visible water table	YES	NO
Within an area adjacent to or above an aquifer	YES	NO
Within an area with shallow bedrock and limited available cover material	YES	NO
Within 100 m of the source of surface water	YES	NO
Within 1km from the wetland	YES	NO
Indicate the distance to the boundary of the nearest residential area	_____metres	
Indicate the distance to the boundary of the industrial area	_____metres	

Wettest six months of the year

November- April	
May -October	

For the wettest six month period indicated above, indicate the following for the preceding 30 years

	Total rainfall for 6 months	Total A-pan evaporation for 6 months	Climatic water balance
For the 1 st wettest year			
For the 2 nd wettest year			
For the 3 rd wettest year			
For the 4 th wettest year			
For the 5 th wettest year			
For the 6 th wettest year			
For the 7 th wettest year			
For the 8 th wettest year			
For the 9 th wettest year			
For the 10 th wettest year			

Location and depth of ground water monitoring boreholes:

Codes of boreholes	Borehole locality	Depth (m)	Latitude			Longitude		
			°	'	''	°	'	''
.....		°	'	''	°	'	''
.....		°	'	''	°	'	''
.....		°	'	''	°	'	''
.....		°	'	''	°	'	''

.....	.....		○	I	II	○	I	II
.....	.....		○	I	II	○	I	II
.....	.....		○	I	II	○	I	II
.....	.....		○	I	II	○	I	II
.....	.....		○	I	II	○	I	II
.....	.....		○	I	II	○	I	II
.....	.....		○	I	II	○	I	II
.....	.....		○	I	II	○	I	II
.....	.....		○	I	II	○	I	II

Location and depth of landfill gas monitoring test pit:

Codes of boreholes	Borehole locality	Latitude			Longitude		
.....	○	I	II	○	I	II
.....	○	I	II	○	I	II
.....	○	I	II	○	I	II
.....	○	I	II	○	I	II
.....	○	I	II	○	I	II
.....	○	I	II	○	I	II
.....	○	I	II	○	I	II
.....	○	I	II	○	I	II

SECTION F: PROPOSED PUBLIC PARTICIPATION

7.1 Public participation process

The person conducting the public participation process must fulfil the requirements outlined in Chapter 6 of the 2014 NEMA EIA Regulations and must take into account any applicable guidelines published in terms of Section 24J of NEMA, as well as any other guidance provided by the Department.

Please highlight the appropriate box below to indicate the public participation process that has been or is proposed to be undertaken, including exemptions that have been/will be applied for:

1. In terms of regulation 41 of the EIA Regulations, 2014 -			
(a) fixing a notice board at a place conspicuous to and accessible by the public at the boundary, on the fence or along the corridor of -			
(i) the site where the activity to which the application relates is or is to be undertaken; and	YES	EXEMPTION	
(ii) any alternative site	YES	EXEMPTION	
(b) giving written notice, in any manner provided for in section 47D of the NEMA, to –			
(i) the occupiers of the site and, if the applicant is not the owner or person in control of the site on which the activity is to be undertaken, the owner or person in control of the site where the activity is or is to be undertaken or to any alternative site where the activity is to be undertaken;	YES	EXEMPTION	N/A
(ii) owners, persons in control of, and occupiers of land adjacent to the site where the activity is or is to be undertaken or to any alternative site where the activity is to be undertaken;	YES	EXEMPTION	
(iii) the municipal councillor of the ward in which the site or alternative site is situated and any organisation of ratepayers that represent the community in the area;	YES	EXEMPTION	
(iv) the municipality (Local and District Municipality) which has jurisdiction in the area;	YES	EXEMPTION	
(v) any organ of state having jurisdiction in respect of any aspect of the activity; and	YES	EXEMPTION	
(vi) any other party as required by the Department;	YES	EXEMPTION	N/A
(c) placing an advertisement in -			
(i) one local newspaper; or	YES	EXEMPTION	
(ii) any official Gazette that is published specifically for the purpose of providing public notice of applications or other submissions made in terms of these Regulations;	YES	EXEMPTION	N/A
(d) placing an advertisement in at least one provincial newspaper or national newspaper, if the activity has or may have an impact that extends beyond the boundaries of the metropolitan or district municipality in which it is or will be undertaken	YES	EXEMPTION	N/A

(e) using reasonable alternative methods, as agreed to by the Department, in those instances where a person is desirous of but unable to participate in the process due to— (i) illiteracy; (ii) disability; or (iii) any other disadvantage.	YES	EXEMPTION	N/A
If you have indicated that “EXEMPTION” applies to any of the above, then a separate Application for Exemption must be submitted.			
2. The NEM: AQA and NEM: WA requires that a notice must be placed in at least two newspapers.			
If applicable, have/will an advertisement be placed in at least two newspapers?	YES	NO	
If “NO”, then an application for exemption from the requirement must be applied for. The Application is for the rectification of contravening NEMA, not NEM: AQA or NEM: WA and as such, an advertisement in one (1) local newspaper is sufficient.			

Note: It is no longer possible to obtain permission to deviate from the requirements to give notice to potential interested and affected parties. Unless exemption has been granted from a particular requirement, the requirement must be met. If an application for exemption is refused, the requirement in question must be met.

7.2 Public participation undertaken prior to the submission of this Notice of Intent

Where public participation in terms of Regulations 40(3) and 41 was undertaken prior to submission of this Notice of Intent, please provide a summary of the steps followed to date.
Public participation in terms of EIA Regulation 40 was undertaken prior to the submission of this application. A newspaper advert informing the Interested and Affected Parties (I&APs) of Transnet's intent to lodge a Section 24G application with the DFFE was published on the Noordwester Newspaper on Thursday, 5 May 2022. A copy of the published advertisement is attached in Appendix I. Further, a proposed public participation plan was approved by the DFFE on the 19 th of January 2022 prior to the submission of this application.

7.3 List of State departments consulted/to be consulted

Provide a list of all the State departments that will be/have been consulted, including the name and contact details of the relevant official.														
<p>1. Northern Cape Department of Environment and Nature Conservation</p> <table border="1"> <tr> <td>Contact Person</td> <td>Ms Kholiwe Mlambo</td> </tr> <tr> <td>Tel</td> <td>053 807 7416</td> </tr> <tr> <td>Email</td> <td>kmlambo@ncgp.gov.za</td> </tr> <tr> <td>Postal Address</td> <td>90 Long Street, Sasko Building, Kimberley, 8000</td> </tr> </table> <p>2. Department of Human Settlement, Water and Sanitation (DWS)</p> <table border="1"> <tr> <td>Contact Person</td> <td>Mr. Shaun Cloete</td> </tr> <tr> <td>Tel</td> <td>054 338 5800</td> </tr> <tr> <td>Email</td> <td>Cloetes@dws.gov.za</td> </tr> </table>	Contact Person	Ms Kholiwe Mlambo	Tel	053 807 7416	Email	kmlambo@ncgp.gov.za	Postal Address	90 Long Street, Sasko Building, Kimberley, 8000	Contact Person	Mr. Shaun Cloete	Tel	054 338 5800	Email	Cloetes@dws.gov.za
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Tel	053 807 7416													
Email	kmlambo@ncgp.gov.za													
Postal Address	90 Long Street, Sasko Building, Kimberley, 8000													
Contact Person	Mr. Shaun Cloete													
Tel	054 338 5800													
Email	Cloetes@dws.gov.za													

Postal Address	Private Bag X5912 Upington, 8800
3. Northern Cape Department of Transport and Public Works	
Contact Person	Ms. Crystal Robertson
Tel	054 839 2100
Email	CRobertson@ncpg.gov.za
Postal Address	Tebogo Leon Tume Complex 9 - 11 Stokroos street Squarehill Park Kimberley, 8000
4. Northern Cape Department of Agriculture and Land Affairs	
Contact Person	Mr. Zandisile Lumphahla
Tel	053 838 9106
Email	zlumphahla@ncpg.gov.za
Postal Address	Private Bag X5018 Squarehill Park Kimberley, 8000
5. Northern Cape Provincial Heritage Authority	
Contact Person	Mrs Rose Kelebogogile Cwangae
Tel	0538312537
Email	rcwangae@nbkb.org.za
Postal Address	N12 & Kekewich Drive Royldene, Kimberley, 8301
6. Hantam Local Municipality	
Contact Person	Mr. Riaan van Wyk
Tel	0833202116
Email	vanwykjr@hantam.gov.za
Postal Address	Private Bag X14 Calvinia, 8190

Note: A State department consulted in terms of Section 240(2) of NEMA and Regulations 3(4) and 43(2) must within 30 days from the date of the Department's request for comment, submit such comment in writing to the Department. The applicant/EAP is therefore required to inform this Department in writing when the Basic Assessment Report / Scoping Report / Environmental Impact Assessment Report is submitted to the relevant State Departments. Upon receipt of this confirmation, this Department will in accordance with Section 240 (2) & (3) of the NEMA (as amended), inform the relevant State Departments of the commencement date of the 30 day commenting period.

SECTION G: ALTERNATIVES

As part of this report, consideration must be given to alternatives that are/may have been possible had an environmental impact assessment been undertaken prior to the commencement of the activity. Please provide a detailed description of the alternatives (whether location, technology or environmental) that were/are possible in terms of this application.

The identification of alternatives is an important component of the EIA process. The identified alternatives were assessed in terms of environmental acceptability, technical as well as economic feasibility during the S24G application process

1. Site Alternatives:

A 200m corridor was assessed in 2014 and this was to ensure that the proposed powerline is constructed on the best and least sensitive site within the corridor. The DFFE approved site Alternative 1, and construction commenced in August 2020. However, Transnet and the landowner could not reach an agreement to construct a portion of the powerline between the Helios MTS and towers HEL/8TRA22 on the authorised site. As a result, Transnet constructed a bypass powerline using the methodology approved in 2014; in the existing servitude, and as such there is no site alternative for the bypass project.

Table 1: Coordinates of proposed deviation

Coordinates Points	Coordinates of the proposed deviation powerline	
	Latitude	Longitude
Start point	30° 29' 49.02"S	19° 33' 39.79"E
Middle point	30° 28' 54.45"S	19° 33' 35.46"E
End point	30° 27' 37.79"S	19° 34' 39.09"E

2. Technical and Structural Alternatives:

Alternative 1 (preferred alternatives)

The proposed bypass powerline was constructed using concrete masts like the masts used by Transnet along the OREX rail line. Further, the bypass was constructed using the material approved in the 2015 EA. Bird-friendly structures were installed on new lines and SF6 gas-insulated circuit breakers were used instead of oil-insulated circuit breakers.

Alternative 2:

Use SF6 gas-insulated auxiliary, voltage, and current transformers. However, this was not preferred due to excessive costs and practical constraints.

3. No-Go Alternative

In accordance with GN R.982, consideration must be given to the option not to act. This option is usually considered when the proposed project is envisaged to have significant adverse environmental impacts and mitigation measures cannot effectively ameliorate the identified impacts. The no-go alternative would be the option of decommissioning the bypass powerline. Further, this also means that the 9E Electrical Locomotives and Diesel Locomotives will continue to operate, making room for overloading and interruption of power supply, affecting the surrounding communities and industries. Should the no-go alternative be adopted, the expansion of Transnet operations that form part of the country's economy would not be undertaken. It will result in the overloading and interruption of the electricity supply. In addition, this would potentially inhibit the TFR's growth.

The no-go alternative was assessed not to be an option given the economic and social benefits of the proposed project, which far outweigh other identified impacts. None of the identified impacts will be realised if the no-go alternative is considered.

The construction of the authorised 15km powerline is underway, and completion of this powerline is dependent on the approval of the Section 24G application. The environment where the deviation was undertaken is already disturbed due to the existing 50kV powerline. As such, the proposed location is the preferred location for the proposed project.

SECTION H: APPENDICES

The following appendices must be attached where appropriate:

Appendix	Cross out ("X") the box if Appendix is attached
Appendix A: Location map	X
Appendix B: Site plan(s)	X
Appendix C: Owner(s) consent(s)	X
Appendix D: Photographs	X
Appendix E: Permit(s) / license(s) from any other organ of state including service letters from the municipality	X
Appendix F: Additional Impact Assessment Information	X
Appendix G: Report on alternatives	X
Appendix H: Environmental Management Programme	X
Appendix I: Records of the type and quantity of hazardous waste disposal	X

PART 2

ANNEXURE A TO THE SECTION 24G APPLICATION FORM

SECTION A: DIRECTIVE

Section 24G(1) of the National Environmental Management Act, 1998 (Act 107 of 1998) ("NEMA") provides that on application by a person who has commenced with a listed or specified activity without an environmental authorisation in contravention of section 24F(1); or a person who has commenced, undertaken or conducted a waste management activity without a waste management licence in terms of section 20(b) of the National Environmental Management: Waste Act, 2008 (Act No. 59 of 2008) ("NEM:WA") the Minister, Minister responsible for mineral resources or MEC concerned (or the official to which this power has been delegated), as the case may be, may direct the applicant to-

i	immediately cease the activity pending a decision on the application submitted in terms of this subsection
ii	investigate, evaluate and assess the impact of the activity on the environment
iii	remedy any adverse effects of the activity on the environment
iv	cease, modify or control any act, activity, process or omission causing pollution or environmental degradation
v	contain or prevent the movement of pollution or degradation of the environment
vi	eliminate any source of pollution or degradation
vii	compile a report containing-
	aa a description of the need and desirability of the activity
	bb an assessment of the nature, extent, duration and significance of the consequences for or impacts on the environment of the activity, including the cumulative effects and the manner in which the geographical, physical, biological, social, economic and cultural aspects of the environment may be affected by the proposed activity
	cc a description of mitigation measures undertaken or to be undertaken in respect of the consequences for or impacts on the environment of the activity
	dd a description of the public participation process followed during the course of compiling the report, including all comments received from interested and affected parties and an indication of how the issues raised have been addressed

	ee	an environmental management programme
viii	provide such other information or undertake such further studies as the Minister, Minister responsible for mineral resources or MEC, as the case may be, may deem necessary.	

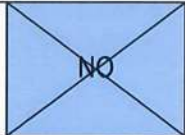
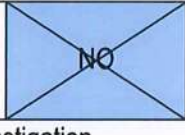
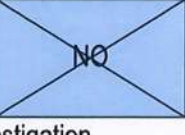
You are hereby provided with an opportunity to make representations on any or all of the abovementioned instructions, including where you are of the opinion that any of these instructions are not relevant for the purposes of your application, setting out the reasons for your assertion. Kindly note further that, after taking your representations into account, a final directive may be issued.

SECTION B: DEFERRAL

Section 24G(7) of the NEMA provides that if at any stage after the submission of an application it comes to the attention of the Minister, the Minister responsible for mineral resources or the MEC, that the applicant is under criminal investigation for the contravention of, or failure to comply with, section 24F(1) of the NEMA or section 20(b) of the NEM:WA, the Minister, Minister responsible for mineral resources or MEC may defer a decision to issue an environmental authorisation until such time as the investigation is concluded and-

- (a) the National Prosecuting Authority has decided not to institute prosecution in respect of such contravention or failure;
- (b) the applicant concerned is acquitted or found not guilty after prosecution in respect of which such contravention or failure has been instituted; or
- (c) the applicant concerned has been convicted by a court of law of an offence in respect of such contravention or failure and the applicant has in respect of the conviction exhausted all the recognised legal proceedings pertaining to appeal or review.

Kindly answer the following questions:

Are you, the applicant, being investigated for the contravention of section 24F(1) of the NEMA in respect of a matter that <u>is not subject to this application</u> and in any province in the Republic?	YES		UNCERTAIN
If yes provide details of the offence being investigated and authority conducting the investigation. If uncertain provide details of the activity or activities in relation to which you suspect you may be under investigation.			
N/A			
Are you, the applicant, being investigated for the contravention of section 20(b) of the NEMWA in respect of a matter that is <u>not subject to this application</u> and in any province in the Republic?	YES		UNCERTAIN
If yes provide details of the offence being investigated and authority conducting the investigation. If uncertain provide details of the activity or activities in relation to which you suspect you may be under investigation.			
N/A			
Are you, the applicant, being investigated for an offence in terms of section 24F(1) of the NEMA or section 20(b) of the NEMWA <u>in terms of which this application directly relates?</u>	YES		UNCERTAIN
If yes provide details of the offence being investigated and authority conducting the investigation. If uncertain provide details of the activity or activities in relation to which you suspect you may be under investigation.			

If you have answered yes to any of the above questions, you are hereby provided with an opportunity to make representations as to why the Minister, Minister responsible for mineral resources or MEC, as the case may be, should not defer the application as he or she is entitled to do under section 24G(7).

SECTION C: QUANTUM OF THE SECTION 24G FINE

Section 24G(4) of the NEMA makes it mandatory for an applicant to pay an administrative fine as determined by the competent authority before the Minister, Minister responsible for mineral resource or MEC may take a decision on whether or not to grant *ex post facto* environmental authorisation or a waste management licence as the case may be. The quantum of this fine may not exceed R5 million.

Having regard to the factors listed below, you are hereby afforded with an opportunity to make representations in respect of the quantum of the fine and as to why the competent authority should not issue a maximum fine of R5 million.

Please note that Part 1 of this section must be completed by an independent environmental assessment practitioner after conducting the necessary specialist studies.

Please also include in your representations whether or not the activities applied for in this application (if more than 1) are in your view interrelated and provide reasons therefor.

PART 1: THE IMPACTS OR POTENTIAL IMPACTS OF THE ACTIVITY/ACTIVITIES

Index	Socio Economic Impact	Place an "x" in the appropriate box
Description of variable		
	The activity is not giving, has not given and will not give rise to any negative socio-economic impacts	<input checked="" type="checkbox"/>
	The activity is giving, has given, or could give rise to negative socio-economic impacts, but highly localized	<input type="checkbox"/>
	The activity is giving, has given, or could give rise to significant negative socio-economic and regionalized impacts	<input type="checkbox"/>
	The activity is resulting, has resulted or could result in wide-scale socio-economic impacts.	<input type="checkbox"/>
Motivation: No complaints were received from the community members regarding the bypass construction activities. However, the construction of the bypass resulted in positive socio-economic impacts as the demand for equipment, building material, and labour increased. Secondary service provision such as food supply, toilet hire, equipment maintenance, and many more items also stimulated the local economy, especially during construction.		

Index	Biodiversity Impact	Place an "x" in the appropriate box
Description of variable		
	The activity is not giving, has not given and will not give rise to any impacts on biodiversity	<input type="checkbox"/>
	The activity is not giving, has not given and could give rise to localised biodiversity impacts	<input checked="" type="checkbox"/>
	The activity is not giving, has not given and could give rise to significant biodiversity impacts	<input type="checkbox"/>
	The activity is, has or is likely to permanently / irreversibly transform/ destroy a recognised biodiversity 'hot-spot' or threaten the existence of a species or sub-species.	<input type="checkbox"/>
Motivation:		

The local biodiversity was slightly impacted upon by the construction of the bypass powerline. Vegetation clearance was limited to the construction footprint. The impact on biodiversity was low and localized. The vegetation clearance and management of the bypass was undertaken in line with the approved EMP requirements.

Index	Sense of Place Impact and / or Heritage Impact	Place an "x" in the appropriate box
Description of variable		
	The activity is in keeping with the surrounding environment and / or does not negatively impact on the affected area's sense of place and /or heritage	
	The activity is not in keeping with the surrounding environment and will have a localised impact on the affected area's sense of place and/or heritage	X
	The activity is not in keeping with the surrounding environment and will have a significant impact on the affected area's sense of place and/ or heritage	
	The activity is completely out of keeping with the surrounding environment and will have a significant impact on the affected area's sense of place and/ or heritage	
<p>The construction of the bypass powerline slightly impacted the sense of heritage. According to the preliminary heritage specialist study, two archaeological sites containing isolated tools have been identified on the bypass powerline route. No cultural or historically significant elements have been unearthed during construction to date. The impact on areas identified as heritage was low and localized.</p>		

Index	Pollution Impact	Place an "x" in the appropriate box
Description of variable		
	The activity is not giving, has not given and will not give rise to any pollution	X
	The activity is giving, has given or could give rise to pollution with low impacts.	
	The activity is giving, has given or could give rise to pollution with moderate impacts.	
	The activity is giving, has given or could give rise to pollution with high impacts.	
	The activity is giving, has given or could give rise to pollution with major impacts.	
<p>Motivation: The activity generated both solid and effluent waste. The waste was properly stored and disposed at registered facilities and thus there was no pollution.</p>		

PART 2: COMPLIANCE HISTORY AND KNOWLEDGE OF THE APPLICANT

Index	Previous administrative action (i.e. administrative enforcement notices) issued to the applicant in respect of a contravention of section 24F(1) of the National Environmental Management Act and/or section 20(b) of the National Environmental Management Waste Act	Place an "x" in the appropriate box
Description of variable		
	Administrative action was previously taken against the applicant in respect of the abovementioned provisions.	

No previous administrative action was taken against the applicant but previous administrative action was taken against a firm(s) on whose board one or more of the applicant's directors sit or sat at the relevant time when the administrative action was taken.	
Administrative action was not previously taken against the applicant in respect of the abovementioned provisions.	<input checked="" type="checkbox"/>
Explanation of all previous administrative action taken in respect of the above: N/A	

Index	Previous Convictions in terms of section 24F(1) of the National Environmental Management Act and/or section 20(b) of the National Environmental Management Waste Act	Place an "x" in the appropriate box
Description of variable		
	The applicant was previously convicted in terms of either or both of the abovementioned provisions.	<input type="checkbox"/>
	No previous convictions have been secured against the applicant but a conviction has been secured against a firm(s) on whose board one or more of the applicant's directors sit or sat; or a conviction was secured against a director of the applicant in his or her personal capacity.	<input type="checkbox"/>
	The applicant has not previously been convicted in terms of either or both of the abovementioned provisions.	<input checked="" type="checkbox"/>
Explanation of all previous convictions in respect of the above: N/A		

Index	Number of section 24G applications previously submitted by the applicant	Place an "x" in the appropriate box
Description of variable		
	Previous applications in terms of section 24G of NEMA were submitted by the applicant.	<input type="checkbox"/>
	No previous applications have been submitted by the applicant but a previous application(s) have been submitted by a firm(s) on whose board one or more of the applicant's directors sit or sat at the relevant time.	<input type="checkbox"/>
	No previous applications have been submitted by the applicant but the applicant sat on the board of a firm that previously submitted an application.	<input type="checkbox"/>
Explanation in respect of all previous applications submitted in terms of section 24G: no previous Section 24G applications have been submitted by the applicant.		

PART 3: APPLICANT'S PERSONAL CIRCUMSTANCES

Index	Applicant's legal persona	Place an "x" in the appropriate
Description of variable		
		<input type="checkbox"/>

	box
The applicant is a natural person.	
The applicant is a firm.	
Describe the firm: Transnet SOC Limited	

Index	Any other relevant information that the applicant would like to be considered.
Motivate and explain fully: None	

NOTE: An explanation as to why the applicant did not obtain an environmental authorisation and/or waste management licence must be attached to this application.

SECTION D: ADVERTISEMENT

When submitting this application form, the applicant must submit proof that the application has been advertised in at least one local newspaper in circulation in the area in which the activity was commenced, in the relevant provincial gazette and on the applicant's website, if any.

The advertisement must state that the applicant commenced a listed or specified activity or activities or waste management activity or activities without the necessary environmental authorisation and/or waste management licence and is now applying for *ex post facto* approval. It must include the following:

- the date;
- the location;
- the applicable legislative provision contravened; and
- the activity or activities commenced with without the required authorisation.

Interested and affected parties must be provided with the details of where they can submit their comment and/or register as an interested and affected party.

NOTE: Unless protected by law, all information contained in and attached to this application form may become public information on receipt by the competent authority. This application must be attached to any documentation or information submitted by an applicant further to section 24G (1).

PART 3

SECTION A: DECLARATIONS

A1: Declarations of the EAP

1. The Independent Environmental Assessment Practitioner

I, Munyadziwa Rikhotso do hereby make oath and say that I –

- a. act as the independent environmental assessment practitioner in this application;

- b. do not have and will not have any financial interest in the undertaking of the activity, other than remuneration for work performed in terms of the S24G of the National Environmental Management Act, read together with the relevant Environmental Impact Assessment Regulations;
- c. do not have, and will not have, a vested interest in the proposed activity proceeding;
- d. have no, and will not engage in, conflicting interests in the undertaking of the activity;
- e. undertake to disclose to the competent authority any material information that has, or may have, the potential to influence the decision of the competent authority or the objectivity of any report, plan or document required in terms of the S24G of the National Environmental Management Act, read together with the Environmental Impact Assessment Regulations, 2006;
- f. will ensure that all documents contain all relevant facts in respect of the application and that all documentation is timeously distributed or made available to interested and affected parties. I will ensure 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 for this application;
- g. 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;
- h. 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 or not such information is favourable to the applicant.


 Signature of the environmental assessment practitioner:

Nsovo Environmental Consulting
 Name of company:

04/05/2022
 Date:


 Signature of the Commissioner of Oaths:

04/05/2022
 Date:

Ex Officio: Commissioner of oaths
 Designation:

Official stamp (below)

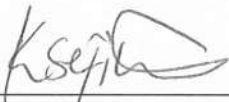
MBAVHALELO NGOBENI
 29 IMPALA ROAD, CHISLEHURSTON
 ATTORNEY ADMITTED IN TERMS OF THE
 ADMISSION OF ATTORNEYS ACT, 1979
 (ACT 53 OF 1979)
 EX OFFICIO COMMISSIONER OF OATHS
 AREA: R S A

A2: Declarations of the Applicant

2. **The Applicant**

I, Karabo Sefike, do hereby make oath and say that: -

- a. I am the applicant in this application / duly authorised by the applicant to complete and submit this application.
- b. The information contained in Part 1 and Part 2 of this application form (including annexures thereto) is within my own personal knowledge and is true.
- c. I appointed the environmental assessment practitioner as indicated under A1 above to act as the independent environmental assessment practitioner for this application.
- d. Undertake to provide the environmental assessment practitioner and the competent authority with access to all information at my disposal that is relevant to the application.
- e. Am responsible for complying with the directive or conditions of any environmental authorisation issued by the competent authority.
- f. Understand that I will be required to pay an administration fine in terms of S24G(4) of the Act and that a decision in this regard will only be forthcoming after payment of such a fine and deferral (where applicable); and
- g. Hereby indemnify, the government of the Republic, the competent authority and all its officers, agents and employees, from any liability arising out of the content of any report, any procedure or any action for which the applicant or environmental assessment practitioner is responsible in terms of the Act.




Signature of the applicant:

Transnet SOC Limited

Name of company:

12 April 2022

Date:



216004J CSJ
T. JANZIES

Signature of the Commissioner of Oaths:

2022-04-12

Date:

CONSTABLE

Designation:

Official stamp (below):



NOTE: Unless protected by law, all information contained in and attached to this application form may become public information on receipt by the competent authority. Upon request, any interested and affected party must be provided with the information contained in and attached to this application form.

Department	Telephone	Fax	Postal address & e-mail
National Department Environmental Affairs and Tourism	(012) 310 3230	(012) 320-7539	Private Bag X447 Pretoria South Africa 0001
Free State Department of Economic Development, Tourism and Environmental Affairs	(051) 400 9535 0827894468	(051) 400 9538	Private Bag X20801 BLOEMFONTEIN 9300 boing@dteea.fs.gov.za
Eastern Cape Department of			
Gauteng Department of Agriculture and Rural Development	(011) 355 1885 (011) 355 1644	(011) 355 1850 (011) 355 1000	P.O. Box 8769 JOHANNESBURG 2000 Green.scorpions@gauteng.gov.za
Kwazulu-Natal Department of Agriculture & Environmental Affairs	(033) 3559427	(033) 355 9614	Private Bag X9059 PIETERMARITZBURG 3200 Christian.Tham@kzndae.gov.za
Limpopo Department of Economic Development, Environment and Tourism	(015) 290 7000 (015) 295 4013	(015) 295 5015	P O Box 55464 POLOKWANE 0700
Mpumalanga Department of Economic Development, Environment and Tourism	(013) 766 6059 082 054 349	(013) 766 8243	Private Bag X 11219 NELSPRUIT 1200
Northern Cape Department of Environment & Nature Conservation	(053) 807 7430	053 831 3530	Private Bag X6102 KIMBERLEY 8300
North West Dept. of Agriculture, Conservation,	(018) 389 5995 (082) 901 8362	(018) 389 5006	Private Bag X2039 MMABATHO 2735

Environment & Rural Development			mnkosi@nwpg.gov.za
Western Cape Dept. of Environmental Affairs & Development Planning	(021) 483 4093 (021) 483 3722 (044) 805 8781	(021) 483 4372 (021) 483 3633 (044) 874 2423	Private Bag X 9086 CAPE TOWN 8000

Department	Telephone	Fax	Postal address
National Department Environmental Affairs and Tourism	0800 205 005	(031) 560 7995	Private Bag X447 Pretoria South Africa 0001 pi@toanon.co.za
Eastern Cape Department	082 417 0155		
Free State Department of Tourism, Environmental and Economic Affairs	082 789 4468	(051) 400 4772	Private Bag X20801 BLOEMFONTEIN 9300
Gauteng Department of Agriculture and Rural Development	(011) 355 1440	(011) 355 1850	P.O. Box 8769 JOHANNESBURG 2000 Green.scorpions@gauteng.gov.za
Kwazulu-Natal Department of Agriculture & Environmental Affairs	(033) 355 9427	(033) 355 9614	Private Bag X9059 PIETERMARITZBURG 3200 Christian.Tham@kzndae.gov.za
Limpopo Department of Economic Development, Environment and Tourism	015 295 3980	015 295 4869	P O Box 55464 POLOKWANE 0700
Mpumalanga Department of Economic Development, Environment and Tourism	013 766 6077 084 520 3680	(013) 766 8243	Private Bag X 11219 NELSPRUIT 1200
Northern Cape Department of Environment & Nature Conservation	(053) 807 7430 (053) 807 7300		Private Bag 6102 KIMBERLEY 8300
North West Dept. of Agriculture, Conservation, Environment &	(018) 389 5995	018 389 5006	Private Bag X2039 MMABATHO

Rural Development	(018) 389 5698		2735 mnkosi@nwpg.gov.za cwessels@nwpg.gov.za
Western Cape Dept. of Environmental Affairs & Development Planning	(021) 483 3197 (021) 483 4363	(021) 483 4440	Private Bag X 9086 CAPE TOWN 8000