



**Western Cape
Government**

Development Planning

Draft BASIC ASSESSMENT REPORT

THE NATIONAL ENVIRONMENTAL MANAGEMENT ACT, 1998 (ACT NO. 107 OF 1998) AND THE ENVIRONMENTAL IMPACT ASSESSMENT REGULATIONS.

APRIL 2024



BASIC ASSESSMENT REPORT

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THE ENVIRONMENTAL IMPACT ASSESSMENT REGULATIONS.**

APRIL 2024

(For official use only)	
Pre-application Reference Number (if applicable):	
EIA Application Reference Number:	
NEAS Reference Number:	
Exemption Reference Number (if applicable):	
Date BAR received by Department:	
Date BAR received by Directorate:	
Date BAR received by Case Officer:	

GENERAL PROJECT DESCRIPTION

(This must Include an overview of the project including the Farm name/Portion/Erf number)

**THE PROPOSED INSTALLING OF NEW GABION BASKETS AND MAINTENANCE
WORK AT CULVERT C10432 AND AT BRIDGE 0496, DIVISIONAL ROAD 1489 IN DE
DOORNS**

IMPORTANT INFORMATION TO BE READ PRIOR TO COMPLETING THIS BASIC ASSESSMENT REPORT

1. **The purpose** of this template is to provide a format for the Basic Assessment report as set out in Appendix 1 of the National Environmental Management Act, 1998 (Act No. 107 of 1998) ("NEMA"), Environmental Impact Assessment ("EIA") Regulations, 2014 (as amended) in order to ultimately obtain Environmental Authorisation.
2. The Environmental Impact Assessment ("EIA") Regulations is defined in terms of Chapter 5 of the National Environmental Management Act, 1998 (Act No. 107 of 1998) ("NEMA") hereinafter referred to as the "NEMA EIA Regulations".

3. *Submission of documentation, reports and other correspondence:*

The Department has adopted a digital format for corresponding with proponents/applicants or the general public. If there is a conflict between this approach and any provision in the legislation, then the provisions in the legislation prevail. If there is any uncertainty about the requirements or arrangements, the relevant Competent Authority must be consulted.

The Directorate: Development Management has created generic e-mail addresses for the respective Regions, to centralise their administration. Please make use of the relevant general administration e-mail address below when submitting documents:

DEADPEIAAdmin@westerncape.gov.za

Directorate: Development Management (Region 1):
City of Cape Town; West Coast District Municipal area;
Cape Winelands District Municipal area and Overberg District Municipal area.

DEADPEIAAdmin.George@westerncape.gov.za

Directorate: Development Management (Region 3):
Garden Route District Municipal area and Central Karoo District Municipal area

General queries must be submitted via the general administration e-mail for EIA related queries. Where a case-officer of DEA&DP has been assigned, correspondence may be directed to such official and copied to the relevant general administration e-mail for record purposes.

All correspondence, comments, requests and decisions in terms of applications, will be issued to either the applicant/requester in a digital format via email, with digital signatures, and copied to the Environmental Assessment Practitioner ("EAP") (where applicable).

4. The required information must be typed within the spaces provided in this Basic Assessment Report ("BAR"). The sizes of the spaces provided are not necessarily indicative of the amount of information to be provided.
5. All applicable sections of this BAR must be completed.
6. Unless protected by law, all information contained in, and attached to this BAR, will become public information on receipt by the Competent Authority. If information is not submitted with this BAR due to such information being protected by law, the applicant and/or Environmental Assessment Practitioner ("EAP") must declare such non-disclosure and provide the reasons for believing that the information is protected.
7. This BAR is current as of **April 2024**. It is the responsibility of the Applicant/ EAP to ascertain whether subsequent versions of the BAR have been released by the Department. Visit this Department's website at <http://www.westerncape.gov.za> to check for the latest version of this BAR.

8. This BAR is the standard format, which must be used in all instances when preparing a BAR for Basic Assessment applications for an environmental authorisation in terms of the NEMA EIA Regulations when the Western Cape Government Department of Environmental Affairs and Development Planning ("DEA&DP") is the Competent Authority.
9. Unless otherwise indicated by the Department, one hard copy and one electronic copy of this BAR must be submitted to the Department at the postal address given below or by delivery thereof to the Registry Office of the Department. Reasonable access to copies of this Report must be provided to the relevant Organs of State for consultation purposes, which may, if so indicated by the Department, include providing a printed copy to a specific Organ of State.
10. This BAR must be duly dated and originally signed by the Applicant, EAP (if applicable) and Specialist(s) and must be submitted to the Department at the details provided below.
11. The Department's latest Circulars pertaining to the "One Environmental Management System" and the EIA Regulations, any subsequent Circulars, and guidelines must be taken into account when completing this BAR.
12. Should a water use licence application be required in terms of the National Water Act, 1998 (Act No. 36 of 1998) ("NWA"), the "One Environmental System" is applicable, specifically in terms of the synchronisation of the consideration of the application in terms of the NEMA and the NWA. Refer to this Department's Circular EADP 0028/2014: One Environmental Management System.
13. Where Section 38 of the National Heritage Resources Act, 1999 (Act No. 25 of 1999) ("NHRA") is triggered, a copy of Heritage Western Cape's final comment must be attached to the BAR.
14. The Screening Tool developed by the National Department of Environmental Affairs must be used to generate a screening report. Please use the Screening Tool link <https://screening.environment.gov.za/screeningtool> to generate the Screening Tool Report. The screening tool report must be attached to this BAR.
15. Where this Department is also identified as the Licencing Authority to decide on applications under the National Environmental Management: Air Quality Act (Act No. 29 of 2004) ('NEM:AQA'), the submission of the Report must also be made as follows, for-
Waste Management Licence Applications, this report must also (i.e., another hard copy and electronic copy) be submitted for the attention of the Department's Waste Management Directorate (Tel: 021-483-2728/2705 and Fax: 021-483-4425) at the same postal address as the Cape Town Office.

Atmospheric Emissions Licence Applications, this report must also be (i.e., another hard copy and electronic copy) submitted for the attention of the Licensing Authority or this Department's Air Quality Management Directorate (Tel: 021 483 2888 and Fax: 021 483 4368) at the same postal address as the Cape Town Office.

DEPARTMENTAL DETAILS

CAPE TOWN OFFICE: DIRECTORATE: DEVELOPMENT MANAGEMENT (REGION 1) (City of Cape Town, West Coast District, Cape Winelands District & Overberg District)	GEORGE REGIONAL OFFICE: DIRECTORATE: DEVELOPMENT MANAGEMENT (REGION 3) (Central Karoo District & Garden Route District)
The completed Form must be sent via electronic mail to: DEADPEIAAdmin@westerncape.gov.za Queries should be directed to the Directorate: Development Management (Region 1) at: E-mail: DEADPEIAAdmin@westerncape.gov.za Tel: (021) 483-5829 Western Cape Government Department of Environmental Affairs and Development Planning Attention: Directorate: Development Management (Region 1) Private Bag X 9086 Cape Town, 8000	The completed Form must be sent via electronic mail to: DEADPEIAAdmin.George@westerncape.gov.za Queries should be directed to the Directorate: Development Management (Region 3) at: E-mail: DEADPEIAAdmin.George@westerncape.gov.za Tel: (044) 814-2006 Western Cape Government Department of Environmental Affairs and Development Planning Attention: Directorate: Development Management (Region 3) Private Bag X 6509 George, 6530

MAPS

Provide a location map (see below) as Appendix A1 to this BAR that shows the location of the proposed development and associated structures and infrastructure on the property.	
Locality Map:	The scale of the locality map must be at least 1:50 000. For linear activities or development proposals of more than 25 kilometres, a smaller scale e.g., 1:250 000 can be used. The scale must be indicated on the map. The map must indicate the following: • an accurate indication of the project site position as well as the positions of the alternative sites, if any; • road names or numbers of all the major roads as well as the roads that provide access to the site(s) • a north arrow; • a legend; and • a linear scale. For ocean based or aquatic activity, the coordinates must be provided within which the activity is to be undertaken and a map at an appropriate scale clearly indicating the area within which the activity is to be undertaken. Where comment from the Western Cape Government: Transport and Public Works is required, a map illustrating the properties (owned by the Western Cape Government: Transport and Public Works) that will be affected by the proposed development must be included in the Report.
Provide a detailed site development plan / site map (see below) as Appendix B1 to this BAR; and if applicable, all alternative properties and locations.	
Site Plan:	Detailed site development plan(s) must be prepared for each alternative site or alternative activity. The site plans must contain or conform to the following: • The detailed site plan must preferably be at a scale of 1:500 or at an appropriate scale. The scale must be clearly indicated on the plan, preferably together with a linear scale. • The property boundaries and numbers of all the properties within 50m of the site must be indicated on the site plan. • On land where the property has not been defined, the co-ordinates of the area in which the proposed activity or development is proposed must be provided. • The current land use (not zoning) as well as the land use zoning of each of the adjoining properties must be clearly indicated on the site plan. • The position of each component of the proposed activity or development as well as any other structures on the site must be indicated on the site plan. • Services, including electricity supply cables (indicate aboveground or underground), water supply pipelines, boreholes, sewage pipelines, storm water infrastructure and access roads that will form part of the proposed development must be clearly indicated on the site plan. • Servitudes and an indication of the purpose of each servitude must be indicated on the site plan.

	• Sensitive environmental elements within 100m of the site must be included on the site plan, including (but not limited to): ◦ Watercourses / Rivers / Wetlands ◦ Flood lines (i.e., 1:100 year, 1:50 year and 1:10 year where applicable); ◦ Coastal Risk Zones as delineated for the Western Cape by the Department of Environmental Affairs and Development Planning ("DEA&DP"): ◦ Ridges; ◦ Cultural and historical features/landscapes; ◦ Areas with indigenous vegetation (even if degraded or infested with alien species). • Whenever the slope of the site exceeds 1:10, a contour map of the site must be submitted. • North arrow A map/site plan must also be provided at an appropriate scale, which superimposes the proposed development and its associated structures and infrastructure on the environmental sensitivities of the preferred and alternative sites indicating any areas that should be avoided, including buffer areas.
Site photographs	Colour photographs of the site that shows the overall condition of the site and its surroundings (taken on the site and taken from outside the site) with a description of each photograph. 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 a recent aerial photograph. Photographs must be attached to this BAR as Appendix C. The aerial photograph(s) should be supplemented with additional photographs of relevant features on the site. Date of photographs must be included. Please note that the above requirements must be duplicated for all alternative sites.
Biodiversity Overlay Map:	A map of the relevant biodiversity information and conditions must be provided as an overlay map on the property/site plan. The Map must be attached to this BAR as Appendix D.
Linear activities or development and multiple properties	GPS co-ordinates must be provided in degrees, minutes and seconds using the Hartebeeshoek 94 WGS84 co-ordinate system. Where numerous properties/sites are involved (linear activities) you must attach a list of the Farm Name(s)/Portion(s)/Erf number(s) to this BAR as an Appendix. For linear activities that are longer than 500m, please provide a map with the co-ordinates taken every 100m along the route to this BAR as Appendix A3.

ACRONYMS

DAFF:	Department of Forestry and Fisheries
DEA:	Department of Environmental Affairs
DEA& DP:	Department of Environmental Affairs and Development Planning
DHS:	Department of Human Settlement
DoA:	Department of Agriculture
DoH:	Department of Health
DWS:	Department of Water and Sanitation
EMPr:	Environmental Management Programme
HWC:	Heritage Western Cape
NFEPA:	National Freshwater Ecosystem Protection Assessment
NSBA:	National Spatial Biodiversity Assessment
TOR:	Terms of Reference
WCBSP:	Western Cape Biodiversity Spatial Plan
WCG:	Western Cape Government

ATTACHMENTS

Note: The Appendices must be attached to the BAR as per the list below. Please use a ✓ (tick) or a x (cross) to indicate whether the Appendix is attached to the BAR.

The following checklist of attachments must be completed.

APPENDIX			✓ (Tick) or x (cross)
Appendix A:	Maps		
	Appendix A1:	Locality Map	✓
	Appendix A2:	Coastal Risk Zones as delineated in terms of ICMA for the Western Cape by the Department of Environmental Affairs and Development Planning	
	Appendix A3:	Map with the GPS co-ordinates for linear activities	
Appendix B:	Appendix B1:	Site development plan(s)	✓
	Appendix B2	A map of appropriate scale, which superimposes the proposed development and its associated structures and infrastructure on the environmental sensitivities of the preferred site, indicating any areas that should be avoided, including buffer areas;	✓
Appendix C:	Photographs		✓
Appendix D:	Biodiversity overlay map		✓ (See Appendix B2)
Appendix E:	Permit(s) / license(s) / exemption notice, agreements, comments from State Department/Organs of state and service letters from the municipality.		
	Appendix E1:	Final comment/ROD from HWC	
	Appendix E2:	Copy of comment from Cape Nature	
	Appendix E3:	Final Comment from the DWS	
	Appendix E4:	Comment from the DEA: Oceans and Coast	
	Appendix E5:	Comment from the DAFF	
	Appendix E6:	Comment from WCG: Transport and Public Works	
	Appendix E7:	Comment from WCG: DoA	

	Appendix E8:	Comment from WCG: DHS	
	Appendix E9:	Comment from WCG: DoH	
	Appendix E10:	Comment from DEA&DP: Pollution Management	
	Appendix E11:	Comment from DEA&DP: Waste Management	
	Appendix E12:	Comment from DEA&DP: Biodiversity	
	Appendix E13:	Comment from DEA&DP: Air Quality	
	Appendix E14:	Comment from DEA&DP: Coastal Management	
	Appendix E15:	Comment from the local authority	
	Appendix E16:	Confirmation of all services (water, electricity, sewage, solid waste management)	
	Appendix E17:	Comment from the District Municipality	
	Appendix E18:	Copy of an exemption notice	
	Appendix E19	Pre-approval for the reclamation of land	
	Appendix E20:	Proof of agreement/TOR of the specialist studies conducted.	
	Appendix E21:	Proof of land use rights	
	Appendix E22:	Proof of public participation agreement for linear activities	
Appendix F:	Public participation information: including a copy of the register of I&APs, the comments and responses Report, proof of notices, advertisements and any other public participation information as is required.		✓
Appendix G:	Specialist Report(s)		✓
Appendix H:	EMPr		✓
Appendix I:	Screening tool report		✓
Appendix J:	The impact and risk assessment for each alternative		✓

Appendix K:	Need and desirability for the proposed activity or development in terms of this Department's guideline on Need and Desirability (March 2013)/DEA Integrated Environmental Management Guideline	
Appendix.....	Any other attachments must be included as subsequent appendices	

SECTION A: ADMINISTRATIVE DETAILS

Highlight the Departmental Region in which the intended application will fall	CAPE TOWN OFFICE: REGION 1		GEORGE OFFICE: REGION 3
	{City of Cape Town, West Coast District}	(Cape Winelands District & Overberg District)	{Central Karoo District & Garden Route District}
Duplicate this section where there is more than one Proponent	Western Cape Department of Infrastructure		
Name of Applicant/Proponent:	Bernhard Botes		
Name of contact person for Applicant/Proponent (if other):			
Company/ Trading name/State Department/Organ of State:			
Company Registration Number:			
Postal address:	P. O. Box 2603 CAPE TOWN		
		Postal code: 8000	
Telephone: ()		Cell: 082 524 8489	
E-mail:	Bernhard.botes@westerncape.gov.za		Fax: ()
Company of EAP:	EnviroAfrica cc		
EAP name:	Maboee Nthejane		
Postal address:	2022/4942		
	Postnet Suite 341, Private Bag X29, SOMERSET WEST		Postal code: 7129
Telephone:	(021) 851 1616		Cell:
E-mail:	maboee@enviroafrica.co.za		Fax: ()
Qualifications:	MSc in Botany (Plant ecology)		
EAP registration no:			
Duplicate this section where there is more than one landowner			
Name of landowner:	Same as Applicant		
Name of contact person for landowner (if other):			
Postal address:			
		Postal code:	
Telephone: ()		Cell:	
E-mail:		Fax: ()	
Name of Person in control of the land:	Same as Applicant		
Name of contact person for person in control of the land:			
Postal address:			
		Postal code:	
Telephone: ()		Cell:	
E-mail:		Fax: ()	
Duplicate this section where there is more than one Municipal Jurisdiction			
Municipality in whose area of jurisdiction the proposed activity will fall:	Breede Valley Local Municipality		
Contact person:	David McThomas		
Postal address:	Private Bag X3046 WORCESTER		
		Postal code: 6489	
Telephone:	(023) 348 2600		Cell:
E-mail:	mm@bvm.gov.za		Fax: ()

SECTION B: CONFIRMATION OF SPECIFIC PROJECT DETAILS AS INCLUDED IN THE APPLICATION FORM

1.	Is the proposed development (please tick):	New	Yes	Expansion	
2.	Is the proposed site(s) a brownfield of greenfield site? Please explain.				
The proposed site for the gabion basket that is to be installed to protect the Pier1 footing of Bridge 0496 from further undercutting by the Hex River has not yet been developed and therefore constitutes a greenfield. The existing erosion protection wall on the outer bank of the Rooi-Elskloof River at Culvert 10432 will be added to by means of a new gabion basket. The proposed site therefore constitutes a brownfield					
3.	For Linear activities or developments				
3.1.	Provide the Farm(s)/Farm Portion(s)/Erf number(s) for all routes:				
3.2.	Development footprint of the proposed development for all alternatives.				m ²
3.3.	Provide a description of the proposed development (e.g. for roads the length, width and width of the road reserve in the case of pipelines indicate the length and diameter) for all alternatives.				
3.4.	Indicate how access to the proposed routes will be obtained for all alternatives.				
3.5.	SG Digit codes of the Farms/Farm Portions/Erf numbers for all alternatives				
3.6.	Starting point co-ordinates for all alternatives				
	Latitude (S)				
	Longitude (E)				
	Middle point co-ordinates for all alternatives				
	Latitude (S)				
	Longitude (E)				
	Latitude (S)				
	Longitude (E)				
	End point co-ordinates for all alternatives				
	Latitude (S)				
	Longitude (E)				
Note: For Linear activities or developments longer than 500m, a map indicating the co-ordinates for every 100m along the route must be attached to this BAR as Appendix A3.					
4.	Other developments				
4.1.	Property size(s) of all proposed site(s):				
4.2.	Developed footprint of the existing facility and associated infrastructure (if applicable):				m ²
4.3.	Development footprint of the proposed development and associated infrastructure size(s) for all alternatives:				New gabion basket at culvert ≈50m ² New gabion basket at

		bridge ≈50m ²
4.4.	Provide a detailed description of the proposed development and its associated infrastructure (This must include details of e.g. buildings, structures, infrastructure, storage facilities, sewage/effluent treatment and holding facilities).	
The proposed development entails establishing additional erosion protection infrastructure at Culvert 10432 and at Bridge 0496 along the DR1489 Road in De Doorns.		
The work to be conducted at Culvert 10432 is the following:		
Install a gabion basket of approximately 10m³ in size to extend the existing retaining wall in an upstream direction for further erosion protection of the outer stream bank at the culvert.		
The geographic coordinates for the location of the culvert are (33°28'41.29"S, 19°37'6.22")		
The work to be conducted at Bridge 0496 is the following:		
Install a gabion basket of approximately 8m³ in size to protect the Pier 1 footing of the bridge from further undercutting as a result of stream flow		
The geographic coordinates for the location of the bridge are (33°28'56.58"S, 19°37'16.69"E)		
4.5.	Indicate how access to the proposed site(s) will be obtained for all alternatives.	
The proposed site will be accessed via the DR1489 Road in De Doorns		
4.6.	SG Digit code(s) of the proposed site(s) for all alternatives:	
4.7.	Coordinates of the proposed site(s) for all alternatives:	
	Culvert 10432	
	Latitude (S)	33° 28' 41.29"
	Longitude (E)	19° 37' 6.22"
	Bridge 0496	
	Latitude (S)	33° 28' 56.58"
	Longitude (E)	19° 37' 16.69 "

SECTION C: LEGISLATION/POLICIES AND/OR GUIDELINES/PROTOCOLS

1. Exemption applied for in terms of the NEMA and the NEMA EIA Regulations

Has exemption been applied for in terms of the NEMA and the NEMA EIA Regulations. If yes, include a copy of the exemption notice in Appendix E18.	YES	NO
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2. Is the following legislation applicable to the proposed activity or development.

The National Environmental Management: Integrated Coastal Management Act, 2008 (Act No. 24 of 2008) ("ICMA"). If yes, attach a copy of the comment from the relevant competent authority as Appendix E4 and the pre-approval for the reclamation of land as Appendix E19.	YES	NO
The National Heritage Resources Act, 1999 (Act No. 25 of 1999) ("NHRA"). If yes, attach a copy of the comment from Heritage Western Cape as Appendix E1.	YES	NO
The National Water Act, 1998 (Act No. 36 of 1998) ("NWA"). If yes, attach a copy of the comment from the DWS as Appendix E3.	YES	NO
The National Environmental Management: Air Quality Act, 2004 (Act No. 39 of 2004) ("NEM: AQA"). If yes, attach a copy of the comment from the relevant authorities as Appendix E13.	YES	NO
The National Environmental Management Waste Act (Act No. 59 of 2008) ("NEM: WA")	YES	NO
The National Environmental Management Biodiversity Act, 2004 (Act No. 10 of 2004 ("NEMBA").	YES	NO
The National Environmental Management: Protected Areas Act, 2003 (Act No. 57 of 2003) ("NEMPAA").	YES	NO
The Conservation of Agricultural Resources Act, 1983 (Act No. 43 of 1983). If yes, attach comment from the relevant competent authority as Appendix E5.	YES	NO

3. Other legislation

List any other legislation that is applicable to the proposed activity or development.

4. Policies

Explain which policies were considered and how the proposed activity or development complies and responds to these policies.

5. Guidelines

List the guidelines which have been considered relevant to the proposed activity or development and explain how they have influenced the development proposal.
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- | |
|--|
| <ul style="list-style-type: none">• Guideline on Environmental Management Plans- this Guideline has influenced how the EMPR attached to this Draft BAR has been compiled.• Guideline on Public Participation- This Guideline has influenced the type of public participation process to be followed• Guideline for involving Heritage Specialists in EIA processes- The appointed heritage impact specialist has been requested to make use of the Guideline in compiling the specialist input that Heritage Western Cape commented on in Appendix E1.• Guideline for involving Biodiversity Specialists in EIA processes- The appointed terrestrial biodiversity specialist has been requested to make use of the Guideline when compiling the terrestrial biodiversity study report• Guideline for involving Freshwater Specialists in EIA processes- The appointed freshwater specialist has been requested to make use of the Guideline when compiling the terrestrial biodiversity study report |
| |

6. Protocols

Explain how the proposed activity or development complies with the requirements of the protocols referred to in the NOI and/or application form

A DFFE Screening Tool Report was generated that lists the specialist studies recommended for the proposed development. In addition, a Site Sensitivity Verification Report ("SSVR") has been compiled in which the appointed EAP confirms the relevance of certain specialist studies and disputes the relevance of other specialist studies listed in the Screening Tool Report. The EAP has provided motivation each time the relevance of a particular specialist study is disputed in the SSVR.

The relevant specialist professionals s have been appointed to conduct the specialist studies that the EAP has confirmed are relevant.
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All this was done in order to comply with the " <i>Protocols</i> ".

SECTION D: APPLICABLE LISTED ACTIVITIES

List the applicable activities in terms of the EIA Regulations

Activity No(s):	Provide the relevant Basic Assessment Activity(ies) as set out in Listing Notice 1	Describe the portion of the proposed development to which the applicable listed activity relates.
Item 19	<i>"The infilling or depositing of any material of more than 5 cubic metres into, or the dredging, excavation, removal or moving of soil, sand, shells, shell grit, pebbles or rock of more than 5 cubic metres from—</i> <i>(i) the seashore;</i> <i>(ii) the littoral active zone, an estuary or a distance of 100 metres inland of the highwater mark of the sea or an estuary, whichever distance is the greater; or</i> <i>(iii) the sea; —</i> <i>but excluding where such infilling, depositing, dredging, excavation, removal or moving—</i> <i>(f) will occur behind a development setback;</i> <i>(g) is for maintenance purposes undertaken in accordance with a maintenance management plan;</i> <i>(h) falls within the ambit of activity 21 in this Notice, in which case that activity applies;</i> <i>(i) occurs within existing ports or harbours that will not increase the development footprint of the port or harbour; or where such development is related to the development of a port or harbour, in which case activity 26 in Listing Notice 2 of 2014 applies".</i>	The gabion basket to be added to the existing retaining wall on the outer bank of the Rooi-Elskloof River at Culvert 10432 and the gabion basket to be installed for erosion protection of the Pier 1 footing of Bridge 0496 in the Hex River will collectively require the moving of more than 10m ³ of material within the watercourses.
Activity No(s):	Provide the relevant Basic Assessment Activity(ies) as set out in Listing Notice 3	Describe the portion of the proposed development to which the applicable listed activity relates.
Item 14	Item 14, i.e., "The development of - <i>(i) dams or weirs, where the dam or weir, including infrastructure and water surface area exceeds 10 square metres; or</i> <i>(ii) infrastructure or structures with a physical footprint of 10 square metres or more; where such development occurs—</i> <i>(a) within a watercourse;</i> <i>(b) in front of a development setback; or</i> <i>(c) if no development setback has been adopted, within 32 metres of a watercourse, measured from the edge of a watercourse;</i> <i>excluding the development of infrastructure or structures within existing ports or harbours that will not increase the development footprint of the port or harbour.</i> (f) Western Cape: <i>i. Outside urban areas:</i> <i>(aa) A protected area identified in terms of NEMPAA, excluding conservancies;</i> <i>(bb) National Protected Area Expansion Strategy Focus areas;</i> <i>(cc) World Heritage Sites;</i> <i>(dd) Sensitive areas as identified in an environmental management framework as</i>	The proposed work of installing a gabion basket to protect the Pier 1 footing of Bridge 0496 and installing a gabion basket to add to the existing retaining wall on the outer bank of the stream at Culvert 10432 collectively amount to a development footprint of more than 10m ² within watercourses that are categorised as freshwater Critical Biodiversity Areas.

	<i>contemplated in chapter 5 of the Act and as adopted by the competent authority;</i> <i>(ee) Sites or areas listed in terms of an International Convention;</i> <i>(ff) Critical biodiversity areas or ecosystem service areas as identified in systematic biodiversity plans adopted by the competent authority or in bioregional plans;</i> <i>(gg) Core areas in biosphere reserves; or</i> <i>(hh) Areas on the estuary side of the development setback”.</i>	
Note: - The listed activities specified above must reconcile with activities applied for in the application form. The onus is on the Applicant to ensure that all applicable listed activities are included in the application. If a specific listed activity is not included in an Environmental Authorisation, a new application for Environmental Authorisation will have to be submitted. - Where additional listed activities have been identified, that have not been included in the application form, and amended application form must be submitted to the competent authority.		

List the applicable waste management listed activities in terms of the NEM:WA

Activity No(s):	Provide the relevant Basic Assessment Activity(ies) as set out in Category A	Describe the portion of the proposed development to which the applicable listed activity relates.
	N/A	

List the applicable listed activities in terms of the NEM:AQA

Activity No(s):	Provide the relevant Listed Activity(ies)	Describe the portion of the proposed development to which the applicable listed activity relates.
	N/A	

SECTION E: PLANNING CONTEXT AND NEED AND DESIRABILITY

1.	Provide a description of the preferred alternative.
The proposed development entails establishing additional erosion protection infrastructure on the DR1489 Road in De Doorns at Culvert 10432 and at Bridge 0496. The work to be conducted at Culvert 10432 is the following: - Install a gabion basket of approximately 10m³ in size to extend the existing retaining wall in an upstream direction for further erosion protection on the outer stream bank at the culvert. The geographic coordinates for the location of the culvert are (33°28'41.29"S, 19°37'6.22") The work to be conducted at Bridge 0496 is the following: - Install a gabion basket of approximately 8m³ in size to protect the Pier 1 footing of the bridge from further undercutting as a result of stream flow The geographic coordinates for the location of the bridge are (33°28'56.58"S, 19°37'16.69"E)	
2.	Explain how the proposed development is in line with the existing land use rights of the property as you have indicated in the NOI and application form? Include the proof of the existing land use rights granted in Appendix E21.
The proposed development entails installing an additional gabion basket next to the existing retaining to protect the outer stream bank at the culvert from further water erosion. The proposed development also entails installing a gabion basket to protect the Pier 1 footing of the bridge from further undercutting by the Hex River.	

The proposed development within the Rooi-Elskloof River at Culvert 10432 and within the Hex River at Bridge 0496 does not in any way impinge on the existing land use rights of the owners of the agricultural land adjacent to the said watercourses.	
3.	Explain how potential conflict with respect to existing approvals for the proposed site (as indicated in the NOI/and or application form) and the proposed development have been resolved.
N/A	
4.	Explain how the proposed development will be in line with the following?
4.1	The Provincial Spatial Development Framework.
The proposed maintenance work and the installing of gabion baskets for erosion protection at Culvert 10432 and Bridge 0496 are of a very small scale and have no bearing on the Spatial Development Framework of the Western Cape Province	
4.2	The Integrated Development Plan of the local municipality.
The proposed maintenance work and installing of gabion baskets for erosion protection at Culvert 10432 and Bridge 0496 is of a very small scale and has no bearing on the Integrated Development Plan of the local municipality	
4.3.	The Spatial Development Framework of the local municipality.
The proposed maintenance work and installing of gabion baskets for erosion protection at Culvert 10432 and Bridge 0496 is of a very small scale and has no bearing on the Spatial Development Framework of the Breede Valley Local Municipality.	
4.4.	The Environmental Management Framework applicable to the area.
No EMF is known to exist for the area.	
5.	Explain how comments from the relevant authorities and/or specialist(s) with respect to biodiversity have influenced the proposed development.
CapeNature, the Western Cape Department of Agriculture and the Breede-Olifants Catchment Management Agency have not yet provided comment on the proposed development, despite having been given access to the pre-application BAR and being requested to provide comment.	
It is only from Heritage Western Cape that comment has been received on the development proposal and it is indicated in the comment that the development proposal does not trigger Section 38 of the National Heritage Resources Act, 1999 (Act No. 25 of 1999).	
6.	Explain how the Western Cape Biodiversity Spatial Plan (including the guidelines in the handbook) has influenced the proposed development.
It is stated in the terrestrial biodiversity study report that <i>"the Western Cape Biodiversity Spatial Plan (WC BSP, 2023) maps terrestrial and aquatic critical biodiversity areas (CBA's) in close vicinity to some of these road sections"</i> and that <i>"the site visit confirmed that there is no remaining natural veld along the road verges, and that the river systems have been severely degraded because of long term agricultural and associated activities"</i> . The terrestrial biodiversity specialist has included recommendations in the terrestrial biodiversity study report for the purpose of keeping the terrestrial biodiversity impacts of the proposed development minimal and these recommendations have been included in the EMPr that is attached hereto as Appendix H.	
It is stated in the freshwater study report that <i>"the Hex River is listed as a perennial river and as a CBA, NFEPA .and that the riparian zone is listed as a wetland. In addition, parts of the Rooi-Elskloof River are listed as CBAs"</i>	
The proposed development will be undertaken in keeping with the recommendations of the appointed terrestrial biodiversity specialist that are contained in the EMPr in order to keep potential negative freshwater impacts of the proposed development minimal.	
All maintenance work will conducted in keeping with the MMPr that the competent authority has adopted for the De Doors area in order to keep potential negative impacts as low as possible.	
7.	Explain how the proposed development is in line with the intention/purpose of the relevant zones as defined in the ICMA.
N/A	
8.	Explain whether the screening report has changed from the one submitted together with the application form. The screening report must be attached as Appendix I.
N/A	
9.	Explain how the proposed development will optimise vacant land available within an urban area.

The proposed development is located outside of the urban area, partly in the Hex River and partly in the Rooi-Eliskloof River	
10.	Explain how the proposed development will optimise the use of existing resources and infrastructure.
The required construction work will be done using manual labour as a much as is possible.	
11.	Explain whether the necessary services are available and whether the local authority has confirmed sufficient, spare, unallocated service capacity. (Confirmation of all services must be included in Appendix E16).
The proposed development does not require municipal services	
12.	In addition to the above, explain the need and desirability of the proposed activity or development in terms of this Department's guideline on Need and Desirability (March 2013) or the DEA's Integrated Environmental Management Guideline on Need and Desirability. This may be attached to this BAR as Appendix K.
The proposed development includes the installing a gabion basket to add to the existing gabion basket retaining wall on the outer bank of the Rooi-Eliskloof River at Culvert 10432. The proposed gabion basket will provide further erosion protection to the outer stream bank at the culvert. In addition, the proposed development includes the installing of a gabion basket to protect the Pier 1 footing of Bridge 0496 from further undercutting by the Hex River. The installing the new gabion baskets at Culvert 10432 and Bridge 0496 will help to limit the risks that erosion poses to the said infrastructure on which the economy of De Doorns and life in general in the area depend. These benefits of the proposed development will be enjoyed with only low negative environmental impacts resulting and most of the negative impacts will last only as long as the construction phase of approximately six months. The maintenance work that will be required from time to time on the infrastructure will be conducted in keeping with the MMPr that the competent authority has adopted for De Doorns (Appendix H2, refers). The proposed development is therefore highly desirable.	

SECTION F: PUBLIC PARTICIPATION

The Public Participation Process ("PPP") must fulfil the requirements as outlined in the NEMA EIA Regulations and must be attached as Appendix F. Please note that If the NEM: WA and/or the NEM: AQA is applicable to the proposed development, an advertisement must be placed in at least two newspapers.

1. Exclusively for linear activities: Indicate what PPP was agreed to by the competent authority. Include proof of this agreement in Appendix E22.

N/A

2. Confirm that the PPP as indicated in the application form has been complied with. All the PPP must be included in Appendix F.

The PPP as indicated in the application form has been complied with.

3. Confirm which of the State Departments and Organs of State indicated in the Notice of Intent/application form were consulted with.

CapeNature, Western Cape Department of Agriculture, Breede-Olifants Catchment Management Agency, Heritage Western Cape. Breede Valley Local Municipality, Cape Winelands District Municipality

4. If any of the State Departments and Organs of State were not consulted, indicate which and why.

N/A

5. if any of the State Departments and Organs of State did not respond, indicate which.

CapeNature, Western Cape Department of Agriculture, Breede-Olifants Catchment Management Agency, Breede Valley Local Municipality, Cape Winelands District Municipality

6. Provide a summary of the issues raised by I&APs and an indication of the manner in which the issues were incorporated into the development proposal.

N/A

Note:

A register of all the I&AP's notified, including the Organs of State, and all the registered I&APs must be included in Appendix F. The register must be maintained and made available to any person requesting access to the register in writing.

The EAP must notify I&AP's that all information submitted by I&AP's becomes public information.

Your attention is drawn to Regulation 40 (3) of the NEMA EIA Regulations which states that "Potential or registered interested and affected parties, including the competent authority, may be provided with an opportunity to comment on reports and plans contemplated in subregulation (1) prior to submission of an application but **must** be provided with an opportunity to comment on such reports once an application has been submitted to the competent authority."

All the comments received from I&APs on the pre -application BAR (if applicable and the draft BAR must be recorded, responded to and included in the Comments and Responses Report and must be included in Appendix F.

All information obtained during the PPP (the minutes of any meetings held by the EAP with I&APs and other role players wherein the views of the participants are recorded) and must be included in Appendix F.

Please note that proof of the PPP conducted must be included in Appendix F. In terms of the required "proof" the following is required:

- a site map showing where the site notice was displayed, dated photographs showing the notice displayed on site and a copy of the text displayed on the notice;
- in terms of the written notices given, a copy of the written notice sent, as well as:
 - if registered mail was sent, a list of the registered mail sent (showing the registered mail number, the name of the person the mail was sent to, the address of the person and the date the registered mail was sent);
 - if normal mail was sent, a list of the mail sent (showing the name of the person the mail was sent to, the address of the person, the date the mail was sent, and the signature of the post office worker or the post office stamp indicating that the letter was sent);
 - if a facsimile was sent, a copy of the facsimile Report;
 - if an electronic mail was sent, a copy of the electronic mail sent; and
 - if a "mail drop" was done, a signed register of "mail drops" received (showing the name of the person the notice was handed to, the address of the person, the date, and the signature of the person); and
- a copy of the newspaper advertisement ("newspaper clipping") that was placed, indicating the name of the newspaper and date of publication (of such quality that the wording in the advertisement is legible).

SECTION G: DESCRIPTION OF THE RECEIVING ENVIRONMENT

All specialist studies must be attached as Appendix G.

1. Groundwater

1.1.	Was a specialist study conducted?	YES	NO
1.2.	Provide the name and or company who conducted the specialist study.		
	N/A		
1.3.	Indicate above which aquifer your proposed development will be located and explain how this has influenced your proposed development.		
	N/A		
1.4.	Indicate the depth of groundwater and explain how the depth of groundwater and type of aquifer (if present) has influenced your proposed development.		
	N/A		

2. Surface water

2.1.	Was a specialist study conducted?	YES	NO
2.2.	Provide the name and/or company who conducted the specialist study.		
	Dr D. van Driel of WATSAN Africa		
2.3.	Explain how the presence of watercourse(s) and/or wetlands on the property(ies) has influenced your proposed development.		
	The recommendations contained in the freshwater specialist report are included in the EMPR attached hereto as Appendix G2		

3. Coastal Environment

3.1.	Was a specialist study conducted?	YES	NO
3.2.	Provide the name and/or company who conducted the specialist study.		
	N/A		
3.3.	Explain how the relevant considerations of Section 63 of the ICMA were taken into account and explain how this influenced your proposed development.		
	N/A		
3.4.	Explain how estuary management plans (if applicable) has influenced the proposed development.		
	N/A		
3.5.	Explain how the modelled coastal risk zones, the coastal protection zone, littoral active zone and estuarine functional zones, have influenced the proposed development.		

4. Biodiversity

4.1.	Were specialist studies conducted?	YES	NO
4.2.	Provide the name and/or company who conducted the specialist studies.		
	Peet Botes of PB Consult		
4.3.	Explain which systematic conservation planning and other biodiversity informants such as vegetation maps, NFEPA, NSBA etc. have been used and how has this influenced your proposed development.		
	Please refer to the terrestrial biodiversity study report attached as Appendix G1. The recommendations contained in the terrestrial biodiversity study report have been included in the EMPr attached as Appendix H1		
4.4.	Explain how the objectives and management guidelines of the Biodiversity Spatial Plan have been used and how has this influenced your proposed development.		
	Please refer to the recommendations contained in the terrestrial biodiversity study report and contained in the freshwater study report that have been included in the EMPr		
4.5.	Explain what impact the proposed development will have on the site-specific features and/or function of the Biodiversity Spatial Plan category and how has this influenced the proposed development.		
	The installing of an additional gabion basket of approximately 50m² to protect the outer bank of the Rooi-Elskloof River at Culvert 10432 from erosion will be confined to within the stream. The installing of a gabion basket of approximately 50m² to protect the Pier 1 footing of Bridge 0496 in the Hex River will also be confined to within the stream. The site-specific features that will be newly disturbed are therefore approximately 50m² of the outer bank of the Rooi-Elskloof River next to the culvert and approximately 50m² of the bed of the Hex River next to the bridge. It is noteworthy that most of the negative impacts of installing the gabion baskets will end when the construction phase ends. All maintenance work on the infrastructure that will be required from time to time will be conducted in keeping with the MMPr that the competent authority has adopted for the De Doorns area (Appendix H2, refers).		
4.6.	If your proposed development is located in a protected area, explain how the proposed development is in line with the protected area management plan.		
	N/A		
4.7.	Explain how the presence of fauna on and adjacent to the proposed development has influenced your proposed development.		
	N/A		

5. Geographical Aspects

Explain whether any geographical aspects will be affected and how has this influenced the proposed activity or development.	
The proposed development is too small to result in any kind of significant impact on any geographical aspect	

6. Heritage Resources

6.1.	Was a specialist study conducted?	YES	NO
6.2.	Provide the name and/or company who conducted the specialist study.		
	Jonathan Kaplan of Agency for Cultural Resource Management		
6.3.	Explain how areas that contain sensitive heritage resources have influenced the proposed development.		

	N/A
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7. Historical and Cultural Aspects

Explain whether there are any culturally or historically significant elements as defined in Section 2 of the NHRA that will be affected and how has this influenced the proposed development.

Heritage Western Cape has indicated in a letter dated 24 February 2026 that the proposed development does not fall within the ambit of the Section 38 National Heritage Resources Act, 1999 (Act No. 25 of 1999).

8. Socio/Economic Aspects

8.1.	Describe the existing social and economic characteristics of the community in the vicinity of the proposed site.
	The community of the surrounding area is rural, with the cultivation of grapes and associated activities playing a dominant economic role.
8.2.	Explain the socio-economic value/contribution of the proposed development.
	The proposed development is of small scale and will only provide a few temporary employment opportunities to local residents during the construction phase and during periodic maintenance activities.
8.3.	Explain what social initiatives will be implemented by applicant to address the needs of the community and to uplift the area.
	The construction work required for the proposed development will be given to local residents and local contractors as much as is practically possible.
8.4.	Explain whether the proposed development will impact on people's health and well-being (e.g. in terms of noise, odours, visual character and sense of place etc) and how has this influenced the proposed development.
	The proposed site is within the Rooi-Elskloof River at Culvert 10432 and within the Hex River at Bridge 0496 and the proposed development is unlikely to impact negatively on the health or well-being of anybody.

SECTION H: ALTERNATIVES, METHODOLOGY AND ASSESSMENT OF ALTERNATIVES

1. Details of the alternatives identified and considered

1.1.	Property and site alternatives to avoid negative impacts, mitigate unavoidable negative impacts and maximise positive impacts.
	Provide a description of the preferred property and site alternative.
	A portion of the proposed site is in the Rooi-Elskloof River where Culvert 10432 is located and the immediate instream area extending up to approximately 40m southwards of the culvert. The other portion of the proposed site is at Bridge 0496 in the Hex River and the instream area extending up to 40m westwards from the bridge. Please refer to the Locality map for the geographic coordinates of the proposed site.
	Provide a description of any other property and site alternatives investigated.
	N/A
	Provide a motivation for the preferred property and site alternative including the outcome of the site selection matrix.
	The installing of a gabion basket to protect the outer bank of the Rooi-Elskloof River at Culvert 10432 can only be done on the outer bank of the Rooi-Elskloof River at the culvert. In the same manner, the installing of a gabion basket to protect the Pier 1 footing of Bridge 0496 from further undercutting by the stream can only be done in the Hex River next to the Pier 1 footing of the bridge. The preferred site alternative is therefore the only site alternative considered for the proposed development.
	Provide a full description of the process followed to reach the preferred alternative within the site.
	The Applicant considered that the installing of an additional gabion basket to protect the outer bank of the Rooi-Elskloof River at the culvert can only be done on the outer bank of the Rooi-Elskloof at the culvert. In the same manner, the installing of a gabion basket to protect the Pier 1 footing of Bridge 0496 from further undercutting by the stream can only be done next to the Pier 1 footing of the bridge on the bed of the Hex River.

The preferred site alternative is therefore the only site alternative considered for the proposed development.	
Provide a detailed motivation if no property and site alternatives were considered.	
The Applicant has not considered any other site alternatives, as Culvert 10432 and Bridge 0496 are existing infrastructure and the maintenance work required thereon can only be done there on the proposed site. The installing of a gabion basket to further protect the outer bank of the Rooi-Elskloof River at the culvert can only be done on the outer bank of the tributary of the Hex River at the culvert. In the same manner, the installing of a gabion basket to protect the Pier 1 footing of Bridge 0496 from further undercutting by the stream can only be done in the Hex River next to the Pier 1 footing of the bridge. The preferred site alternative is therefore the only site alternative considered for the proposed development.	
List the positive and negative impacts that the property and site alternatives will have on the environment.	
The anticipated positive impacts include <i>inter alia</i>, the following: - Lengthening of the time that Bridge 0496 will remain safe for the community to use for crossing the Hex River along the DR1489 Road. - Lengthening of the time that Culvert 10432 will remain safe for the community to use for crossing the Rooi-Elskloof River along the DR1489 Road - A small number of construction phase employment opportunities for local residents as well as operational phase employment opportunities every once in a while when maintenance work must be done on the proposed site. The anticipated negative impacts include <i>inter alia</i>, the following: - Habitat disturbance as a result of the installing of a gabion basket on the outer bank of the Rooi-Elskloof Hex River at Culvert 10432 and as a result of installing a gabion basket on the bed of the Hex River next to the Pier 1 footing of Bridge 0496. - Habitat disturbance every once in a while when too much debris has accumulated in the chambers of Culvert 10432 and in the area around the footings of Bridge 0496 and must be cleared in keeping with the MMP that the competent authority has adopted for the De Doorns area (Appendix H2, refers).	
1.2.	Activity alternatives to avoid negative impacts, mitigate unavoidable negative impacts and maximise positive impacts.
Provide a description of the preferred activity alternative.	
The proposed development entails establishing additional erosion protection infrastructure in the form of gabion baskets at Culvert 10432 and Bridge 0496 along the DR1489 Road in De Doorns. The work to be conducted at Culvert 10432 is the following: - Install a gabion basket of approximately 10m³ in size to extend the existing retaining wall in an upstream direction for further erosion protection of the outer stream bank at the culvert. The geographic coordinates for the location of the culvert are (33°28'41.29"S, 19°37'6.22") The work to be conducted at Bridge 0496 is the following: - Install a gabion basket of approximately 8m³ in size to protect the Pier 1 footing of the bridge from further undercutting as a result of stream flow The geographic coordinates for the location of the bridge are (33°28'56.58"S, 19°37'16.69"E)	
Provide a description of any other activity alternatives investigated.	
N/A	
Provide a motivation for the preferred activity alternative.	
The proposed development includes the installing of a new gabion basket to the existing retaining wall on the outer bank of the Rooi-Elskloof River at the culvert so that the streambank can become better protected from erosion. In addition, the proposed development includes the installing of a gabion basket to protect the Pier 1 footing of the bridge from further undercutting by the Hex River.	

The proposed development will therefore help to limit the risk of ultimately collapsing that erosion poses to the aforesaid infrastructure on which the economy and life in general for the community of De Doorns rely significantly on.	
Provide a detailed motivation if no activity alternatives exist.	
The proposed development includes installing a new gabion basket next to the existing retaining wall on the outer bank of the Rooi-Elskloof River at Culvert 10432 so that the streambank becomes better protected from erosion.	
In addition, the proposed development includes the installing of a gabion basket to protect the Pier 1 footing of the bridge from further undercutting by the Hex River.	
The proposed development will therefore help to limit the risk of collapse that erosion poses to the aforesaid infrastructure on which the economy and life in general for the community of De Doorns rely significantly on.	
List the positive and negative impacts that the activity alternatives will have on the environment.	
The anticipated positive impacts include <i>inter alia</i>, the following: - Lengthening of the time that Bridge 0496 will remain safe for the community to use for crossing the Hex River along the DR1489 Road. - Lengthening of the time that Culvert 10432 will remain safe for the community to use for crossing the Rooi-Elskloof River along the DR1489 Road - A small number of construction phase employment opportunities for local residents as well as a small number of operational phase employment opportunities every once in a while when maintenance work must be done on the proposed site in keeping with the MMP that the competent authority has adopted for the De Doorns area (Appendix H2, refers). The anticipated negative impacts include <i>inter alia</i>, the following: - Habitat disturbance as a result of the installing of an additional gabion basket on the outer bank of the Rooi-Elskloof River at Culvert 10432 and as a result of installing a gabion basket on the bed of the Hex River next to the Pier 1 footing of Bridge 0496. - Habitat disturbance every once in a while when too much debris has accumulated in the chambers of Culvert 10432 and must be cleared	
1.3.	Design or layout alternatives to avoid negative impacts, mitigate unavoidable negative impacts and maximise positive impacts
Provide a description of the preferred design or layout alternative.	
Please refer to the technical drawings attached to the Draft BAR as Appendix B1.1 and Appendix B1.2	
Provide a description of any other design or layout alternatives investigated.	
N/A	
Provide a motivation for the preferred design or layout alternative.	
The preferred design alternative depicted in the technical drawings attached hereto as Appendix B1.1 and Appendix B1.2 is the only cost-effective layout alternative for adequately protecting the outer bank of the Rooi-Elskloof River at Culvert 10432 from further erosion.	
In addition, the Preferred design alternative depicted in the technical drawings attached hereto as Appendix B1 is the only cost-effective alternative for adequately protecting the Pier 1 footing of Bridge 0496 from further undercutting by water flowing in the Hex River.	
Provide a detailed motivation if no design or layout alternatives exist.	
The preferred design alternative is the only design alternative considered, as other design alternatives cost much more than the installation of gabion baskets but do not provide an improvement in erosion protection that would justify the rise in costs.	
List the positive and negative impacts that the design alternatives will have on the environment.	
The anticipated positive impacts include <i>inter alia</i>, the following: - Lengthening of the time that Bridge 0496 will remain safe for the community to use for crossing the Hex River along the DR1489 Road. - Lengthening of the time that Culvert 10432 will remain safe for the community to use for crossing the Rooi-Elskloof River along the DR1489 Road	

- A small number of construction phase employment opportunities for local residents as well as a small number of operational phase employment opportunities every once in a while when maintenance work must be done on the proposed site. The anticipated negative impacts include <i>inter alia</i>, the following: - Habitat disturbance as a result of the installing of an additional gabion basket on the outer bank of the Rooi-Eliskloof River at Culvert 10432 and as a result of installing a gabion basket on the bed of the Hex River next to the Pier 1 footing of Bridge 0496.	
1.4.	Technology alternatives (e.g., to reduce resource demand and increase resource use efficiency) to avoid negative impacts, mitigate unavoidable negative impacts and maximise positive impacts.
Provide a description of the preferred technology alternative:	
The preferred technology alternative is manual labour, with earthmoving machinery only being used where manual labour would be undesirably challenging.	
Provide a description of any other technology alternatives investigated.	
A technology alternative is the usage of only manual labour for the proposed development, <i>i.e.</i> , people with spades, picks etc.	
The other technology alternative is the usage of only caterpillars, front-end loaders and other earthmoving machinery.	
Provide a motivation for the preferred technology alternative.	
The usage of manual labour as much as practicably possible will maximise the extent to which the proposed development provides construction phase employment opportunities and occasional maintenance-related employment opportunities during the operational phase. This will help to somewhat alleviate the unemployment situation in the rural area and will help in the avoidance of habitat damage that earthmoving machinery usually causes. However, it is noteworthy that using manual labour will prolong the construction phase of the proposed development. The usage of earthmoving machinery in situations where the usage of manual labour would be undesirably difficult will enable the proposed development to be completed without unnecessary delays and without unnecessary human strife. However, the usage of earthmoving machinery can result in significant habitat disturbance through the loosening of soil by caterpillar tracks and the subsequent increase in erosion potential, pollution through oil and fuel spills, <i>etc</i> The preferred technology alternative of using manual labour as much as is practicably feasible and augmenting with the usage of earthmoving machinery where manual labour would cause unnecessary delays and human strife, will enable the construction phase of the proposed development to be completed with the above-mentioned advantages of each technology alternative being realised as much as possible and the disadvantages of each technology alternative being avoided as much as possible.	
Provide a detailed motivation if no alternatives exist.	
N/A	
List the positive and negative impacts that the technology alternatives will have on the environment.	
The usage of manual labour as much as practicably possible will maximise the extent to which the proposed development provides construction phase employment opportunities for local residents. This will help to somewhat alleviate the unemployment situation in the rural area and will help in the avoidance of habitat disturbance that earthmoving machinery usually causes. However, it is noteworthy that using manual labour will lengthen the time required when implementing the proposed development. The usage of earthmoving machinery where manual labour would be undesirably difficult will enable the proposed development to be take place without unnecessary delays and human strife. However, the usage of earthmoving machinery results in significant habitat disturbance through the loosening of soil by caterpillar tracks and the subsequent increase in erosion potential, pollution through oil and fuel spills, <i>etc</i>	
1.5.	Operational alternatives to avoid negative impacts, mitigate unavoidable negative impacts and maximise positive impacts.
Provide a description of the preferred operational alternative.	
The preferred operational alternative is to conduct maintenance work in accordance with the existing MMP adopted by the competent authority for the De Doorns area (Appendix H2, refers).	
Provide a description of any other operational alternatives investigated.	
N/A	
Provide a motivation for the preferred operational alternative.	

The operational alternative described above is the only operational alternative considered, as the only other operational alternative is to conduct maintenance work on the proposed development when necessary without a MMPr adopted by the competent authority. This operational alternative is clearly not feasible from a legal point of view and must be dismissed.	
Provide a detailed motivation if no alternatives exist.	
The preferred operational alternative is to conduct maintenance work at Culvert 10432 and Bridge 0496 whenever necessary in accordance with the MMPr adopted by the competent authority for the De Doorns area (Appendix H2, refers).	
The only other operational alternative for the proposed development is to conduct maintenance work in the absence of a MMPr adopted by the competent authority and this is clearly not feasible from a legal point of view. The non-preferred operational alternative has therefore been dismissed.	
List the positive and negative impacts that the operational alternatives will have on the environment.	
The anticipated positive impacts for both the preferred and the non-preferred operational alternatives include <i>inter alia</i> , the following:	
- Lengthening of the time that Bridge 0496 will remain safe for the community to use for crossing the Hex River along the DR1489 Road. - Lengthening of the time that Culvert 10432 will remain safe for the community to use for crossing the Rooi-Elskloof River along the DR1489 Road - A small number of operational phase employment opportunities for local residents every once in a while when maintenance work on the proposed development must be done in keeping with the MMPr adopted by the competent authority (Appendix H2, refers).	
The anticipated negative impacts include <i>inter alia</i> , the following:	
- Habitat disturbance as a result of the installing of an additional gabion basket on the outer bank of the Rooi-Elskloof River at Culvert 10432 and as a result of installing a gabion basket on the bed of the Hex River next to the Pier 1 footing of Bridge 0496. - Habitat disturbance every once in a while when maintenance is conducted at the culvert and bridge in keeping with the MMPr adopted by the competent authority (Appendix H2, refers).	
The main difference between the impacts of the two operational alternatives is that the negative environmental impacts of the non-preferred alternative would be significantly higher as a result of lacking the impact avoidance and impact minimisation measures contained in a MMPr adopted by the competent authority.	
1.6.	The option of not implementing the activity (the 'No-Go' Option).
Provide an explanation as to why the 'No-Go' Option is not preferred.	
The 'no-go' alternative entails abandoning the proposal of installing a new gabion basket to add to the existing retaining wall on the outer bank of the Rooi-Elskloof River at Culvert 10432, even though the new gabion basket will augment the existing protection of the streambank against erosion at the culvert and assist in preventing the culvert from eventually collapsing.	
In addition, the 'no-go' alternative entails abandoning the proposal of installing a gabion basket to protect the Pier 1 footing of Bridge 0496 from undercutting by the Hex River, even though the undercutting will eventually cause the bridge to collapse.	
The collapse of the culvert would put the economy, property and human lives in danger unnecessarily in De Doorns when all of that can be prevented by adopting the Preferred Alternative. In addition, the consequences of adopting the 'no-go' alternative includes the eventual breaking apart and collapse of Bridge 0496, thereby placing human lives further at risk. The 'no-go' alternative is therefore highly undesirable and should be dismissed in favour of adopting the Preferred Alternative.	
1.7.	Provide an explanation as to whether any other alternatives to avoid negative impacts, mitigate unavoidable negative impacts and maximise positive impacts, or detailed motivation if no reasonable or feasible alternatives exist.
The Preferred Alternative with its mix of as much manual labour as possible and the usage of machinery only for work that would cause undue delays and human strife is the only feasible alternative considered. It is noteworthy that a MMPr adopted by the competent authority for minimising negative impacts and maximising positive impacts when conducting maintenance work at Culvert 10432 and at Bridge 0496 during the operational phase has been included as Appendix H2 of the Drat BAR.	

The Preferred Alternative is deemed feasible and is a more cost-effective alternative than the other alternatives dismissed early in the process of conceptualising the proposed development.	
1.8.	Provide a concluding statement indicating the preferred alternatives, including the preferred location of the activity.
The proposed maintenance work at Culvert 10432 and Bridge 0496 and the installing of new gabion baskets is to protect the said infrastructure from erosion, thereby lengthening the time that the said infrastructure will remain safe for the community to use for crossing the Rooi-Elskloof River as well as for crossing the Hex River. In addition, the proposed development will provide some employment opportunities during the construction phase and some employment opportunities every once in a while when periodic maintenance work is required on the proposed development during the operational phase. The potential negative impact on biodiversity is low as indicated in the terrestrial biodiversity study report (Appendix G1, refers). The potential negative impact on aquatic ecology is low as indicated in the freshwater study report (Appendix G2, refers) and the potential negative impact on heritage resources is low as indicated in the letter of comment from Heritage Western Cape (Appendix E1, refers). In light of the low negative societal, economic and ecological impacts of the proposed development and the significant benefit that the community in De Doorns stands to gain from the proposed development, it is the view of the appointed EAP that the competent authority should approve the development proposal.	

2. “No-Go” areas

Explain what “no-go” area(s) have been identified during identification of the alternatives and provide the co-ordinates of the “no-go” area(s).
All areas beyond the proposed development footprint at Culvert 10432 and Bridge 0496 will be regarded as ‘no-go’ areas.

3. Methodology to determine the significance ratings of the potential environmental impacts and risks associated with the alternatives.

Describe the methodology to be used in determining and ranking the nature, significance, consequences, extent, duration of the potential environmental impacts and risks associated with the proposed activity or development and alternatives, the degree to which the impact or risk can be reversed and the degree to which the impact and risk may cause irreplaceable loss of resources.
Please refer to Appendix J1

4. Assessment of each impact and risk identified for each alternative

Note: The following table serves as a guide for summarising each alternative. The table should be repeated for each alternative to ensure a comparative assessment. The EAP may decide to include this section as Appendix J to this BAR.

Alternative:	
PLANNING, DESIGN AND DEVELOPMENT PHASE	
Potential impact and risk:	
Nature of impact:	
Extent and duration of impact:	
Consequence of impact or risk:	
Probability of occurrence:	
Degree to which the impact may cause irreplaceable loss of resources:	
Degree to which the impact can be reversed:	
Indirect impacts:	
Cumulative impact prior to mitigation:	
Significance rating of impact prior to mitigation (e.g. Low, Medium, Medium-High, High, or Very-High)	
Degree to which the impact can be avoided:	
Degree to which the impact can be managed:	
Degree to which the impact can be mitigated:	
Proposed mitigation:	
Residual impacts:	

Cumulative impact post mitigation:	
Significance rating of impact after mitigation (e.g. Low, Medium, Medium-High, High, or Very-High)	
OPERATIONAL PHASE	
Potential impact and risk:	
Nature of impact:	
Extent and duration of impact:	
Consequence of impact or risk:	
Probability of occurrence:	
Degree to which the impact may cause irreplaceable loss of resources:	
Degree to which the impact can be reversed:	
Indirect impacts:	
Cumulative impact prior to mitigation:	
Significance rating of impact prior to mitigation (e.g. Low, Medium, Medium-High, High, or Very-High)	
Degree to which the impact can be avoided:	
Degree to which the impact can be managed:	
Degree to which the impact can be mitigated:	
Proposed mitigation:	
Residual impacts:	
Cumulative impact post mitigation:	
Significance rating of impact after mitigation (e.g. Low, Medium, Medium-High, High, or Very-High)	
DECOMMISSIONING AND CLOSURE PHASE	
Potential impact and risk:	
Nature of impact:	
Extent and duration of impact:	
Consequence of impact or risk:	
Probability of occurrence:	
Degree to which the impact may cause irreplaceable loss of resources:	
Degree to which the impact can be reversed:	
Indirect impacts:	
Cumulative impact prior to mitigation:	
Significance rating of impact prior to mitigation (e.g. Low, Medium, Medium-High, High, or Very-High)	
Degree to which the impact can be avoided:	
Degree to which the impact can be managed:	
Degree to which the impact can be mitigated:	
Proposed mitigation:	
Residual impacts:	
Cumulative impact post mitigation:	
Significance rating of impact after mitigation (e.g. Low, Medium, Medium-High, High, or Very-High)	

SECTION I: FINDINGS, IMPACT MANAGEMENT AND MITIGATION MEASURES

1.	Provide a summary of the findings and impact management measures identified by all Specialist and an indication of how these findings and recommendations have influenced the proposed development.
It is indicated in the terrestrial biodiversity study report that the proposed site is dominated by a narrow road reserve bordered by active agricultural fields and no remnants of the Endangered Breede Alluvial Fynbos were encountered during the site visit nor remnants of any indigenous vegetation type. It is also indicated in the terrestrial biodiversity study report that the no species of conservation concern were encountered on the proposed site. The terrestrial biodiversity specialist has included recommendations that should be implemented if the proposed development is approved by the competent authority and the specialist has concluded that the implementation of the recommendations will keep the potential negative impacts of the proposed development low.	

It is indicated in the freshwater ecology study report that the on-site watercourses, *i.e.*, the Hex River and the Rooi-Eliskloof River (a tributary of the Hex River) have been straightened and manicured so that water flows through with minimal impedence to help prevent flood events from damaging the numerous active agricultural fields in the area. In addition, it is indicated in the freshwater ecology study report that the water flowing in the Hex River and in the Rooi-Eliskloof River is clear, unlike the tea-coloured water of Fynbos streams that can be expected in the region. Furthermore, the water is alkaline, not the acidic water of the Fynbos mountain foothill streams as can be expected in the region. The electric conductivity, an indication of saltiness, was elevated as well. It is in view of *inter alia*, these observations by the freshwater specialist that it seems much of the water in the stream comprised of agricultural return flow containing agrichemicals from the large-scale viticulture along the Hex River in the valley.

It is further indicated in the Freshwater Study Report that the riverbanks are overgrown with patches of kikuyu grass on the proposed site.

In light of the above, the rivers and riparian areas that together make up the proposed site are in a poor ecological state, despite being mapped as part of a Critical Biodiversity Area.

The freshwater ecology study report contains recommendations that should be implemented if the proposed development is approved by the competent authority and the specialist has concluded in the report that the implementation of the recommendations will keep the potential negative impacts of the proposed development low.

2. List the impact management measures that were identified by all Specialist that will be included in the EMPr

Please refer to the Draft EMPr attached hereto as AppendixH1

3. List the specialist investigations and the impact management measures that will **not** be implemented and provide an explanation as to why these measures will not be implemented.

All the impact management measures recommended by the terrestrial biodiversity specialist and freshwater ecology specialists will be implemented

4. Explain how the proposed development will impact the surrounding communities.

The proposed development will positively impact the community of De Doorns by providing some employment opportunities during the construction phase and some employment opportunities for maintenance work on the proposed site during the operational phase. This will help to somewhat alleviate the unemployment situation in the area.

The proposed development will help to lengthen the time that the said infrastructure will remain safe from the threat of collapsing as a result of erosion. The agricultural industry that provides much of the employment in De Doorns and the other economic activities in the area that require the DR1489 Road at Culvert 10432 and Bridge 0496 to remain safe from erosion will also benefit from the proposed development and this will strengthen job security for community members who are employed in agriculture and in other economic activities in the area.

5. Explain how the risk of climate change may influence the proposed activity or development and how has the potential impacts of climate change been considered and addressed.

The proposed installing of a gabion basket to protect the Pier 1 footing of Bridge 0496 from further undercutting by the Hex River and will lengthen the time that the bridge can endure any future increases in the average water levels and average flow rate in the river.

In addition, the proposed installing of a gabion basket to add to the existing gabion basket retaining wall that protects the outer bank of the Rooi-Eliskloof River at Culvert 10432 will lengthen the time that the culvert can endure any future increases in the average water levels and average flow rate in the river.

6. Explain whether there are any conflicting recommendations between the specialists. If so, explain how these have been addressed and resolved.

N/A

7. Explain how the findings and recommendations of the different specialist studies have been integrated to inform the most appropriate mitigation measures that should be implemented to manage the potential impacts of the proposed activity or development.

The recommendations contained in the terrestrial biodiversity study report and the recommendations contained in the freshwater study report are included in the impact mitigation measures contained in the EMPr that must be implemented if the competent authority approves the proposed development.

8. Explain how the mitigation hierarchy has been applied to arrive at the best practicable environmental option.

The mitigation hierarchy has been applied in that the negative impacts that are likely to result from the proposed development are only the impacts that cannot be avoided if the proposed development is proceeded with. Furthermore, impact mitigation measures that include all the recommendations contained in the specialist investigation reports have been included in the EMPr that must be implemented, so that the unavoidable negative impacts of the proposed development can remain low to medium.

SECTION J: GENERAL

1. Environmental Impact Statement

1.1.	Provide a summary of the key findings of the EIA.
The gabion basket to be installed to protect the footing of Pier 1 of Bridge 0496 and the gabion basket to be added next to the existing gabion basket retaining wall on the outer bank of the Rooi-Eliskloof River at Culvert 10432 will help to further protect the said infrastructure from damage and collapse that erosion is likely to eventually cause. The proposed maintenance work and installing of erosion protection gabion baskets at Culvert 10432 and at Bridge 0496 will therefore lengthen the time that the said infrastructure will remain safe for the community in De Doorns to use for crossing the Rooi-Eliskloof River and for crossing the Hex River. The agricultural industry and other economic activities in the area that require the DR1489 Road at Culvert 10432 and Bridge 0496 to remain safe will benefit from the proposed development and this will strengthen job security for community members who are employed in agriculture and in other economic activities in the area. The proposed development will also positively impact the community of the surrounding area by providing some employment opportunities during the construction phase and some employment opportunities when the proposed development requires periodic maintenance work in keeping with the approved MMPr (Appendix H2, refers) during the operational phase. This will help to somewhat alleviate the unemployment situation in the area. The positive impacts of the proposed development all together are therefore of high significance, whereas the negative impacts are of low significance and are short-term. In view of the above, the proposed development is suitable for approval by the competent authority.	
1.2.	Provide a map that that superimposes the preferred activity and its associated structures and infrastructure on the environmental sensitivities of the preferred site indicating any areas that should be avoided, including buffers. (Attach map to this BAR as Appendix B2)
1.3.	Provide a summary of the positive and negative impacts and risks that the proposed activity or development and alternatives will have on the environment and community.
The anticipated positive impacts for both the preferred and the non-preferred operational alternatives include <i>inter alia</i>, the following: • Lengthening of the time that Bridge 0496 will remain safe for the community to use for crossing the Hex River along the DR1489 Road. • Lengthening of the time that Culvert 10432 will remain safe for the community to use for crossing the Rooi-Eliskloof River along the DR1489 Road • A small number of operational phase employment opportunities for local residents now and again when maintenance work must be done on the proposed site. The anticipated negative impacts include <i>inter alia</i>, the following: • Habitat disturbance as a result of the installing of an additional gabion basket on the outer bank of the Rooi-Eliskloof River at Culvert 10432 and as a result of installing a gabion basket on the bed of the Hex River next to the Pier 1 footing of Bridge 0496. • Habitat disturbance every once in a while when the proposed development requires maintenance work that will be conducted in keeping with MMPr that has been adopted for De Doorns. The main difference between the impacts of the two operational alternatives is that the negative environmental impacts of the non-preferred alternative would be significantly higher as a result of the lack of the guidance normally contained in a MMPr adopted by the competent authority for guiding on-site maintenance work during the operational phase.	

2. Recommendation of the Environmental Assessment Practitioner ("EAP")

2.1.	Provide Impact management outcomes (based on the assessment and where applicable, specialist assessments) for the proposed activity or development for inclusion in the EMPr
Please refer to Appendix J and Appendix H	

2.2.	Provide a description of any aspects that were conditional to the findings of the assessment either by the EAP or specialist that must be included as conditions of the authorisation.
It is concluded in this Draft BAR that the potential negative impacts of the proposed development will remain low. This conclusion is based on the understanding that the impact avoidance and mitigation measures to be complied with in order to achieve this will be diligently be complied with.	
2.3.	Provide a reasoned opinion as to whether the proposed activity or development should or should not be authorised, and if the opinion is that it should be authorised, any conditions that should be included in the authorisation.
See 1.1 above	
2.4.	Provide a description of any assumptions, uncertainties and gaps in knowledge that relate to the assessment and mitigation measures proposed.
	It is assumed that the findings contained in the specialist reports is sufficiently accurate and that the GoogleEarth satellite imagery used and CapeFarm Mapper layers used provide a sufficiently accurate representation of the reality on the ground.
2.5.	The period for which the EA is required, the date the activity will be concluded and when the post construction monitoring requirements should be finalised.
Should the competent authority approve the application, the validity period of the environmental authorisation should be 10 years.	

3. Water

Since the Western Cape is a water scarce area explain what measures will be implemented to avoid the use of potable water during the development and operational phase and what measures will be implemented to reduce your water demand, save water and measures to reuse or recycle water.

The proposed development will not use water

4. Waste

Explain what measures have been taken to reduce, reuse or recycle waste.

The proposed development is likely to produce only a minimal amount of waste in the form of mostly construction site rubble and on-site waste workers will be required to discard in bins that will be provided. In view of the short-term nature of the construction phase, periodic nature and short-term of the operational phase activities and small scale of the proposed development in general, the waste will accordingly be transported to a suitably licensed waste disposal site and discarded there.

5. Energy Efficiency

8.1. Explain what design measures have been taken to ensure that the development proposal will be energy efficient.

The development proposal will not use any electricity

SECTION K: DECLARATIONS

DECLARATION OF THE APPLICANT

Note: Duplicate this section where there is more than one Applicant.

I...Berhard Botes....., ID numberin my personal capacity or duly authorised thereto hereby declare/affirm that all the information submitted or to be submitted as part of this application form is true and correct, and that:

- I am fully aware of my responsibilities in terms of the National Environmental Management Act, 1998 (Act No. 107 of 1998) ("NEMA"), the Environmental Impact Assessment ("EIA") Regulations, and any relevant Specific Environmental Management Act and that failure to comply with these requirements may constitute an offence in terms of relevant environmental legislation;
- I am aware of my general duty of care in terms of Section 28 of the NEMA;
- I am aware that it is an offence in terms of Section 24F of the NEMA should I commence with a listed activity prior to obtaining an Environmental Authorisation;
- I appointed the Environmental Assessment Practitioner ("EAP") (if not exempted from this requirement) which:
 - meets all the requirements in terms of Regulation 13 of the NEMA EIA Regulations; or
 - meets all the requirements other than the requirement to be independent in terms of Regulation 13 of the NEMA EIA Regulations, but a review EAP has been appointed who does meet all the requirements of Regulation 13 of the NEMA EIA Regulations;
- I will provide the EAP and any specialist, where applicable, and the Competent Authority with access to all information at my disposal that is relevant to the application;
- I will be responsible for the costs incurred in complying with the NEMA EIA Regulations and other environmental legislation including but not limited to –
 - costs incurred for the appointment of the EAP or any legitimately person contracted by the EAP;
 - costs in respect of any fee prescribed by the Minister or MEC in respect of the NEMA EIA Regulations;
 - Legitimate costs in respect of specialist(s) reviews; and
 - the provision of security to ensure compliance with applicable management and mitigation measures;
- I am responsible for complying with conditions that may be attached to any decision(s) issued by the Competent Authority, 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 I or the EAP is responsible in terms of the NEMA EIA Regulations and any Specific Environmental Management Act.

Note: If acting in a representative capacity, a certified copy of the resolution or power of attorney must be attached.

Signature of the Applicant:

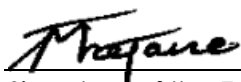
Date:

Name of company (if applicable):

DECLARATION OF THE ENVIRONMENTAL ASSESSMENT PRACTITIONER ("EAP")

I ...Maboe Nthejane....., EAP Registration number ...2022/4942..... as the appointed EAP hereby declare/affirm the correctness of the:

- Information provided in this BAR and any other documents/reports submitted in support of this BAR;
- The inclusion of comments and inputs from stakeholders and I&APs;
- The inclusion of inputs and recommendations from the specialist reports where relevant; and
- Any information provided by the EAP to interested and affected parties and any responses by the EAP to comments or inputs made by interested and affected parties, and that:
- In terms of the general requirement to be independent:
 - other than fair remuneration for work performed in terms of this application, have no business, financial, personal or other interest in the activity or application and that there are no circumstances that may compromise my objectivity; or
 - am not independent, but another EAP that meets the general requirements set out in Regulation 13 of NEMA EIA Regulations has been appointed to review my work (Note: a declaration by the review EAP must be submitted);
- In terms of the remainder of the general requirements for an EAP, am fully aware of and meet all of the requirements and that failure to comply with any the requirements may result in disqualification;
- I have disclosed, to the Applicant, the specialist (if any), the Competent Authority and registered interested and affected parties, all material information that have or may have the potential to influence the decision of the Competent Authority or the objectivity of any report, plan or document prepared or to be prepared as part of this application;
- I have ensured that information containing all relevant facts in respect of the application was distributed or was made available to registered interested and affected parties and that participation will be facilitated in such a manner that all interested and affected parties were provided with a reasonable opportunity to participate and to provide comments;
- I have ensured that the comments of all interested and affected parties were considered, recorded, responded to and submitted to the Competent Authority in respect of this application;
- I have ensured the inclusion of inputs and recommendations from the specialist reports in respect of the application, where relevant;
- I have kept a register of all interested and affected parties that participated in the public participation process; and
- I am aware that a false declaration is an offence in terms of Regulation 48 of the NEMA EIA Regulations;



Signature of the EAP:

13 May 2026

Date:

EnviroAfrica cc

Name of company (if applicable):

DECLARATION OF THE REVIEW EAP

I, EAP Registration number as the appointed Review EAP hereby declare/affirm that:

- I have reviewed all the work produced by the EAP;
- I have reviewed the correctness of the information provided as part of this Report;
- I meet all of the general requirements of EAPs as set out in Regulation 13 of the NEMA EIA Regulations;
- I have disclosed to the applicant, the EAP, the specialist (if any), the review specialist (if any), the Department and I&APs, all material information that has or may have the potential to influence the decision of the Department or the objectivity of any Report, plan or document prepared as part of the application; and
- I am aware that a false declaration is an offence in terms of Regulation 48 of the NEMA EIA Regulations.

Signature of the EAP:

Date:

Name of company (if applicable):

DECLARATION OF THE SPECIALIST

Note: Duplicate this section where there is more than one specialist.

I, as the appointed Specialist hereby declare/affirm the correctness of the information provided or to be provided as part of the application, and that:

- In terms of the general requirement to be independent:
 - other than fair remuneration for work performed in terms of this application, have no business, financial, personal or other interest in the development proposal or application and that there are no circumstances that may compromise my objectivity; or
 - am not independent, but another specialist (the "Review Specialist") that meets the general requirements set out in Regulation 13 of the NEMA EIA Regulations has been appointed to review my work (Note: a declaration by the review specialist must be submitted);
- In terms of the remainder of the general requirements for a specialist, have throughout this EIA process met all of the requirements;
- I have disclosed to the applicant, the EAP, the Review EAP (if applicable), the Department and I&APs all material information that has or may have the potential to influence the decision of the Department or the objectivity of any Report, plan or document prepared or to be prepared as part of the application; and
- I am aware that a false declaration is an offence in terms of Regulation 48 of the EIA Regulations.

Signature of the EAP:

Date:

Name of company (if applicable):

DECLARATION OF THE REVIEW SPECIALIST

I, as the appointed Review Specialist hereby declare/affirm that:

- I have reviewed all the work produced by the Specialist(s):
- I have reviewed the correctness of the specialist information provided as part of this Report;
- I meet all of the general requirements of specialists as set out in Regulation 13 of the NEMA EIA Regulations;
- I have disclosed to the applicant, the EAP, the review EAP (if applicable), the Specialist(s), the Department and I&APs, all material information that has or may have the potential to influence the decision of the Department or the objectivity of any Report, plan or document prepared as part of the application; and
- I am aware that a false declaration is an offence in terms of Regulation 48 of the NEMA EIA Regulations.

Signature of the EAP:

Date:

Name of company (if applicable):