



BASIC ASSESSMENT REPORT

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

NOVEMBER 2019

(For official use only)	
Pre-application Reference Number (if applicable):	16/3/3/6/7/1/F5/17/2052/22
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 ESTABLISHMENT OF AN APPROXIMATELY 5HA CEMETERY ON ERF
5662, MOORREESBERG**

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. 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.
4. All applicable sections of this BAR must be completed.
5. 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.
6. This BAR is current as of **November 2019**. 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/eadp> to check for the latest version of this BAR.
7. 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.
8. 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.
9. 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.
10. 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.
11. 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.
12. 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.
13. 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.

14. 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

<p align="center">CAPE TOWN OFFICE: REGION 1 and REGION 2</p> <p>(Region 1: City of Cape Town, West Coast District) (Region 2: Cape Winelands District & Overberg District)</p>	<p align="center">GEORGE OFFICE: REGION 3</p> <p align="center">(Central Karoo District & Garden Route District)</p>
<p>BAR must be sent to the following details:</p> <p>Western Cape Government Department of Environmental Affairs and Development Planning Attention: Directorate: Development Management (Region 1 or 2) Private Bag X 9086 Cape Town, 8000</p> <p>Registry Office 1st Floor Utilitas Building 1 Dorp Street, Cape Town</p> <p>Queries should be directed to the Directorate: Development Management (Region 1 and 2) at: Tel: (021) 483-5829 Fax (021) 483-4372</p>	<p>BAR must be sent to the following details:</p> <p>Western Cape Government Department of Environmental Affairs and Development Planning Attention: Directorate: Development Management (Region 3) Private Bag X 6509 George, 6530</p> <p>Registry Office 4th Floor, York Park Building 93 York Street George</p> <p>Queries should be directed to the Directorate: Development Management (Region 3) at: Tel: (044) 805-8600 Fax (044) 805-8650</p>

MAPS

<p>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.</p>	
<p>Locality Map:</p>	<p>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:</p> <ul style="list-style-type: none"> • 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. <p>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.</p> <p>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.</p>

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:	<p>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:</p> <ul style="list-style-type: none"> • 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): <ul style="list-style-type: none"> o Watercourses / Rivers / Wetlands o Flood lines (i.e., 1:100 year, 1:50 year and 1:10 year where applicable); o Coastal Risk Zones as delineated for the Western Cape by the Department of Environmental Affairs and Development Planning ("DEA&DP"): o Ridges; o Cultural and historical features/landscapes; o 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 <p>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.</p>
Site photographs	<p>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.</p>
Biodiversity Overlay Map:	<p>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.</p>
Linear activities or development and multiple properties	<p>GPS co-ordinates must be provided in degrees, minutes and seconds using the Hartebeeshoek 94 WGS84 co-ordinate system.</p> <p>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.</p> <p>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.</p>

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
WCBSB:	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	X
	Appendix A3:	Map with the GPS co-ordinates for linear activities	N/A
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;	X
Appendix C:	Photographs	✓	
Appendix D:	Biodiversity overlay map	X	
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	X
	Appendix E3:	Final Comment from the DWS	X
	Appendix E4:	Comment from the DEA: Oceans and Coast	N/A
	Appendix E5:	Comment from the DAFF	N/A
	Appendix E6:	Comment from WCG: Transport and Public Works	N/A
	Appendix E7:	Comment from WCG: DoA	X

	Appendix E8:	Comment from WCG: DHS	N/A
	Appendix E9:	Comment from WCG: DoH	N/A
	Appendix E10:	Comment from DEA&DP: Pollution Management	X
	Appendix E11:	Comment from DEA&DP: Waste Management	X
	Appendix E12:	Comment from DEA&DP: Biodiversity	N/A
	Appendix E13:	Comment from DEA&DP: Air Quality	N/A
	Appendix E14:	Comment from DEA&DP: Coastal Management	N/A
	Appendix E15:	Comment from the local authority	X
	Appendix E16:	Confirmation of all services (water, electricity, sewage, solid waste management)	N/A
	Appendix E17:	Comment from the District Municipality	X
	Appendix E18:	Copy of an exemption notice	N/A
	Appendix E19	Pre-approval for the reclamation of land	N/A
	Appendix E20:	Proof of agreement/TOR of the specialist studies conducted.	X
	Appendix E21:	Proof of land use rights	✓
	Appendix E22:	Proof of public participation agreement for linear activities	N/A
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		X

	(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:		GEORGE OFFICE:
	REGION 1 (City of Cape Town, West Coast District)	REGION 2 (Cape Winelands District & Overberg District)	REGION 3 (Central Karoo District & Garden Route District)
Duplicate this section where there is more than one Proponent Name of Applicant/Proponent: Name of contact person for Applicant/Proponent (if other): Company/ Trading name/State Department/Organ of State: Company Registration Number: Postal address: Telephone: E-mail:	Swartland Local Municipality		
	Alwyn Zaayman		
	Swartland Local Municipality		
	Private Bag X52 MALMESBURY		
			Postal code: 7220
	(022) 487 9400		Cell:
	zaaymana@swartland.org.za		Fax: (022) 487 9440
	Company of EAP: EnviroAfrica CC		
	EAP name: Bernard de Witt		
	Postal address: P. O. Box 5367 HELDERBERG		
		Postal code: 7130	
(021) 851 1616		Cell: 082 448 99 91	
		Fax: ()	
Qualifications: BSc Forestry, B. (Hons) Public Administration (Stellenbosch); National Diploma in Parks and Recreation Management; EIA Short course (UCT); ISO 14001 Auditors course (SABS)			
EAPASA registration no: 2021/3903			
Duplicate this section where there is more than one landowner Name of landowner: Name of contact person for landowner (if other): Postal address: Telephone: E-mail:	Same as Applicant		
			Fax: ()
	Name of Person in control of the land: Same as the applicant		
	Name of contact person for person in control of the land:		
Postal address:			
		Postal code:	
()		Cell:	
		Fax: ()	

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

1.	Is the proposed development (please tick):	New		Expansion																		
2.	Is the proposed site(s) a brownfield of greenfield site? Please explain.																					
The proposed site is a brownfield with no indigenous vegetation as a result of being an agricultural field that has been ploughed over and over.																						
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 for Erf 1886, Ceres																					
3.6.	Starting point co-ordinates for all alternatives																					
	Latitude (S)																					
	Longitude (E)																					
	Middle point co-ordinates for all alternatives																					
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): Approximately 50 000m ²				m ²																	
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: Approximately 50 000m ²				m 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).																					
<p>The proposed development is a cemetery with approximately 4.1ha of grave space on Erf 5662, Mooorreesburg. The cemetery will be provided with a main road that divides the proposed site into two large rectangular portions and the road will be provided with a traffic circle. The other smaller roads within the proposed cemetery that will connect to the main road will divide the proposed site further so that the proposed site ultimately consists of a total of eight rectangular portions.</p> <p>The cemetery will be provided with landscaped areas as well as a car parking area and will be fenced off.</p> <p>The development footprint will be approximately 5ha in size and access to the proposed site will be gained from Eighth Avenue.</p> <p>Please see the site development plant attached hereto as Appendix B1.</p>																						
4.5.	Indicate how access to the proposed site(s) will be obtained for all alternatives.																					
Access exists to the proposed site by means of Eighth Avenue.																						
4.6.	SG Digit code(s) of the proposed site(s) for all alternatives:	C	0	4	6	0	0	1	0	0	0	0	0	5	6	6	2	0	0	0	0	0
4.7.	Coordinates of the proposed site(s) for all alternatives:																					
	Latitude (S)	33°			07'	50.0"																

	Longitude (E)	18°	40'	06.3"
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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.
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4. Policies

Explain which policies were considered and how the proposed activity or development complies and responds to these policies.
The proposed development corresponds with the objective of delivering basic services to the community and this is consistent with the National Development Plan

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.
Guideline for involving specialists in the EIA process. Guideline for involving biodiversity specialists in the EIA process. Guideline on public participation. Guideline on Alternatives.

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
The specialists investigation reports required in the web-based Screening Tool Report have been compiled and attached hereto as appendices, except the specialist study reports that are unwarranted as explained in the Site Sensitivity Verification Report that was attached hereto to the application form for environmental authorisation.

SECTION D: APPLICABLE LISTED ACTIVITIES

List the applicable activities in terms of the NEMA 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
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23	"The development of cemeteries of 2 500 square metres or more in size".	activity relates. The proposed cemetery will be approximately 5ha in size
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.
Note: <ul style="list-style-type: none"> 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.

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.

SECTION E: PLANNING CONTEXT AND NEED AND DESIRABILITY

1.	Provide a description of the preferred alternative.
<p>The proposed development is a cemetery with approximately 4.1ha of grave space on Erf 5662, Moorreesburg. The cemetery will be provided with a main road that divides the proposed site into two large rectangular portions and the road will be provided with a traffic circle. The other smaller proposed roads within the cemetery that will connect to the main road will divide the proposed site further so that the proposed site ultimately consists of a total of eight portions.</p> <p>The cemetery will be provided with landscaped areas as well as a car parking area and will be fenced off.</p> <p>The development footprint will be approximately 5ha in size and access to the proposed site will be gained from Eighth Avenue.</p> <p>Please see the site development plant attached hereto as Appendix B1.</p>	
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.
<p>The proposed cemetery will be located on Erf 5662, Moorreesburg which is zoned Agriculture 1. The proposed development is therefore not yet in line with the zoning of Erf 5662, Moorreesburg and an application in terms of land use planning legislation must be lodged and the application approved before the proposed cemetery can be established on the proposed site.</p>	
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.
<p>A cemetery development proposal of approximately 5ha is too small to have a significant bearing on the SDF of the province</p>	

4.2	The Integrated Development Plan of the local municipality. The proposed cemetery has been proposed by the Swartland Local Municipality.
4.3.	The Spatial Development Framework of the local municipality.
4.4.	The Environmental Management Framework applicable to the area. N/A
5.	Explain how comments from the relevant authorities and/or specialist(s) with respect to biodiversity have influenced the proposed development. The recommendations contained in the Biodiversity Compliance Statement attached hereto have been incorporated in the EMPr appended to this Draft BAR.
6.	Explain how the Western Cape Biodiversity Spatial Plan (including the guidelines in the handbook) has influenced the proposed development. The proposed development will be located on a regularly ploughed agricultural field that is devoid of any biodiversity features that would make the Western Cape Biodiversity Spatial Plan relevant.
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. The same Screening Tool Report that was attached to the application form has been attached to this Draft BAR, as the Screening Tool seems to not be working well at present. A new Screening Tool Report will be generated once the Screening Tool is working well again.
9.	Explain how the proposed development will optimise vacant land available within an urban area. The proposed development is not within the urban area
10.	Explain how the proposed development will optimise the use of existing resources and infrastructure. The proposed development will be accessed by means the existing Eighth Avenue.
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 cemetery will 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 town of Moorreesburg currently has three cemeteries. These cemeteries serve the town of Moorreesburg and surrounding rural areas and are nearing capacity. An urgent need therefore exists for additional burial space to be made available. The provision of burial space is deemed a basic service that every municipality must deliver to the public. If the Swartland Local Municipality does not make adequate burial space available for the community of the municipal area, this would therefore constitute a lack of delivery of a basic service to the public and this would be a highly undesirable state of affairs. In light of the above, it would be highly desirable that the proposed cemetery be authorised and established on Erf 5662, Moorreesberg so that the community of the municipal area can continue to enjoy having burial space on which to lay their loved ones to rest.

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.

A public participation process that meets the requirements of Regulation 41 of the EIA Regulations of 2014 (as amended) will be conducted as was specified by the competent authority in the letter acknowledging receipt of the Notice of Intent to submit an application ("NOI")

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

A pre-application public participation process that meets the requirements specified in Regulation 41 has been conducted, except that the ward relevant councillor was not notified. The Draft Basic Assessment Report will be made available to all of the relevant parties as required in Regulation 41 and proof thereof will be submitted together with the Basic Assessment Report. Please refer to **Appendix F**

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 on Agriculture, West Coast District Municipality, Swartland Municipality, National Department of Water and Sanitation, Heritage Western Cape, Western Cape Department of Transport and Public Works

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.

The Western Cape Department of Agriculture did not respond. It has since been discovered that the said Department only accepts printed documents or documents saved on compact disc or memory stick. The said Department will be given a copy of the Draft Basic Assessment Report on compact disc to comment on.

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.

No issues have been raised thus far. Please Appendix F

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.		
1.3.	Indicate above which aquifer your proposed development will be located and explain how this has influenced your proposed development.		
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.		
	Approximately 11.5m is the depth to groundwater. This depth to groundwater makes the proposed cemetery suitable on the proposed site		

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.		
2.3.	Explain how the presence of watercourse(s) and/or wetlands on the property(ies) has influenced your proposed development.		
	No watercourse exists close to the proposed site		

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.		
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.		
3.4.	Explain how estuary management plans (if applicable) has influenced the proposed development.		
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.		
	PB Consult was appointed to compile the terrestrial biodiversity specialist investigation report attached hereto as Appendix G1.		
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.		
	The proposed site is devoid of vegetation that can provide habitat for fauna as a result of regular ploughing. The recommendations contained in Biodiversity Compliance Statement attached hereto as Appendix G1 will be implemented.		
4.4.	Explain how the objectives and management guidelines of the Biodiversity Spatial Plan have been used and how this has influenced your proposed development.		
	The proposed site is devoid of vegetation that can provide habitat for fauna as a result of regular ploughing. The recommendations contained in Biodiversity Compliance Statement attached hereto as Appendix G1 will be implemented.		
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.		
	N/A		
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.		
	The proposed site is not located within a protected area.		

4.7.	Explain how the presence of fauna on and adjacent to the proposed development has influenced your proposed development.
The proposed site is an agricultural field that is regularly ploughed and that is therefore devoid of vegetation that can provide habitat for fauna.	

5. Geographical Aspects

Explain whether any geographical aspects will be affected and how has this influenced the proposed activity or development.
N/A

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.		
6.3.	Explain how areas that contain sensitive heritage resources have influenced the proposed development.		
	Heritage Western Cape has indicated in a letter dated 05 July 2022 that 25 January 2023 that it is unlikely that the proposed establishment of a cemetery on the proposed site will impact heritage resources and so no further action beyond the submitted NID is deemed necessary in terms of the National Heritage Resources Act, 1999 (Act No. 25 of 1999).		

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 05 July 2022 that 25 January 2023 that it is unlikely that the proposed establishment of a cemetery on the proposed site will impact heritage resources and so no further action beyond the submitted NID is deemed necessary in terms of the 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.
	<p>The Swartland Municipality governs an approximately 3700km² area consisting mainly of farmlands, natural areas and coastal areas. The towns and settlements in the area are Malmesbury, Moorreesburg, Darling, Yzerfontein, Riebeek West, Riebeek Kasteel, Koringberg, Ruststasie, Ongegund, Riverlands, Chatsworth, Kalbaskraal and Abbotsdale.</p> <p>The total population of the municipal area is approximately 140 697 and the number of households is approximately 32 515. The economic activities generating revenue in the area include Manufacturing at 22.4%, Wholesale and Retail and catering and Accommodation at 16.2% and Agriculture, Forestry and Fishing at 15.3%.</p> <p>The unemployment rate stands at 14.6%. The main socio-economic risks in the area are the increasing job losses, especially in the informal sector, the increasing learner to teacher ratio and the strongly growing population.</p>
8.2.	Explain the socio-economic value/contribution of the proposed development.
	The Swartland Local Municipality has noticed that the availability of burial space in the three existing cemeteries of the Swartland Local Municipality will come to an end in the near future. The provision of cemeteries is a basic service that municipalities are required to provide to the communities and so it would amount to a failure to provide a basic service to the public if the Swartland Municipality does not ensure that a new cemetery is available for families to bury their loved ones when the three existing cemeteries no longer have any burial space for the deceased.
8.3.	Explain what social initiatives will be implemented by applicant to address the needs of the community and to uplift the area.
	The proposed cemetery is itself intended to meet the need of space for families to bury their loved ones.

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 cemetery will not impact negatively on the health of people.	

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.	
The preferred site alternative for the proposed development is Erf 5662, Moorreesberg.	
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 selectin matrix.	
<p>Erf 5662, Moorreesberg is a regularly ploughed agricultural field and is devoid of any sensitive biodiversity features. The envisaged impact of the proposed development on biodiversity is therefore Low as indicated in the Biodiversity Compliance Statement attached hereto as Appendix G1. It is indicated in the geotechnical report attached hereto as Appendix G3 that the implementation of the recommendations contained in the geotechnical report will minimise impacts on ground water and thereby enable the proposed site to remain suitable for the establishment of the proposed cemetery. It is indicated in the traffic impact study attached hereto as Appendix G4 that the proposed cemetery on the proposed site will result in an insignificant impact on traffic in the area. It is stated in the letter from Heritage Western Cape dated 05 July 2022 that no impacts on heritage resources are likely to be caused by the proposed establishment of the cemetery on the proposed site. It is indicated in the Agricultural Compliance Statement attached hereto as Appendix G2 that the impact on agriculture relating to the proposed establishment of the cemetery will be Medium and that when weighed against the need of the community to have burial space to lay their loved ones to rest, the proposed development is supported.</p>	
<p>It is noteworthy that the proposed site is owned by the Applicant. This means that the logistics will be easier for the Applicant to establish the proposed cemetery on the proposed site than to seek out land from some other landowner elsewhere and use public funds to secure an alternative site.</p>	
In view of of the above, Erf 5662, Moorreesberg is the only site alternative considered.	
Provide a full description of the process followed to reach the preferred alternative within the site.	
<p>Erf 5662, Moorreesberg is a regularly ploughed agricultural field and is devoid of any sensitive biodiversity features. The envisaged impact of the proposed development on biodiversity is therefore Low as indicated in the Biodiversity Compliance Statement attached hereto as Appendix G1. It is indicated in the geotechnical report attached hereto as Appendix G3 that the implementation of the recommendations contained in the geotechnical report will minimise impacts on groundwater and thereby enable the proposed site to remain suitable for the establishment of the proposed cemetery. It is indicated in the traffic impact study attached hereto as Appendix G4 that the proposed cemetery on the proposed site will result in an insignificant impact on traffic in the area. It is stated in the letter from Heritage Western Cape dated 05 July 2022 that no impacts on heritage resources are likely to be caused by the proposed establishment of the cemetery on the proposed site. It is indicated in the Agricultural Compliance Statement attached hereto as Appendix G2 that the impact on agriculture relating to the proposed establishment of the cemetery will be Medium and that when weighed against the need of the community to have burial space to lay their loved ones to rest, the proposed development is supported.</p>	
<p>It is noteworthy that the proposed site is owned by the Applicant .This means that the logistics will be easier for the Applicant to establish the proposed cemetery on the proposed site than to seek out land from some other landowner elsewhere and use public funds to secure an alternative site.</p>	
In view of the above, Erf 5662, Moorreesberg is the only site alternative considered.	
Provide a detailed motivation if no property and site alternatives were considered.	

Erf 5662, Moorreesberg is a regularly ploughed agricultural field and is devoid of any sensitive biodiversity features. The envisaged impact of the proposed development on biodiversity is therefore Low as indicated in the Biodiversity Compliance Statement attached hereto as Appendix G1. It is indicated in the geotechnical report attached hereto as Appendix G3 that the implementation of the recommendations contained in the geotechnical report will minimise impacts on groundwater and thereby enable the proposed site to remain suitable for the establishment of the proposed cemetery. It is indicated in the traffic impact study attached hereto as Appendix G4 that the proposed cemetery on the proposed site will result in an insignificant impact on traffic in the area. It is stated in the letter from Heritage Western Cape dated 05 July 2022 that no impacts on heritage resources are likely to be caused by the proposed establishment of the cemetery on the proposed site. It is indicated in the Agricultural Compliance Statement attached hereto as Appendix G2 that the impact on agriculture relating to the proposed establishment of the cemetery will be Medium and that when weighed against the need of the community to have burial space to lay their loved ones to rest, the proposed development is supported.

It is noteworthy that the proposed site is owned by the Applicant. This means that the logistics will be easier for the Applicant to establish the proposed cemetery on the proposed site than to seek out land from some other landowner elsewhere and use public funds to secure an alternative site.

In view of the above, Erf 5662, Moorreesberg is the only site alternative considered.

List the positive and negative impacts that the property and site alternatives will have on the environment.

1.2.	Activity alternatives to avoid negative impacts, mitigate unavoidable negative impacts and maximise positive impacts.
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Provide a description of the preferred activity alternative.

The proposed development is a cemetery with approximately 4.1ha of grave space on Erf 5662, Moorreesberg. The cemetery will be provided with a main road that divides the proposed site into two large rectangular portions and the road will be provided with a traffic circle. The other smaller proposed roads within the cemetery that will connect to the main road will divide the proposed site further so that the proposed site ultimately consists of a total of eight rectangular portions.

The cemetery will be provided with landscaped areas as well as a car parking area and will be fenced off.

The development footprint will be approximately 5ha in size and access to the proposed site will be gained from Eighth Avenue.

Provide a description of any other activity alternatives investigated.

N/A

Provide a motivation for the preferred activity alternative.

Erf 5662, Moorreesberg is a regularly ploughed agricultural field and is devoid of any sensitive biodiversity features. The envisaged impact of the proposed development on biodiversity is therefore Low as indicated in the Biodiversity Compliance Statement attached hereto as Appendix G1. It is indicated in the geotechnical report attached hereto as Appendix G3 that the implementation of the recommendations contained in the geotechnical report will minimise impacts on groundwater and thereby enable the proposed site to remain suitable for the establishment of the proposed cemetery. It is indicated in the traffic impact study attached hereto as Appendix G4 that the proposed cemetery on the proposed site will result in an insignificant impact on traffic in the area. It is stated in the letter from Heritage Western Cape dated 05 July 2022 that no impacts on heritage resources are likely to be caused by the proposed establishment of the cemetery on the proposed site. It is indicated in the Agricultural Compliance Statement attached hereto as Appendix G2 that the impact on agriculture relating to the proposed establishment of the cemetery will be Medium and that when weighed against the need of the community to have burial space to lay their loved ones to rest, the proposed development is supported.

It is noteworthy that the proposed site is owned by the Applicant. This means that the logistics will be easier for the Applicant to establish the proposed cemetery on the proposed site than to seek out land from some other landowner elsewhere and use public funds to secure an alternative site.

In view of the above, establishing the proposed cemetery on Erf 5662, Moorreesberg is Preferred

Activity Alternative.	
Provide a detailed motivation if no activity alternatives exist.	
No activity alternatives have been considered, as burying the deceased is currently the main way in which communities in the area choose to deal with the bodies of their loved ones. The establishment of a cemetery for the community to bury their loved ones is therefore deemed the most reasonable course of action by the Applicant .	
List the positive and negative impacts that the activity alternatives will have on the environment.	
N/A	
1.3.	Design or layout alternatives to avoid negative impacts, mitigate unavoidable negative impacts and maximise positive impacts
The development proposal entails establishing an approximately 5ha cemetery on Erf 5662, Moorreesberg as the proposed site and the proposed site is approximately 5ha in size. This means that the advantages and disadvantages of different layout alternatives would hardly differ and so investigating different layout alternatives is not worthwhile and has not been done.	
Provide a description of any other design or layout alternatives investigated.	
N/A	
Provide a motivation for the preferred design or layout alternative.	
The development proposal entails establishing an approximately 5ha cemetery with Erf 5662, Moorreesberg and Erf 5662 is itself approximately 5ha in size. This causes the advantages and disadvantages of different layout alternatives for the cemetery to hardly differ and so the Preferred Layout Alternative is the only layout has been considered.	
Provide a detailed motivation if no design or layout alternatives exist.	
The development proposal entails establishing an approximately 5ha cemetery on Erf 5662, Moorreesberg and Erf 5662 is itself approximately 5ha in size. This causes the advantages and disadvantages of different layout alternatives for the cemetery to hardly differ and so the Preferred Layout Alternative is the only layout has been considered.	
List the positive and negative impacts that the design alternatives will have on the environment.	
<p>The positive social impact is that the community within the jurisdictional area of the Swartland Local Municipality will continue to have space available for laying their loved ones to rest when the current existing three cemeteries of the municipality no longer have any burial space available.</p> <p>The negative impact is that approximately 5ha of agricultural land will no longer be available for agriculture as a result of having been turned into the proposed cemetery. Furthermore, leachate from the cemetery poses a threat of groundwater pollution that must continue to be countered by the implementation of a stormwater management plan and by the implementing the other recommendations contained in the Geotechnical report attached hereto as Appendix G3 as well as by implementing the impact mitigation measures contained in the EMPr attached hereto as Appendix H.</p> <p>The positive and negative impacts of different design alternatives are deemed hardly different, as the entire proposed site is to be used for establishing the proposed cemetery. Design alternatives were therefore deemed not worthwhile to investigate and were not investigated.</p>	
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.
N/A	
Provide a description of any other technology alternatives investigated.	
N/A	
Provide a motivation for the preferred technology alternative.	
Provide a detailed motivation if no alternatives exist.	
The manual digging of a large number of graves is very time-consuming and so would not be a feasible technology alternative to consider. The only technology alternative considered is the usage of a TLB to dig graves at the proposed cemetery.	
List the positive and negative impacts that the technology alternatives will have on the environment.	

<p>The usage of manual labour for digging the graves would have the positive impact of providing employment opportunities for a larger number of local people and would eliminate the threat of diesel and oil spills associated with the usage of a TLB. However, the time taken to manually dig the large number of graves required at the proposed municipal cemetery would create the risk of families regularly not having graves ready for burying their loved ones. This would amount to a major negative social impact that would far outweigh the positive impacts.</p>	
1.5.	Operational alternatives to avoid negative impacts, mitigate unavoidable negative impacts and maximise positive impacts.
Provide a description of the preferred operational alternative.	
<p>The only operational alternative considered is the usage of Erf 5662, Moorreesberg as a cemetery, as the existing three cemeteries of the Swartland Municipality will no longer have any burial space available in the near future.</p>	
Provide a description of any other operational alternatives investigated.	
N/A	
Provide a motivation for the preferred operational alternative.	
Provide a detailed motivation if no alternatives exist.	
See immediately above.	
List the positive and negative impacts that the operational alternatives will have on the environment.	
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.	
<p>The 'no-go' alternative entails not proceeding with the proposed development. If the 'no-go' alternative is adopted, the three cemeteries of the Swartland Municipality will have no space for families to bury their loved ones in the near future. A crisis would arise in which community members within the municipal area would be forced to suffer the inconvenience of burying their loved ones further off in other municipal areas or bury their loved ones in makeshift graves with the significant environmental risks being a possibility.</p> <p>Furthermore, all this would amount to a failure by the Swartland Local Municipality to deliver a basic service to the community of Paballelo and so adopting the 'no-go' alternative would be highly undesirable.</p> <p>The 'no-go' alternative is therefore associated with disadvantages that significantly outweigh any advantages. The 'no-go' alternative should therefore be discarded and the preferred alternative should be authorised.</p>	
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 and the 'no-go' alternative are the only alternatives considered and the arguments for the preferred alternative have been provided above as well as the arguments against the 'no-go' alternative.	
1.8.	Provide a concluding statement indicating the preferred alternatives, including the preferred location of the activity.
<p>The establishment of the proposed cemetery on Erf 5662, Moorreesberg will enable the Swartland Municipality to continue delivering the basic public service of making burial space available for the community of the municipal area to lay their loved ones to rest. This is a major positive socio-economic impact, as the community of the municipal area will continue to enjoy the convenience of being able to lay their loved ones to rest at a cemetery located within their municipal area, thereby avoiding the costs of having to travel to further off to cemeteries outside the municipal area or having to lay their loved ones to rest in makeshift graves that likely pose significant environmental impacts.</p> <p>The potential negative impacts of the proposed development range from Medium concerning the loss of agricultural land to Low and even to insignificant for some impacts like the impact on traffic in the area. The impact mitigation measures specified in the specialist study reports and in the EMPr will be implemented to help ensure that the negative impacts remain low.</p> <p>In light of the above, it can be concluded that the benefits that the community of the area governed by the Swartland Municipality will enjoy as a result of the establishment of the proposed cemetery on the proposed site will far outweigh the potential environmental impacts when the EMPr and recommendations of specialists</p>	

are implemented. .

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 the construction work relating to the establishment of the proposed cemetery must be confined to within Erf 5662, Moorreesberg. All other areas must be dealt with 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 see Appendix J1 and Appendix J2 of this Draft BAR

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.
	The findings of the appointed specialists indicate that the proposed cemetery is suitable for establishment on the proposed site when the impact mitigation measures specified in the specialist study reports appended hereto are implemented.
2.	List the impact management measures that were identified by all Specialist that will be included in the EMPr
	All the recommendations made by the specialists are included in the EMPr. Please see Appendix J1 and J2 and the EMPr
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.
	N/A
4.	Explain how the proposed development will impact the surrounding communities.
	<p>The establishment of the proposed cemetery on Erf 5662, Moorreesberg will enable the Swartland Municipality to continue delivering the basic public service of making burial space available for the community of the municipal area to lay their loved ones to rest. This is a major positive socio-economic impact, as the community of the municipal area will continue to enjoy the convenience of being able to lay their loved ones to rest at a cemetery located within their municipal area, thereby avoiding the costs of having to travel to further off to cemeteries outside the municipal area or having to lay their loved ones to rest in makeshift graves that likely pose significant environmental impacts.</p> <p>The potential negative impacts of the proposed development range from Medium concerning the loss of agricultural land to Low and even to insignificant for some impacts like the impact on traffic in the area. The impact mitigation measures specified in the specialist study reports and in the EMPr will be implemented to help ensure that the negative impacts remain low.</p>
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.
N/A	
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 specified by the appointed terrestrial biodiversity specialist and aquatic biodiversity specialist in response to the findings made on the proposed site by the same specialists have all been incorporated in the impact avoidance and impact mitigation measures contained in the EMPr. Please refer to Appendix H	
8.	Explain how the mitigation hierarchy has been applied to arrive at the best practicable environmental option.
The mitigation hierarchy has been applied to the proposed development 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 be minimised.	

SECTION J: GENERAL

1. Environmental Impact Statement

1.1.	Provide a summary of the key findings of the EIA.
The benefits to the community of the area governed by the Swartland Local Municipality as a result of the establishment of the proposed cemetery on the proposed site are of major significance as explained throughout this Draft BAR, whereas the potential negative environmental impacts of the proposed development will range from Medium to Low and even to Insignificant. The impact avoidance and impact mitigation measures and the conditions of environmental authorisation will be adhered to so that being adhered to so that the potential negative are kept to a minimum.	
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)
Please refer to the Appendix G1	
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.
Please see Appendix J1 and Appendix J2	

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 see Appendix J1	
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.
All the recommendations of the specialists must be included in the conditions of environmental authorisation	
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.
The EAP is of the view that the proposed development should be authorised by the competent authority, as it has been shown in the specialist investigations reports and in the Appendix J1 and J2 that the potential impacts of the proposed cemetery range from Medium in significance to Low and that the potential socio-economic impact are High in significance. The proposed cemetery therefore meets the triple bottom line criteria quite well and should therefore be authorised by the competent authority with conditions specified in the environmental authorisation and the EMPr to be implemented.	
2.4.	Provide a description of any assumptions, uncertainties and gaps in knowledge that relate to the assessment and mitigation measures proposed.
N/A	
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.
The validity period of the environmental authorisation should be at least five years, as it is possible that the funds required to establish the proposed cemetery will only be made available to the applicant in batches over a number of financial 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 use only very small amounts of water for construction workers to drink	

4. Waste

Explain what measures have been taken to reduce, reuse or recycle waste.	
A system for the regular collection of waste will be put in place and the waste will be removed regularly from the proposed site, sorted to enable recycling and re-use and the non-re-usable and non-recyclable waste disposed of at a suitably licensed municipal waste disposal site.	

5. Energy Efficiency

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

SECTION K: DECLARATIONS

DECLARATION OF THE APPLICANT

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

I....., 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 Bernard de Witt., EAPASA Registration number 2021/3903.. 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:

Date:

EnviroAfrica

Name of company (if applicable):

DECLARATION OF THE REVIEW EAP

I, EAPASA 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):