



SECTION 24G APPLICATION FORM REV 2

Portion 1 of Volmoed Farm 586, Hermanus

06 November 2025

Consultant:

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Lornay Environmental Consulting Pty Ltd | Reg 2015/445417/07





IMPORTANT: Kindly ensure that this checklist is completed and attached to the NEMA SECTION 24G Application.

Please indicate by ticking the following below to serve as confirmation that the required information has been included in the application.

No.	Application Requirements	Please tick for confirmation	
1.	Requirements of Preliminary Advertisement (pre-application public participation requirements including register of all I&APs), in accordance with Annexure A, Section D of the Section 24G Fine Regulations. (Note: Failure to meet the Regulation 8 will result in rejection of the application)		
2.	Application form has been completed and attached, which includes among others:	X	
	2.1. A list of all listed activities and/or waste management activities that was triggered when the development activity was commenced with.	X	
	2.2. A list of all similarly listed activities in terms of the current EIA regulations (if applicable).	X	
	2.3. A description of the receiving environment before commences of the activity(ies).	X	
	2.4. A description of the receiving environment after commences of the activity(ies).	X	
	2.5. All appendices and annexures:	X	
	2.5.1. Locality map	X	
	2.5.2. Site plans or/and Layout plan	X	
	2.5.3. Building plans (if applicable)		
	2.5.4. Colour photographs	X	
	2.5.5. Biodiversity overlay map	X	
	2.5.6. Permit(s) / license(s) from any other organ of state including service letters from the municipality		
	2.5.7. Public participation information: including a copy of the register of interested and affected parties, the comments and responses report, proof of notices, advertisements, Land owner consent and any other public participation information	X	
	2.5.8. Environmental Management Programme	X	
	2.5.9. Certified copy of Identity Document of Applicant		
	2.5.10. Certified copy of the title deed (or title deeds in the case of linear activities)		
	2.6. Signed declaration forms.	X	
3.	Are any specialist assessments required: e.g. Botanical, Hydro-geological, soil, socio-economic?	Y	N x
	3.1. If yes, has the specialist assessment report been attached to the application?	N/A	
4.	An assessment of the impacts of the activity or activities in terms of the following categories:	X	
	• Socio-economic	X	
	• Biodiversity	X	
	• Sense of place &/or Heritage/ Cultural	X	
	• Any pollution or environmental degradation which has been, is being, is being or may be caused	X	
5.	A methodology of how the investigation into the impacts associated with the unlawful activity was undertaken.	X	
6.	Completed and attached representations of Annexure A, Section A (Directives) in terms of the S24G Fine Regulations:	X	

	Information/ Representation submitted in terms of any Directives the Minister/ decision maker may issue in terms of the National Environmental Management Act (Act 107 of 1998) (NEMA) s24G(1)(b)(i)-(viii).	
7.	Completed and attached representations in terms of Annexure A, Section B (Deferral) of the S24G Fine Regulations.	X
8.	Completed and attached representations in terms of Annexure A, Section C, Part 1 (Fine Quantum based on the assessment as specified above (4).	X
	Confirmation that Annexure A, Section C, Part 1 has been completed by an environmental assessment practitioner (EAP)	X
9.	Compliance history of the applicant:	X
	9.1. Completed Annexure A, Section C, Part 2 and 3; namely:	X
	9.1.1. Whether or not administrative enforcement notices, including pre -notices where appropriate, have previously been issued to the applicant in respect of a contravention of section 24F(1) of the NEMA and/or section 20(b) of the National Environmental Management: Waste Act (Act 59 of 2008) (NEM: WA).	X
	9.1.2. Whether or not the applicant has previously been convicted in respect of a contravention of section 24F(1) of the Act and /or section 20(b) of the NEM: WA;	X
	9.1.3. Whether or not the applicant has previously submitted a section 24G application in respect of an activity or activities which commenced prior to the activity or activities that are the subject of the current application; and	X
	9.1.4. Whether the applicant is a firm or a natural person. (see Section 24G Fine Regulations for definition of "firm")	X
	9.2. Provided information or whether or not any of the directors of the applicant firm are, or were, at the relevant time, directors of a firm to whom the above (9.1.1. - 9.1.3.) applies;	X
	9.3. Advise on whether an applicant who is a natural person is, or was, at the relevant time a director of a firm to whom the above (9.1.1.- 9.1.3.) may apply.	X
10.	Consultation with relevant State departments in terms of section 24O(2) & 24O(3) of the NEMA.	Pending
	10.1 Proof of Consultation with relevant State departments, including, <i>inter alia</i> , notices, adverts etc.	x
	10.2 Copies of comments and responses included in the application.	x
	10.2 Comments and Response report attached to the application.	x
11.	Public Participation Process undertaken in terms of Chapter 6 of the Environmental Impact Assessment Regulations, 2014 ("EIA Regulations, 2014") (GN No. R.326 of 7 April 2017) (if conducted/undertaken)	x



Section 24G Application Form for the consequences of unlawful commencement of listed activity/ies in terms of the:

- National Environmental Management Act, 1998 (Act No. 107 of 1998), ("NEMA");
- National Environmental Management: Waste Act, 2008 (Act 59 of 2008) ("NEM: WA")

OCTOBER 2022

Form Number S24GAF/10/2022

Kindly note that:

1. This application must be submitted where a person has commenced with a listed or specified activity without an environmental authorisation in contravention of section 24F(1) of NEMA (i.e. where the person commenced with an activity listed or specified in terms of section 24(2) (a) or (b) of NEMA - the activities contained in the EIA Listing Notices) or has commenced, undertaken or conducted a waste management activity without a waste management licence in terms of section 20 (b) of the NEM:WA.
2. This **Application Form** must be completed for all section 24G applications, by an Independent and Registered Environmental Assessment Practitioner ("EAP").
3. This Application Form is current as of 10 October 2022. It is the responsibility of the Applicant/EAP to ascertain whether subsequent versions of the Application Form have been published or produced by the competent authority. Note that this Application Form replaces all the previous versions. This updated Application Form must be used for all new applications submitted from 10 October 2022.

4. The contents of this Application Form include the following:

PART 1 -

Section A: Background Information

Section B: Activity Information

Section C: Description of Receiving Environment

Section D: Need and Desirability

Section E: Alternatives

Section F: Impact Assessment, Management, Mitigation and Monitoring Measures

Section G: Assessment Methodologies and Criteria, Gaps in Knowledge, underlying Assumptions and Uncertainties

Section H: Recommendations of the EAP

Section I: Representations - Response to an Incident or Emergency Situation

Section J: Public Participation Process

PART 2 -

ANNEXURE A of Fine Regulations

Section A: Directives

Section B: Deferral of the Application

Section C: Quantum of the section 24G fine

Section D: Preliminary advertisement

PART 3 -

Appendices and Declarations

PART 4 -

ANNEXURE B: Waste Management Activity Supporting Information (if relevant)

5. An **Independent and Registered EAP** must be appointed to complete the required sections (in terms of NEMA and its Regulations) of the Application Form on behalf of the applicant; the declaration of independence must be completed by the independent EAP and submitted with this Application Form. If a specialist report is required, the specialist will also be required to complete the declaration of independence. **Copies of the EAPS and Specialists Registration Certificates be submitted with this application.**
6. Two hard copies (including the original) and one electronic copy (CD/DVD/Flash drive) of this application form must be submitted. Email copies to be submitted
7. The required information must be typed within the spaces provided. The sizes of the spaces provided are not necessarily indicative of the amount of information to be provided. The space provided extend as each space is filled with typing. **A legible font type and size must be used when completing the form.** A digital copy of the Application Form is available on the Department's website <https://www.westerncape.gov.za/eadp/>
8. The use of "not applicable" in the Application Form must be done with circumspection.
9. Unless protected by law, all information contained in and attached to this application will become public information on receipt by the competent authority. Please note that, unless exemption has been granted in terms of the National Exemption Regulations published under GN R994 in GG 38303 of 8 December 2014, any Interested and Affected Party should be provided with the information contained in and attached to this Application Form as well as any subsequent information submitted.
10. This Application Form must be submitted to the Department at the postal address given below or by delivery thereof to the Registry Office of the Department.

PROCESS TO BE FOLLOWED:

- a) **Prior to submission of an Application Form**, the applicant is required to undertake a pre-application public participation process in terms of Regulation 8 of the Regulations relating to the procedure to be followed and criteria to be considered when determining an appropriate fine in terms of section 24G published in the Government Gazette on 20 July 2017, Gazette No 40994, No. R. 698 ("Section 24G Fine Regulations").
- b) Together with the submission of a section 24G Application Form, the form **must include Proof of compliance of with Regulation 8** of the Section 24G Fine Regulations, including, but not limited to, proof of the pre-application advertisement in a local newspaper and register of I&APs.
- c) The Department will acknowledge receipt of the application (within 14 days) and provide the Applicant / EAP with the relevant application reference number to be used in all future correspondence and the application public participation processes.
- d) Upon receipt of the application, the MEC/Competent Authority may direct the applicant in terms of section 24G of the NEMA (as amended).
- e) After submission of the application, **consultation with organs of state in terms of section 24O of the NEMA** will be required and public participation with interested and affected parties to inform the application. Any comments received must be compiled in a Comments and Response Report.
- f) In terms of the provisions of section 24G of NEMA, the applicant must pay an administrative fine up to a maximum of R5 million before the MEC/Competent Authority decides on the application.
- g) The applicant **must within 14 days** of receipt of the determination of the quantum of the fine, ensure that all registered interested and affected parties are notified of the determination of the quantum of the fine, including the reasons and provided with access to the determination.
- h) The administrative fine **must be paid within the time period stipulated** in the determination. Failure to pay the fine within the specified period, will result in the lapse of the application and any partial amounts paid in will not be refunded.
- i) **Proof of payment of the fine must be submitted to the Department.** Upon payment of the administrative fine, the MEC/Competent Authority may-
 - refuse to issue an environmental authorisation; or
 - issue an environmental authorisation to such person to continue, conduct or undertake the activity subject to such conditions as may be deemed necessary, which environmental authorisation shall only take effect from the date on which it has been issued; or
 - direct the applicant to provide further information or take further steps prior to making a decision provided for above;
 - together with the above decision the MEC/Competent Authority may direct a person to rehabilitate the environment within such time and subject to such conditions as may deem necessary or take any other steps necessary under the circumstances.

CIRCULARS, GUIDELINES AND TOOLS:

1. The Department's latest Circulars pertaining to the "One Environmental Management System" and the EIA Regulations and guidelines must be taken into account when completing this Application Form.

2. 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 Report. The Screening Report must be attached to this Application Form as an Appendix.

PLEASE NOTE THE FOLLOWING:

1. Failure to comply with a directive may result in the institution of appropriate legal action as is deemed necessary and as provided for in the legislation.
2. The submission of an application or the granting of an environmental authorisation shall in no way derogate from—
 - (a) the environmental management inspector's or the South African Police Services' authority to investigate any transgression in terms of NEMA or any specific environmental management Act;
 - (b) the National Prosecuting Authority's legal authority to institute any criminal prosecution.
3. If, at any stage after the submission of an application it comes to the attention of the Minister, Minister for mineral resources or MEC that the applicant is under criminal investigation for the contravention of or failure to comply with section 24F(1) or section 20(b) of the *National Environmental Management: Waste Act, 2008 (Act No. 59 of 2008)*, the Minister, Minister for mineral resources or MEC may defer a decision to issue an environmental authorisation until such time that the investigation is concluded and—
 - (a) the National Prosecuting Authority has decided not to institute prosecution in respect of such contravention or failure;
 - (b) the applicant concerned is acquitted or found not guilty after prosecution in respect of such contravention or failure has been instituted; or
 - (c) the applicant concerned has been convicted by a court of law of an offence in respect of such contravention or failure and the applicant has in respect of the conviction exhausted all the recognised legal proceedings pertaining to appeal or review.
4. A person is guilty of an offence if that person:
 - Prior to submission of a section 24G application:
 - o fails, in terms of Regulation 8(1), to place a preliminary advertisement in a local newspaper in circulation in the area in which the activity was, or activities were, commenced and on the applicant's website, if any or
 - o fails, in terms of Regulation 8(2), to comply with the advertisement requirements set out in Annexure A, section D or
 - o fails, in terms of Regulation 8(3), to open and maintain a register of interested and affected parties)); or
 - o fails, in terms of Regulation 8(4), to attach to the application form the register of interested and affected parties, which must be included in the report, or form part of the information submitted in terms of section 24G(1) of NEMA.
 - Provides incorrect, false or misleading information in any form, including in any document submitted to a competent authority in terms of the Section 24G Fine Regulations or omits information that may have an influence on the outcome of a recommendation of the fine committee or determination of the competent authority.
5. A person convicted of an offence in terms of these Regulations is liable to a fine not exceeding R5 million or to imprisonment for a period not exceeding 5 years, and in the case of a second or subsequent conviction to a fine not exceeding R10 million or to imprisonment for a period not exceeding 10 years, and in both instances to both such fine and such imprisonment.

DISCLAIMER

With regards to the Protection of Personal Information Act, 2013 (Act 4 of 2013) (POPIA), please note that all personal information is being voluntarily submitted for the purposes of your participation in this environmental application process. The information will be held by EAP on behalf of the Applicant and will be submitted to the Competent Authority for the decision on the application. Personal information may also be made available to the Appellant/s so that they may participate in the appeal process in the event that the decision on the application is appealed. Personal information may also be made available to third-party auditors so that you can be notified of future audits of the environmental decision.

DEPARTMENTAL DETAILS

The Application Form must be sent to the following details:

Western Cape Government
Department of Environmental Affairs and Development Planning
Attention: Directorate: Environmental Governance
Private Bag X 9086
Cape Town,
8000

Registry Office
1st Floor Utilitas Building
1 Dorp Street,
Cape Town

Queries should be directed to the Sub-directorate: Rectification
at:
Tel: (021) 483-5827
Fax (021) 483-4033

DEPARTMENTAL REFERENCE NUMBER(S) (for official use)

File Reference number (S24G)	
Administrative Fine Reference	

DEPARTMENTAL REFERENCE NUMBER(S) (to be completed by the EAP)

File Reference number (Enforcement), if applicable	14/1/1/E2/7/6/4/0815/23
File reference number (EIA), if applicable:	-
File reference number (Waste), if applicable:	-
File reference number (Other (specify)):	-

View the Department's website on <http://www.westerncape.gov.za/eadp> for the latest version of the documents

PART 1**PROJECT TITLE AND GENERAL DESCRIPTION OF THE DEVELOPMENT**

Clearance of indigenous vegetation without Environmental Authorisation on Portion 1 of Farm Volmoed, No. 586, Hermanus, Caledon RD

RELEVANT REGION IN WHICH THE ACTIVITY COMMENCED

Cross out the appropriate box "☒" in which region the unlawful activity/ies has commenced.

REGION 1 City of Cape Town and West Coast District	REGION 2 Cape Winelands District and Overberg District	REGION 3 Central Karoo District and Eden District
	x	

SECTION A: BACKGROUND INFORMATION

1. APPLICANT PROFILE INDEX

Cross out the appropriate box "✗".

1.1	The applicant is a Natural Person (individual)					
1.2	The applicant is a Firm (i.e. any body incorporated by, or established in terms of, any law as well as any partnership, trust, parastatal or organ of state)					x
1.2.1	If a firm, please tick the relevant box below:					
	Body Corporate	Partnership	Trust x	Parastatal	Organ of State	
	Directors of a Company	Members of a Board	Other, please specify			

Applicant's details (duplicate this section where there is more than one applicant)	
Applicant Name:	John Wesley de Gruchy
Name of Firm (if applicable):	The Volmoed Trust for Healing and Reconciliation
Firm Registration Number:	T163/86
Contact Person at the Firm:	Mathilda Roos/Daniel Ludik
List of all (as applicable at the relevant time):	Please insert the names and RSA ID numbers of the relevant persons below – (In the list below, delete the firms that are not applicable to this application)
Trustees of a trust	Name: John Wesley de Gruchy - 3903185061084 Name: Edwin Leslie Arrison - 6410225052088 Name: Mauren Alyson Guy – 4608120051087
Postal address:	PO Box 130

	Hermanus	Postal code:	7200
Telephone:	028 312 1282	Cell:	-
E-mail:	manager@volmoed.co.za	Fax:	-
Project Consultant	N/A		
Contact person:			
Postal address:			
		Postal code:	
Telephone:	()	Cell:	
E-mail:		Fax:	()
Name of the Environmental Assessment Practitioner ("EAP") responsible for the application:	Michelle Lornay		
Company name (if any):	Lornay Consulting		
Postal address:	P O Box 1990		
	Hermanus	Postal code:	7200
Telephone:	()	Cell:	083 245 6556
E-mail:	michelle@lornay.co.za	Fax:	()
EAP Qualifications	Master of Science (Rhodes University)		
EAP Registrations/Associations and registration number/s	EAPASA - 2019/698		
Name of the Landowner:	As above		
Name of the contact person for the land owner (if other):			
Postal address:			
		Postal code:	
Telephone:	()	Cell:	
E-mail:		Fax:	()
Person in control of land:	As above		
Contact person:			

Postal address:			
		Postal code:	
Telephone:	()	Cell:	
E-mail:		Fax:	()

Please note:

In instances where there is more than one landowner, please attach a list of landowners with their contact details to the back of this form.

A certified copy of the applicant's (if natural person), alternatively a director's (as defined), Identity Document must be attached to the application.

A certified copy of the title deed of the property/s on which the unlawful listed activity/ies has commenced must be attached to the application.

Municipality in whose area of jurisdiction the activity falls:	Overstrand Municipality		
Contact person, if known:	Penelope Aplon		
Postal address:	PO Box 20		
	Hermanus	Postal code:	
Telephone	028 316 3724	Cell:	
E-mail:	paplon@overstrand.gov.za	Fax:	()

Please note:

In instances where there is more than one Municipality involved, please attach a list of Municipalities with their respective contact details to the form.

Property location(s):	Hemel en Aarde, Hermanus, Caledon RD
Farm/Erf name(s) & number(s) including portion(s)	Portion 1 of Farm 586
Property size(s) (m ²)	1265200 m ² (126.52 ha)
Development footprint size(s) (m ²)	133 m ² – Site 1 – container office 534 m ² – Single Residential dwelling Total development footprint = 667 m ²
SG21 Digit code(s)	C01300000000058600001

Property boundary:



Figure 1: Property boundary of Portion 1 of Farm 586

Point	Latitude (S)			Longitude (E)		
1	34°	22'	58.96" South	19°	14'	8.271" East
2	34°	22'	44.28" South	19°	14'	10.35" East
3	34°	22'	21.35" South	19°	14'	16.45" East
4	34°	22'	19.33" South	19°	13'	38.27" East
5	34°	22'	44.07" South	19°	13'	18.36" East

The co-ordinates for the site boundary (impacted area) are:

Site 1: Placement of shipping container to provide a office area. No vegetation removal took place and no construction was required.



Figure 2: Aerial view of Site 1 showing approximately **133 m²** of vegetation clearance

Point	Latitude (S)			Longitude (E)		
1	34°	22'	39.82" South	19°	14'	1.14" East
2	34°	22'	40.06" South	19°	14'	1.40" East
3	34°	22'	40.36" South	19°	14'	1.02" East
4	34°	22'	40.09" South	19°	14'	0.81" East

Site 2: Construction of single residential dwelling



Figure 3: Aerial view of Site 2 showing approximately **534 m²** of transformation.

Point	Latitude (S)			Longitude (E)		
1	34°	22'	37.21" South	19°	14'	6.26" East
2	34°	22'	37.75" South	19°	14'	7.29" East
3	34°	22'	38.05" South	19°	14'	7.08" East
4	34°	22'	37.71" South	19°	14'	5.84" East

Please note:

Where numerous properties/sites are involved (e.g. linear activities), attach a list of property descriptions and street addresses to the consultation form.

Street address:	Volmoed Loop road in Hermanus		
Magisterial District or Town:	Hermanus, Caledon RD		
Closest City/Town:	Hermanus	Distance	8 (km)
Zoning of Property:	Agricultural Zone 1 and Resort Zone		

Please note:

In instances where there is more than one zoning applicable, please attach a list or map of the properties indicating their respective zoning to the Application Form.

Was the property rezoned after commencement of activities?	YES	NO x
If yes, what was the previous zoning?		
N/a		

Is a rezoning application required?	YES	NO x
Is a consent use application required?	YES	NO x
Locality map:	A locality map must be attached to the Application Form as an appendix. The scale of the locality map must be at least 1:50 000. For linear activities 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; • the prevailing wind direction; and • GPS co-ordinates (Indicate the position of the proposed activity using the latitude and longitude of the centre point of the site for each alternative site. The co-ordinates should be in degrees and decimal minutes. The minutes should have at least three decimals to ensure adequate accuracy. The projection that must be used in all cases is the WGS-84 spheroid in a national or local projection)	
Landowner(s) Consent:	If the applicant is not the owner or person in control of the land on which the activity has been undertaken, he/she must obtain written consent from all landowners or persons in control of the land (of the site and all alternative sites). This must be attached to this document as Appendix G. Such consent must indicate whether or not the owner or person in control of the land would support approval of the application and that the land need not be rehabilitated. Note: The consent of the landowner or person in control of the land is not required for: a) linear activities; b) an activity directly related to prospecting or exploration of a mineral and petroleum resource or extraction and primary processing of a mineral resource; or c) strategic integrated projects ("SIPs") as contemplated in the <i>Infrastructure Development Act, 2014 (Act No. 23 of 2014)</i>.	

2. APPLICATION HISTORY

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

Has any national, provincial or local authority considered any development applications on the property previously?	Yes	No x
If so, please give a brief description of the type and/or nature of the application/s as well as a reference number, if applicable: (In instances where there was more than one application, please attach a list of these applications)		
Which authority considered the application:		
Has <u>any</u> one of the previous application/s on the property been approved or refused? If so provide a list of the successful and unsuccessful application/s and the reasons for decision(s).		
Yes	No x	
Provide detail on the period of validity of decision and expiry dates of the above applications/ permits etc.		

NEMA SECTION 24G APPLICATION AND ASSESSMENT REPORT

SECTION B: ACTIVITY INFORMATION

1. ACTIVITIES APPLIED FOR

I hereby apply in terms of section 24G of the National Environmental Management Act (Act 107 of 1998) for the regularisation of the unlawful commencement or continuation of the listed or waste management activities as specified in Section B:1 below.

Applicant (Full names): John Wesley de Gruchy

Signature: [Signature]

Place: Volmoed

Date: 18/06/2024

EAP (Full names): MICHELLE NAYLOR

Signature: mncaylor

Place: Hermanus

Date: 12-08-2024

All listed activities associated with the development must be indicated below.

1.1 Applicable EIA listed activities

ECA EIA Contraventions: between 08 September 1997 and end of 09 May 2002			
Activities commenced with on or after 08 September 1997 and before end 09 May 2002: EIA regulations promulgated in terms of the ECA, Act 73 of 1989			
Government Notice No. ("GN") R1182 Activity No(s):	Describe the relevant listed activity/ies in writing as per GN No. 1182 of 1997	Describe the portion of the development as per the project description that relates to the applicable listed activity.	State the date of commencement of each activity
ECA EIA Contraventions: between 10 May 2002 and end of 02 July 2006			
Activities unlawfully commenced with on or after 10 May 2002 and before end 02 July 2006: EIA regulations promulgated in terms of the ECA, Act 73 of 1989,			
NEMA EIA Contraventions: between 03 July 2006 and end of 01 August 2010			
Activities unlawfully commenced with on or after 03 July 2006 and before end 01 August 2010: EIA regulations promulgated in terms of the NEMA			
GN R386 Activity No(s): (Listing Notice 1 of 2006)	Describe the relevant listed activity/ies in writing as per GN No. R. 386 of 2006 ("NEMA 2006 Basic Assessment listed activity/ies")	Describe the portion of the development as per the project description that relates to the applicable listed activity.	State the date of commencement of each activity
Government Notice No. R387 Activity No(s): (Listing Notice 2 of 2006)	Describe the relevant listed activity/ies in writing as per GN No. R. 387 of 2006 ("NEMA 2006 Scoping/EIA listed activity/ies")	Describe the portion of the development as per the project description that relates to the applicable listed activity.	State the date of commencement of each activity
NEMA EIA Contraventions: between 02 August 2010 and end of 07 December 2014			
Activities unlawfully commenced with on or after 02 August 2010 and before end 07 December 2014: EIA regulations promulgated in terms of the NEMA, Act 107 of 1998,			
GN No. R. 544 Activity No(s): (Listing Notice 1 of 2010)	Describe the relevant listed activity(ies) in writing as per GN No. R. 544 of 2010 ("NEMA 2010 Basic Assessment listed activity/ies")	Describe the portion of the development as per the project description that relates to the applicable listed activity.	State the date of commencement of each activity
GN No. R. 545 Activity No(s): (Listing Notice 2 of 2010)	Describe the relevant listed activity/ies in writing as per GN No. R. 545 of 2010. (NEMA 2010 Scoping/EIA listed activity/ies")	Describe the portion of the development as per the project description that relates to the applicable listed activity.	State the date of commencement of each activity
GN No. R. 546 Activity No(s): (Listing Notice 3 of 2010)	Describe the relevant listed Activity(ies) in writing as per GN No. R. 546 of 2010	Describe the portion of the development as per the project description that relates to the applicable listed activity.	State the date of commencement of each activity

NEMA EIA Contraventions: on or after 08 December 2014			
Activities unlawfully commenced with on or after 08 December 2014: EIA regulations promulgated in terms of the NEMA, Act 107 of 1998,			
GN No. R. 983 Activity No(s): (Listing Notice 1 of 2014)	Describe the relevant listed activity(ies) in writing as per GN No. R.327 of 2014 ("NEMA 2014 Basic Assessment listed activity/ies")	Describe the portion of the development as per the project description that relates to the applicable listed activity.	State the date of commencement of each activity
GN No. R. 984 Activity No(s): (Listing Notice 2 of 2014)	Describe the relevant listed activity(ies) in writing as per GN No. R.325 of 2014 ("NEMA 2014 Scoping/EIA listed activity/ies")	Describe the portion of the development as per the project description that relates to the applicable listed activity.	State the date of commencement of each activity
GN No. R. 985 Activity No(s): (Listing Notice 3 of 2014)	Describe the relevant listed activity(ies) in writing as per GN No. R.324 of 2014	Describe the portion of the development as per the project description that relates to the applicable listed activity.	State the date of commencement of each activity
12	The clearance of an area of 300 square metres or more of indigenous vegetation except where such clearance of indigenous vegetation is required for maintenance purposes undertaken in accordance with a maintenance management plan. i. Western Cape i. Within any critically endangered or endangered ecosystem listed in terms of section 52 of the NEMBA or prior to the publication of such a list, within an area that has been identified as critically endangered in the National Spatial Biodiversity Assessment 2004; ii. Within critical biodiversity areas identified in bioregional plans; iii. Within the littoral active zone or 100 metres inland from high water mark of the sea or an estuarine functional zone, whichever distance is the greater, excluding where such removal will occur behind the development setback line on erven in urban areas; iv. On land, where, at the time of the coming into effect of this Notice or thereafter such land was zoned open space, conservation or had an equivalent zoning; or v. On land designated for protection or conservation purposes in an Environmental Management Framework adopted in the prescribed manner, or a Spatial Development Framework adopted by the MEC or Minister.	The allegation notes the clearance at 2 sites within the built-up precinct on Volmoed Farm. Site one included the placement of a shipping container on a lawed area to create an office space – 133 m² Site 2 involved the clearance of 534 m², to establish a single residential dwelling.	2020 and 2021

Please ensure that you have provided the similarly listed activities if the listed activities were commenced before the period the EIA Regulations came into effect, i.e. before 08 December 2014.

1.2 Applicable Waste Management Activities

List the relevant waste management activity/ies applied for:

Waste Management Activity Contraventions: On or after 03 July 2007 up to end of 28 November 2013			
Activities unlawfully commenced with in terms of GNR 718 of 03 July 2009 under the National Environmental Management Waste Act, Act 59 of 2008			
GN No. 718 – Category A Activity No(s):	Describe the relevant <u>Category A</u> waste management activity/ies in writing.	Describe the portion of the development as per the project description that relates to the applicable waste activity.	State the date of commencement of each activity
GN No. 718 – Category B Activity No(s):	Describe the relevant <u>Category B</u> waste management activity/ies in writing.	Describe the portion of the development as per the project description that relates to the applicable waste activity.	State the date of commencement of each activity

Waste Management Activity Contraventions: On or after 29 November 2013			
Activities unlawfully commenced with in terms of GNR 921 of 29 November 2013 under the National Environmental Management Waste Act, Act 59 of 2008,			
GN No. 921 – Category A Activity No(s):	Describe the relevant <u>Category A</u> waste management activity/ies in writing.	Describe the portion of the development as per the project description that relates to the applicable waste activity.	State the date of commencement of each activity
GN No. 921 – Category B Activity No(s):	Describe the relevant <u>Category B</u> waste management activity/ies in writing.	Describe the portion of the development as per the project description that relates to the applicable waste activity.	State the date of commencement of each activity

Please note:

The National Department of Environmental Affairs is the competent authority for activities regarded as hazardous waste. Such activities must be indicated as hazardous waste in the abovementioned lists.

Only those activities listed above shall be considered for authorisation. 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, an application for amendment or a new application for Environmental Authorisation will have to be submitted.

1.3 Activities listed similarly in terms of the EIA Regulations

Kindly indicate the listed activities in terms of the EIA Regulations that is listed similar to the unlawfully commenced activities. The descriptions provided below must clearly state why the activity/development is still similarly listed in terms of the EIA Regulations, 2014.

The similarly listed activities in terms of the EIA Regulations promulgated in terms of the NEMA, Act 107 of 1998,		
GN No. R. 327 Activity No(s): (Listing Notice 1 of 2014)	Describe the relevant listed activity(ies) in writing as per GN No. R.327 of 2014 ("NEMA 2014 Basic Assessment listed activity/ies")	Describe the portion of the development as per the project description that relates to the applicable listed activity.
N/A		

GN No. R. 325 Activity No(s): (Listing Notice 2 of 2014)	Describe the relevant listed activity(ies) in writing as per GN No. R.325 of 2014 ("NEMA 2014 Scoping/EIA listed activity/ies")	Describe the portion of the development as per the project description that relates to the applicable listed activity.
N/A		
GN No. R. 324 Activity No(s): (Listing Notice 3 of 2014)	Describe the relevant listed activity(ies) in writing as per GN No. R.324 of 2014	Describe the portion of the development as per the project description that relates to the applicable listed activity.
12	The clearance of an area of 300 square metres or more of indigenous vegetation except where such clearance of indigenous vegetation is required for maintenance purposes undertaken in accordance with a maintenance management plan. i. Western Cape i. Within any critically endangered or endangered ecosystem listed in terms of section 52 of the NEMBA or prior to the publication of such a list, within an area that has been identified as critically endangered in the National Spatial Biodiversity Assessment 2004; ii. Within critical biodiversity areas identified in bioregional plans; iii. Within the littoral active zone or 100 metres inland from high water mark of the sea or an estuarine functional zone, whichever distance is the greater, excluding where such removal will occur behind the development setback line on erven in urban areas; iv. On land, where, at the time of the coming into effect of this Notice or thereafter such land was zoned open space, conservation or had an equivalent zoning; or v. On land designated for protection or conservation purposes in an Environmental Management Framework adopted in the prescribed manner, or a Spatial Development Framework adopted by the MEC or Minister.	The allegation notes the clearance at 2 sites within the built-up precinct on Volmoed Farm. Site one to establish a office 133 m² Site 2 involved the clearance of 534m² , to establish a single residential dwelling.

Please note:

Where approvals for the activity have been obtained in terms of any other legislation (e.g. National Water Act, Act 36 of 1998), certified copies of such approvals must be attached to this form.

2. ACTIVITY DESCRIPTION

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

Is/are the activity(ies) complete or is/are the activity(ies) still to be completed?	Completed ☒	Incomplete
(a) Is/was the project a new development or an upgrade of an existing development? Also indicate the date (e.g. 2 August 2010) when the activity commenced <u>as well as</u> the original date of commencement if the application is an upgrade.	New ☒	Upgrade

According to aerial imagery, the activities commenced between 2020 and 2021. The allegation is that two separate areas were cleared on the subject property. Specifically, on Site 1, alleged the clearance of approximately 133 m². A shipping container was placed at this location to establish an office.

For Site 2, even though the aerial imagery does not show the specific timeline of when vegetation clearance took place on site, it however confirms that the construction activities took place in 2021. As illustrated in **Figure 4**, the clearance was carried out in 2020. Furthermore, **Figure 5** provides an aerial view of Site 2, indicating that the activities there commenced in 2021.



Figure 4: The clearance of indigenous vegetation was carried out between 2018 and 2020 in preparation of placing the container.



Figure 5: An aerial view of site 2 on the right indicates that the activities commenced in 2021 to establish the single residential dwelling.



Photo 1: (Site 1) side view of the office developed on site (site 1) that was cleared.



Photo 2: Image showing the front view of the development (office) located on one of the sites that were cleared.



Photo 3: The area adjacent to Site 1 –



Photo 4: Site 2 – indigenous vegetation was cleared in this area to create a single residential dwelling.



Photo 5: Site 2 – indigenous vegetation cleared and area terraced to develop a single residential dwelling



Photo 6: Site 2 – now established



Photo 7: Natural area on the western site 2.

(b) Clearly describe the activity and associated infrastructure commenced with, indicating what has been completed and what still has to be completed.

The activity undertaken involves the clearance of approximately 667 m² of indigenous vegetation and lawn across both Site 1 and Site 2. This clearance, which represents the primary environmental impact of the activities, has been fully completed. The initial phase of the project entailed removal of indigenous vegetation to prepare the sites for the placement of containers on the cleared areas. This phase has also been completed, resulting in the establishment of necessary infrastructure for the tourism operational needs.

Site 1 is located within the working area of the farm and was disturbed pre commencement of the activity. Evidence of incremental vegetation clearing from 2018 is available. The activity involves the removal of ±133m² for the placement of a container that is used as an office.

Site 2 was cleared for the construction of a single residential dwelling; this site involved the removal of indigenous vegetation and the construction of a modular home placed on a plinth foundation. No major excavation occurred for the housing foundation.

This application is to address and rectify the unauthorized commencement of these listed activities. By seeking this rectification, the activity proponents aim to align their actions with the environmental management principles and regulatory framework established under NEMA.

(c) Please provide details of all components of the activity and attach diagrams (e.g. architectural drawings or perspectives, engineering drawings, process flow charts etc.).

Buildings

YES x

NO

Provide brief description:

The site on Photo 1 the vegetation was removed incrementally. In total 133 m² were disturbed and / or removed to place the container office. No foundations were required.

The photo 2 (site 2) - the single residential dwelling is situated on plinth foundations and no excavation or digging took place for the placement of the container.

Site 1: A site was cleared in between 2018 and 2020 to place a container on an area measuring approximately 133 square metres.



Photo 8: View of the site cleared in 2020 for the placement of a container in an area measuring approximately 133m².

Site 2: A building was placed on a cleared area measuring approximately 534 m²



Photo 9: View of site 2 where ±534m² was cleared.

After receiving the Pre-Compliance Notice, the applicant appointed Lornay Environmental Consulting to assist with the retrospective rectification process for this activity.		
Infrastructure (e.g. roads, power and water supply/ storage)	YES x	NO
Provide brief description:		
All required service infrastructure and roads exist on site. The property is question is large and the establishment of Site 1 and Site 2 took place within the built up precinct on the property on not on the outskirts.		
Processing activities (e.g. manufacturing, storage, distribution)	YES	NO x
Provide brief description:		
N/A		
Storage facilities for raw materials and products (e.g. volume and substances to be stored)		
Provide brief description	YES	NO x
N/A		
Storage and treatment facilities for solid waste and effluent generated by the project	Yes	No x
Provide brief description		
N/A		

(d) Other activities (e.g. water abstraction activities, crop planting activities)	Yes	No x
Provide brief description		
N/A		

3. PHYSICAL SIZE OF THE ACTIVITY

Indicate the physical spatial size of the activity as well as associated infrastructure (footprints):	Site 1: 133 m² Site 2: 534 m²
Indicate the area that has been transformed / cleared to allow for the activity as well as associated infrastructure	Site 1: 133 m² Site 2: 534 m²
Total area:	667 m²

4. SITE ACCESS

Was there an existing access road?	YES x	NO
If NO, what was the distance over which the new access road was built? Please indicate the length and width of the new road.	(Length) m	(width) m
Describe the type of access road constructed:		
N/A		

Please Note:

Indicate the position of the access road on the site plan (See Section 5 below)

5. SITE PHOTOGRAPHS

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

Please note:

Should the relevant photographs not be included in the application, the application may be deemed insufficient and further information in this regard will be requested.

6. APPLICABLE LEGISLATION, POLICIES AND/OR GUIDELINES

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

LEGISLATION	ADMINISTERING AUTHORITY	TYPE Permit/ license/ authorisation/comment	DATE (if already obtained):
National Environmental Management Act	DEADP	Retrospective Authorisation	Pending

Applicability of the National Heritage Resources Act (NHRA):

The NHRA is **not applicable** to the application, as follows:

Section 38 of the Act states as follows:

38. (1) Subject to the provisions of subsections (7), (8) and (9), any person who intends to undertake a development categorised as-

(a) the construction of a road, wall, powerline, pipeline, canal or other similar form of linear development or barrier exceeding 300m in length; N/A

(b) the construction of a bridge or similar structure exceeding 50m in length; N/A

(c) any development or other activity which will change the character of a site-

(i) exceeding 5 000 m² in extent; or N/A – Footprint smaller than 5000 m² and activities in line with Zoning

(ii) involving three or more existing erven or subdivisions thereof; or N/A

(iii) involving three or more erven or divisions thereof which have been consolidated within the past five years; or N/A

(iv) the costs of which will exceed a sum set in terms of regulations by SAHRA or a provincial heritage resources authority; N/A

(d) the re-zoning of a site exceeding 10 000 m² in extent; or N/A

(e) any other category of development provided for in regulations by SAHRA or a provincial heritage resources authority, must at the very earliest stages of initiating such a development, notify the responsible heritage resources authority and furnish it with details regarding the location, nature and extent of the proposed development.

POLICY/ GUIDELINES	ADMINISTERING AUTHORITY
National Environmental Management Act 107 of 1998, as amended (NEMA) & The EIA Regulations (2014) As amended- Environmental Assessment Process	DEADP
Overstrand Municipality by-law on Municipal Land Use Planning, 2015	Overstrand Municipality
EIA Guideline and Information Document Series dated March 2013: Applied to various components in the Basic Assessment Process. The following guidelines were considered throughout the Basic Assessment Process: -Guideline for the Review of Specialist Input in the EIA process (June 2005). -Guideline for Environmental Management Plans (June 2005) -Guideline on Alternatives (March 2013) -Guideline on Need and Desirability	DEADP

7. APPLICATIONS IN TERMS OF NEMA AND SPECIFIC ENVIRONMENTAL MANAGEMENT ACTS ("SEMA's")

If not specifically applied for in terms of this application, does the development require an application for a waste management license in terms of the National Environmental Management: Waste Act, 2008 (Act No. 59 of 2008)?	YES	NO X
If yes, has an application been submitted to the licensing authority? N/A	YES	NO
Does the proposed project require an application for a water use license in terms of the National Water Act, 1998 (Act No. 36 of 1998)?	YES	NO X
If yes, has an application been submitted to the licensing authority? N/A	YES	NO
If no, please provide evidence of existing water use rights (if applicable) with this application form. N/A		
Does the proposed project require an application for an atmospheric emissions license in terms of the National Environmental Management: Air Quality Act, 2004 (Act No. 39 of 2004)?	YES	NO X
If yes, has an application been submitted to the licensing authority? N/A	YES	NO
Does the proposed project require an application in terms of the National Environmental Management: Integrated Coastal Management Act ("NEM: ICMA")?	YES	NO X
	YES	NO

If yes, has an application been submitted to the relevant competent authority? N/A		
If yes, provide more details of the application submitted/to be submitted in terms of the NEM: ICMA		
N/A		

8. APPLICATIONS IN TERMS OF OTHER LEGISLATION

Is any permission, licence or other approval required in terms of any other legislation? (Please tick)	YES	No x
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If yes, please complete the table below:

Type of approval required (List the applicable legislation & approval required):	Name of the authority responsible for administering the applicable legislation	Application submitted (Yes / No)	Status of application (e.g. — pending/ granted/ refused)

SECTION C: DESCRIPTION OF RECEIVING ENVIRONMENT

Site/Area Description

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

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

1. THE GEOLOGICAL FORMATIONS UNDERLYING THE SITE (Tick the appropriate box)

GRANITE		QUARTZITE	
SHALE		DOLOMITE	
SANDSTONE		DOLERITE	
OTHER (specify) x	White, coarse-grained to fine-grained, thick-bedded pebbly quartz arenite, thin bedded feldspathic and ferruginous sandstone, very subordinate shale and siltstone		

2. GRADIENT OF THE SITE

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

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

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

Ridgeline	Plateau	Side slope of hill/mountain x	Closed valley	Open valley	Plain	Undulating plain/low hills	Dune	Sea-front	Other
If other, please describe									

4. GROUNDWATER, SOIL AND GEOLOGICAL STABILITY OF THE SITE**4.1 GROUNDWATER, SOIL AND GEOLOGICAL STABILITY OF THE SITE (PRE-COMMENCEMENT)**

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

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

4.2 GROUNDWATER, SOIL AND GEOLOGICAL STABILITY OF THE SITE (POST-COMMENCEMENT)

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

If any of the answers to the above are "YES" or "unsure", specialist input may be requested by the Department.
(Information in respect of the above will often be available at the planning sections of local authorities. Where it does not exist, the 1:50 000 scale Regional Geotechnical Maps prepared by Geological Survey may also be used).

5. SURFACE WATER**2.1 SURFACE WATER (PRE-COMMENCEMENT)**

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

Perennial River	YES	NO x	UNSURE
Non-Perennial River	YES	NO x	UNSURE
Permanent Wetland	YES	NO x	UNSURE
Seasonal Wetland	YES	NO x	UNSURE
Artificial Wetland	YES	NO x	UNSURE
Estuarine / Lagoonal wetland	YES	NO x	UNSURE

2.2 SURFACE WATER (POST-COMMENCEMENT)

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

Perennial River	YES	NO x	UNSURE
Non-Perennial River	YES	NO x	UNSURE
Permanent Wetland	YES	NO x	UNSURE
Seasonal Wetland	YES	NO x	UNSURE
Artificial Wetland	YES	NO x	UNSURE
Estuarine / Lagoonal wetland	YES	NO x	UNSURE

3. VEGETATION AND/OR GROUNDCOVER

Please note: The Department may request specialist input/studies depending on the nature of the biodiversity occurring on the site and potential impact(s) of the activity/ies. To assist with the identification of the biodiversity occurring on site and the ecosystem status consult <http://bgis.sanbi.org.za> or BGIShelp@sanbi.org.za. Information is also available on compact disc ("cd") from the Biodiversity-GIS Unit, Ph (021) 799 8738. This information may be updated from time to time and it is the applicant/ EAP's responsibility to ensure that the latest version is used. A map of the relevant biodiversity information (including an indication of the habitat conditions as per (b) below) and must be provided as an overlay map to the property/site plan as an **appendix** to this form.

6.1 VEGETATION AND/OR GROUNDCOVER (PRE-COMMENCEMENT)

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

Indigenous Vegetation - good condition		Indigenous Vegetation with scattered aliens	x	Indigenous Vegetation with heavy alien infestation	
Describe the vegetation type above:		Describe the vegetation type above: Elim Ferricrete Fynbos (EN) and Overberg Sandstone Fynbos		Describe the vegetation type above:	
Provide ecosystem status for above:		Provide ecosystem status for above: Critically Endangered		Provide Ecosystem status for above:	
Indigenous Vegetation in an ecological corridor or along a soil boundary / interface		Veld dominated by alien species x		Distinctive soil conditions (e.g. Sand over shale, quartz patches, limestone, alluvial deposits, termitaria etc.) – describe	
Bare soil		Building or other structure		Sport field	
Other (describe below)		Cultivated land		Paved surface	

Disturbed areas located within the existing built up precinct of the farm and not on the outskirts of the property		
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- (a) Highlight the applicable pre-commencement biodiversity planning categories of all areas on site and indicate the reason(s) provided in the biodiversity plan for the selection of the specific area as part of the specific category.

Systematic Biodiversity Planning Category				If CBA or ESA, indicate the reason(s) for its selection in biodiversity plan
Critical Biodiversity Area (CBA)	Ecological Support Area (ESA)	Other Natural Area (ONA)	No Natural Area Remaining (NNR)	N/A. The sites are not categorized under any of the Systematic Biodiversity Categories.

- (b) Highlight and describe the habitat condition on site.

Habitat Condition	Percentage of habitat condition class (adding up to 100%)	Description and additional Comments and Observations (including additional insight into condition, e.g. poor land management practises, presence of quarries, grazing/harvesting regimes etc).
Natural	95 %	The vegetation prior the commencement was still intact
Near Natural (includes areas with low to moderate level of alien invasive plants)	5 %	There was alien vegetation present on site 2 located on the hill.
Degraded (includes areas heavily invaded by alien plants)	%	
Transformed (includes cultivation, dams, urban, plantation, roads, etc)	%	

- (c) Complete the table to indicate:
 (i) the type of vegetation, including its ecosystem status, that was previously present on the site; and
 (ii) whether an aquatic ecosystem was previously present on site.

Terrestrial Ecosystems		Aquatic Ecosystems						
Ecosystem threat status as per the National Environmental Management: Biodiversity Act, 2004 (Act No. 10 of 2004) Elim Ferricrete and Overberg Sandstone Fynbos, both of which were listed as Critically Endangered under the National List of Ecosystems that are Threatened and In Need of Protection (2011).	Critical x	Wetland (including rivers, depressions, channelled and un-channelled wetlands, flats, seeps pans, and artificial wetlands)			Estuary		Coastline	
	Endangered							
	Vulnerable							
	Least Threatened	YES	NO x	UNSURE	YES	NO x	YES	NO x

Please provide a description of the vegetation type and/or aquatic ecosystem present on site, including any important biodiversity features/information identified on site (e.g. threatened species and special habitats)

Botanical Assessment was undertaken by Hermanus Botanical Society. The SA vegetation map (2024) indicates that the vegetation present on both sites was primarily characterized by Elim Ferricrete Fynbos, along with a small section of Overberg Sandstone Fynbos located on the northwestern side of Site 2, both vegetation type were listed as Critically Endangered at the time of vegetation clearance, as per the National List of Ecosystems that are Threatened and in Need of Protection (2011). The botanical assessment highlights that during the site survey on site 2, the vegetation is predominantly Overberg Sandstone Fynbos.

The assessment confirmed that there were more than 70 fynbos species identified in the area adjacent to and west of the development site which was indicated to be Overberg Sandstone Fynbos. **Photo 10** shows some of the plant species of Overberg Sandstone Fynbos recorded on the area adjacent to and west of the site includes:

Shrubs and Herbs

Agathosma bifida, *Anaxeton asperum*, *Arctotis acaulis*, *Arctotis scabra*, *Aristea juncifolia*, *Aspalathus aspalathoides*, *Aspalathis serpens*, *Aspalathus ramulosa*, *Aulax umbellata*, *Berzelia lanuginosa*, *Cliffortia atrata*, *Cliffortia polygonifolia*, *Diospyros glabra*, *Disperago laxifolia*, *Erica placentifolia*, *Erica corifolia*, *Erica globiceps*, *Erica muscosa*, *Erica labialis*, *Erica ericoides*, *Euclea polyandra*, *Felicia aethiopica*, *Helichrysum pandurifolium*, *Hermas villosa*, *Hippia Pilosa*, *Indigofera alopecuroides*, *Lanaria lanata*, *Laurenbergia repens*, *Leucadendron salignum*, *Leucadendron xanthoconus*, *Leucospermum conocarpodendron viridum*, *Leucospermum gracile*, *Lobelia pinifolia*, *Lysimacchia loefligi*, *Metalasia densa*, *Metalasia erubescens*, *Microdon dubius*, *Mimetes cucullatus*, *Morella krausiana*, *Muraltia heisteria*, *Osteospermum moniliferum*, *Passerina corymbosa*, *Passerina rigida*, *Pelargonium capitatum*, *Pelargonium cucullatum*, *Phaenocoma prolifera*, *Phyllica lasiocarpa*, *Pillansia templemanii*, *Plantago lanceolata*, *Protea cynaroides*, *Pseudoselago spuria*, *Pteridium aquilinum*, *Rumex acetosella*, *Saltera sarcocola*, *Searsia cuneifolia*, *Searsia tomentosa*, *Seriphium spirale*, *Serruria elongata*, *Spatalla curvifolia*, *Syncarpha vestita*, *Thesium ericifolia*, *Ursinia palaeceae*, *Wimmerella borbonica*.

Graminoides

Briza minor, *Briza maxima*, *Elegia racemosa*, *Hypodiscus aristatus*, *Schoenus compar*, *Staberoha cernua*, *Thamnochortus species*, *Thamnochortus lucens*,

Geophytes

Watsonia borbonica

According to botanical specialist, of these Overberg Sandstone Fynbos species, 4 species of Proteaceae of conservation concern, all listed as vulnerable (NT) were identified on the upper regions and includes;

- *Leucospermum gracile* (NT)
- *Leucospermum conocarpodendron visidum* (NT)
- *Serruria elongata* (NT)
- *Spatalla curvifolia* (NT)

These Proteaceae species were found on the upper slopes of the mountain in an area burnt in the fire in January 2019. The young plants of these 4 Proteaceae species were also present. The specialist also notes that the development site 2 area was not burnt in the fire of 2019.

The assessment also recorded less than 40 plant species in the Elim Ferricrete Fynbos area to the south of the site. The report confirms that this area is characterised by lush, somewhat senescent growth, densely packed plants species making access and identification of especially small plants, difficult. Prominent in this area were *Ericas*, bracken (*Pteridium aquilinum*) and tall *Berzelia lanuginosa*.

The plant species found in the Elim Ferricrete Fynbos are:

Shrubs and Herbs

Agathosma capensis, *Athanasia trifurcata*, ***Aulax umbellata***, ***Berzelia lanuginosa***, *Cliffortia feruginea*, ***Cliffortia atrata***, *Cliffortia stricta*, *Dicerotheramnus rhinocerotis*, *Diospyrus glabra*, *Erica hispidula*, ***Erica ericoides***, ***Erica muscosa***, *Gnidia squarrosa*, *Helichrysum cymosum*, *Leucadendron salicifolium*, ***Lobelia pinifolia***, ***Metalasia densa***, ***Mimetes cucullatus***, *Monopsis lutea*, *Muraltia heisteria*, *Osteospermum moniliferum*, ***Pelargonium capitatum***, ***Pelargonium cucullatum***, *Penaea cneorum*, *Podalyria calyptrata*, *Pseudoselago spuria*, *Psoralea ivumba*, *Pteridium aquilinum capense*, ***Searsia cuneifolia***, ***Searsia lucida***, *Senecio burchellii*, *Seriphium plumosum*

Graminoides:

Restio hyalinus, ***Thamnochortus lucens***, *Tribolium uniola*

Geophytes:

Watsonia borbonica

Based on the specialist assessment, about 15 species identified in the Elim Ferricrete fynbos vegetation type were also recorded in the Overberg Sandstone Fynbos area. It is argued that this could indicate an ecotone or overlapping in this location of both fynbos types. The specialist also pointed out that no species of conservation concern identified in the Elim Ferricrete Fynbos area adjacent to and on the southern side of the development site. The most prevalent *Erica* was thought to be *Erica ericoides* which was in bud so this identification could not be confirmed.

The botanical study confirmed that the entire developed area of Volmoed is located on Elim Ferricrete Fynbos. A few other plant species in other locations close to the development site were photographed for completeness. No plants of conservation concern were found. Based on the specialist input neither Site 1 nor Site 2 appears within Cape Nature's Critical Biodiversity Area.

Impact Assessment

Construction phase

The primary botanical impact associated with the construction phase was the loss of Elim Ferricrete Fynbos within the development footprint. This vegetation type was nationally listed as Critically Endangered and is considered poorly protected. Although no species of conservation concern (SoCC) were recorded during the site visit, their presence cannot be ruled out, as many bulb and geophyte species may only be visible during different flowering seasons. The loss of this vegetation type, even if SoCC were not confirmed, represents a significant degradation of biodiversity. The specialist rates the botanical significance of the impact as Medium to Low.

From a broader biodiversity perspective, any loss of endangered or critically endangered vegetation has long-term implications. These ecosystems play an essential role in maintaining ecological processes, providing habitat for species,

and contributing to regional biodiversity persistence. In this case, approximately 667 m² of Elim Ferricrete Fynbos was permanently cleared during development at Site 1 and Site 2. The impacts are deemed local, regional and national as threatened species are assessed at national level.

Operational phase

During the operational phase, botanical impacts are considered to have already occurred, as the loss of natural vegetation has taken place and will persist into the future. Given that development has been completed, no rehabilitation of natural habitat is possible. The transformation of the site has resulted in the loss of ecological connectivity and increased habitat fragmentation at both locations. These impacts became effective once the natural vegetation was removed. From a botanical perspective, the significance of these operational phase impacts is regarded as high, as the operational phase effectively represents a complete loss of the original vegetation. However, it is noted that there is an intention to place the remaining natural areas of the Volmoed property under a formal stewardship agreement, which would contribute positively to the conservation of the broader landscape.

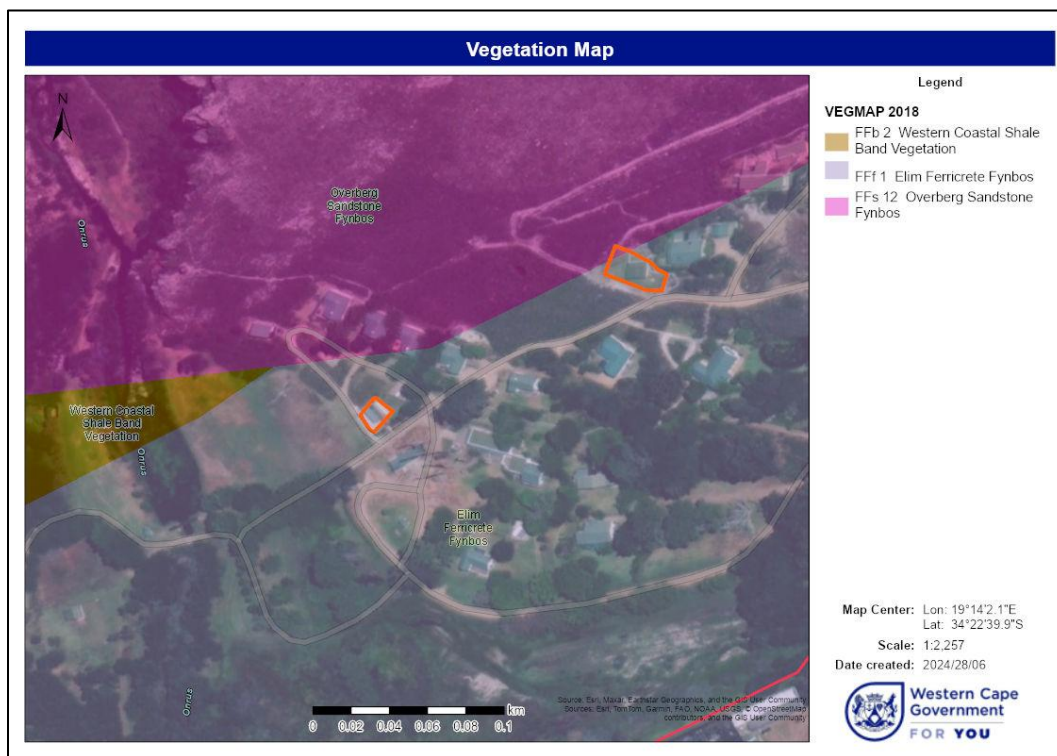


Figure 6: Vegetation type on sites

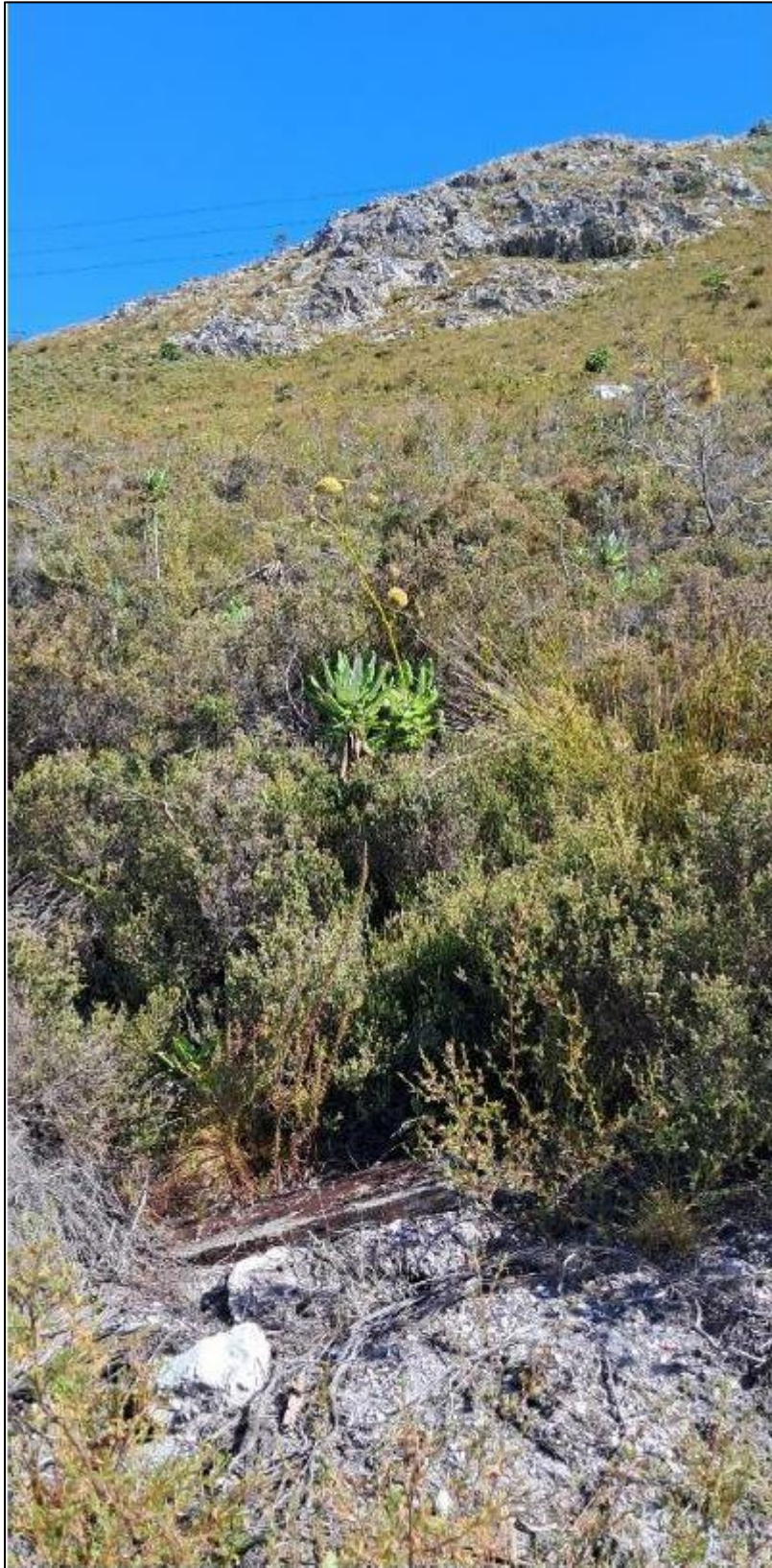


Photo 10. Overberg Sandstone Fynbos to the west of the development.



Photo 11. Area of Elim Ferricrete Fynbos to the south of the development site. This was characterized by dense stands of *Erica ericoides*, *Pteridium aquilinum* and *Berzelia lanuginosa*.



Photo 12. Elim Ferricrete Fynbos. Foreground *Erica ericoides*. Senescent and tall *Berzelia lanuginosa* in centre of picture. Flat leaves of *Watsonia borbonica* seen upper centre, left.

6.2 VEGETATION AND/OR GROUNDCOVER (POST-COMMENCEMENT)

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

Indigenous Vegetation - good condition		Indigenous Vegetation with scattered aliens	x	Indigenous Vegetation with heavy alien infestation	
Describe the vegetation type above:		Describe the vegetation type above:		Describe the vegetation type above:	

	Elim Ferricrete and Overberg Sandstone Fynbos	
Provide ecosystem status for above:	Provide ecosystem status for above: Endangered	Provide Ecosystem status for above:
Indigenous Vegetation in an ecological corridor or along a soil boundary / interface	Veld dominated by alien species	Distinctive soil conditions (e.g. Sand over shale, quartz patches, limestone, alluvial deposits, termitaria etc.) – describe
Bare soil	Building or other structure x	Sport field
Other (describe below)	Cultivated land	Paved surface

(a) Highlight and describe the post-construction habitat condition on site.

The site referred below is a transformed area.

Habitat Condition	Percentage of habitat condition class (adding up to 100%)	Description and additional Comments and Observations (including additional insight into condition, e.g. poor land management practises, presence of quarries, grazing/harvesting regimes etc).
Natural	%	
Near Natural (includes areas with low to moderate level of alien invasive plants)	100 %	Sites located within disturbed areas on the property within the built up area of the property which is already serviced and accessed by existing roads.
Degraded (includes areas heavily invaded by alien plants)	%	
Transformed (includes cultivation, dams, urban, plantation, roads, etc)	%	Sites are transformed with no natural vegetation, only lawn.

(b) How have the vegetation and/or aquatic ecosystem(s) present on site (including any important biodiversity features identified on site (e.g. threatened species and special habitats)) been affected by the commencement of the listed activity(ies)?

The primary botanical impact associated with the construction phase was the loss of Elim Ferricrete Fynbos within the development footprint. This vegetation type is nationally listed as Endangered and is considered poorly protected, as per the Revised List of Ecosystems that Are in Need of Protection (2022). Although no species of conservation concern (SoCC) were recorded during the site visit, their presence cannot be ruled out, as many bulb and geophyte species may only be visible during different flowering seasons. Additionally, it was further noted that the vegetation loss within the development footprint can be deduced from studying the uncleared area next to the site which indicated that this vegetation type was probably in a senescent and overgrown state before the removal. The loss of this vegetation type, even though SoCC were not confirmed, represents a significant degradation of biodiversity from the botanical perspective. **The specialist confirmed residential impact as Low.**

6.3 VEGETATION / GROUND COVER MANAGEMENT

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

The development phase has already been completed on the two sites in question. As such, ceasing the activity at this stage would not be viable. The landowner is fully committed to rectifying past oversights through this application process, with a strong emphasis on vegetation management on the remainder of the property. Mitigation measures for the construction activities were not employed for this activity since the development had already commenced and completed. Therefore, mitigation measures apply to post-construction phase of the activity:

- No further areas of natural vegetation should be disturbed outside the currently developed areas on the site, unless authorised via a formal environmental application process.
- Create awareness amongst the residents so that they will understand the relevance of rare plants which may be found in the Elim Ferricrete areas
- Clear alien invasive plants. This needs to be on-going and special focus could be made within the area of Elim Ferricrete Fynbos.
- Protect remaining areas of Elim Ferricrete Fynbos. Make sure no more development activities occur within this fynbos type without first undergoing the necessary environmental impact assessment.
- Look for bulb species in the Fynbos and record these on iNaturalist. Protect the areas where new plants appear.
- Instigate a stewardship agreement with CapeNature for the natural areas of Volmoed.

Note:

Following extensive consultations with relevant parties, the landowner currently implements comprehensive fire management and alien vegetation control measures on the property. The landowner actively collaborates with Western Cape's Working for Water Program, the Department of Agriculture's LandCare initiative, and the Greater Overberg Fire Protection Association (goFPA) to effectively manage alien vegetation on the property. Volmoed is currently undertaking large scale alien vegetation clearance on the remaining areas of the farm and have cleared large sections along the Onrus River catchment area which is located on the property, therefore having a significantly positive impact on the Onrus River Catchment as a whole.

7. LAND USE OF THE SITE (PRE-COMMENCEMENT)

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

Untransformed area	Low density residential x	Medium density residential	High density residential	Informal residential
Retail	Commercial & warehousing	Light industrial	Medium industrial	Heavy industrial
Power station	Office/consulting room	Military or police base/station/compound	Casino/entertainment complex	Tourism & Hospitality facility x

Open cast mine	Underground mine	Spoil heap or slimes dam	Quarry, sand or borrow pit	Dam or reservoir
Hospital/medical centre	School	Tertiary education facility	Church	Old age home
Sewage treatment plant	Train station or shunting yard	Railway line	Major road (4 lanes or more)	Airport
Harbour	Sport facilities	Golf course	Polo fields	Filling station
Landfill or waste treatment site	Plantation	Agriculture x	River, stream or wetland	Nature conservation area
Mountain, koppie or ridge	Museum	Historical building	Graveyard	Archaeological site
Other land uses (describe):				

(a) Please provide a description.

The two sites in question are located within the built-up area of the Volmoed Farm. Before the commencement of the activities, the property served multiple purposes. The developed areas on the farm are used as a venue for a variety of events and gatherings, individual retreats, family holidays, weddings, conferences, and church retreats. The peaceful and natural environment of the farm made it an ideal location for such activities, offering visitors a chance to relax and reconnect with nature. As part of their offerings the management had to develop an additional dwelling for management staff as well as additional office space. The unauthorised activity took place within the already developed precinct on the property, close to existing infrastructure and services.

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

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

Untransformed area	Low density residential x	Medium density residential	High density residential	Informal residential
Retail	Commercial & warehousing	Light industrial	Medium industrial	Heavy industrial
Power station	Office/consulting room	Military or police base/station/compound	Casino/entertainment complex	Tourism & Hospitality facility x
Open cast mine	Underground mine	Spoil heap or slimes dam	Quarry, sand or borrow pit	Dam or reservoir
Hospital/medical centre	School	Tertiary education facility	Church	Old age home
Sewage treatment plant	Train station or shunting yard	Railway line	Major road (4 lanes or more)	Airport

Harbour	Sport facilities	Golf course	Polo fields	Filling station
Landfill or waste treatment site	Plantation	Agriculture x	River, stream or wetland	Nature conservation area
Mountain, koppie or ridge	Museum	Historical building	Graveyard	Archaeological site
Other land uses (describe):				

9. LAND USE CHARACTER OF SURROUNDING AREA (POST-COMMENCEMENT)

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

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

10. SOCIO-ECONOMIC CONTEXT

10.1 SOCIO-ECONOMIC CONTEXT (PRE-COMMENCEMENT)

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

The area is characterized by a mix of agricultural activities and tourism. The primary agricultural activity in the area is viticulture. The vineyards and wine making facilities not only contribute to the local economy through the production and sale of wine but also attract tourists. Volmoed offers a peaceful venue for individuals, family holidays, weddings, conferences and church retreats.

Tourism contributes significantly to the local socio-economic environment and Volmoed offers accommodation options for those doing wine tasting and tours. The farm also provides a number of opportunities for many unskilled labour within the community surroundings. This, however, contributes to the enhancement of social wellbeing.

10.2 SOCIO-ECONOMIC CONTEXT (POST-COMMENCEMENT)

Describe the post commencement social and economic characteristics of the community in order to determine any change. Where differences between pre- and post-commencement exist, state which are as a result of the activity(ies) for which rectification is being applied for.

The area is characterized by a mix of agricultural activities and tourism. The primary agricultural activity in the area is viticulture. The vineyards and wine making facilities not only contribute to the local economy through the production and sale of wine but also attract tourists. Volmoed offers a peaceful venue for individuals, family holidays, weddings, conferences and church retreats.

Tourism contributes significantly to the local socio-economic environment and Volmoed offers accommodation options for those doing wine tasting and tours. The farm also provides a number of opportunities for many unskilled labour within the community surroundings. This, however, contributes to the enhancement of social wellbeing.

11. HISTORICAL AND CULTURAL ASPECTS

- (a) Please be advised that every application for Environmental Authorisation including an application for a Waste Management Licence, must include, where applicable the investigation, assessment and evaluation of the impact of any proposed listed or specified activity on any national estate referred to in section 3(2) of the National Heritage Resources Act, 1999 (Act No. 25 of 1999), excluding the national estate contemplated in section 3(2)(i)(vi) and (vii) of that Act.

Please be further advised that if section 38 of the National Heritage Resources Act, 1999 (Act No. 25 of 1999), is applicable to your application, then you are requested to furnish this Department with written comment from Heritage Western Cape as part of your public participation process. Section 38 of the Act states as follows: "38. (1) Subject to the provisions of subsections (7), (8) and (9), any person who intends to undertake a development categorised as-

- (a) the construction of a road, wall, power line, pipeline, canal or other similar form of linear development or barrier exceeding 300m in length;
- (b) the construction of a bridge or similar structure exceeding 50m in length;
- (c) any development or other activity which will change the character of a site-
 - (i) exceeding 5 000 m² in extent; or
 - (ii) involving three or more existing erven or subdivisions thereof; or
 - (iii) involving three or more erven or divisions thereof which have been consolidated within the past five years; or
 - (iv) the costs of which will exceed a sum set in terms of regulations by SAHRA or a provincial heritage resources authority;

- (d) the re-zoning of a site exceeding 10 000 m² in extent; or
- (e) any other category of development provided for in regulations by SAHRA or a provincial heritage resources authority, must at the very earliest stages of initiating such a development, notify the responsible heritage resources authority and furnish it with details regarding the location, nature and extent of the proposed development."
- (b) The impact on any national estate referred to in section 3(2), excluding the national estate contemplated in section 3(2)(i) (vi) and (vii), of the National Heritage Resources Act, 1999 (Act No. 25 of 1999), must also be investigated, assessed and evaluated. Section 3(2) states as follows: "3(2) Without limiting the generality of subsection (1), the national estate may include—
- (a) places, buildings, structures and equipment of cultural significance;
 - (b) places to which oral traditions are attached or which are associated with living heritage;
 - (c) historical settlements and townscapes;
 - (d) landscapes and natural features of cultural significance;
 - (e) geological sites of scientific or cultural importance;
 - (f) archaeological and palaeontological sites;
 - (g) graves and burial grounds, including—
 - (i) ancestral graves;
 - (ii) royal graves and graves of traditional leaders;
 - (iii) graves of victims of conflict;
 - (iv) graves of individuals designated by the Minister by notice in the Gazette;
 - (v) historical graves and cemeteries; and
 - (vi) other human remains which are not covered in terms of the Human Tissue Act, 1983 (Act No. 65 of 1983);
 - (h) sites of significance relating to the history of slavery in South Africa;
 - (i) movable objects, including—
 - (i) objects recovered from the soil or waters of South Africa, including archaeological and palaeontological objects and material, meteorites and rare geological specimens;
 - (ii) objects to which oral traditions are attached or which are associated with living heritage;
 - (iii) ethnographic art and objects;
 - (iv) military objects;
 - (v) objects of decorative or fine art;
 - (vi) objects of scientific or technological interest; and
 - (vii) books, records, documents, photographic positives and negatives, graphic, film or video material or sound recordings, excluding those that are public records as defined in section 1(xiv) of the National Archives of South Africa Act, 1996 (Act No. 43 of 1996)."

Is section 38 of the National Heritage Resources Act, 1999, applicable to the development?		YES	NO x
		UNCERTAIN	
If YES, explain:	N/A. The development footprint is small (667 m ²) and located within the existing developed precinct of Volmoed, where roads and service pipelines have already been established. The activity did not involve any rezoning or subdivision of the property, and the total area of disturbance (approximately 667 m ²) falls below the 5,000 m ² threshold that would trigger Section 38 of the Act. Furthermore, no major excavations were undertaken, as the structures placed on site consist of shipping containers positioned on levelled ground, which did not require ground excavation. The sites are located within the farm and are well-screened by the existing trees, such that there is no perceptible		

	change of scenery or sense of place for neighbouring properties. In addition, there are no roads or other features of heritage significance affected by the development. For the above reasons, the provisions of the National Heritage Resources Act (NHRA) are not applicable.				
Did/does the development impact on any national estate referred to in section 3(2) of the National Heritage Resources Act, 1999?	<table border="1"> <tr> <td>YES</td> <td>NO x</td> </tr> <tr> <td colspan="2">UNCERTAIN</td> </tr> </table>	YES	NO x	UNCERTAIN	
YES	NO x				
UNCERTAIN					
If YES, explain:	N/A. The development footprint is confined to an existing developed precinct within the Volmoed farm, and no heritage sites, buildings of cultural significance, or landscapes of historical importance were present within or adjacent to the activity area. Furthermore, the structures are low-impact shipping containers placed on levelled ground, and the area is well-screened by existing vegetation, ensuring that the visual character and sense of place for the surrounding environment remain unchanged. No roads or infrastructure of heritage significance were affected by the development.				
Was any building or structure older than 60 years affected in any way?	<table border="1"> <tr> <td>YES</td> <td>NO x</td> <td>UNCERTAIN</td> </tr> </table>	YES	NO x	UNCERTAIN	
YES	NO x	UNCERTAIN			
If YES, explain:	N/A. No buildings or structures older than 60 years were located within the development footprint. The activity was confined to the existing developed precinct of Volmoed farm and involved the placement of modern shipping container structures on levelled ground requiring only minimal excavation for foundations and supporting pillars.				

Please Note:

If uncertain, the Department may request that specialist input be provided. If, yes, a copy of the Notice of Intent submitted to Heritage Western Cape must be submitted with this form.

12. COASTAL ASPECTS (SEAFRONT/SEA ENVIRONMENT)

(a) Is the site(s) located within any of the following areas? (highlight the appropriate boxes).

If the site or alternative site is closer than 100m to such an area, please provide the approximate distance in (m).

AREA	YES	NO	UNSURE	If "YES": Distance to nearest area (m)
An area within 100m of the high water mark of the sea	YES	NO x	UNSURE	
An area within 100m of the high water mark of an estuary/lagoon	YES	NO x	UNSURE	
An area within the littoral active zone	YES	NO x	UNSURE	
An area in the coastal public property	YES	NO x	UNSURE	
Major anthropogenic structures	YES	NO x	UNSURE	
An area within a Coastal Protection Zone	YES	NO x	UNSURE	
An area seaward of the coastal management line	YES	NO x	UNSURE	
An area within the high risk zone (20 years)	YES	NO x	UNSURE	
An area within the medium risk zone (50 years)	YES	NO x	UNSURE	
An area within the low risk zone (100 years)	YES	NO x	UNSURE	

An area below the 5m contour	YES	NO x	UNSURE	
An area within 1km from the high water mark of the sea	YES	NO x	UNSURE	
A rocky beach	YES	NO x	UNSURE	
A sandy beach	YES	NO x	UNSURE	

(b) If any of the answers to the above is "YES" or "UNSURE", specialist input may be requested by the Department. (The 1:50 000 scale Regional Geotechnical Maps prepared by Geological Survey may also be used).

13. REGIONAL PLANNING CONTEXT

Is the activity permitted in terms of the property's existing land use rights?	YES x	NO	Please explain
The activities are situated on a property within an Agricultural and Resort Zone, and they are permitted under the property's existing land use rights.			
Will the activity be in line with the following?			
Provincial Spatial Development Framework (PSDF)	YES x	NO	Please explain
The Western Cape PSDF (2014) The PSDF, built on three spatial themes, sets out the spatial priority investment areas in the province. These spatial themes seek to ensure the: • sustainable use of the Western Cape's spatial assets; • opening-up of opportunities in the Provincial space-economy; and • development of integrated and sustainable settlements. The composite maps and spatial logic are the key spatial decision frames of the PSDF, as shown in other sections of this section. Municipal Spatial Development Frameworks (MSDFs) All MSDFs explicitly articulate and spatially reflect an investment strategy to direct government investment in space, whether in infrastructure investment, human settlements or protecting ecological assets. Common means of articulating these spatial priorities may be undertaken by defining and mapping the following zones (see Figure 18): • Priority Investment Areas: defining areas within the municipality / a specific settlement, that warrant priority in assisting the municipality in achieving its spatial development goals and objectives. • Upgrading Areas: defining zones in the municipality, which are predominating informal or marginalised, where specific intervention is required to upgrade the level of service /quality of urban environment / infrastructure capacity in support of bringing them to an acceptable standard if performance. • Restructuring or Integration Zones: Zones where the municipality would like to incentivise approached residential development, as well as social housing development, in support of promoting spatial justice and "stitching together" the urban environment. • Consolidation areas: In these areas the focus is to ensure the provision and maintenance of services so that the area may perform well within their current functions. • Medium to Long Term Growth Areas: These areas are the desired location for long term growth on the basis that, if appropriately developed, can help to achieve municipal objectives. • Spatial Planning Categories: At the municipal-wide scale, seek to guide appropriate development and protection measures within "core", "buffer" and "transition" zones, often closely related to the Biodiversity Spatial Plan.			

The Regional Spatial Implementation Frameworks all provide spatial targeting, as well as thematic investment areas, within specific regions of the province.

The Western Cape Spatial Development Framework identifies areas that should be prioritised and upgraded, and those are places that show investment opportunities. For example, the area of Hemel en Aarde is considered as a wine village, which attracts domestic and international travellers who like to enjoy peaceful areas offering tranquillity. The area is zoned for agricultural and tourism region.

Urban edge / Edge of Built environment for the area

YES

NO x

Please explain

The activity took place on the property that is within the Agricultural zone 1, with consent for tourism and is outside of an urban area.

Integrated Development Plan of the Local Municipality

YES x

NO

Please explain

The activities are in line with the existing operations of Volmoed Farm which all contribute to economic growth, social wellbeing, tourism and job creation in the area.

Spatial Development Framework of the Local Municipality

YES x

NO

Please explain

The activity is located on Volmoed Farm which is situated outside the urban area on an area zoned for agricultural activities with consent uses for tourism. The area is Hemel and Aarde Valley, an area well known for consisting of agricultural activities, mainly vineyards, conference facilities, travel accommodations and so forth. The area contributes to economic growth, job creation for locals, investment opportunities as well as beautiful sightseeing views attracting both domestic and international tourism.

Approved Structure Plan of the Municipality

YES

NO

Please explain

N/A

An Environmental Management Framework (EMF) adopted by the Department

YES x

NO

Please explain

The Overstrand Public Viewer and the Overstrand Municipality Spatial Development Framework (OMSDF, 2020) were consulted to determine the environmental management constraints relevant to the property. As shown in **Figure 7**, the property consists of a mapped Mountain Catchment zone, while a Riverine zone associated with the Onrusrivier runs from the north to the south of the property. NO ecological corridors or conservation worthy areas that have been mapped in the property.

The proposed development sites are entirely outside the mapped Mountain Catchment Zone and are situated more than 32 meters away from the river corridor, thereby avoiding direct impacts on the Riverine zone. Additionally, the development sites are located within an existing cluster of developments on Volmoed Farm.

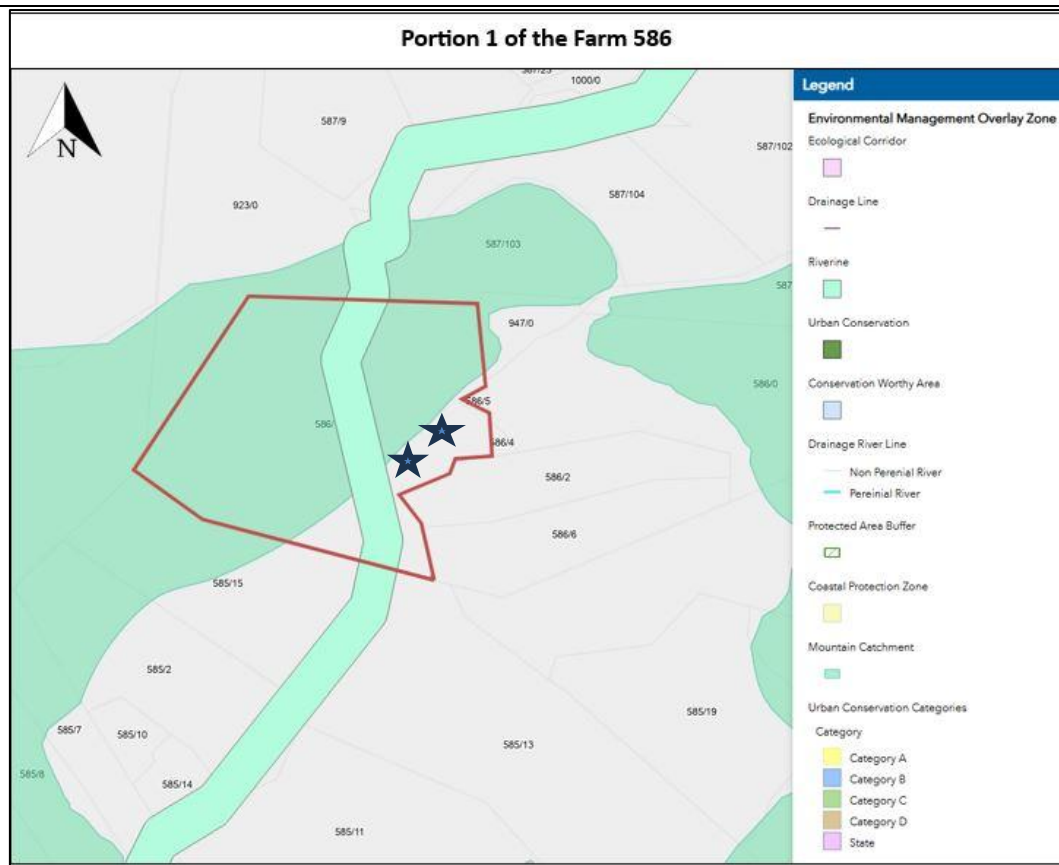


Figure 7: The proposed development sites (indicated by stars) are outside of the mapped Mountain Catchment Zone and Riverine.

Any other Plans	YES	NO	Please explain
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N/A

SECTION D: NEED AND DESIRABILITY

Please Note: Before completing this section, first consult this Department's *Guideline on Need and Desirability* (March 2013) available on the Department's website (<https://www.westerncape.gov.za/dept/eadp/services>).

PLEASE TAKE NOTE OF THE ADDITIONAL INFORMATION RELATING TO NEED AND DESIRABILITY IN LINE WITH THE DEPARTMENTAL GUIDELINE:

1. How will this development (and its separate elements/aspects) impact on the ecological integrity of the area?

1.1. How were the following ecological integrity considerations taken into account?:

1.1.1. Threatened Ecosystems –

The activities on the sites in question involves the clearance of 667 m² of indigenous vegetation for the development of single residential housing and an office. This has resulted in the loss of indigenous vegetation type which was listed as Critically Endangered at the time of clearance.

1.1.2. Sensitive, vulnerable, highly dynamic or stressed ecosystems, such as coastal shores, estuaries, wetlands, and similar systems require specific attention in management and planning procedures, especially where they are subject to significant human resource usage and development pressure

N/A – The impacted areas are located within Volmoed farm. There are not wetlands, or any aquatic ecosystems present on both sites.

1.1.3. Critical Biodiversity Areas (“CBAs”) and Ecological Support Areas (“ESAs”)

The sites are situated outside of the CBAs and ESAs.

1.1.4. Conservation targets

The clearance of natural vegetation without environmental authorisation on both sites have contributed to loss of 667 m² of indigenous vegetation type which was listed as Critically Endangered at the time of commencement. However, the applicant had pledged to implement comprehensive fire management and alien vegetation control measures within the property. It should be pointed out that the applicant actively collaborates with Western Cape's Working for Water program, the Department of Agriculture's LandCare initiative, and the Greater Overberg Fire Protection Association (goFPA) to effectively manage alien vegetation on the property. These measures are crucial for preserving the environmental quality of the property. Additionally, the landowner has pledged to prevent operational activities from encroaching on undeveloped natural areas and to preserve other natural areas on the property from disturbance.

1.1.5. Ecological drivers of the ecosystem

Small scale clearance alongside existing development on the property and not likely to have a significant impact on ecological drivers. Development activities took place within the already developed hub of the farm.

1.1.6. Environmental Management Framework

The development does not fall within or encroach upon categories underpinned in the Overstrand Municipality EMF.

1.1.7. Spatial Development Framework

The Western Cape Spatial Development Framework (WCSDF) encourages development within existing urban boundaries and infill development. The framework also promotes the utilization of areas with potential for growth and development. The area attracts both domestic and international tourists, contributing to economic development and job creation. It is important to note that the cleared sites are within a cluster of existing housing developments on the property, with established roads and service infrastructure.

1.1.8. Global and international responsibilities relating to the environment (e.g. RAMSAR sites, Climate Change,

The applicant actively collaborates with Western Cape's Working for Water program, the Department of Agriculture's LandCare initiative, and the Greater Overberg Fire Protection Association (goFPA) to effectively manage alien vegetation on the property. These steps are crucial for preserving the property's environmental quality.

1. Was the activity permitted in terms of the property's land use rights at the time of commencement?	YES x	NO	Please explain
The activity is in line with the existing purpose of the property which is agricultural and resort zone.			

2. Was the activity in line with the following?			
(a) Provincial Spatial Development Framework (PSDF)	YES x	NO	Please explain
The activity is in line with the Western Cape Spatial Development Framework because the cleared and developed areas are within the cluster of housing existing on the farm. This, however, can be considered as infill development with existing infrastructure, which is already available on the property, as well as roads which are already connected to the areas in question.			
(b) Urban edge / Edge of Built environment for the area	YES	NO x	Please explain
The subject property is not within urban edge.			
(c) Integrated Development Plan and Spatial Development Framework of the Local Municipality (e.g. would the approval of this application have compromised the integrity of the existing approved and credible municipal IDP and SDF?).	YES	NO	Please explain
The development is in line with the existing development in the property. The subject property is within the agricultural zone.			
(d) Approved Structure Plan of the Municipality	YES	NO	Please explain
N/A			

(e) An Environmental Management Framework (EMF) adopted by the Department (e.g. Would the approval of this application have compromised the integrity of the existing environmental management priorities for the area and if so, can it be justified in terms of sustainability considerations?)	YES	NO x	Please explain
N/A			
(f) Any other Plans (e.g. Guide Plan)	YES	NO	Please explain
N/A			

3. Was the land use (associated with the activity for which rectification is sought) considered within the timeframe intended by the existing approved Spatial Development Framework (SDF) agreed to by the relevant environmental authority (i.e. was the development in line with the projects and programmes identified as priorities within the relevant IDP)?	YES x	NO	Please explain
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The land use where this activity occurred is zoned for agricultural and resort zone. The application is for retrospective rectification of the activity that has already took place.

4. Should development, or if applicable, expansion of the town/area concerned in terms of this land use (associated with the activity being applied for) have occurred here when activities commenced?	YES x	NO	Please explain
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The activity involves clearance of vegetation to establish a single residential dwelling within the built-up precinct of the Volmoed Farm. A contained was also placed on the farm for office use, however this was in a lawned area which did not contain natural vegetation.

5. Did the community/area need the activity and the associated land use concerned (was it a societal priority)? (This refers to the strategic as well as local level (e.g. development is a national priority, but within a specific local context it could be inappropriate.)	YES	NO	Please explain
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The development is not a social priority.

6. Were the necessary services with adequate capacity available (at the time of commencement), or was additional capacity created to cater for the development? (Confirmation by the relevant Municipality in this regard must be attached to the Application Form / additional information as an appendix , where applicable.)	YES	NO	Please explain
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The activity does not require additional service infrastructure or use. The sites are located within the existing farm; therefore no written confirmation required and forms minor additions to existing activities on site.

7. Is/was this development provided for in the infrastructure planning of the municipality, and if not what was/will the implication be on the infrastructure planning of the municipality (priority and placement of services and opportunity costs)? (Comment by the relevant Municipality in this regard must be attached to the Application Form / additional information as an appendix , where applicable.)	YES	NO	Please explain
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The development is in line with the current zoning of the property.

8. Was this project part of a national programme to address an issue of national concern or importance?	YES	NO x	Please explain
N/A			

9. Did location factors favour this land use (associated with the activity applied for) at this place? (This relates to the contextualisation of the land use on this site within its broader context.)	YES x	NO	Please explain
The property is situated within an area designated for agricultural and resort purposes and the additional activities are located within the developed area of the Volmoed Farm.			

10. How did/does the activity or the land use associated with the activity applied for, impact on sensitive natural and cultural areas (built and rural/natural environment)?	YES	NO	Please explain
The activity involved clearance of natural vegetation at Site 2 to develop a single residential dwelling. Site 1, where the office was developed, was already transformed and characterised by lawn. The development is located within the already developed areas on the Volmoed Farm close to existing access and service infrastructure.			

11. How did/does the development impact on people's health and wellbeing (e.g. in terms of noise, odours, visual character and sense of place, etc.)?	YES	NO	Please explain
No impact anticipated – the activities are aligned with existing activities on site and took place within the already developed areas on site.			

12. Did/does the proposed activity or the land use associated with the activity applied for, result in unacceptable opportunity costs?	YES	NO x	Please explain
N/A – the development was small scale and took place within the already developed areas on Volmoed Farm.			

13. What were the cumulative impacts (positive and negative) of the land use associated with the activity applied for?	YES	NO	Please explain
Loss of indigenous vegetation which was listed as Critically endangered at the time of clearance as per the National List of Ecosystems that Are Threatened and In Need of Protection.			

14. Is/was the development the best practicable environmental option for this land/site?	YES x	NO	Please explain
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The activities which took place are small scale and are located within the already developed area of Volmoed Farm, utilising exiting service and access infrastructure. The activities are clustered, in line with existing activities and now sprawled across the natural areas on the property.

15. What are/were the benefits to society in general and to the local communities?	Please explain
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Minor – additional opportunities at the existing Volmoed Farm within their existing development area. The development was not on the natural outlying areas on the farm.

16. Any other need and desirability considerations related to the activity?	Please explain
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The intent of the unauthorised clearance on the property was to develop an additional dwelling for management staff as well as additional office space. This, however, state unauthorised activity took place within the already developed precinct on the property, close to existing infrastructure and services.

The development activities are small scale and located within the already developed precinct of Volmoed Farm. The activities are clustered in one development zone on the property and did not impact natural areas on other parts of the farm.

17. Please describe how the general objectives of Integrated Environmental Management as set out in section 23 of NEMA were taken into account:

Section 23 of NEMA emphasizes the importance of considering environmental factors in decision-making process to promote sustainable development. This includes assessing potential environmental impacts, identifying and implementing appropriate mitigation measures, and promoting public participation in environmental decision-making.

However, in the case under review, where the activity involves vegetation clearance, there has been a subsequent pursuit of retrospective rectification. It is important to highlight that the application of the Integrated Environmental Management objectives was not evident during the implementation and development stages of the activity.

18. Please describe how the **principles of environmental management** as set out in section 2 of NEMA were taken into account:

In accordance with section 2 of the National Environmental Management Act (NEMA), the principles of environmental management have been considered to ensure a comprehensive evaluation. The precautionary principle is central to these considerations, encouraging sustainable development that preserves the sense of place while exploring feasible and reasonable alternatives to achieve these objectives.

This application ensures that operations proceed cautiously, with mitigated and managed impacts to maximize positive outcomes. Although the development had already commenced on the property, with minimal advancements made to the foundations for single residential housing and an office, specific attention will be given to preserving the remainder of the property through conservation servitude. The applicant is committed to managing and implementing alien vegetation clearing and fire management strategies to protect and maintain the natural environment.

SECTION E: ALTERNATIVES

Please Note: Before completing this section, first consult this Department's *Guideline on Alternatives* (March 2013) available on the Department's website (<https://www.westerncape.gov.za/dept/eadp/services>).

"Alternatives", in relation to an activity, means different means of meeting the general purposes and requirements of the activity, which may include alternatives to –

- (a) the property on which, or location where, it is to undertake the activity/the activity was undertaken;
- (b) the type of activity to be undertaken;
- (c) the design or layout of the activity;
- (d) the technology to be used in the activity;
- (e) the operational aspects of the activity; and
- (f) the option of not implementing the activity.

The NEMA prescribes that the procedures for the investigation, assessment and communication of the (potential) consequences or impacts of activities on the environment must, *inter alia*, with respect to every application for environmental authorisation –

- ensure that the general objectives of integrated environmental management laid down in NEMA and the National Environmental Management Principles set out in NEMA are taken into account; and (where applicable)
- include an investigation of the potential consequences or impacts of the alternatives to the activity on the environment and assessment of the significance of those potential consequences or impacts, including the option of not implementing the activity.

The general objective of integrated environmental management is, *inter alia*, to "identify, predict and evaluate the actual and potential impact on the environment, socio-economic conditions and cultural heritage, the risks and consequences and alternatives and options for mitigation of activities, with a view to minimising negative impacts, maximising benefits, and promoting compliance with the principles of environmental management" set out in NEMA.

1. In the sections below, please provide a description of any considered alternatives and alternatives that were found to be feasible and reasonable.

Please note:

- Detailed written proof of the investigation of alternatives must be provided. If no reasonable or feasible alternative exists, a motivation must be provided.
- Alternatives considered for a Section 24G application are used to determine if the development was the best practicable alternative (environmentally, socially and economically) for the site or property.
- In respect of a section 24 application, the option of not implementing the activity ("no-go"), includes the option of ceasing the activity, not implementing continuation of the activity, refusal of the commenced activity and complete rehabilitation of the affected site.

(a) Property and location/site alternatives to avoid negative impacts, mitigate unavoidable negative impacts and maximise positive impacts, or detailed motivation if no reasonable or feasible alternatives exist:

No property location or site alternatives exist.

(b) Activity alternatives to avoid negative impacts, mitigate unavoidable negative impacts and maximise positive impacts, or detailed motivation if no reasonable or feasible alternatives exist:

No activity alternatives exist – the activity is already in place

(c) Design or layout alternatives to avoid negative impacts, mitigate unavoidable negative impacts and maximise positive impacts, or detailed motivation if no reasonable or feasible alternatives exist:

No design or layout design alternatives are available, since the activity has already taken place.

(d) Technology alternatives (e.g. to reduce resource demand and resource use efficiency) to avoid negative impacts, mitigate unavoidable negative impacts and maximise positive impacts or detailed motivation if no reasonable or feasible alternatives exist:

No technology alternatives exist – although the development which took place is low impact, modular type development. The office is a container which was placed on site and the dwelling is a low impact building with pillar foundations.

(e) Operational alternatives to avoid negative impacts, mitigate unavoidable negative impacts and maximise positive impacts, or detailed motivation if no reasonable or feasible alternatives exist:

No operational alternatives exist

(f) The option of ceasing the activity (the refusal of the activity(ies) and/or rehabilitation of the site):

The option of ceasing the activity and allowing the site to rehabilitate naturally will be explored as Alternative 1, however, this is not a preferred alternative.

(g) 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:

No other alternatives existing for the case. The application is for retrospective rectification

(h) Please provide a summary of the alternatives investigated and the outcomes of such investigation:

Please note: If no feasible and reasonable alternatives exist, the description and proof of the investigation of alternatives, together with motivation of why no feasible or reasonable alternatives exist, must be provided.

Two alternatives will be assessed herein, being;

Alternative 1: ceasing all the activities, removing all the structures developed on both sites and allowing the land to rehabilitate naturally. However, this is not a preferred alternative. It must also note that Site 1 was lawned prior to commencement and was not characterised by natural vegetation.

Alternative 2 (preferred): The preferred alternative involves seeking retrospective authorization to continue with the activities. This option recognizes that development has already commenced, and the applicant aims to rectify and / or manage any impacts caused. The applicant is committed to mitigating these impacts through various conservation efforts on the broader farm. Specifically, they are actively engaged in alien vegetation management in collaboration with Western Cape Working for Water and Landcare and are affiliated with the Hemel and Aarde Conservancy. Furthermore, the applicant intends to responsibly manage and preserve the remaining vegetation on the property, ensuring that no further damage occurs to these areas. It is also important to note that the development which took place was within the existing developed precinct of the Volmoed Farm and did not impact natural areas on the remainder of the property.

SECTION F: IMPACT ASSESSMENT, MANAGEMENT, MITIGATION AND MONITORING MEASURES

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

Please note: The information in this section must be duplicated for all the feasible and reasonable alternatives (where relevant).

1. PLEASE DESCRIBE THE MANNER IN WHICH THE DEVELOPMENT HAS IMPACTED ON THE FOLLOWING ASPECTS:

(a) Geographical and physical aspects:

The clearance of vegetation took place for the establishment of a single residential dwelling. An office space was also added in the form of a shipping container, but this was placed on a lawned area which was already transformed.

(b) Biological aspects:

Has the development impacted on critical biodiversity areas (CBAs) or ecological support areas (ESAs)?	YES	NO x
If yes, please describe:		
The areas that have been cleared on the property are not within a Critical Biodiversity Area (CBA) or Ecological Support Area (ESA) in terms of WCBSP, (2017) as indicated in Figure 8 below. The activities are located within the existing development hub of Volmoed Farm.		

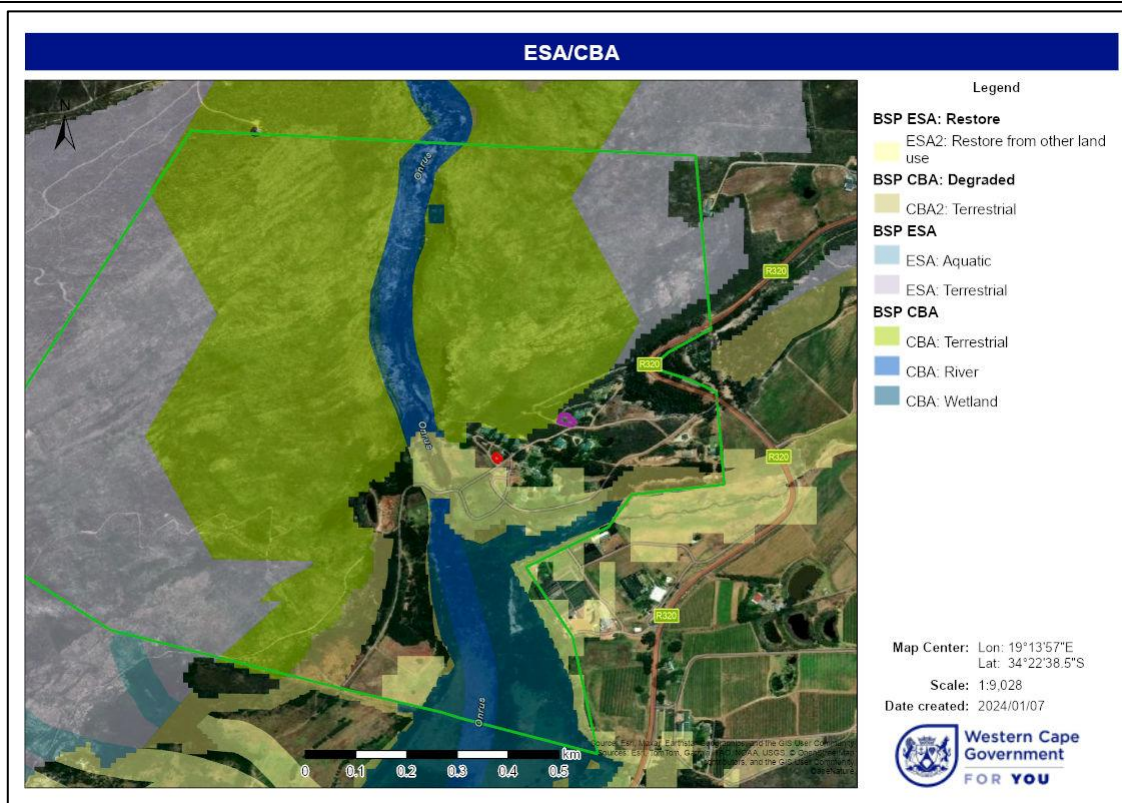


Figure 8: The sites cleared for the development area not within the CBA or ESA (WCBSP, 2017).

Has the development impacted on terrestrial vegetation, or aquatic ecosystems (wetlands, estuaries or the coastline)?

YES
x

NO

If yes, please describe:

The clearance of vegetation on-site has contributed to the loss of Elim Ferricrete Fynbos, previously classified as Critically Endangered under the National List of Ecosystems that are Threatened and in Need of Protection (2011). However, in the Revised National List of Ecosystems that are Threatened and in Need of Protection (2022), it has been reclassified as Endangered Ecosystem type. There are no watercourses, wetlands, estuaries, or coastal ecosystems that have been impacted by the commenced activity.

Has the development impacted on any populations of threatened plant or animal species, and/or on any habitat that may contain a unique signature of plant or animal species?

YES
x

NO

If yes, please describe:

According to the Botanical Assessment conducted on-site, the property is predominantly covered by Elim Ferricrete Fynbos, with a smaller portion of Overberg Sandstone Fynbos occurring in the north-eastern section. At the time of vegetation clearance, both vegetation types were previously classified as Critically Endangered under the National List of Ecosystems that are Threatened and in Need of Protection (2011). However, in the Revised National List of Ecosystems that are Threatened and in Need of Protection (2022), both have been reclassified as Endangered Ecosystem types. These vegetation types are known for supporting a high diversity of endemic plant species, some of which may be listed as Species of Conservation Concern (SCC). A total of about 4 Proteaceae species of conservation concern were identified on the Overberg Sandstone Fynbos. It is predicted by the specialist that, only a very small, insignificant portion of this fynbos type could have been lost in the development.

Additionally, it was highlighted in the Botanical Assessment that the most prolific vegetation type on the property is Elim Ferricrete Fynbos vegetation. The activity on site contributed to the loss of this vegetation type. It was further noted that

the impact of vegetation removal at the dwelling site was deduced from studying the area next to the development site and therefore the botanist was able to confirm that the fynbos was likely in a senescent and overgrown state before removal. No plant species of conservation concern (SoCC) have been found on the Elim Ferricrete Fynbos within 30-40m of the development site. Furthermore, no plants species of conservation concern that have been lost as a result of cleared.

Please describe the manner in which any other biological aspects were impacted:

The biological aspects that were impacted during the clearance were plant species of Elim Ferricrete Fynbos vegetation within the already developed precinct of Volmoed Farm.

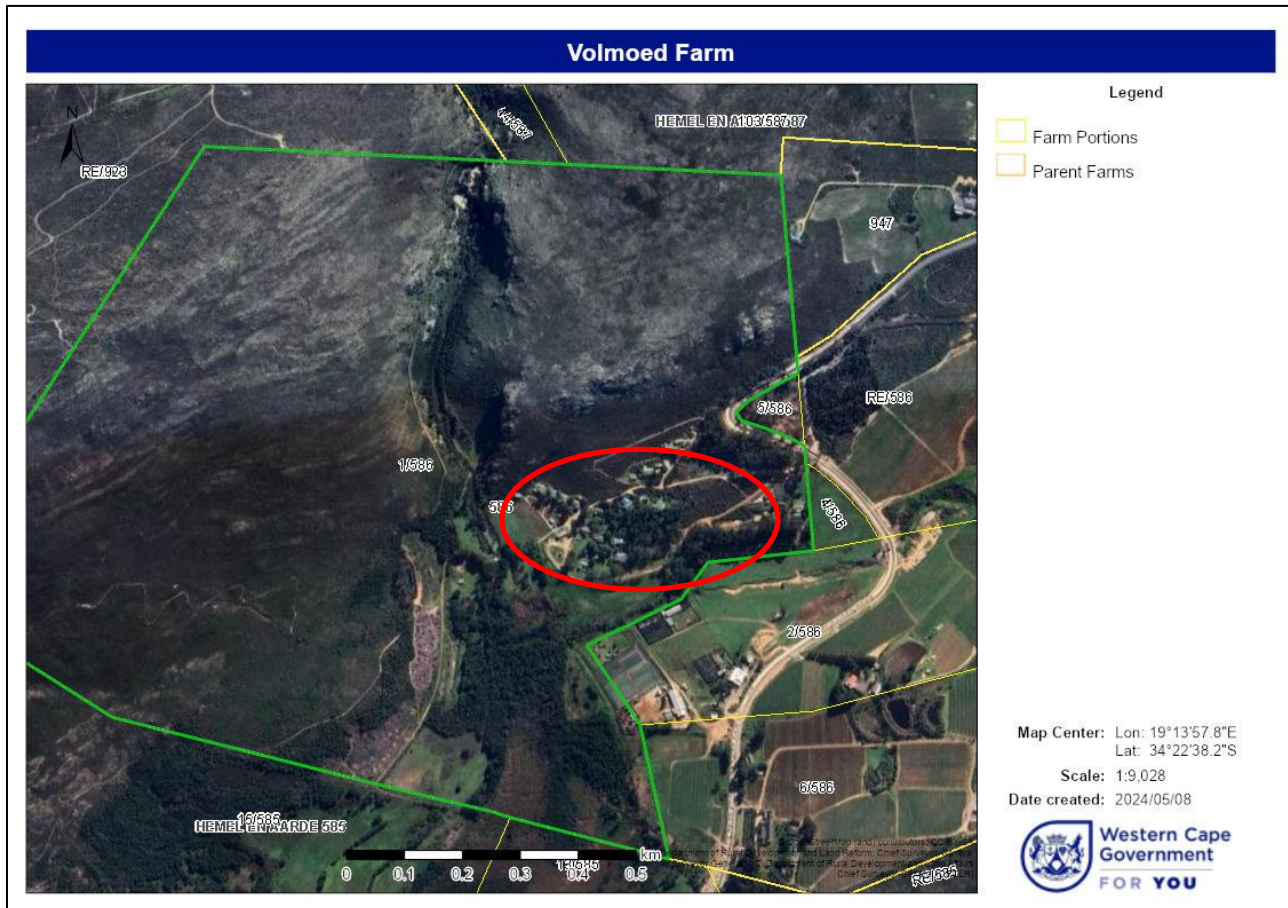


Figure 9. Volmoed Farm with developed precinct indicated in red – remainder of the farm is natural.



(c) Socio-Economic aspects:

What was the capital value of the activity on completion?	R unknown	
What is the (expected) yearly income or contribution to the economy that is/will be generated by or as a result of the activity?	R unknown	
Has/will the activity have contributed to service infrastructure? There are existing services available onsite.	YES x	NO
How many new employment opportunities were/will be created in the construction phase of the activity?	Unknown	
What was the value of the employment opportunities during the construction phase?	R Unknown	
What percentage of this accrued to previously disadvantaged individuals?	Unknown %	
How was this ensured and monitored (please explain):		
N/A		

How many permanent new employment opportunities were/will be created during the operational phase of the activity?	
There are currently 18 staff members employed in the farm.	
What is the current/expected value of the employment opportunities during the first 10 years?	Not known
What percentage of this accrued/will accrue to previously disadvantaged individuals?	The majority of farm labourers and housekeeping are PDI %
How was/will this be ensured and monitored (please explain):	
N/A	
Any other information related to the manner in which the socio-economic aspects was/will be impacted:	
The commencement of activities on the farm is not anticipated to have had any significant negative socio-economic impacts.	

(d) Cultural and historic aspects:

Not applicable, the activity is in line with activities on and surrounding farms and located within the existing development precinct on Volmoed Farm.
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2. WASTE AND EMISSIONS

(a) Waste (including effluent) management

Did the activity produce waste (including rubble) during the construction phase?	YES x	NO
If yes, indicate the types of waste (actual type of waste, e.g. oil, and whether hazardous or not) and estimated quantity per type?	Unknown m ³	
Typical small-scale construction related waste was generated as part of the development phase and was removed by the contractor to a licenced facility. No construction rubble or waste was evident during the site visit.		

Does the activity produce waste during its operational phase?	YES x	NO
If yes, indicate the types of waste (actual type of waste, e.g. oil, and whether hazardous or not) and estimated quantity per type?	Unknown m ³	
Household type of waste such as refuse, and sewer waste are produced by the activity. Operational waste feeds into the existing waste streams on site and no expansion of these were required to service the new development.		

Where and how was/will the waste be treated / disposed of (describe)?

The new development areas connect to existing service infrastructure on site. No additions or changes to existing services were required for the new development.		
Has the municipality or relevant authority confirmed that sufficient capacity exists for treating / disposing of the waste (to be) generated by this activity(ies)? If yes, provide written confirmation from Municipality or relevant authority	YES	NO
The new development feeds into existing service infrastructure on site and no changes were required to service these new developed areas.		
Does/will the activity produce waste that is/will be treated and/or disposed of at another facility other than into a municipal waste stream?	YES	NO x
If yes, has this facility confirmed that sufficient capacity exists for treating / disposing of the waste (to be) generated by this activity(ies)? Provide written confirmation from the facility and provide the following particulars of the facility: N/A	YES	NO
Does the facility have an operating license? (If yes, please attach a copy of the license.) N/A	YES	NO
Facility name: N/A		
Contact person: N/A		
Postal address: N/A		
	Postal code: N/A	
Telephone: N/A	Cell: N/A	
E-mail: N/A	Fax: N/A	

Describe the measures that were/will be taken to reduce, reuse or recycle waste:
Sorting of waste and reuse take place at a household / onsite level as far as possible.

(b) Emissions into the atmosphere

Does/will the activity produce emissions that will be disposed of into the atmosphere?	YES	NO x
If yes, does it require approval in terms of relevant legislation?	YES	NO x
Describe the emissions in terms of type and concentration and how it is/will be treated/mitigated:		
N/A		

3. WATER USE

Please indicate the source(s) of water for the activity by ticking the appropriate boxes)

Municipal X	Water board	Groundwater	River, Stream, Dam or Lake	Other	The activity did/does/will not use water
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If water was extracted from a groundwater source, river, stream, dam, lake or any other natural feature, please indicate the volume that was extracted per month:	
N/A	m ³

Please provide proof of assurance of water supply (e.g. Letter of confirmation from municipality / water user associations, yield of borehole)	
Did/does the activity require a water use permit / license from DWA? N/A	YES NO x
If yes, please submit a certified copy of the water use permit/license or submit the necessary application to Department of Water Affairs and attach proof thereof to this application, whichever is applicable.	
Describe the measures that were/ will be taken to reduce water demand, and measures to reuse or recycle water:	
Onsite measures are implemented to reduce water demand and use as far as possible.	

4. POWER SUPPLY

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

Eskom is the main source of power supply.
If power supply is not available, where will power be sourced from?
The farm has 64 solar panels installed which are utilised as alternative energy source.

5. ENERGY EFFICIENCY

Describe the design measures, if any, that have been taken to ensure that the activity is energy efficient:
N/A
Describe how alternative energy sources have been taken into account or been built into the design of the activity, if any:
No other alternative energy sources have been taken into account.

6. DESCRIPTION AND ASSESSMENT OF THE SIGNIFICANCE OF IMPACTS prior to and after MITIGATION

Please note:

- While sections are provided for impacts on certain aspects of the environment and certain impacts, the sections should also be copied and completed for all other impacts.
- Mitigation measures that were implemented and mitigation measures that are to be implemented should be clearly distinguished.

- (a) Impacts that resulted from the **planning, design and construction phases** (briefly describe and compare the impacts (as appropriate), significance rating of impacts, proposed mitigation and significance rating of impacts after mitigation that occurred as a result of the planning, design and construction phases.

ALTERNATIVE 1

Ceasing the activity, remove new buildings and infrastructure and allow the natural vegetation to rehabilitate naturally

Impacts on geographical and physical aspects:	Vegetation removal: Loss of plant species associated with Elim Ferricrete Fynbos
Nature of impact:	Loss of the Elim Ferricrete Fynbos in the development sites which was listed as Critically Endangered.
Extent and duration of impact:	Local; short-term
Probability of occurrence:	Definite
Degree to which the impact can be reversed:	Medium
Degree to which the impact may cause irreplaceable loss of resources:	High
Cumulative impact prior to mitigation:	Loss of Critically endangered species associated with Elim Ferricrete Fynbos vegetation, and disturbance of soils on site
Significance rating of impact prior to mitigation (Low, Medium, Medium-High, High, or Very-High)	Medium
Degree to which the impact can be mitigated:	Medium
Proposed mitigation:	- No mitigation available to vegetation clearance which has already taken place - The only mitigation will be to continue with the activity since the vegetation had already been lost and the site has been developed, this will minimise clearance to other natural sites on the property.

	Preserving other natural areas on the property from being disturbed.
Cumulative impact post mitigation:	Many developments in the region and the present vegetation loss and threatened plant species loss to agriculture, alien vegetation invasion, and development. The overall cumulative ecological impact of 660 m2 of development at regional level is likely to be Low but it is vital that no further loss is caused.
Significance rating of impact after mitigation (Low, Medium, Medium-High, High, or Very-High)	Low (-)

Impact on biological aspects:

Nature of impact:	Small scale disturbance of indigenous vegetation on site
Extent and duration of impact:	Local; long term
Probability of occurrence:	Possible
Degree to which the impact can be reversed:	Probable
Degree to which the impact may cause irreplaceable loss of resources:	Medium
Cumulative impact prior to mitigation:	Continued loss threatened species of indigenous vegetation.
Significance rating of impact prior to mitigation (Low, Medium, Medium-High, High, or Very-High)	Medium
Degree to which the impact can be mitigated:	Medium
Proposed mitigation:	- Remove new infrastructure allow vegetation to rehabilitate naturally. - Preserving other natural areas on the property from being disturbed.
Cumulative impact post mitigation:	The loss and probably areas of indigenous vegetation have been compromised in the developed areas.
Significance rating of impact after mitigation (Low, Medium, Medium-High, High, or Very-High)	Low -ve

Impacts on socio-economic aspects:

Nature of impact:	Job creation and skills transfer
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Extent and duration of impact:	Local; short-term
Probability of occurrence:	Likely
Degree to which the impact can be reversed:	N/A
Degree to which the impact may cause irreplaceable loss of resources:	N/A
Cumulative impact prior to mitigation:	N/A
Significance rating of impact prior to mitigation (Low, Medium, Medium-High, High, or Very-High)	High positive
Degree to which the impact can be mitigated:	N/A
Proposed mitigation:	Labourers to be sourced locally as far as possible
Cumulative impact post mitigation:	Labourers were sourced locally
Significance rating of impact after mitigation (Low, Medium, Medium-High, High, or Very-High)	High +ve

Impacts on cultural-historical aspects:

Nature of impact:	N/A.
Extent and duration of impact:	-
Probability of occurrence:	-
Degree to which the impact can be reversed:	-
Degree to which the impact may cause irreplaceable loss of resources:	-
Cumulative impact prior to mitigation:	-
Significance rating of impact prior to mitigation (Low, Medium, Medium-High, High, or Very-High)	-
Degree to which the impact can be mitigated:	-
Proposed mitigation:	-
Cumulative impact post mitigation:	-
Significance rating of impact after mitigation (Low, Medium, Medium-High, High, or Very-High)	-

Noise impacts:	
Nature of impact:	Noise from the machinery and labourers during the construction period
Extent and duration of impact:	Local; short-term
Probability of occurrence:	Likely
Degree to which the impact can be reversed:	N/A
Degree to which the impact may cause irreplaceable loss of resources:	very low
Cumulative impact prior to mitigation:	Nuisance to residentials and guests on site
Significance rating of impact prior to mitigation (Low, Medium, Medium-High, High, or Very-High)	Medium to low – small scale, short term
Degree to which the impact can be mitigated:	High
Proposed mitigation:	Use of vibration isolators and impact-absorbing materials to reduce the noise generated
Cumulative impact post mitigation:	Removal of newly built infrastructure to allow the site to rehabilitate back to natural will result in additional noise impacts.
Significance rating of impact after mitigation (Low, Medium, Medium-High, High, or Very-High)	Low -ve

Visual impacts / Sense of Place:	
Nature of impact:	Short term construction to develop the new sites. Impacts associated with removal of structures to cease the activity and allow for rehabilitation of the site
Extent and duration of impact:	Local; short-term
Probability of occurrence:	Likely
Degree to which the impact can be reversed:	Low
Degree to which the impact may cause irreplaceable loss of resources:	N/A

Cumulative impact prior to mitigation:	-
Significance rating of impact prior to mitigation (Low, Medium, Medium-High, High, or Very-High)	Medium
Degree to which the impact can be mitigated:	-
Proposed mitigation:	-
Cumulative impact post mitigation:	-
Significance rating of impact after mitigation (Low, Medium, Medium-High, High, or Very-High)	Low negative

- (b) **Impacts that result from the operational phase** (briefly describe and compare impacts (as appropriate), significance rating of impacts, proposed mitigation and significance rating of impacts after mitigation that are likely to occur as a result of the operational phase.

Impacts on the geographical and physical aspects:	
Nature of impact:	Ceasing of the activity means that there will not be any operational impacts.
Extent and duration of impact:	-
Probability of occurrence:	-
Degree to which the impact can be reversed:	-
Degree to which the impact may cause irreplaceable loss of resources:	-
Cumulative impact prior to mitigation:	-
Significance rating of impact prior to mitigation (Low, Medium, Medium-High, High, or Very-High)	-
Degree to which the impact can be mitigated:	-
Proposed mitigation:	-
Cumulative impact post mitigation:	-

Significance rating of impact after mitigation (Low, Medium, Medium-High, High, or Very-High)	-
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Impact on biological aspects:	
Nature of impact:	Ceasing of activity to allow the impacted area to rehabilitate to a natural state
Extent and duration of impact:	local; small scale
Probability of occurrence:	Low
Degree to which the impact can be reversed:	N/A
Degree to which the impact may cause irreplaceable loss of resources:	Low
Cumulative impact prior to mitigation:	Ceasing operational activities, removal of built infrastructure to allow the sites to rehabilitate to pre-development state
Significance rating of impact prior to mitigation (Low, Medium, Medium-High, High, or Very-High)	Low
Degree to which the impact can be mitigated:	N/A
Proposed mitigation:	N/A
Cumulative impact post mitigation:	N/A
Significance rating of impact after mitigation (Low, Medium, Medium-High, High, or Very-High)	Low -ve

Impacts on the socio-economic aspects:	
Nature of impact:	N/A
Extent and duration of impact:	-
Probability of occurrence:	-
Degree to which the impact can be reversed:	-
Degree to which the impact may cause irreplaceable loss of resources:	-
Cumulative impact prior to mitigation:	-

Significance rating of impact prior to mitigation (Low, Medium, Medium-High, High, or Very-High)	-
Degree to which the impact can be mitigated:	-
Proposed mitigation:	-
Cumulative impact post mitigation:	-
Significance rating of impact after mitigation (Low, Medium, Medium-High, High, or Very-High)	-

Impacts on the cultural-historical aspects:

Nature of impact:	N/A
Extent and duration of impact:	-
Probability of occurrence:	-
Degree to which the impact can be reversed:	-
Degree to which the impact may cause irreplaceable loss of resources:	-
Cumulative impact prior to mitigation:	-
Significance rating of impact prior to mitigation (Low, Medium, Medium-High, High, or Very-High)	-
Degree to which the impact can be mitigated:	-
Proposed mitigation:	-
Cumulative impact post mitigation:	-
Significance rating of impact after mitigation (Low, Medium, Medium-High, High, or Very-High)	-

Noise impacts:

Nature of impact:	Impacts associated with the removal of newly built infrastructure to allow the area to rehabilitate to a natural state
Extent and duration of impact:	Local; short term
Probability of occurrence:	Likely
Degree to which the impact can be reversed:	N/A
Degree to which the impact may cause irreplaceable loss of resources:	Low
Cumulative impact prior to mitigation:	Typical noise impacts associated with the removal of newly built infrastructure

Significance rating of impact prior to mitigation (Low, Medium, Medium-High, High, or Very-High)	Low
Degree to which the impact can be mitigated:	N/A
Proposed mitigation:	N/A
Cumulative impact post mitigation:	N/A
Significance rating of impact after mitigation (Low, Medium, Medium-High, High, or Very-High)	Low

(c) Impacts that may result from the **decommissioning** and closure phase (briefly describe and compare the potential impacts (as appropriate), significance rating of impacts, proposed mitigation and significance rating of impacts after mitigation that are likely to occur as a result of the decommissioning and closure phase.

As discussed above – relating to the removal of the structure to allow for natural rehabilitation Impact associated with are short term and local and not significant.

ALTERNATIVE 2 (PREFERRED)

This is the preferred option, where the landowner obtains retrospective Environmental Authorisation to continue with the activity.

(a) Impacts that resulted from the **planning, design and construction phases** (briefly describe and compare the impacts (as appropriate), significance rating of impacts, proposed mitigation and significance rating of impacts after mitigation that occurred as a result of the planning, design and construction phases.

Impacts on geographical and physical aspects:	
Nature of impact:	An area of approximately 667 m ² of Elim Ferricrete Fynbos vegetation was disturbed and removed in preparation for the development.
Extent and duration of impact:	Local; long-term
Probability of occurrence:	Definite (occurred)
Degree to which the impact can be reversed:	Medium – only through rehabilitation of the site
Degree to which the impact may cause irreplaceable loss of resources:	Low due to small scale of impact and its location within the developed area of Volmoed Farm
Cumulative impact prior to mitigation:	Possible loss of red-listed plant species of Elim Ferricrete Fynbos although the impacted area is very small and directly adjacent to the already developed area on Volmoed Farm. The Botanical assessment concluded that no species of conservation concern were recorded in their assessment and in close proximity to the impacted area.
Significance rating of impact prior to mitigation (Low, Medium, Medium-High, High, or Very-High)	Medium
Degree to which the impact can be mitigated:	Low
Proposed mitigation:	→ Create awareness amongst the residents so that they will understand the relevance of the natural environment and of rare plants which may be found in the Elim Ferricrete areas → Clear alien invasive plants. This needs to be on-going and special focus could be made within the area of Elim Ferricrete Fynbos. → Protect remaining areas of Elim Ferricrete Fynbos. Make sure no more development activities occur within this fynbos type without first undergoing the necessary environmental impact assessment. → Look for bulb species in the Fynbos and record these on iNaturalist. Protect the areas where new plants appear. → Instigate a stewardship agreement with CapeNature for the natural areas of Volmoed.
Cumulative impact post mitigation:	Many developments in the region and the present vegetation loss and threatened plant species loss to agriculture, alien vegetation invasion, and development. The overall cumulative ecological impact of 660 m ² of

	development at regional level is likely to be Low but it is vital that no further loss is caused.
Significance rating of impact after mitigation (Low, Medium, Medium-High, High, or Very-High)	Low -ve

Impact on biological aspects:	
Nature of impact:	In this instance the primary direct impacts have already occurred, being the permanent loss of natural vegetation.
Extent and duration of impact:	Local; long-term
Probability of occurrence:	Definite (already occurred)
Degree to which the impact can be reversed:	Medium
Degree to which the impact may cause irreplaceable loss of resources:	Low
Cumulative impact prior to mitigation:	Sprawl of activities on site to more natural areas outside the development precinct.
Significance rating of impact prior to mitigation (Low, Medium, Medium-High, High, or Very-High)	Medium
Degree to which the impact can be mitigated:	Low
Proposed mitigation:	→ Create awareness amongst the residents so that they will understand the relevance of the natural environment and of rare plants which may be found in the Elim Ferricrete areas → Clear alien invasive plants. This needs to be on-going and special focus could be made within the area of Elim Ferricrete Fynbos. → Protect remaining areas of Elim Ferricrete Fynbos. Make sure no more development activities occur within this fynbos type without first undergoing the necessary environmental impact assessment. → Look for bulb species in the Fynbos and record these on iNaturalist. Protect the areas where new plants appear. → Instigate a stewardship agreement with CapeNature for the natural areas of Volmoed.
Cumulative impact post mitigation:	Continued loss of CR endangered vegetation
Significance rating of impact after mitigation (Low, Medium, Medium-High, High, or Very-High)	Low (-)

Impacts on socio-economic aspects:	
Nature of impact:	Short-term job creation and skills transfer in construction
Extent and duration of impact:	Local; short to long-term
Probability of occurrence:	Possible
Degree to which the impact can be reversed:	N/A

Degree to which the impact may cause irreplaceable loss of resources:	N/A
Cumulative impact prior to mitigation:	Small scale socio-economic benefits associated with the land preparation
Significance rating of impact prior to mitigation (Low, Medium, Medium-High, High, or Very-High)	High
Degree to which the impact can be mitigated:	N/A
Proposed mitigation:	Labour must be sourced locally
Cumulative impact post mitigation:	Job creation, investment opportunities and improved social wellbeing
Significance rating of impact after mitigation (Low, Medium, Medium-High, High, or Very-High)	High +ve

Impacts on cultural-historical aspects:

Nature of impact:	None identified – the activity is in line with the current zoning
Extent and duration of impact:	-
Probability of occurrence:	-
Degree to which the impact can be reversed:	-
Degree to which the impact may cause irreplaceable loss of resources:	-
Cumulative impact prior to mitigation:	-
Significance rating of impact prior to mitigation (Low, Medium, Medium-High, High, or Very-High)	-
Degree to which the impact can be mitigated:	-
Proposed mitigation:	-
Cumulative impact post mitigation:	-
Significance rating of impact after mitigation (Low, Medium, Medium-High, High, or Very-High)	-

Noise impacts:

Nature of impact:	Noise from the machinery and labourers during construction – this impact has already occurred.
Extent and duration of impact:	Local; short-term
Probability of occurrence:	Likely
Degree to which the impact can be reversed:	High

Degree to which the impact may cause irreplaceable loss of resources:	N/A
Cumulative impact prior to mitigation:	Nuisance to visitors as well as guests.
Significance rating of impact prior to mitigation (Low, Medium, Medium-High, High, or Very-High)	High
Degree to which the impact can be mitigated:	High
Proposed mitigation:	None the impact has already occurred
Cumulative impact post mitigation:	-
Significance rating of impact after mitigation (Low, Medium, Medium-High, High, or Very-High)	Low (-)

Visual impacts / Sense of Place:

Nature of impact:	The vegetation removed to bare soil, as well as the construction machinery on site, small scale, short term impact.
Extent and duration of impact:	Local; short-term
Probability of occurrence:	Likely
Degree to which the impact can be reversed:	Low
Degree to which the impact may cause irreplaceable loss of resources:	N/A
Cumulative impact prior to mitigation:	-
Significance rating of impact prior to mitigation (Low, Medium, Medium-High, High, or Very-High)	Medium
Degree to which the impact can be mitigated:	High
Proposed mitigation:	-
Cumulative impact post mitigation:	-
Significance rating of impact after mitigation (Low, Medium, Medium-High, High, or Very-High)	Low -ve

- (c) **Impacts that result from the operational phase** (briefly describe and compare impacts (as appropriate), significance rating of impacts, proposed mitigation and significance rating of impacts after mitigation that are likely to occur as a result of the operational phase.

Impacts on the geographical and physical aspects:	
Nature of impact:	Loss of 660m ² Elim Ferricrete Fynbos and some loss of ecological connectivity has occurred with habitat fragmentation at both sites
Extent and duration of impact:	Site-local; Permanent
Probability of occurrence:	Definite
Degree to which the impact can be reversed:	Irreversible
Degree to which the impact may cause irreplaceable loss of resources:	Low
Cumulative impact prior to mitigation:	Contributes to regional loss of critically endangered vegetation type.
Significance rating of impact prior to mitigation (Low, Medium, Medium-High, High, or Very-High)	High
Degree to which the impact can be mitigated:	Low
Proposed mitigation:	→ Create awareness amongst the residents so that they will understand the relevance of the natural environment and of rare plants which may be found in the Elim Ferricrete areas → Clear alien invasive plants. This needs to be on-going and special focus could be made within the area of Elim Ferricrete Fynbos. → Protect remaining areas of Elim Ferricrete Fynbos. Make sure no more development activities occur within this fynbos type without first undergoing the necessary environmental impact assessment. → Look for bulb species in the Fynbos and record these on iNaturalist. Protect the areas where new plants appear. → Instigate a stewardship agreement with CapeNature for the natural areas of Volmoed.
Cumulative impact post mitigation:	Many developments in the region and the present vegetation loss and threatened plant species loss to agriculture, alien vegetation invasion, and development. The overall cumulative ecological impact of 660 m ² of development at regional level is likely to be Low but it is vital that no further loss is caused.
Significance rating of impact after mitigation (Low, Medium, Medium-High, High, or Very-High)	Low (-)

Impact on biological aspects:	
Nature of impact:	Operational phase impacts have already occurred as the loss of natural vegetation has already taken place and will persist. There will be no rehabilitation as development has occurred.
Extent and duration of impact:	Site specific; long-term
Probability of occurrence:	Definite
Degree to which the impact can be reversed:	Irreversible
Degree to which the impact may cause irreplaceable loss of resources:	Low
Cumulative impact prior to mitigation:	Ongoing operational activities risk continued ecological disturbances on site although the activity is confined to the existing development precinct
Significance rating of impact prior to mitigation (Low, Medium, Medium-High, High, or Very-High)	Low
Degree to which the impact can be mitigated:	
Proposed mitigation:	→ Create awareness amongst the residents so that they will understand the relevance of the natural environment and of rare plants which may be found in the Elim Ferricrete areas → Clear alien invasive plants. This needs to be on-going and special focus could be made within the area of Elim Ferricrete Fynbos. → Protect remaining areas of Elim Ferricrete Fynbos. Make sure no more development activities occur within this fynbos type without first undergoing the necessary environmental impact assessment. → Look for bulb species in the Fynbos and record these on iNaturalist. Protect the areas where new plants appear. → Instigate a stewardship agreement with CapeNature for the natural areas of Volmoed.
Cumulative impact post mitigation:	The overall cumulative ecological impact of 660 m ² of development at regional level is likely to be Low but it is vital that no further loss is caused.
Significance rating of impact after mitigation (Low, Medium, Medium-High, High, or Very-High)	Low (-)

Impacts on the socio-economic aspects:	
Nature of impact:	Job opportunities, improved operations at Volmoed Farm
Extent and duration of impact:	Local; Long-term

Probability of occurrence:	Probable (Ongoing and directly linked with the operations of the property)
Degree to which the impact can be reversed:	N/A
Degree to which the impact may cause irreplaceable loss of resources:	N/A
Cumulative impact prior to mitigation:	N/A
Significance rating of impact prior to mitigation (Low, Medium, Medium-High, High, or Very-High)	High Positive
Degree to which the impact can be mitigated:	N/A
Proposed mitigation:	- Ongoing investment in infrastructure and amenities to support tourism and agricultural activities. - Implementation of training and development programs to enhance the skills and employability of local residents. - Local labour source.
Cumulative impact post mitigation:	The impact is expected to remain positive, with enhanced sustainability and long-term benefits for the community.
Significance rating of impact after mitigation (Low, Medium, Medium-High, High, or Very-High)	High +ve

Impacts on the cultural-historical aspects:	
Nature of impact:	No impacts identified
Extent and duration of impact:	-
Probability of occurrence:	-
Degree to which the impact can be reversed:	-
Degree to which the impact may cause irreplaceable loss of resources:	-
Cumulative impact prior to mitigation:	-
Significance rating of impact prior to mitigation (Low, Medium, Medium-High, High, or Very-High)	-
Degree to which the impact can be mitigated:	-
Proposed mitigation:	-

Cumulative impact post mitigation:	-
Significance rating of impact after mitigation (Low, Medium, Medium-High, High, or Very-High)	-

Noise impacts:

Nature of impact:	No impacts identified - The development is in line with the existing housing infrastructure and associated activities on Volmoed Farm.
Extent and duration of impact:	-
Probability of occurrence:	-
Degree to which the impact can be reversed:	-
Degree to which the impact may cause irreplaceable loss of resources:	-
Cumulative impact prior to mitigation:	-
Significance rating of impact prior to mitigation (Low, Medium, Medium-High, High, or Very-High)	-
Degree to which the impact can be mitigated:	-
Proposed mitigation:	-
Cumulative impact post mitigation:	-
Significance rating of impact after mitigation (Low, Medium, Medium-High, High, or Very-High)	-

Visual impacts / Sense of Place:

Nature of impact:	The impact involves changes to the landscape, transitioning from natural vegetation to single residential dwelling and office development. However the new development is located within the existing developed area of Volmoed Farm.
Extent and duration of impact:	Local; long-term
Probability of occurrence:	Low
Degree to which the impact can be reversed:	N/A
Degree to which the impact may cause irreplaceable loss of resources:	None
Cumulative impact prior to mitigation:	Alteration of the landscape contributing to the broader trend of habitat loss

Significance rating of impact prior to mitigation (Low, Medium, Medium-High, High, or Very-High)	Low
Degree to which the impact can be mitigated:	High
Proposed mitigation:	- Ongoing maintenance and management of green spaces to ensure ecological integrity. - Incorporation of indigenous vegetation and landscaping around the housing development to blend with the natural surroundings. - Avoid sprawl of the development and associated operational activities to the broader areas on site
Cumulative impact post mitigation:	The integration of natural features such as replanting natural vegetation and other natural elements minimise the negative visual impacts and ecological disruption caused.
Significance rating of impact after mitigation (Low, Medium, Medium-High, High, or Very-High)	Negligible

(d) **Impacts that may result from the decommissioning** and closure phase (briefly describe and compare the potential impacts (as appropriate), significance rating of impacts, proposed mitigation and significance rating of impacts after mitigation that are likely to occur as a result of the decommissioning and closure phase.

Potential impacts on the geographical and physical aspects:	
Nature of impact:	N/A
Extent and duration of impact:	-
Probability of occurrence:	-
Degree to which the impact can be reversed:	-
Degree to which the impact may cause irreplaceable loss of resources:	-
Cumulative impact prior to mitigation:	-
Significance rating of impact prior to mitigation (Low, Medium, Medium-High, High, or Very-High)	-
Degree to which the impact can be mitigated:	-
Proposed mitigation:	-
Cumulative impact post mitigation:	-
Significance rating of impact after mitigation (Low, Medium, Medium-High, High, or Very-High)	-

Potential impact on biological aspects:

Nature of impact:	-
Extent and duration of impact:	-
Probability of occurrence:	-
Degree to which the impact can be reversed:	-
Degree to which the impact may cause irreplaceable loss of resources:	-
Cumulative impact prior to mitigation:	-
Significance rating of impact prior to mitigation (Low, Medium, Medium-High, High, or Very-High)	-
Degree to which the impact can be mitigated:	-
Proposed mitigation:	-
Cumulative impact post mitigation:	-
Significance rating of impact after mitigation (Low, Medium, Medium-High, High, or Very-High)	-

Potential impacts on the socio-economic aspects:

Nature of impact:	N/A
Extent and duration of impact:	-
Probability of occurrence:	-
Degree to which the impact can be reversed:	-
Degree to which the impact may cause irreplaceable loss of resources:	-
Cumulative impact prior to mitigation:	-
Significance rating of impact prior to mitigation (Low, Medium, Medium-High, High, or Very-High)	-
Degree to which the impact can be mitigated:	-
Proposed mitigation:	-
Cumulative impact post mitigation:	-

Significance rating of impact after mitigation (Low, Medium, Medium-High, High, or Very-High)	-
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Potential impacts on the cultural-historical aspects:	
Nature of impact:	N/A
Extent and duration of impact:	-
Probability of occurrence:	-
Degree to which the impact can be reversed:	-
Degree to which the impact may cause irreplaceable loss of resources:	-
Cumulative impact prior to mitigation:	-
Significance rating of impact prior to mitigation (Low, Medium, Medium-High, High, or Very-High)	-
Degree to which the impact can be mitigated:	-
Proposed mitigation:	-
Cumulative impact post mitigation:	-
Significance rating of impact after mitigation (Low, Medium, Medium-High, High, or Very-High)	-

Potential noise impacts:	
Nature of impact:	N/A
Extent and duration of impact:	-
Probability of occurrence:	-
Degree to which the impact can be reversed:	-
Degree to which the impact may cause irreplaceable loss of resources:	-
Cumulative impact prior to mitigation:	-
Significance rating of impact prior to mitigation (Low, Medium, Medium-High, High, or Very-High)	-
Degree to which the impact can be mitigated:	-
Proposed mitigation:	-
Cumulative impact post mitigation:	-
Significance rating of impact after mitigation (Low, Medium, Medium-High, High, or Very-High)	-

7. SPECIALIST INPUTS/STUDIES AND RECOMMENDATIONS

Please note: Specialist inputs/studies that will be undertaken as part of this application. These specialist inputs/studies must take into account the Department's relevant Guidelines on the Involvement of Specialists in EIA Processes available on the Department's website (<https://www.westerncape.gov.za/dept/eadp/services>). A summary of all the specialist inputs/studies must be provided with the additional information.

Specialist inputs/studies and recommendations:

According to the Botanical Assessment there has been loss of some critically endangered Elim Ferricrete Fynbos with the development of both site 1 and 2 activities on Volmoed. It cannot be deduced from studying the area next to the development sites whether the fynbos was in a senescent and overgrown state before removal.

Considering the limited scale of the activity and its location within the existing development precinct of Volmoed Farm, no construction-specific mitigation measures have been recommended in the Botanical Specialist report. However, the following post-construction management recommendations are made to minimise and avoid further impacts on the property:

- Create awareness amongst the residents so that they will understand the relevance of the natural environment and of rare plants which may be found in the Elim Ferricrete areas
- Clear alien invasive plants. This needs to be on-going and special focus could be made within the area of Elim Ferricrete Fynbos.
- Protect remaining areas of Elim Ferricrete Fynbos. Make sure no more development activities occur within this fynbos type without first undergoing the necessary environmental impact assessment.
- Look for bulb species in the Fynbos and record these on iNaturalist. Protect the areas where new plants appear.
- Initiate a stewardship agreement with CapeNature for the natural areas of Volmoed – this is underway.

The residential impact was confirmed as Low

8. IMPACT ASSESSMENT SUMMARY

Briefly describe the impacts (as appropriate), significance rating of impacts, mitigation and significance rating of impacts of the activity. This must include an assessment of the significance of all impacts.

Impacts	Significance rating of impacts after mitigation (Low, Medium, Medium-High, High, Very High):
The loss of the Elim Ferricrete Fynbos in the development sites which was listed as Critically Endangered at the time of clearance.	Low -ve

9. SUMMARY OF THE CONSEQUENCES OF/ IMPACTS OF THE UNLAWFULLY COMMENCED ACTIVITY/IES

Please provide a detailed summary of the consequences/impacts of commencement of the activity/ies on the environment.

Summary:

The Pre-Compliance Notice identified two areas of possible infringement. The unlawful activities resulted in the disturbance of one site to establish a single residential dwelling, however this is located within the built-up area of Volmoed

Farm. The second site, where the office was established, was already transformed and was characterised as domesticated lawn. There was no construction to establish the office as a shipping container is being used. Site 2, where a single residential dwelling was constructed, is approximately 534 m² and comprised natural vegetation prior to its disturbance.

The total extent of Volmoed Farm (Portion 1 of the Farm 586) is 126.52 ha, and the disturbed area represents only 0.05% of the total property. This disturbance occurred within the developed cluster of buildings and did not extend into outlying natural areas of the farm. The primary environmental impact associated with this activity is the loss of approximately 534 m² of Elim Ferricrete Fynbos, which was listed as Critically endangered vegetation type at the time of clearance. The botanical specialist indicated that the affected vegetation on site was likely in a senescent and overgrown state prior to its removal. This was deduced from studying the area next to the development site.

Although the loss of this vegetation is a concern, it is important to emphasise that the sites were chosen due to their location within an already developed cluster with access to existing infrastructure, such as roads, powerlines, and pipelines. Their proximity to established services further reduced the extent beyond the immediate area of disturbance. Consequently, while the removal of Critically endangered vegetation would have required Environmental Authorisation, the overall impact on the environment is limited due to the small development footprint (667 m²) which is positioned within an existing developed area.

The decision to utilize these specific sites was driven by their proximity to established services, which reduces the potential for broader environmental impacts. The clustering of the development within an already built-up area ensures that the ecological footprint remains concentrated, mitigating the spread of any adverse effects.

10. OTHER MANAGEMENT, MITIGATION AND MONITORING MEASURES

(a) Over and above the mitigation measures described above, please indicate any additional management, mitigation and monitoring measures.

- To manage the remaining natural areas through IAPs, Fire Management.
- An appropriate site for conservation must be identified in consultation with the appointed botanist and the relevant stewardship committee. This strategy should prioritise the long-term conservation of the identified open space, as well as the ongoing protection and monitoring of the remaining ecosystem vegetation within the site.

(b) Describe the ability of the applicant to implement the management, mitigation and monitoring measures.

The applicant is already showing commitment to ensuring quality habitat and remainder of the property. The landowner is also showing willingness to manage the remaining extent of the property through alien clearing which is already taking place on the property as well as implementing fire management measures. Additionally, the applicant is also committed in making sure that no further vegetation clearance is intended to take place on the property without formal environmental authorisation in place.

Please note: A draft **ENVIRONMENTAL MANAGEMENT PROGRAMME** must be attached to this application as **Appendix I**.

SECTION G: ASSESSMENT METHODOLOGIES AND CRITERIA, GAPS IN KNOWLEDGE, UNDERLYING ASSUMPTIONS AND UNCERTAINTIES

(a) Please describe adequacy of the assessment methods used.

The assessment is in line with the NEMA provisions.

(b) Please describe the assessment criteria used.

An impact is any change to a resource or receptor brought about by a project component or through the execution of a project related activity. The evaluation of baseline data provides information for the process of evaluating and describing how the project could affect the biophysical and socio-economic environment.

Impact is described according to their nature or type, as follows:

Nature/ Type

Nature/ Type of impact	Definition
Positive	An impact that is considered to represent an improvement on the baseline or introduces a positive change.
Negative	An impact that is considered to represent an adverse change from the baseline, or introduces a new undesirable factor.
Direct	Impacts that result from a direct interaction between a planned project activity and the receiving environment/receptors (e.g. between occupation of a site and the pre-existing habitats or between an effluent discharge and receiving water quality).
Indirect	Impacts that result from other activities that are encouraged to happen as a consequence of the Project (e.g. in-migration for employment placing a demand on resources).
Cumulative	Impacts that act together with other impacts (including those from concurrent or planned future third-party activities) to affect the same resources and/or receptors as the Project.

Significance

Impacts are described in terms of significance. Significance is a function of the magnitude of the impact and the likelihood of the impact occurring:

Impact Magnitude	
Extent	On site – impacts that are limited to the boundaries of the development site.
	Local – impacts that affect an area in a radius of 20 km around the Development site.
	Regional – impacts that affect regionally important environmental resources or are experienced at a regional scale as determined by administrative boundaries, habitat type/ecosystem.
	National – impacts that affect nationally important environmental resources or affect an area that is nationally important/ or have macro-economic consequences
Duration	Temporary – impacts are predicted to be of short duration and intermittent/occasional.
	Short-term – impacts that are predicted to last only for the duration of the construction period.
	Long-term – impacts that will continue for the life of the Project but ceases when the project stops operating
	Permanent – impacts that cause a permanent change in the affected receptor or resource (e.g. removal or destruction of ecological habitat) that endures substantially beyond the project lifetime
	BIOPHYSICAL ENVIRONMENT
	Negligible – the impact on the environment is not detectable.
	Low – the impact affects the environment in such a way that natural functions and processes are not affected.
Intensity	Medium – where the affected environment is altered but natural functions and processes continue, albeit in a modified way.
	High – where natural functions or processes are altered to the extent that they will temporarily or permanently cease
	SOCIO-ECONOMIC
	Negligible – there is no perceptible change to people's livelihood
	Low - people/communities are able to adapt with relative ease and maintain pre-impact livelihoods
	Medium – people/communities are able to adapt with some difficulty and maintain pre-impact livelihoods but only with a degree of support
	High - affected people/communities will not be able to adapt to changes or continue to maintain pre-impact livelihoods.

Likelihood- the likelihood that an impact will occur

Likelihood	
Unlikely	The impact is unlikely to occur
Likely	The impact is likely to occur under the most conditions.
Definite	The impact will occur

Once an assessment is made of the magnitude and the likelihood, the impact significance is rated through a matrix process:

Significance				
Magnitude		Unlikely	Likely	Definite
	Negligence	Negligible	Negligible	Minor
	Low	Negligible	Minor	Minor
	Medium	Minor	Moderate	Moderate
	High	Moderate	Major	Major

Definition of significance:

Negligible	An impact of negligible significance (or an insignificant impact) is where a resource or receptor (including people) will not be affected in any way by a particular activity, or the predicted effect is deemed to be 'negligible'.
Minor	An impact of minor significance is one where an effect will be experienced, but the impact magnitude is small (with and without mitigation) and within accepted standards, and/or the receptor is of low sensitivity/value.
Moderate	An impact of moderate significance is one within accepted limits and standards. The emphasis for moderate impacts is on demonstrating that the impact has been reduced to a level that is as low as reasonably practicable. This does not necessarily mean that 'moderate' impacts have to be reduced to 'minor' impacts, but that moderate impacts are managed effectively and efficiently.
Major	An impact of major significance is one where an accepted limit or standard may be exceeded, or large magnitude impacts occur to highly valued / sensitive resource / receptors. A goal of the EIA process is to get to a position where the Project does not have any major residual impacts.

Significance of an impact is then qualified through a statement of the degree of confidence. Degree of confidence is expressed as low, medium or high.

Significance colour scale (if applicable):

Negative	Positive
Negligible	Negligible
Minor	Minor
Moderate	Moderate
Major	Major

Impact rating colour scale:

Negative	Positive
Negligible	Negligible
Low	Low
Medium	Medium
High	High

(c) Please describe the gaps in knowledge.

No gaps have been identified.

(d) Please describe the underlying assumptions.

N/A

(e) Please describe the uncertainties.

N/A

SECTION H: RECOMMENDATIONS OF THE EAP

In my view (EAP), the information contained in the Application and the documentation attached hereto is sufficient to make a decision in respect of the activity applied for.

YES x

NO

If "NO", list the aspects that should be further assessed through additional specialist input/assessment:

N/A

If "YES", please indicate below whether in your opinion the applicant should be directed to cease the activity or if it should be authorised:

Applicant should be directed to cease the activity:

YES

NO x

Please provide reasons for your opinion

The development is already at operational phase. The extent of the impact is small. The newly developed sites are located within the existing developed area of Volmoed Farm, alongside existing service and access infrastructure.

If you are of the opinion that the activity should be authorised, then please provide any conditions, including mitigation measures that should in your view be considered for inclusion in an authorisation.

- Continued management of the remainder of the farm must be implemented. This includes both Alien vegetation management and fire management.
- The unauthorised and unregulated sprawl of operational activities to natural areas on the property must be prevented unless due process is followed. Volmoed is already undertaking large scale targeted alien vegetation clearance on the farm.
- An appropriate site for conservation must be identified in consultation with the appointed botanist and the Cape Nature stewardship committee. This strategy should prioritise the long-term conservation of the identified open space, as well as the ongoing protection and monitoring of the remaining ecosystem vegetation within the site.

SECTION I: REPRESENTATIONS – RESPONSE TO AN INCIDENT OR EMERGENCY SITUATION

This section is only applicable to instances where Section 49A (2) of NEMA applies. Please list all steps that were taken in response to the incident or emergency situation.

N/A

Please note:

Section 30 of NEMA deals with the procedures to be followed for the control of emergency incidents and Section 30A deals with procedures to be followed in the case of emergency situations.

SECTION J: PUBLIC PARTICIPATION

1. PUBLIC PARTICIPATION PROCESS TO BE FOLLOWED

1.1 THE PUBLIC PARTICIPATION PROCESS IN TERMS OF THE SECTION 24G FINE REGULATIONS, 2017

Regulation 8 of the Section 24G Fine Regulations require that all applicants must conduct public participation **prior to submission** of a section 24G application (as outlined in Annexure A of the Section 24G Fine Regulations - Section D: Preliminary Advertisement).

"The applicant must place a preliminary advertisement in-

(1) A local newspaper in circulation in the area in which the activity was, or activities were, commenced; and on the applicant's website, if any.

(2) This advertisement must comply with the requirements set out in Annexure A, Section D of the Section 24G Fine Regulations, 2017.

(3) The applicant must open and maintain a register of interested and affected parties.

(4) The **register must be attached to the application form and included in the report**, or form part of the information submitted in terms of section 24G(1) of the Act, which the register must, as a minimum, contain the names, contact details and addresses of-

(a) all persons who, as a consequence of the public participation process conducted in respect of the application, have submitted written comments or attended meetings with the applicant or any environmental assessment practitioner or other specialist appointed by the applicant to assist with the application;

(b) all persons who have requested the applicant, in writing, to place their names on the register; and

(c) all organs of state that have jurisdiction in respect of the activity to which application relates."

Please provide a summary of the steps followed where public participation was undertaken in accordance with Regulation 8 prior to submission of this Application Form. Ensure that proof of compliance with Regulation 8 is submitted with this Application Form, including, *inter alia*, proof of preliminary advertisement in a local newspaper.

Public participation was undertaken as follows:

- Notice of commenting opportunity to all adjacent landowners
- Placement of noticeboard on site
- Newspaper advertisement placed in local newspaper
- Relevant organs of state notified of the application and opportunity to comment
- 30 day commenting opportunity and access to relevant documents

All undertaken in line with the NEMA EIA Regulations.

Please indicate whether the applicant has a website (please tick relevant box):

YES x

NO

If yes, please note that the application information as specified above must have been advertised on such website and proof thereof must accompany this application.

Please note: Annexure A: Section D attached to this Application form must be strictly adhered to.

1.2 THE PUBLIC PARTICIPATION PROCESS IN TERMS OF NEMA EIA REGULATIONS, 2014

As the applicant, you may be directed to conduct the public participation process that fulfils the requirements outlined in Chapter 6 of the EIA Regulations, 2014. In doing so, you must take into account any applicable guidelines published in terms of Section 24J of NEMA, the Department's Circular EADP 0028/2014 on the "One Environmental Management System" and the EIA Regulations, 2014 as well as any other guidance provided by the Department. Note that the public participation requirements are applicable to all proposed sites.

Please highlight the appropriate box below to indicate the public participation process that has been or will be undertaken to give notice of the application to all potential interested and affected parties, including deviations that may be agreed to by the competent authority:

1. In terms of regulation 41 of the EIA Regulations, 2014 -			
(a) fixing a notice board at a place conspicuous to and accessible by the public at the boundary, on the fence or along the corridor of -			
(i) the site where the activity to which the application relates is or is to be undertaken; and	YES x	DEVIATION	
(ii) any alternative site	YES x	DEVIATION	
(b) giving written notice, in any manner provided for in section 47D of the NEMA, to -			
(i) the occupiers of the site and, if the applicant is not the owner or person in control of the site on which the activity is to be undertaken, the owner or person in control of the site where the activity is or is to be undertaken or to any alternative site where the activity is to be undertaken;	YES x	DEVIATION	N/A
(ii) owners, persons in control of, and occupiers of land adjacent to the site where the activity is or is to be undertaken or to any alternative site where the activity is to be undertaken;	YES x	DEVIATION	

(iii) the municipal councillor of the ward in which the site or alternative site is situated and any organisation of ratepayers that represent the community in the area;	YES x	DEVIATION	
(iv) the municipality (Local and District Municipality) which has jurisdiction in the area;	YES x	DEVIATION	
(v) any organ of state having jurisdiction in respect of any aspect of the activity; and	YES x	DEVIATION	
(vi) any other party as required by the Department;	YES	DEVIATION	N/A x
(c) placing an advertisement in -			
(i) one local newspaper; or	YES x	DEVIATION	
(ii) any official <i>Gazette</i> that is published specifically for the purpose of providing public notice of applications or other submissions made in terms of these Regulations;	YES	DEVIATION	N/A x
(d) placing an advertisement in at least one provincial newspaper or national newspaper, if the activity has or may have an impact that extends beyond the boundaries of the metropolitan or district municipality in which it is or will be undertaken	YES	DEVIATION	N/A x
(e) using reasonable alternative methods, as agreed to by the Department, in those instances where a person is desirous of but unable to participate in the process due to— (i) illiteracy; (ii) disability; or (iii) any other disadvantage.	YES	DEVIATION	N/A x
If you have indicated that "DEVIATION" applies to any of the above, then Section 2. below must be completed.			
NOTE:			
2. The NEM: WA requires that a notice must be placed in at least two newspapers.			
If applicable, have/will an advertisement be placed in at least two newspapers? N/A	YES	NO	
If "NO", then an application for exemption from the requirement must be applied for.			

1. Provide a list of all the state departments that has been / will be consulted:		
List of State Depts.	Comment obtained (YES/NO)	If not, provide reasons
DEA&DP	Pending	
Cape Nature	Yes	
Department of Agriculture	Yes	
Overstrand Municipality	Pending	
Overberg District Municipality	Yes	

2. Provide a summary of the issues raised by I&APs and an indication of the manner in which the issues raised were incorporated, or the reasons for not being incorporated or addressed.
(The details of the outcomes of this process, including supporting information must be included in the Comments and Report to be attached to this application as Appendix G.)

Name/Organisation	Comments	Response
Overberg District Municipality	- The Overberg District Municipality's Department of Environmental Management Services takes cognisance of the S24G application for the unlawful clearance of vegetation on portion 1 of the Farm 586. - The ODM has no objection against the proposed development.	Noted. No actions required.
Cape Nature	- A terrestrial biodiversity and plant species impact assessment must be conducted before further consideration of the application. - The vegetation occurring adjacent to the footprints should be evaluated to infer the vegetation that is likely to have occurred on the footprints, as indicated in Photos 5 and 7 of the site sensitivity verification report. The likelihood of impacts on plant species of conservation concern having been incurred must also be assessed.	The terrestrial biodiversity assessment is included in the 24G application. The terrestrial biodiversity Impact was undertaken and the impact rating has been reduced to low negative, and therefore the site does not qualify for biodiversity offset. However, it the botanical specialist opinion that the entire natural Volmoed area may be put under a stewardship agreement.
Department of Agriculture	The Western Cape Department of Agriculture has no objection to the 24G application.	Noted.
DEADP	Based on the information provided in the Section 24G application form (dated March 2025), the applicant is advised that the following organs of state or State departments must be included, in addition to those already listed in the Section 24G application: Heritage Western Cape	The development footprint is significantly small (667 m ²) and located within the existing developed precinct of Volmoed, where roads and service pipelines have already been established. The activity did not involve any rezoning or subdivision of the property, and the total area of disturbance (approximately 667 m ²) falls below the 5,000 m ² threshold that would trigger Section 38 of the Act. Furthermore, no major excavations were undertaken, as

	Department of Water and Sanitation - The description of the unlawful activity must be revised to accurately reflect the extent and nature of the clearance of indigenous vegetation. References to the removal of domestic lawn should be omitted, as such activity does not constitute a listed activity in terms of the NEMA EIA Regulations. The description must provide clear details of the nature and purpose of the unlawful development, the total area affected, and the type and classification of the vegetation cleared. - DEADP noted that the type of vegetation mapped and ground-truthed / verified as relevant to the site is predominantly Elim Ferricrete Fynbos and Overberg Sandstone Fynbos described as Endangered vegetation in the draft section 24G application assessment report and respective appendices. In accordance with the National List of Ecosystems that are Threatened and in Need of Protection, 2011, and as confirmed by the botanical specialist the	the structures placed on site consist of shipping containers positioned on levelled ground, which did not require ground excavation. The sites are located within the farm and are well-screened by the existing trees, such that there is no perceptible change of scenery or sense of place for neighbouring properties. In addition, there are no roads or other features of heritage significance affected by the development. For the above reasons, no Heritage Impact Assessment is required. There are no watercourses or wetland areas affected as a result of the commencement of the activity. The sites are located more than 32 metres from the river traversing the property, ensuring that the development has not impacted any aquatic or riparian habitats. - Noted. The 24G report has been updated. - The vegetation occurring on site was classified as a Critically Endangered vegetation type at the time when the unlawful clearance took place, as per Revised List of Ecosystems that are in Need of Protection (2011). However, following the 2022 revision of the National List of Ecosystems that are Threatened and in Need of Protection, the threat status of these vegetation
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	respective vegetation types were classified as Critically Endangered ecosystems at the time of the unlawful clearance activities. It is recommended that this error should be rectified. • The applicant is required to investigate, evaluate, and assess the environmental impacts that have resulted from the unlawful activity. The Section 24G assessment report must include a clear comparative assessment of the pre-commencement and post-commencement environmental conditions to demonstrate the extent of environmental change and associated impacts arising from the unlawful clearance. • The Department requires that the report include a detailed description of the environmental context prior to the unlawful activity, outlining baseline conditions and ecological sensitivities to enable assessment of the potential impacts had the activity been lawfully undertaken. • The post-commencement description must include an assessment of the actual environmental impacts resulting from the unlawfully commenced activity. This may include, but is not limited to, the loss of habitat, sedimentation, alterations to land use and topography, as well as socio-economic implications. • The Botanical Assessment Report provided in Appendix G of the Section 24G assessment report must be updated to meet the minimum requirements outlined in the relevant specialist assessment protocols for terrestrial plant species. • Given that species of conservation concern were identified, a Terrestrial Plant Species Specialist Assessment is required in accordance with the “very high” and “high” sensitivity protocol requirements.	types has since been reclassified as Endangered. The report has been amended accordingly to reflect this classification. • Noted. The 24G report has been updated. • Noted. This section has been amended in the report. • Noted. • The Terrestrial Biodiversity Impact Assessment is attached as Appendix G. • The assessment notes that there are no plant species of conservation concern identified near the site. However, four Proteaceae species of were identified in the Overberg
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	• The updated botanical assessment must also address cumulative impacts, propose mitigation and management measures, and ensure that these are incorporated into the Environmental Management Programme (EMPr). • Furthermore, the botanical assessment must be revisited for Site 1, as the Department noted that indigenous vegetation appeared to exist on this site prior to 2018, contrary to the EAP's current assertion that the area comprised only domestic lawn. • The EMPr contained in Appendix F of the draft Section 24G application must be corrected to ensure that the property details, activity descriptions, and applicant information are accurate. The EMPr must also be revised to include all mitigation and management measures recommended by the specialists and to ensure alignment with the revised findings of the impact assessment. • Section C: Part 1 of the section 24G application assessment report indicates the Biodiversity Impact Index as "the activity is not giving, has not given and will not give rise to any impacts on biodiversity". Based on the findings of the botanical specialist and the fact that a loss of biodiversity has occurred, a revised adequate motivation as to why the EAP has indicated that the activity has not given rise to any impacts on biodiversity is required. • Section C: Part 2 of the section 24G application assessment report indicates that previous administrative action was not previously taken against the applicant in respect of a contravention of section 24F(1) of the NEMA. However, a Pre-Compliance Notice in terms of section 31L of the NEMA (Ref. No. 14/1/1/E2/7/6/4/0815/23 and dated 30	Sandstone Fynbos vegetation type. • Cumulative impacts are included in the Report • Site 1 has been included in the updated specialist report. • EMP has been updated. • This section has been updated. • This section has been updated.
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	May 2024) has been issued in respect of Portion 1 of Farm Volmoed No. 586, Hermanus. DEADP recommends that this be rectified.	
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3. Provide a summary of any conditional aspects identified / highlighted by any Organs of State, which have jurisdiction in respect of any aspect of the relevant activity.

N/A. No conditional aspects identified from the comments received.

Please note:

- A list of all the potential interested and affected parties, including the organs of State must be opened, maintained and made available to any person requesting access, in writing, to the register.
- All comments of interested and affected parties on the Application Form and Additional Information must be recorded, responded to and included in the Comments and Responses Report attached as Appendix G to the Application. The Comments and Responses Report must also include a description of the Public Participation Process followed.
- The minutes of any meetings held by the EAP with interested and affected parties and other role players which record the views of the participants must also be submitted as part of the public participation information to be attached to the additional information/Environmental Impact Report as Appendix G.
- Proof of all the notices given as indicated, as well as of notice to the interested and affected parties of the availability of the Application Form/Additional Information must be submitted as part of the public participation information to be attached to the application as Appendix G.

2. REPRESENTATIONS REGARDING DEVIATION FROM PUBLIC PARTICIPATION REQUIREMENTS IN TERMS OF THE EIA REGULATIONS, 2014

Please provide detailed reasons (representations) as to why it would be appropriate not direct you to comply with all of the requirements and to deviate from the requirements of regulation 41 as indicated above.

N/A

3. LIST OF STATE DEPARTMENTS

Section 24(O)(2) obliges the relevant authority to consult with every State department that administers a law relating to a matter affecting the environment when such authority considers an application for an environmental authorisation.

Provide a list of all the State departments that will be/have been consulted, including the name and contact details of the relevant official.			
State Department	Name of person	Contact details	
DEADP	Fahd Said	Tel	021 483 8313

		Fax	
		E-mail	Fahd.Said@westerncape.gov.za
Cape Nature	Rhett Smart	Tel	
		Fax	
		E-mail	landuse@capenature.co.za rsmart@westerncape.gov.za
Department of Agriculture	Brandon Layman	Tel	
		Fax	
		E-mail	Brandon.Layman@westerncape.gov.za
Overstrand Municipality	Penelope Aplon	Email	paplon@overstrand.gov.za
Overberg District Municipality	R.Volschenk	Email	rvolschenk@odm.org.za

Please note:

A State department consulted in terms of Section 24O(2) of NEMA and Regulations 3(4) and 43(2) must within 30 days from the date of the Department/EAP's request for comment, submit such comment in writing to the Department. The applicant/EAP is therefore required to inform this Department in writing when the application/relevant information is submitted to the relevant State Departments. Upon receipt of this confirmation, this Department will in accordance with Section 24O (2) & (3) of the NEMA inform the relevant State Departments of the commencement date of the 30-day commenting period.

PART 2 – ANNEXURE A TO THE SECTION 24G APPLICATION FORM

SECTION A: DIRECTIVES

Section 24G(1) of NEMA provides that on application by a person who has commenced with a listed or specified activity without an environmental authorisation in contravention of section 24F(1); or a person who has commenced, undertaken or conducted a waste management activity without a waste management licence in terms of section 20(b) of the National Environment Management: Waste Act, 2008 (Act 59 of 2008) ("NEM:WA") the Minister, the Minister responsible for mineral resources or the MEC concerned (or the official to which this power has been delegated), as the case may be, may direct the applicant to-

i	<i>immediately cease the activity pending a decision on the application submitted in terms of this subsection</i> The development has already occurred and are in operation
ii	<i>investigate, evaluate and assess the impact of the activity on the environment</i> In process through this report and assessment through desktop study.
iii	<i>remedy any adverse effects of the activity on the environment</i> the activity has already taken place
iv	<i>cease, modify or control any act, activity, process or omission causing pollution or environmental degradation</i> The activity has already occurred; the preferred alternative is to continue with the activity through retrospective rectification and managing the other natural areas around the property.
v	<i>contain or prevent the movement of pollution or degradation of the environment</i> N/A

vi	eliminate any source of pollution or degradation N/A	
vii	compile a report containing-	
	aa	a description of the need and desirability of the activity
	bb	an assessment of the nature, extent, duration and significance of the consequences for or impacts on the environment of the activity, including the cumulative effects and the manner in which the geographical, physical, biological, social, economic and cultural aspects of the environment may be affected by the proposed activity
	cc	a description of mitigation measures undertaken or to be undertaken in respect of the consequences for or impacts on the environment of the activity
	dd	a description of the public participation process followed during the course of compiling the report, including all comments received from interested and affected parties and an indication of how the issues raised have been addressed
	ee	an environmental management programme
viii	provide such other information or undertake such further studies as the Minister, Minister responsible for mineral resources or MEC, as the case may be, may deem necessary.	

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

Please Note:

Notwithstanding the above, subsequent to submission of the application form to the Department, you may be issued with a specific directive in terms of section 24G(1)(i) to (viii), and you will therefore be provided with an opportunity to make further representations as to the specific directive.

The appointed Environmental Assessment Practitioner, on behalf of the applicant, may be directed to compile and submit a report that meets the requirements of section 24G(vii)(aa)-(ee) as specified above.

SECTION B: DEFERRAL OF THE APPLICATION

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

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

Kindly answer the following questions:

Are you, the applicant, being investigated for a contravention of section 24F(1) of the NEMA in respect of a matter that <u>is not subject to this application</u> and in any province in the Republic?	YES	NO x	UNCERTAIN
If yes provide details of the offence being investigated and authority conducting the investigation. If uncertain provide details of the activity or activities in relation to which you suspect you may be under investigation.			
N/A			
Are you, the applicant, being investigated for the contravention of section 20(b) of the NEMWA in respect of a matter that <u>is not subject to this application</u> and in any province in the Republic?	YES	NOx	UNCERTAIN
If yes provide details of the offence being investigated and authority conducting the investigation. If uncertain provide details of the activity or activities in relation to which you suspect you may be under investigation.			

N/A			
Are you, the applicant, being investigated for an offence in terms of section 24F(1) of the NEMA or section 20(b) of the NEMWA <u>in terms of which this application directly relates?</u>	YES	NOx	UNCERTAIN
If yes provide details of the offence being investigated and authority conducting the investigation. If uncertain provide details of the activity or activities in relation to which you suspect you may be under investigation.			
N/A			

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

SECTION C: QUANTUM OF THE SECTION 24G FINE

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

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

Please note that Part 1 of this section must be completed by an independent environmental assessment practitioner after conducting the necessary specialist studies, copies of which must be submitted with this completed application form.

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

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

Index	Socio Economic Impact	Place an "x" in the appropriate box
	Description of variable	
	The activity is not giving, has not given and will not give rise to any negative socio-economic impacts	x
	The activity is giving, has given, or could give rise to negative socio-economic impacts, but highly localised	
	The activity is giving, has given, or could give rise to significant negative socio-economic and regionalized impacts	
	The activity is resulting, has resulted or could result in wide-scale negative socio-economic impacts.	
Motivation: The activity has no negative socio-economic impacts and is in line with the existing activities on the property.		

Index	Biodiversity Impact	Place an "x" in the appropriate box
	Description of variable	
	The activity is not giving, has not given and will not give rise to any impacts on biodiversity	X
	The activity is giving, has given or could give rise to localised biodiversity impacts	
	The activity is giving, has given or could give rise to significant biodiversity impacts	
	The activity is, has or is likely to permanently / irreversibly transform/ destroy a recognised biodiversity 'hot-spot' or threaten the existence of a species or sub-species.	
Motivation: The disturbance and removal of vegetation, in which at the time of clearance it was listed as Critically endangered. However, the vegetation clearance is small-scale at approximately 534 m ² to establish a single residential dwelling at Site 1. In addition, the sites are located within the existing built-up area on the farm and alongside existing infrastructure and roads, and therefore did not result in activity sprawl or impacts on the natural, undisturbed edges of the farm.		

Index	Sense of Place Impact and / or Heritage Impact	Place an "x" in the appropriate box
	Description of variable	
	The activity is in keeping with the surrounding environment and / or does not negatively impact on the affected area's sense of place and /or heritage	x
	The activity is not in keeping with the surrounding environment and will have a localised impact on the affected area's sense of place and/or heritage	
	The activity is not in keeping with the surrounding environment and will have a significant impact on the affected area's sense of place and/ or heritage	
	The activity is completely out of keeping with the surrounding environment and will have a significant impact on the affected area's sense of place and/ or heritage	
Motivation: The activity is located within the developed area of the property, access and service infrastructure is already in place.		

Index	Pollution Impact	Place an "x" in the appropriate box
	Description of variable	
	The activity is not giving, has not given and will not give rise to any pollution	x
	The activity is giving, has given or could give rise to pollution with low impacts.	
	The activity is giving, has given or could give rise to pollution with moderate impacts.	
	The activity is giving, has given or could give rise to pollution with high impacts.	
	The activity is giving, has given or could give rise to pollution with major impacts.	
Motivation: The activity involves the clearance of vegetation and construction of single residential dwelling and office. No pollution impacts.		

PART 2: COMPLIANCE HISTORY AND KNOWLEDGE OF THE APPLICANT

Index	Previous administrative action (i.e. administrative enforcement notices) issued to the applicant in respect of a contravention of section 24F(1) of the National Environmental Management Act and/or section 20(b) of the National Environmental Management Waste Act	Place an "x" in the appropriate box
Description of variable		
	Administrative action was previously taken against the applicant in respect of the abovementioned provisions.	x
	No previous administrative action was taken against the applicant but previous administrative action was taken against a firm(s) on whose board one or more of the applicant's directors sit or sat at the relevant time when the administrative action was taken.	
	Administrative action was not previously taken against the applicant in respect of the abovementioned provisions.	
Explanation of all previous administrative action taken in respect of the above: A Pre-Compliance Notice in terms of section 31L of the NEMA has been issued.		

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

Index	Number of section 24G applications previously submitted by the applicant	Place an "x" in the appropriate box
	Description of variable	
	Previous applications in terms of section 24G of NEMA were submitted by the applicant.	
	No previous applications have been submitted by the applicant but a previous application(s) have been submitted by a firm(s) on whose board one or more of the applicant's directors sit or sat at the relevant time.	
	No previous applications have been submitted by the applicant but the applicant sat on the board of a firm that previously submitted an application.	
	Explanation in respect of all previous applications submitted in terms of section 24G: N/A – none of the above	

PART 3: APPLICANT'S PERSONAL CIRCUMSTANCES

Index	Applicant's legal personal	Place an "x" in the appropriate box
	Description of variable	
	The applicant is a natural person.	
	The applicant is a firm.	
	Describe the firm: The Volmoed Trust	

Index	Any other relevant information that the applicant would like to be considered.
	Motivate and explain fully: Portion 1 of the Farm Volmoed No. 586 covers an area of approximately 126.52 ha, with the total developed area only covering an area of less than 10 ha with the cleared in in question amounting to 667 m². Volmoed, the property under consideration, has consistently demonstrated a commitment to creating and maintaining a high-quality environment both within the developed area on site and the remainder. This commitment is reflected in the extensive measures already implemented to clear invasive alien species from the entire property of approximately 126.52 ha. The applicant's ongoing efforts to remove these invasive species highlight a proactive approach to preserving the indigenous flora and enhancing the ecological value of the property. These efforts have also included restoration of the Onrus river and riparian zone on the Volmoed property, however, contributing to recovering of the stream which also adds more value and restoration of the Onrusriver Estuary situated about 6 km downstream of the property. In addition to the invasive species removal, Volmoed has also put in place comprehensive fire management strategies for future events of fires and is an active member of the FPA.

Volmoed is also working with Cape Nature and WWF to allocate sections of the remainder of the property to long term conservation via Cape Nature Stewardship – these investigations are currently underway.

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

SECTION D: PRELIMINARY ADVERTISEMENT

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

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

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

Interested and affected parties must be provided with the details of where they can register as an interested and affected party and / or submit their comment. At least 20 days must be provided in which to do so.

This advertisement shall be considered as a preliminary notification and the competent authority may direct the applicant to undertake further public participation and advertising after receipt of this application form.

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

PART 3 – APPENDICES

The following appendices must, where applicable, be attached to this form:

Appendix		Tick the box if Appendix is attached
Appendix A:	Locality map	☒
Appendix B:	Site plan(s)	☒
Appendix C:	Colour photographs	☒
Appendix D:	Biodiversity overlay map	☒
Appendix E:	Public participation information: including a copy of the register of interested and affected parties, the comments and responses report, proof of notices, advertisements, Land owner consent and any other public participation information as required in Section J above.	☒
Appendix :	Supporting documents relating to compliance/enforcement history of the applicant, including but not limited to, Pre-compliance/compliance notices, Pre-directives/directives etc.	N/A
Appendix F:	Environmental Management Programme	☒
Appendix G:	Specialist Report(s), BOTANICAL IMPACT REPORT	☒
Appendix :	Certified copy of Identity Document of Applicant	
Appendix H:	Screening	☒
Appendix i:	Pre-Compliance Statement	☒

Where an application has been made in terms of the waste management activities, please complete and annex Annexure 1 as in the following:

Annexures for waste listed activity/ies supporting information		Tick the box if Annexure is attached
Annexure 1	Waste listed activities supporting information (as in prescribed attached form)	
Other	(please list accordingly)	

NEMA SECTION 24G APPLICATION AND ASSESSMENT REPORT

DECLARATIONS

DECLARATION OF THE APPLICANT

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

I, John Wesley de Gruchy, ID number 3903185061084, in 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: 18/06/2024

The Volmoed Trust for Healing and Reconciliation.
Name of Firm (close corporation/company/trust etc.) (if applicable):

DECLARATION OF THE ENVIRONMENTAL ASSESSMENT PRACTITIONER ("EAP")

I **MICHELLE NAYLOR** EAPASA Registration number **2019/698** as the appointed EAP hereby declare/affirm the correctness of the information provided or to be provided as part of this application, and that:

- in terms of the general requirement to be independent:
 - other than fair remuneration for work performed/to be 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/will disclose, 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/will ensure that information containing all relevant facts in respect of the application was/will be distributed or was/will be 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/will be provided with a reasonable opportunity to participate and to provide comments;
- I have ensured/will ensure that the comments of all interested and affected parties were/will be considered, recorded, responded to and submitted to the Competent Authority in respect of this application;
- I have ensured/will ensure the inclusion of inputs and recommendations from the specialist reports in respect of the application, where relevant;
- I have kept/will keep a register of all interested and affected parties that participated in the public participation process;
- I am aware that a false declaration is an offence in terms of Regulation 48 of the NEMA EIA Regulations;



04-11-2025

Signature of the EAP:

Date:

LORNAY ENVIRONMENTAL CONSULTING

Name of company (if applicable):

PART 4 -

ANNEXURE B - SUPPORTING INFORMATION WHERE THE ACTIVITY BEING APPLIED FOR IS A LISTED WASTE MANAGEMENT ACTIVITY/IES (IF RELEVANT)

N/A

1. WASTE QUANTITIES

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

Note: In this case of hazardous waste, the National Department of Environmental Affairs is the relevant competent authority to consider the 24G application.

Non-hazardous waste	Total waste handled (tonnes per day)

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

Determined from volumes

Determined with weighbridge/scale

Estimated

1.1. Recovery, Reuse, Recycling, treatment and disposal quantities:

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

TYPES OF WASTE	MAIN SOURCE (NAME OF COMPANY)	QUANTITIES	ON-SITE	OFFSITE RECOVERY	OFFSITE DISPOSAL
			RECOVERY REUSE RECYCLING TREATMENT OR DISPOSAL	REUSE RECYCLING TREATMENT OR DISPOSAL	

		Tons/ Month	M ³ / Month	Method & Location	Method & Location and Contractor details	

2. GENERAL

Prevailing wind direction (e.g. NWW)

November – April

May – October

The size of population to be served by the facility:

	Mark with "X"	Comment
0-499		
500-9,999		
10,000-199,999		
200,000 upwards		

LANDFILL PARAMETERS (If applicable)

The method of disposal of waste:

Land-building ☐ Land-filling ☐ Both ☐**The dimensions of the disposal site in metres**

	At commencement	After rehabilitation

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

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

The total volume already used for waste disposal on the site:

(a) Will the waste body be covered daily	Yes	No
(b) Is sufficient cover material available	Yes	No
(c) Will waste be compacted daily	No	No

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

The Salvage method

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

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

Fatal flaws for the site:

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

Within a 3000m radius of the end of an airport landing strip	Yes	No
Within the 1 in 50-year flood line of any watercourse	Yes	No
Within an unstable area (fault zone, seismic zone, dolomitic area, sinkholes)	Yes	No
Within the drainage area or within 5 km of water source	Yes	No
Within the drainage area or within 5 km of water source	Yes	No
Within an area adjacent to or above an aquifer	Yes	No
Within an area with shallow bedrock and limited available cover material	Yes	No
Within 100 m of the source of surface water	Yes	No
Within 1km from the wetland	Yes	No

Indicate the distance to the boundary of the nearest residential area

metres

Indicate the distance to the boundary of the industrial area

metres

Wettest six months of the year

November–April

May–October

☐
☐

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

	Total rainfall for 6 months	Total rainfall for 6 months	Total rainfall for 6 months
For the 1st wettest year			
For the 2nd wettest year			
For the 3rd wettest year			
For the 4th wettest year			
For the 5th wettest year			
For the 6th wettest year			
For the 7th wettest year			
For the 8th wettest year			
For the 9th wettest year			
For the 10th wettest year			

Location and depth of ground water monitoring boreholes:

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

Location and depth of landfill gas monitoring test pit:

Codes of the boreholes	Borehole locality	Latitude	Longitude
		° ' "	° ' "

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