



Draft NEMA S24G Application form

In terms of the **National Environmental Management Act** (Act No. 107 of 1998, as amended) & 2014 Environmental Impact Regulations as amended for:

**NEMA Section 24G Environmental Authorisation Process for
commencement of activities on Farm Portions 420 and 373,
Outeniqua Game Farm
Mossel Bay District Municipality
24G Consultation: 14/2/4/1/D6/28/0004/20
For 30-day review and comment**



PREPARED FOR THE APPLICANT:

Outeniqua Game Farm - Patick Moore

PREPARED BY:

EMAIL: patricreevesmoore@gmail.com

DATE:

CLAIRE DE JONGH (EAPASA REG: 2021/3519)

April 2025

Glossary of Terms

CBA	CBA Critical Biodiversity Area – Areas in a natural condition that are required to meet biodiversity targets, for species, ecosystems or ecological processes and infrastructure.
DEADP	Western Cape Department of Environmental Affairs and Development Planning
DFFE	Department of Forestry, Fisheries and the Environmental
DWS	Department of Water and Sanitation
EAP	<p>Environmental Assessment Practitioner – An EAP and a specialist, appointed in terms of regulation 12(1) or 12(2) must –</p> <ul style="list-style-type: none"> be independent. Have expertise in conducting environmental impact assessments or undertaking specialist work as required, including knowledge of the Act, these regulations and any guidelines that have relevance to the proposed activity. Ensure compliance with these Regulations Perform the work relating to the application in an objective manner, even if this results in views and findings that are not favourable to the application. Take into account, to the extent possible, the matters referred to in regulation 18 when preparing the application and any report, plan or document relating to the application; and Disclose to the proponent or applicant, registered and affected parties and the competent authority all material information in the possession of the EAP and, where applicable, the specialist, that reasonably has or may have the potential of influencing – Any decision to be taken with respect to the application by the competent authority in terms of these regulations; or The objectivity of any report, plan or document to be prepared by the EAP or specialist, in terms of these Regulations for submission to the competent authority; unless access to that information is protected by law, in which case it must be indicated that such protected information exists and is only provided to the competent authority. <p>(2) In the event where the EAP or specialist does not comply with sub regulation (1)(a), the proponent or applicant must, prior to conducting public participation as contemplated in chapter 5 of these regulations, appoint another EAP or specialist to externally review all work undertaken by the EAP or specialist, at the applicants cost.</p> <p>(3) An EAP or specialist appointed to externally review the work of an EAP or specialist as contemplated in sub regulation (2), must comply with sub regulation (1).</p>
ECO	Environmental Control Officer – A site agent who needs to ensure that all environmental authorisation and conditions are adhered to during the construction phase of the project.
EIA	Environmental Impact Assessment
EMPr	Environmental Management Programme – can be defined as “an environmental management tool used to ensure that undue or reasonably avoidable adverse impacts of the construction, operation and decommissioning of a project are prevented; and that the positive benefits of the projects are enhanced”.

ESA	Ecological Support Area – Areas that are not essential for meeting biodiversity targets, but that play an important role in supporting the functioning of PAs or CBAs and are often vital for delivering ecosystem services.
GA	General Authorisations
IAP	Interested and Affected Party/ies - in relation to an application, means an interested and affected party whose name is recorded in the register opened for that application in terms of regulation 42.
MBDM	Mossel Bay District Municipality
MMP	Maintenance Management Plan – means a maintenance management plan for maintenance purposes defined and adopted by the competent authority
NEMA	National Environmental Management Act (Act 107 of 1998) as amended 2017 – national environmental legislation that provides principles for decision-making on matters that affect the environment.
NWA	National Water Act (act 36 of 1998)
PA	Protected Area - A protected area is an area of land or sea that is formally protected by law and managed mainly for biodiversity conservation. Protected areas recognised in the National Environmental Management: Protected Areas Act (Act 57 of 2003) (hereafter referred to as the Protected Areas Act) are considered formal protected areas in the NPAES. This is a narrower definition of protected areas than the International Union for Conservation of Nature (IUCN) definition. ¹ The NPAES distinguishes between land-based protected areas, which may protect both terrestrial and freshwater biodiversity features, and marine protected areas.
SANBI	South African National Biodiversity Institute
WULA	Water use license application
WUL	Water use license

EXECUTIVE SUMMARY

Introduction

Activities have been carried out on Farm Portions RE/420 (489ha) and 373 (789ha), Outeniqua Game Farm which require a Section 24 G application process to be carried out in terms of the National Environmental Management Act (Act 107 of 1998) (NEMA).

Claire De Jongh (EAPASA registration: 2021/3519) was appointed as independent EAP in May 2024 by Ecoroute.

Activities include:

Past activities carried out by previous landowner (prior to 2016) (baseline)

- Agricultural activities (197 ha) (both portions)(cattle farming, sorghum)
- Dwellings (both portions)
- Roads and crossings (both portions)
- Quarries (ptn 420)
- It is assumed that some form of water supply was in place, but no specific details are available

Existing activities carried out by new landowner (2016 onwards)

- Groundwater abstraction (both portions)
- Water storage facilities (both portions)
- Crop, pastures and supporting infrastructures (89ha) (both portions)
- Game farm (remaining area Ptn 420)
- Restaurant and tourist centre (Ptn 420)
- Staff accommodation (Ptn 420)
- Roads and crossings (both portions)

Proposed

- Installation of in-stream dam (12-meter height maximum; 150 000m³ capacity) and associated pipeline to provide water for existing and proposed activities,
- Agricultural expansion on ptn 373 (proposed – 380 ha expansion); (preferred - 20 ha expansion on ptn 373)
- Predator enclosure expansion (ptn 420) (17 ha – proposed; 10.4 ha preferred)
- Elephant enclosure (ptn 420) (1ha – proposed and preferred)

Water related activities

A general authorisation has been issued by DWS for the following:

- Portion 373 (4/5/K10D/Outeniqua)
 - o Section 21 a – taking ground water from a borehole for irrigation (117 819m³/annum)
 - o Section 21 a - taking surface water from river / stream for irrigation (80 000m³.annum)
 - o Section 21b – storage of water (40 000m³)
- Portion 420 (4/5/6/K10D/Outeniqua)
 - o Section 21 a – taking ground water from a borehole for irrigation (73 425m³/annum)
 - o Section 21 a - taking surface water from river / stream for irrigation (80 000m³.annum)
 - o Section 21b – storage of water (40 000m³)

The quality of the water abstracted from the boreholes is reportedly saline and not fit for domestic and irrigation purposes. Treating the water via reverse osmosis is not a financially feasible alternative.

The applicant is therefore proposing to construct a dam with a 150 000 m³ capacity in order to sustain the existing and proposed activities on the farm portions.

A hydrology study (February 2025) has been carried out as part of this assessment application process. Based on a detailed monthly water balance based on weather data covering a 50-year period, a dam size of 150 000 m³ is expected to provide at least a 95 % assurance of supply. (Appendix D4)

Authorisation of additional taking of water from the Ruiterbos River must be subject to the surrender of abstraction rights from boreholes on RE/420 and RE/373.

Documents which have been perused are provided and summarised in Table 1. The full documents are provided in Appendix J to this S24G application form.

The information perused is presented at the start of this assessment to provide an overview of:

- Activities that have taken place prior to Outeniqua Game Farm cc (OGF) taking ownership of the land
- Activities that have taken place since OGF have taken ownership and management
- Activities proposed by OGF

All activities requiring approvals in terms of environmental legislation is provided. The amount of environmental legislation is overwhelming to those who are unfamiliar with the legislation. Due diligence was unfortunately not carried out on the property prior to purchase and the landowner did not seem to be informed during the land purchase process of environmental approvals that may be required. The property is zoned for agriculture. A person unfamiliar with the legislation is then led to believe that such zoning allows farming to take place.

A screening tool report was generated to determine the relevant studies required to be carried out.

The appointed EAP in 2019 did not do this when the S24G process was first initiated as it was not a requirement in 2019. Due to unfortunate circumstances, Eco Route have continued with the S24G application process.

The DFFE National Screening Tool indicates the following environmental sensitivities which has assisted in the identification of potential impacts:

- Agriculture theme: High sensitivity
- Animal species theme: High sensitivity
- Aquatic biodiversity theme: Very high sensitivity
- Archaeological and Cultural Heritage theme: Low sensitivity
- Civil aviation theme: Medium sensitivity
- Defence theme: Low sensitivity
- Palaeontology theme: Low sensitivity
- Plant species theme: Medium sensitivity.
- Terrestrial biodiversity theme: Very High Sensitivity

The following specialist studies have been carried out as part of this assessment process:

- Vegetation assessment, Jan Vlok, 2019 (dwellings, structures, agriculture, roads on ptn 420)(Appendix H6)
- Vegetation and terrestrial biodiversity assessment, Confluent, 2024 (dwellings, dam on ptn 420)(Appendix H1)
- Aquatic assessment ,Confluent, 2024 (Appendix H3)
- Soil Assessment, 2024 (past, current, proposed agricultural activities) (Appendix H4)
- Terrestrial biodiversity assessment, Confluent, 2025 (past, current and proposed agricultural activities, ptn 373 and 420) (Appendix H2)
- Hydrology assessment, Confluent, 2024 (Appendix H5)

Site verification is provided in Table 2.

All information perused as well as recent specialist reports provided have been used by the EAP to present the baseline conditions likely in place at the time of new ownership in 2016. Past, existing and proposed activities are assessed. Relevant alternatives are assessed. An indication of environmental management measures in place are provided. Identified mitigation measures (including rehabilitation where deemed necessary) is provided. The mitigation measures are provided in the EMPr proposed for activities.

The following activities included in Listing Notices (LN) 1, 2 and 3 of the 2014 Environmental Impact Assessment (EIA) Regulations (as amended, 2071) published in terms of National Environmental Management Act (Act 107 of 1998) (NEMA) are assessed:

- Development within / within 32 meters of watercourse (LN1, activity 19)
- Development of facilities or infrastructure for the storage of water, including dams and reservoirs (LN3 activity 2; 14, 23; LN2 activity 16; LN 1, activity 13)
- Clearance of indigenous vegetation (LN3, activity 12; LN 2 activity 15; LN 1 activity 27))
- Development of roads (LN3 activity 4, Ln 2 activity 27)

Impact Assessment summary

The site is considered to have high value in terms of biodiversity conservation due to the mountainous terrain associated with drainage areas, thicket vegetation in the valley areas and fynbos areas on the ridges. The assessment has provided an overview of past and current activities and disturbances.

The site has been divided into 5 areas for the purpose of the assessment (Refer to Figure 1)

Area 4 (ptn 373) is further subdivided in 18 areas for purpose of soil classification, recommended agricultural and rehabilitation areas.

Areas 5 (ptn 420) is further subdivided into 8 areas for purpose of mixed-use areas (restaurant, dwellings, agricultural, rehabilitation, enclosures)

Areas with proposed / existing activities are identified as follows:

Area 1 – five dwellings

Area 2 – dwellings, structures, water storage, roads, tracks

Roads between Area 2 and 3

Area 3 – dam (existing and proposed), solar

Area 4: Agricultural area and supporting activities – ptn 373

Areas 4 – 1 to 4-17

- Past use areas (prior to 2005): 95,77ha
- Past use agricultural areas currently in use: 43,31 ha crop and 12.5 ha dryland
- Past undisturbed area currently in use: 1 ha (Site 4-16)

Area 5: Agricultural area, game farm, tourism, game enclosures and supporting activities on ptn 420

Areas 5 -1 and 2 to Areas 5-8

- Past use areas (prior to 2005): 97,05ha
- Past use agricultural areas currently in use: 17.2 ha crop
- Past use agricultural areas currently in use: 7200m2 restaurant adjacent to old quarry
- Additional structures, roads, reservoirs in use: 1ha – developed on previously disturbed areas
- Proposed – predator enclosure: 10.4 ha (maximum) within previously disturbed area (Area 5-4)
- Proposed – elephant night enclosure to accommodate a maximum of four (4) African elephants: 1 ha within previously disturbed area (Area 5-1&2)

Extent of areas with alien invasive species (AIS): 200ha

The main impacts associated with the activities include the following:

- Loss of indigenous vegetation
- Impact on terrestrial ecosystem and associated biodiversity
- Fire risk

- Susceptibility of some areas to erosion
- Impact on land capability (past grazing and current / proposed activities)
- Impact on carrying capacity
- Invasion by exotic and alien invasive species and ongoing removal
- Impact on surface water flows
- Impact on aquatic ecosystem and associated biodiversity
- Impact on socio-economic conditions as a result of employment opportunities
- Impact on socio-economic conditions as a result of agricultural activities

Several impacts were identified and assessed for construction and operational phases. Measures are provided to rehabilitate existing impacts, prevent anticipated impacts and enhance positive impacts. The impacts are rated without and with recommended mitigation measures in place. A summary of is provided in Table 3;

The full comprehensive assessment (including baseline, impact ratings and mitigation measures) is provided as Appendix M of this application form.

The EMPr is provided as Appendix I.

Conclusion

The majority of current activities are largely concentrated within previously disturbed areas, with the exception of the proposed dam footprint, area 4-16 and the new dwellings and some internal roads.

The soil assessment and vegetation assessment has informed the most suitable areas to be used for irrigated crop farming; existing dryland and crop farming activities are recommended to be managed as per recommendations in the EMPr. Dryland pastures have an approximate footprint of 12 ha. The combined footprint of current irrigated agricultural activities is approximately 60ha; An additional 20 ha on ptn 373 has been identified as suitable; however, this expansion is to maintain 60 ha under irrigation with 20 ha available for crop rotation. The hydrology assessment has informed the water requirements and availability. An estimated 150 000m³ water / annum will be required for the operations.

It is recommended that approximately 21 ha of historically disturbed fynbos on Portion 373 and 17.5 ha on Portion 420 be left to regenerate naturally as part of broader ecological restoration efforts. Alien Invasive Species (AIS) currently affect an estimated 200 ha of property. Ongoing AIS clearing is being implemented (with approximately 200 ha cleared to date) and should continue in conjunction with rehabilitation activities in line with the Environmental Management Programme (EMPr). Ongoing AIS clearing in combination of ongoing rehabilitation could provide the opportunity for sustainable harvesting of *Agathosma recurvifolia* and *Cyclopia subternata* (included in suitable plants for rehabilitation); this would need to be informed by annual monitoring.

Based on the current and historical land use, the proposed development results in no net increase in ecological disturbance, with the total operational footprint reducing from approximately 197 ha of previous grazing to 122 ha post-development. The property currently has a diversity of land uses that are considered to complement each other. A number of positive impacts are identified and include provision of housing for staff, food production, creation of employment and economic opportunities, sustainable use of energy and environmental awareness.

The existing infrastructure aligns with the property's mixed-use character and supports rural employment opportunities. Given that the development occurs mostly on previously disturbed areas, and with the implementation of the AIS, rehabilitation and fire management as per the EMPr, no biodiversity offset is considered necessary. The proposal aligns with the principles of sustainable development in terms of Section 2 of NEMA.

Additional low impact activities recommended to be integrated into agricultural activities include bee-farming and organic poultry farming; it is further recommended to consider olive trees (i.e. instead of additional maize or avocado) due to the lower water requirements. Having the water required for effective operations of the agricultural and game farming area will result in a positive impact of medium high significance.

In terms of the National Environmental Management Act, 1998 (Act No. 107 of 1998) (NEMA) and the 2014 Environmental Impact Assessment (EIA) regulations (as amended, 2017), the current and proposed activities requires an environmental authorisation to be issued by the Western Cape Department of Economic Development and Environmental Affairs before further development can commence.

A water use license is required to be issued by the department of Water and Sanitation for Section 21 waster uses listed in the National Water Act (Act 36 of 1998). A water use license process has been initiated in 2024, the property is currently under investigation by the DWS. The draft S24 application form will be submitted to the DWS for review and comment. A copy of the final S24G application form will be provided to the DWS.

A soil permit is required for disturbance to soil. Due to the zoning of the property and the soil assessment carried out, the draft S24 application form will be submitted to the Western Cape Department of Agriculture for review and comment. A copy of the final S24G application form will be provided to the Western Cape Department of Agriculture.

Permits for protected trees and flora and fauna species and conservation concern will be required from Cape Nature; relevant permits required are included in the EMPr.

The draft S24 g application form and appendices will be distributed to all registered interested and affected parties for a 30-day review and comment period. The report will then be updated with all comments received and responses to the comments and the final S24G assessment will be submitted to the DEADP for decision making.

NEMA SECTION 24G APPLICATION COMPLETENESS CHECKLIST

Table 1: Documents perused by EAP

Name	Date	Summary of contents	Reference applicable	if	Contact From	To	Relevance
1. Planning information							
1. SDP, RJB Venter, July 2019;		OGF SDP Location, 20 m contours, landscaping, roads, building plans					
2. Proposed spatial development Plan, RJB Venter, July 2019;	Approved by MBM, 7 October 2019	Approval of six workers cottages; total development footprint 1445.5m2 for Farm 373					
3. Response to application for amendment	8 December 2022	Accommodate changes to SDP and expansion of tourist facility with a chapel, establish a function venue be approved subject to conditions: 4.1 – Detailed SDP submitted for approval by Director Planning and Economic Development 5.1 proposal will not have a negative impact on character of area as primary use will remain agricultural	15/4/44/6; 15/4/44/1; 15/4/44/4M Engelbrecht		MBM: Planning and Economic development	Marlize De Bruyn Planning	
4. Response to	No date	Outstanding information:	8484692		Larne Thorpe	OGF	

**NEMA SECTION 24G APPLICATION
COMPLETENESS CHECKLIST**

Name	Date	Summary of contents	Reference applicable if	Contact From	To	Relevance
application for approval of a building plan.		Approval from MBM: town planning department and approved land use application – technical services – approved plan. Town planning – proposed chapel not in line with approval; Fire – provide fire plan; Environmental – checklist and photos of area		Building control officer		
5. Letter from Mossel Bay Municipality: Planning and Development	July 2023	Agricultural zoning 1 - Land use description		jroux@mosselbay.gov.za	Rocky.grompie@gmail.com	
2. Previous and existing approvals						
Construction of a resort on OGF 350, 373 and ptn of portion 3 of Farm Palmiet Rivier 118	17 September 2008	<p>Schedule 1 of GN No. R1182 of 5 September 1997, 1m - construction of public / private resorts and infrastructure 2c – change of land use from agricultural or zoned undetermined use or an equivalent zoning to any other land use</p> <p>OGF 350 (426ha), 373 (785ha) and ptn of ptn 3 of farm Palmiet rivier 118 (62ha) be consolidated to form OGF 350.</p> <p>Construction of 30 holiday chalets with footprint of 120m2 each, reception area and restaurant and associated services (Delplan,</p>	EG12/2/1-74-Outeniqua Game Farm	Danie Swanepoel	Mr R Ludwig	<p>Note – three properties not consolidated; OGF ptn 350 - 426 ha and Ptn 3 of Farm Palmiet Rivier consolidated to OGF 420 (444 ha – as per SDP, 2020 (Appendix B)); 489 ha as per Title Deeds (Appendix L)</p> <p>OGF 373 described as 785 ha</p> <p>(refer to Title Deeds – Appendix L)</p>

**NEMA SECTION 24G APPLICATION
COMPLETENESS CHECKLIST**

Name	Date	Summary of contents	Reference applicable if	Contact From	To	Relevance
		March 2004) Units will be located on agricultural lands. Remainder of 1274ha will be rezoned to Open space III and be managed as a nature Reserve.				
General authorisation in terms of the National Water act (Act 36 of 1998) – 21 a and 21b, ptn 373	27 March 2018	Borehole – 117819m3 /a Surface – 80 000m3/a Storing – 40 000m3	4/5/6/K10D/Outeniqua Game Farm cc	fsmith@bgcma.co.za	K Smith	Current abstraction, storage volumes permitted on ptn 373
General authorisation in terms of the National Water act (Act 36 of 1998) - 21 a and 21b, ptn 420	27 March 2018	Borehole – 73425m3 /a Surface – 80 000m3/a Storing – 40 000m3	4/5/6/K10D/Outeniqua Game Farm cc	fsmith@bgcma.co.za	K Smith	Current abstraction, storage volumes permitted on ptn 420
PERMIT TO KEEP WILD ANIMALS IN CAPTIVITY FOR EXHIBITION PURPOSES Issued in terms of the provisions of the Nature Conservation Ordinance 1974, (Ord 19 of 1974) (Section 31)	13 Novemb er 2024	Issued to Mr. Eric Jurg Olsen Outeniqua Wildlife Adventures Pty Ltd Outeniqua Game Farm, Farm 420	CN7-99-31189			Proposed activity – predator enclosure on ptn 420

3. Authority correspondence

**NEMA SECTION 24G APPLICATION
COMPLETENESS CHECKLIST**

Name	Date	Summary of contents	Reference applicable if	Contact From	To	Relevance
1. Response to proposed application of consent submitted 17 August 2018	30 October 2018	Proposal for construction of 6 dwellings – trigger LN 1 – Activity 12, 19, 28 LN 3 – Activity 2, 4, 12	16/3/3/6/6/D6/29/0136/18	Shireen Pullen	W Manuel admin@mossbay.gov.za wmanuel@mossbay.gov.za	
2. Checklist from DEADP in response to application of consent submitted 17 August 2018 for consent use for additional dwelling units	21 February 2019	Identified that critical information was outstanding (e.g. provision of roads, water and sewerage infrastructure) and details regarding extent of critically endangered vegetation that will potentially be affected or disturbed as a result of the proposed development. Noted that the sub-Directorate: Environmental Law enforcement is in the process of investigated unlawful commencement of listed activities on Farm 373 and 402 and that vegetation was removed to construct units and a road.	16/3/3/6/1/D6/29/0004/19	S Pullen Shireen.pullen@westerncape.gov.za	ogfcc1@gmail.com	
3. Pre-compliance Notice	18 March 2019	Site inspection by EMI on 13 February 2019 which confirmed commencement of clearing of indigenous vegetation of more than 1 ha, clearing of endangered ecosystem vegetation (Garden Route Granite Fynbos) of more than 300m2, construction of a road wider than 4 meters and infilling / moving material within a water course. Commenced with following listed	14/1/1/E3/9/10/3/L1019/19	D mouton	Clint Smith Ogfcc2@gmail.com Ksmith ogfcc1@gmail.com S Pullen Shireen.pullen@westerncape.gov.za Danie Swanepoel Danie.swanepoel@westerncape.co.za Andrew west andrewwest@isat.co.za	

**NEMA SECTION 24G APPLICATION
COMPLETENESS CHECKLIST**

Name	Date	Summary of contents	Reference applicable if	Contact From	To	Relevance
		activities without environmental authorisation LN 1 – Activity 19, 27, 28, LN 3 – Activity 2, 4, 12				
4. Response from DEADP referencing precompliance Notice dated 18 March 2019 and representation received from appointed EAP, Andrew West Environmental Consultancy dated 12 June 2019 (including Botanical Impact Assessment Report)	31 October 2019	LN1 -Activity 19 not applicable as infilling below 10m3 threshold Ln 1 – activity 27 – remains applicable; no permits by Department Agriculture and no EA for clearing activities (areas were not managed as cultivation / grazing in preceding 10 years) LN1 – activity 28 – remains applicable - cumulative footprints of buildings are below 1 ha threshold however no approved building plans or SG diagrams provided to confirm information. LN 3 – Activity 2 – total capacity of dams below threshold of 240 cubic meters – activity not triggered Ln 3 – Activity 4 – remains applicable LN 3 – Activity 12 -remains applicable	14/1/1/E3/9/10 /3/L1019/19	D mouton	Clint Smith Ogfcc2@gmail.com Ksmith ogfcc1@gmail.com S Pullen Shireen.pullen@westerncape.gov.za Danie Swanepoel Danie.swanepoel@westerncape.co.za Andrew west andrewwest@isat.co.za	
5. Acknowledgement of in process to do rectification through S24G process	30/04/201	Acknowledgement of in process to do rectification through S24G process	14/1/1/E3/9/10 /3/L1019/19	Diana Mouton	Clint Smith Ogfcc2@gmail.com Mrs K Smith (property owner) Email: ogfcc1@gmail.com Mr A West (A West Environmental Services)	

**NEMA SECTION 24G APPLICATION
COMPLETENESS CHECKLIST**

Name	Date	Summary of contents	Reference applicable if	Contact From	To	Relevance
					Email: andrewwest@isat.co.za Mr Ziyaad Allie (DEA&DP: Rectification) Email: Ziyaad.allie@westerncape.gov.za Mrs S Pullen (DEA&DP: Development Management) Email: Shireen.Pullen@westerncape.gov.za Musfiqah Abrahams (Mossel Bay Municipality) Email: Musfiqah.Abrahams@mosselbay.gov.za	
6. Notice of Referral to criminal investigations		S24G consultation: 14/2/4/1/D6/28/0004/20 closed due to no submission	S24G consultation: 14/2/4/1/D6/28/0004/20			
4. Response from OGF						
1. Response to DEADP letter dated 30 October 2019 14/1/1/E3/9/10/3/L1019/19	29 November 2019	OGF was used as a cattle farming (65 head of cattle) Approved site plan of OGF showing cumulative footprint of all approved building totalling 4421.5m ² Will provide rehabilitation plan for road Request extension of timeframe until 28 February 2020 EAP – Andrew West Botanist – Jan Vlok		OGF Kerry Smith	D Mouton	Farm was used for cattle farming (2001 – 2016 by previous landowner / tenant; 1976 – 2001 earlier landowners) Rehabilitation Plan Road A Large stock unit – official definition as the equivalent of an ox weighing 450kg which gains 500 gram per day on grass pastures In very dry areas, the stocking rate could be as light as one large stock unit (1 LSU) per 30ha; 65 LSU conservatively assumed at 1 LSU per 3 ha.



**NEMA SECTION 24G APPLICATION
COMPLETENESS CHECKLIST**

Name	Date	Summary of contents	Reference applicable if	Contact From	To	Relevance
2. Section of title deed (5.1.2 – 5.1.3)		Previous tenant was given permission to use the grazing on the fixed property to a maximum of 65 head of cattle – new owner to give 6 months' notice to tenant.		OGF Kerry Smith	D Mouton	Farm was used for cattle farming between 2001 - 2016
3. Affidavit		Affidavit Naas Meyer – previous owner 373 and 420 – second generation – inherited from father – father before 1976 1976 – 2001 – beeste geloop op die plaas (cattle grazing) MB Lukoschek bought the farm				Mr R Ludwig not Lukoschek? Ptns 420 and 373 used for cattle grazing between 1976 to 2001
5. Management Plans						
1. Fire management plan	March 2016	OGF fire management plan –	Unreferenced	Not provided		Note: references to USA and not applicable to the property in question
2. Invasive Species control plan - Outeniqua Game Farm	January 2020	Invasive Species control plan - Outeniqua Game Farm				Plan must be updated by fynbos fire management specialist and include relevant mitigation measures identified in this S24g application. This application must be reviewed by the Southern Cape Fire Protection Association (SCFPA) so they can provide comments on the management recommendations from a fire risk reduction perspective. It is further recommended that OGF become members of the SCFPA.
6. Previous assessments						
1. REPORT: ASSESSMENT AND ANALYSIS	February 2017	Fire investigation of fire which occurred on 23 December 2016		Willem Vorster South African National Space		

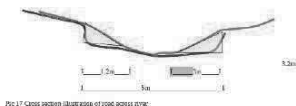
**NEMA SECTION 24G APPLICATION
COMPLETENESS CHECKLIST**

Name	Date	Summary of contents	Reference applicable if	Contact From	To	Relevance
OF THE FIRE NEAR MOSSEL bay				Agency Tel +27 12 844 0393 Fax +27 12 844 0397 Email wvorster@sansa.org.za		
2. ENVIRONMEN TAL REPORT Andrew West	April 2018	Ln Activities identified – LN1 – activity 27 (clearance of 1 ha or more) Ln3 – Activity 12 (clearance of 300m2 vegetation or more) – ongoing clearance and maintenance work Details on AIS clearing relevant to species and areas on the property	Ref: MOS18/67/03	Andrew West	DEADP	Details on AIS clearing relevant to species and areas on the property
3. Outeniqua Game Farm Report compiled by Outeniqua Game Farm in consultation with Andrew West Environmental Consultancy & Gorra Water	12 June 2019	Overview of activities carried out. Some project information provided.	None provided	Compiled by Outeniqua Game Farm in consultation with Andrew West Environmental Consultancy & Gorra Water	DEADP	Total Area Burnt: 1080.36 Ha Total Area not Burnt 198.04 Ha 2 applications made to the government for assistance for feed for the +150 livestock left on the farm (+63 Cattle burnt in the Fire). The burnt areas had to be cleared of debris and planted with grazing for the livestock Prior to fire – sections infested with Alien Vegetation (Black wattle, Hakia, Bluegum) the fire was very intense. This resulting in the mass germination of Black wattle seeds. Steel dams provided

NEMA SECTION 24G APPLICATION
COMPLETENESS CHECKLIST

Name	Date	Summary of contents	Reference applicable	if Contact From To	Relevance																																																												
					<div><div>STEEL DAMS ON FARM No.420</div><table><tr><th></th><th>Height</th><th>Max. Fill Depth</th><th>Diameter</th><th>Surface Area</th><th>Capacity (Litres)</th></tr><tr><td>Dam 1</td><td>2.5 m</td><td>2.4 m</td><td>1.15 m</td><td>196.07m²</td><td>284 000 l</td></tr><tr><td>Dam 2</td><td>4.3 m</td><td>3.35 m</td><td>10 m</td><td>299.86 m²</td><td>251 221 l</td></tr><tr><td></td><td></td><td></td><td></td><td></td><td>486 221 l</td></tr></table><div>Dam 1 (GPS Co-ordinate :33.92645, 22.6261)</div><div><div></div><div><div>Picture 31: Dam 1, Close-Up: 1.5 m from top</div><div>Picture 32: Dam 1, Height: 2.5 m</div></div></div><p>List of buildings provided (in addition to restaurant and 5 dwellings)</p><div><div>3.3. LIST OF BUILDINGS ON USE</div><div>FARM 420</div><table><tr><th>PIN No</th><th>DESCRIPTION</th><th>FOOTPRINT (m²)</th></tr><tr><td>1</td><td>Primary dwelling</td><td>285 m²</td></tr><tr><td>2</td><td>Store 1</td><td>351 m²</td></tr><tr><td>3</td><td>Workshop/office</td><td>46 m²</td></tr><tr><td>4</td><td>Store 2</td><td>551m²</td></tr><tr><td></td><td>CUMULATIVE FOOTPRINT</td><td>1433 m²</td></tr></table><div>FARM 373</div><table><tr><th>PIN No</th><th>DESCRIPTION</th><th>FOOTPRINT (m²)</th></tr><tr><td>5</td><td>Primary dwelling Appendix 7 Approved plans (construction in progress)</td><td>407m²</td></tr><tr><td>6</td><td>Secondary dwelling</td><td>220 m²</td></tr><tr><td>7</td><td>Staff Accommodation</td><td>82 m²</td></tr><tr><td>8</td><td>Store 3</td><td>551 m²</td></tr><tr><td></td><td>CUMULATIVE FOOTPRINT SIZE</td><td>1950 m²</td></tr></table></div><p>Road section across river provided.</p></div>		Height	Max. Fill Depth	Diameter	Surface Area	Capacity (Litres)	Dam 1	2.5 m	2.4 m	1.15 m	196.07m ²	284 000 l	Dam 2	4.3 m	3.35 m	10 m	299.86 m ²	251 221 l						486 221 l	PIN No	DESCRIPTION	FOOTPRINT (m ²)	1	Primary dwelling	285 m ²	2	Store 1	351 m ²	3	Workshop/office	46 m ²	4	Store 2	551m ²		CUMULATIVE FOOTPRINT	1433 m ²	PIN No	DESCRIPTION	FOOTPRINT (m ²)	5	Primary dwelling Appendix 7 Approved plans (construction in progress)	407m ²	6	Secondary dwelling	220 m ²	7	Staff Accommodation	82 m ²	8	Store 3	551 m ²		CUMULATIVE FOOTPRINT SIZE	1950 m ²
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Name	Date	Summary of contents	Reference applicable if	Contact From	To	Relevance												
						 <p>FIG 17 CROSS SECTION (AHEAD END OF ROAD ACROSS STREAM)</p> <table><tr><td>Road Width</td><td>1.2m</td><td>1.2m</td></tr><tr><td>Road Length across streambed</td><td>1.2m</td><td>1.2m</td></tr><tr><td>Cutting height</td><td>0.7m</td><td>0.7m</td></tr><tr><td>TOTAL CUTTING MATERIAL</td><td>0.000m³</td><td>0.000m³</td></tr></table>	Road Width	1.2m	1.2m	Road Length across streambed	1.2m	1.2m	Cutting height	0.7m	0.7m	TOTAL CUTTING MATERIAL	0.000m³	0.000m³
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TOTAL CUTTING MATERIAL	0.000m³	0.000m³																
4. Botanical assessment	June 2019	Assessed vegetation cleared used to establish agricultural lands, to establish a water reservoir and shed area and along upgrade access routes.	14/1/1/E3/9/10 /3/L1019/19	Jan Vlok	DEADP / Andrew West	<p>Survey carried out in autumn and all site were durned down during 2018 – post fire conditions ideal to survey sites</p> <p>Disturbed sites on ptn 420:</p> <p>Site 1 consists of the establishment of a reservoir.</p> <p>Site 2 is clearing of vegetation to establish agricultural land.</p> <p>Site 3 is mowing of vegetation.</p> <p>Site 4 is clearing of vegetation to establish agricultural land.</p> <p>Site 5 is upgrading of a road.</p> <p>Site 6 is infilling of watercourse.</p> <p>Site 7 is clearing of vegetation to establish a water reservoir and shed area.</p> <p>Referred to in assessment (Appendix M) Provided in Appendix H6</p>												
7. Water use application documents																		
Water use application	September 2022	Details of application submitted to BOCMA C401-C051-420-000-CSIR Irrigation water use – 17.93 ha (Grazing) Water storage – Not registered		Kerryn Smith														

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		240m3 1040m3 200m3 400m3 320m3 480m3 320m3 2560m3 720m3 320m3 720m3 960m3 240m3 Total – 8520 m3 (volume suggested for verification) C401-C051-373-000-CSIR Irrigation water use – 42.05 ha (Grazing) Water storage 49 964 m3 (Registered) Volume suggested for verification 3800m3 400m3 2970m3 600m3 Total – 7770 m3 C401-C051-118-003-CSIR Irrigation water use – 61 ha (Grazing) Water storage Not registered Volume suggested for verification				

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		680m3 240m3 40m3 80m3 Total – 1080 m3				
Proposals						
OUTENIQUA GAME FARM ECO UPLIFTMENT PROPOSAL	None provided	Overview of concept of eco village proposal.	None provided		Prepared for Mr Gerrit van Vuuren Contact Person: Kerry Smith Address: Outeniqua Game Farm R328, Ruitersbos, Mosselbay Cell: 082 218 9633 Email: ogfcc1@gmail.com	Further development (other than that addressed in this application), would need to be assessed for separate EA, however it is referred to in this assessment – the existing 5 dwellings are recommended for rehabilitation similar to the proposed concept
OGF Predator management Plan	June 2023	Predator management Plan	CN7-99-31189 Cape Nature permit			
Draft CHECKLIST FOR THE DETERMINATION OF THE APPLICABILITY OF THE NEMA EIA REGULATIONS, 2014 (AS AMENDED) – Predator enclosure	July 2023	Description of tourism facility for predator-controlled walks.			Prepared for Outeniqua wildlife adventures - Eric Jurg Olsen Landowners – Outeniqua Game Farm - Clint Smith and Kerry Smith Prepared by: Joclyn Marshall; Ecoroute	Note: Proposed site falls on ptn 420 and activity is included in this assessment
Elephant enclosure and management plan	2025	Location and description of proposed elephant enclosure		Outeniqua wildlife adventures - Eric	Claire De Jongh	Note: Proposed site falls on ptn 420 and activity is included in this assessment

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Name	Date	Summary of contents	Reference applicable	if	Contact From	To	Relevance
					Jurg Olsen		

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Table 2: Verification of environmental sensitivity identified in DFFE screening tool report

Theme	Environmental sensitivity as per screening tool report	Verification of environmental sensitivity	Description
Aquatic Biodiversity	Very High	Very High	An aquatic assessment and a hydrology assessment has been carried out. Terrain throughout the properties consists of flat to gentle sloping plains at higher altitudes, interspersed with very steep valleys along the Ruiterbos River and its tributaries. The Ruiterbos River is mapped as a non-perennial river associated with a channelled valley-bottom wetland. In terms of the Biodiversity Spatial Plan for the Western Cape (WC BSP), the watercourses on the properties are mapped as River and Wetland CBA1. Management Objectives: Maintain in a natural or near-natural state, with no further loss of habitat. Degraded areas should be rehabilitated. Only low-impact, biodiversity-sensitive land-uses are appropriate. The impacts of current and proposed activities on the aquatic system have been assessed.
Archaeological and Cultural Heritage	Low sensitivity	Low sensitivity	The development has already taken place. No specific specialist study is deemed to be required.
Paleontological	Low sensitivity	Low sensitivity	
Animal Species	High sensitivity	High sensitivity	The farm portions are currently used for game farming purposes (ptn 420) and agricultural purposes. All dwellings and infrastructure has been developed. An overview of fauna on the property is provided; Impacts on fauna are addressed; a fauna specialist assessment was not deemed necessary for the activities in place / proposed (new dam) on the farm portions.
Plant Species Assessment	Medium sensitivity	High Sensitivity – Fynbos and Thicket Medium sensitivity – previous disturbed	Plant species assessment have been carried out for the dwelling, roads and dam area in 2024. Plant species were included in the botanical assessment (Vlok, 2019) carried out for activities on ptn 420.

**NEMA SECTION 24G APPLICATION
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Theme	Environmental sensitivity as per screening tool report	Verification of environmental sensitivity	Description
		agricultural areas no longer in use (fynbos invaded with wattle) Low Sensitivity – watercourses / in use disturbed agricultural areas	
Terrestrial Biodiversity Impact	Very High Sensitivity	Very high – fynbos and thicket Medium sensitivity – previous disturbed agricultural areas no longer in use (fynbos invaded with wattle) Low Sensitivity – watercourses / in use disturbed agricultural areas / dwellings	According to the National vegetation map, critically endangered (CR) Garden Route Granite Fynbos and endangered (EN) Swellendam Silcrete Fynbos is mapped on the Portions 373 and 420. These are grouped as midlands upland fynbos ecosystems in the Fynbos Ecosystem Guidelines. Some of valley vegetation was found to be more representative of thicket, which is most consistent with Gouritz Valley Thicket (CR). In terms of the Western Cape Biodiversity Spatial Plan, (WC BSP) the entire site is mapped as a Terrestrial critical biodiversity area (CBA) 1 with small sections mapped as a Terrestrial CBA 2. CBA 1 Objective: Maintain in a natural or near-natural state, with no further loss of habitat. Degraded areas should be rehabilitated. Only low-impact, biodiversity-sensitive land uses are appropriate. CBA2 Objective: Maintain in a functional, natural or near-natural state, with no further loss of habitat. Degraded areas should be rehabilitated. Only low-impact, biodiversity-sensitive land uses are appropriate. The vegetation on Portions 420 and 373 have a high conservation value and are regarded as areas essential to meeting biodiversity targets in the Western Cape.
Civil Aviation Assessment	Medium sensitivity	Low sensitivity	A civil aviation assessment / compliance statement is excluded as the development will not have an impact on civil aviation aerodrome.
Defence theme	Low sensitivity	Low sensitivity	A defence them compliance statement is excluded as the development will not have an impact on the defense theme.





Figure 1: Areas (1 – 5) assessed on ptns 373 (west) and 420 (east), Outeniqua Game Farm

Table 3: Summary of impact assessment

Economic impact - Planning Phase

Aspect	Impact	Summary	Mitigation	Impact rating and Significance without Mitigation	Impact rating and Significance with mitigation
Environmental Authorisation and accompanying management plans Water use license and accompanying conditions Soil permit and accompanying measures	Economic loss and project delays	Commencing without required approvals leads to unnecessary economic costs due to delays in approvals for existing and proposed activities. Water use lice	Apply for environmental authorisation, soil permit and water use license with all required studies and management plan and put in place all conditions of permits / licenses.	Negative High	Negative medium

Terrestrial biodiversity (including flora and fauna) - Past Activities

Aspect	Impact	Summary	Mitigation	Impact rating and Significance without Mitigation	Impact rating and Significance with mitigation
Past agricultural activities (pre 2005) (Area 4-1-15 and 17; Area 5)	Habitat Loss and Fragmentation and loss of SCC	Historical vegetation on the property is (CR) Garden Route Granite Fynbos, (EN) Swellendam Silcrete Fynbos. Historical agricultural activities (dryland cattle grazing) have modified identified areas on the property (little natural vegetation remaining, soil disturbance and AIS). Previously disturbed areas on the site show signs of fynbos regeneration and these areas are not recommended for further agricultural expansion / disturbance (22.98 ha).	Ongoing removal of the AIS using a combination of fire, clearing and biological measures as per the recommended fire management and AIS management measures	Negative medium high	Positive Low

Terrestrial biodiversity (including flora and fauna) - Construction phase - existing activities



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Aspect	Impact	Summary	Mitigation	Impact rating and Significance without Mitigation	Impact rating and Significance with mitigation
Clearing of vegetation for roads, dwellings (Areas 1, 2, 3)	Habitat Loss and Fragmentation	Intact fynbos / thicket with some AIS in dwelling areas; roads along watercourses heavily infested with AIS	Not possible – activity has already occurred. Put in place operational EMP.	Negative High	NA
Clearing of vegetation for roads, dwellings (Areas 1, 2, 3)	Loss of indigenous vegetation and SCC	A search and rescue of flora and fauna could have occurred. Rescued plants could have been used for landscaping / revegetation. Unnecessary harm to fauna (particularly reptiles and burrowing mammals) could have been prevented.	Not possible – activity has already occurred (put in place for future construction activities). Put in place operational EMP	Negative Medium High	Cannot be mitigated
Clearing of vegetation for agricultural activities, enclosures and restaurant facility and supporting structures (reservoirs, solar, roads) (Area 4-15, 17, 9, 10,3; Area 5)	Habitat Loss and Fragmentation	These activities were developed on old agricultural lands. No further habitat fragmentation deemed to occur as a result of these activities.	Operational management must take place as per the operational mitigation measures.	Negative Low	Cannot be mitigated
Clearing of vegetation for agricultural activities, enclosures and restaurant facility and supporting structures (reservoirs, solar, roads) (Area 4-15, 17, 9, 10,3; Area 5)	Loss of indigenous vegetation and SCC	Clearing of vegetation took place. The probability of loss of SCC, based on the current and previous vegetation assessments of this occurring on these areas is considered to be low as these areas had already been transformed upon purchasing of the land by OGF	Operational management must take place as per the operational mitigation measures.	Negative Low	Cannot be mitigated
Clearing of vegetation for agricultural activities at area 4-16 and associated crossing and dam area	Disruption of ecosystem services	Clearing of vegetation took place in a thicket area which was likely disturbed by AIS. This area is mapped as a NFEPA wetland. (Eastern Fynbos-Renosterveld Granite Fynbos_Channelled valley-bottom wetland).	This area (0.89ha) is recommended to be rehabilitated with thicket / riverine/ wetland vegetation. Modify dammed area to allow for drainage. Culvert recommended at crossing.	Negative Medium	Positive low

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Terrestrial biodiversity (including flora and fauna) - Proposed and existing activities - Construction and operations -

Aspect	Impact	Summary	Mitigation	Impact rating and Significance without Mitigation	Impact rating and Significance with mitigation
Construction of proposed dam – 150 000 m3 capacity	Loss of Riparian and Thicket Habitat and SCC	Plants, invertebrates, fish, and other organisms that rely on specific riverine conditions may be adversely affected or displaced	Avoid protected trees Construct during dry season One access road - not the Jeep track between Areas 2 / 3 along the Ruiterbos River. Rehabilitated and stabilise areas as required	Negative Medium High	Negative Medium
Construction and operations - Agricultural activities enclosures	Loss of fynbos / thicket vegetation / disruption to fauna	Agricultural activities recommended on area 4-17 and Area 4-13 (2.58 ha). Area 5-4 is acceptable site for the predator enclosure - may not exceed 10.4 ha previously disturbed footprint. Area 5 1&2 is considered acceptable for the 1ha elephant enclosure.	No further expansion / development without further assessment and approval. Put in place measures in EMPr.	Negative Medium High	Negative Low
Roads and tracks	Habitat Loss and Fragmentation and unnecessary loss of SCC	Creation of unnecessary roads and tracks leading to unnecessary loss of vegetation and habitat loss and fragmentation	Put in place EMPr mitigation measures.	Negative Medium High	Negative Low
Dwellings, facilities and structures	Habitat Loss, SCC Loss and Fragmentation	negative edge effects	Put in place EMPr mitigation measures.	Negative Medium	Negative Low
Game farming and stock farming	Exceeding carrying capacity	The carrying capacity of ptn 420 - ~33 and 55 LSU; the existing LSU is 92 LSU. The carrying capacity of ptn 373 - ~60 and 104 LSU; existing LSU (107) is considered to be at maximum land capacity.	Reassess stocking rates and the browser: grazer ratio relative to carrying capacity Recommended ratio: Browsers: 40–60% Browsers Grazers: 30–50% Mixed Feeders 10–20% AIS, fire management and rehabilitation measures to be implemented	Negative medium high	Negative / Positive low

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Alien Invasive Species (AIS) Management - Construction and operations

Aspect	Impact	Summary	Mitigation	Impact rating and Significance without Mitigation	Impact rating and Significance with mitigation
Construction activities	introduction of AIS on disturbed construction areas	Construction activities can lead to introduction of AIS	Prevent introduction of new AIS. Put in place EMPr AIS mitigation and rehabilitation measures.	Negative Medium	Negative Low
Operations	Increase in AIS / displacement indigenous vegetation	Poor management can lead to disruption to ecosystem services /	Put in place EMPr AIS mitigation and rehabilitation measures.	Negative Medium	Negligible
Operations	beneficial for terrestrial and aquatic ecosystems	correct management can be beneficial	Put in place EMPr AIS mitigation, fire management and rehabilitation measures.	Negative Medium	Positive Medium

Fire Management - Construction and operations

Aspect	Impact	Summary	Mitigation	Impact rating and Significance without Mitigation	Impact rating and Significance with mitigation
Fire regimes and planning	Fire risk and hazard	Fire risk areas	Firebreaks; management of AIS; member of the SCFPA; controlled burns; Fire-proof hedges Recommended burning frequency: 10 – 15 years for area	Negative Medium High	Negative Low
Fire regimes and planning	Fire driven ecosystem	Correct hot fires at correct timing and intervals, combined with ongoing AIS and rehabilitation should result in a long-term positive impact	As above	Negative Medium High	Positive medium

Aquatic ecosystem and biodiversity – existing activities – construction and operations

Aspect	Impact	Summary	Mitigation	Impact rating and Significance without Mitigation	Impact rating and Significance with mitigation
Construction within watercourses – road crossings between area 2	Disturbance of bed and banks caused by construction of road	none of the crossings that were assessed have resulted in any	Entry/exit points at each crossing must be restricted to a	Negative Low	Negligible

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Aspect	Impact	Summary	Mitigation	Impact rating and Significance without Mitigation	Impact rating and Significance with mitigation
and 3	along the Ruiterbos River	impedance of flow and have not resulted in any erosion of the bank.	single track. Road crossings must be routinely inspected. protected in an appropriate manner		
Gabion road structure crossing the Ruiterbos River / existing OGF1 dam	Impendence of flow	created a small instream dam, allowing the landowner to abstract water from the river	The existing dam must be rehabilitated as a condition of approval for the new larger dam (see Rehabilitation Plan).	Negative Medium High	Negligible
Construction within watercourses – existing OGF1 dam	Impact of OGF1 dam on river habitat	converting habitat from a natural lotic (flowing) system to a lentic (stagnant) system. This represents a very small section of habitat relative to the length of the entire river reach	The existing dam must be rehabilitated as a condition of approval for the new larger dam (see Rehabilitation Plan).	Negligible	Negligible
Construction within watercourses – existing OGF1 dam	dumping excavated sediment in the Ruiterbos River	Excavated sediment dumped in the watercourse has smothered aquatic habitat. Future flood flows could potentially be diverted into the opposite bank (causing erosion of the bank)	sediment must be removed from the watercourse (see Rehabilitation Plan).	Negative Low	Negligible
Current agricultural activities at area 4-16 and associated crossing and dam area	Disruption of ecosystem services	Area and falls within drainage line and associated NFEPA valley bottom wetland	A proper hydrological flow path (e.g. culvert or low-water crossing) must be installed at the road crossing.	Negative Medium High	Positive Low

Aquatic ecosystem and biodiversity – proposed activities – construction and operations

Aspect	Impact	Summary	Mitigation	Impact rating and Significance without Mitigation	Impact rating and Significance with mitigation
Construction new instream dam - construction activities	Disturbance and pollution of aquatic habitat	Disturbance, pollution, sediment mobilisation	As per EMP	Negative medium	Negative low
New instream dam	reduced instream flows on instream habitat and aquatic	Disruption of flow conditions	Operational release mechanisms must be	Negative High	Negative medium high

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Aspect	Impact	Summary	Mitigation	Impact rating and Significance without Mitigation	Impact rating and Significance with mitigation
	biota		incorporated into the dam design to accommodate the required EWR. Measures in EMPR to be implemented.		
New instream dam	Inundation of river habitat	The extent of inundation represents a small percentage of the entire length of the river and the spatial extent the impact is therefore very limited	Permanent impact; mitigation not possible	Negative Medium High	Cannot be mitigated
Instream dam	reduced sediment transport on instream habitat	Dams act as a barrier to sediment transport which will likely lead to a reduction in sediment supply and a modification to the quality and diversity of instream habitat downstream of the dam.	Cannot be mitigated.	Negative medium high	Cannot be mitigated
Instream dam	Fragmentation of aquatic habitat caused by construction of OGF2	barrier preventing movement of biota	Cannot be mitigated.	Negative High	Cannot be mitigated.
Instream dam	Impact of dam on downstream users	No additional water users on Ruitersbos. According to the WARMS database, water users downstream of the applicant are registered to abstract a total of 3.54 Mm ³ / annum. The reduction in MAR caused by the storage and increased abstraction from the Ruitersbos River is unlikely to impact downstream users.	Measures in EMPR to be implemented. Authorisation for additional abstraction from the Ruitersbos River must be subject to the surrender of existing borehole abstraction rights from RE/420 and RE/373, thereby avoiding cumulative impacts on the water resource.	Negligible	

Soil and land capability – existing and proposed activities – construction and operations

Aspect	Impact	Summary	Mitigation	Impact rating and Significance without Mitigation	Impact rating and Significance with mitigation
Excavation Activities and roads and	Soil erosion and ability of	Removal of vegetation and	Put in place EMPr. Rehabilitate	Negative medium	Negative Low

**NEMA SECTION 24G APPLICATION
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Aspect	Impact	Summary	Mitigation	Impact rating and Significance without Mitigation	Impact rating and Significance with mitigation
crossings	vegetation to recover	increased erosion risk	as required		
Agricultural activities	Soil potential and land capability	Insufficient groundcover	As per EMPr	Negative medium	Negative / positive Low
Farming operations - fertilizers, pesticides	Soil and groundwater quality and surrounding indigenous vegetation and fauna	Overuse pesticides / fertilizers	As per EMPr	Negative medium	Negative low

Change in Land use – past, current, proposed activities

Aspect	Impact	Summary	Mitigation	Impact rating and Significance without Mitigation	Impact rating and Significance with mitigation
Land use change – past, current, proposed	Change of land use from cattle farming to mixed use including crops, grazing, game farm, enclosures and restaurant.	If the activities are well managed the impact is considered a low positive impact for overall land use on the area.	Put in place EMPr. Consider incorporation of bee farming, sustainable harvesting (5 year plan), olive trees (lower water requirements)	Negative medium	Positive Low
Energy management	Reliance on non-renewable energy sources	All energy requirements are met through off-grid systems, primarily solar power and gas	As per EMPr	Positive low	Positive low

Socio-economic impacts

Aspect	Impact	Summary	Mitigation	Impact rating and Significance without Mitigation	Impact rating and Significance with mitigation
Dwellings	Accommodation	Dwellings allow for accommodation to be provided for the staff.	Rehabilitate areas around dwellings and structures as per EMPr Put in place a fire management plan as per EMPr	Positive low	Positive low
Water requirements	Food production, economic, social	low water supply will negatively impact the operations of the farm until such time that a more reliable source or suitable water is in place.	As per EMPr	Negative Medium high	Positive medium high
Agricultural, restaurant, game	Economic opportunities and	The agricultural operations	Local employment and	Positive Medium	Positive Medium

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Aspect	Impact	Summary	Mitigation	Impact rating and Significance without Mitigation	Impact rating and Significance with mitigation
farm, enclosures and construction of dam	employment creation	provide employment opportunities in both cultivation and harvesting. The restaurant, game farm management, enclosures and related tourism activities further contribute to local job creation.	suppliers; training provided		
Agricultural, restaurant, game farm, enclosures	Environmental awareness	play a significant role in promoting environmental awareness	<ul style="list-style-type: none"> - Consider incorporation of sustainable agricultural products into tourism - Consider incorporation of agricultural produce into restaurant 	Positive medium	Positive medium

Waste management

Aspect	Impact	Summary	Mitigation	Impact rating and Significance without Mitigation	Impact rating and Significance with mitigation
Waste management	localised pollution and disturbance to flora and fauna and overall ecosystem functioning	Careful waste management is required to prevent the introduction and spread of Argentine ants. Correct waste management practices should result in negligible impacts and could result in positive impacts through reuse and recycling of the various waste streams	Put in place waste management measures as per EMPr	Negative medium	Negative / Positive Low



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Appendix G:	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 H:	Specialist Report(s), if any	
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Appendix J:	Supporting documents relating to compliance/enforcement history of the applicant, including but not limited to, Pre-compliance/compliance notices, Pre-directives/directives etc.	
Appendix K:	Certified copy of Identity Document of Applicant	
Appendix L:	Certified copy of the title deed (or title deeds in the case of linear activities)	
Appendix M:	Impact Assessment Report	



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)	<input checked="" type="checkbox"/>	
2.	Application form has been completed and attached, which includes among others:	<input checked="" type="checkbox"/>	
	2.1. A list of all listed activities and/or waste management activities that was triggered when the development activity was commenced with.	<input checked="" type="checkbox"/>	
	2.2. A list of all similarly listed activities in terms of the current EIA regulations (if applicable).	<input checked="" type="checkbox"/>	
	2.3. A description of the receiving environment before commences of the activity(ies).	<input checked="" type="checkbox"/>	
	2.4. A description of the receiving environment after commences of the activity(ies).	<input checked="" type="checkbox"/>	
	2.5. All appendices and annexures:	<input checked="" type="checkbox"/>	
	2.5.1. Locality map	<input checked="" type="checkbox"/>	
	2.5.2. Site plans or/and Layout plan	<input checked="" type="checkbox"/>	
	2.5.3. Building plans (if applicable)	<input checked="" type="checkbox"/>	
	2.5.4. Colour photographs	<input checked="" type="checkbox"/>	
	2.5.5. Biodiversity overlay map	<input checked="" type="checkbox"/>	
	2.5.6. Permit(s) / license(s) from any other organ of state including service letters from the municipality	<input checked="" type="checkbox"/>	
	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	<input checked="" type="checkbox"/>	
	2.5.8. Environmental Management Programme	<input checked="" type="checkbox"/>	
	2.5.9. Certified copy of Identity Document of Applicant	<input checked="" type="checkbox"/>	
	2.5.10. Certified copy of the title deed (or title deeds in the case of linear activities)	<input checked="" type="checkbox"/>	
	2.6. Signed declaration forms.	<input checked="" type="checkbox"/>	
3.	Are any specialist assessments required: e.g. Botanical, Hydro-geological, soil, socio-economic?	<input checked="" type="checkbox"/>	
	3.1. If yes, has the specialist assessment report been attached to the application?	<input checked="" type="checkbox"/>	
4.	An assessment of the impacts of the activity or activities in terms of the following categories:	<input checked="" type="checkbox"/>	
	• Socio-economic	<input checked="" type="checkbox"/>	
	• Biodiversity	<input checked="" type="checkbox"/>	
	• Sense of place &/or Heritage/ Cultural	<input checked="" type="checkbox"/>	
	• Any pollution or environmental degradation which has been, is being, is being or may be caused	<input checked="" type="checkbox"/>	
5.	A methodology of how the investigation into the impacts associated with the unlawful activity was undertaken.	<input checked="" type="checkbox"/>	

**NEMA SECTION 24G APPLICATION
COMPLETENESS CHECKLIST**

6.	Completed and attached representations of Annexure A, Section A (Directives) in terms of the S24G Fine Regulations: 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.	✓
8.	Completed and attached representations in terms of Annexure A, Section C, Part 1 (Fine Quantum based on the assessment as specified above (4).	✓
	Confirmation that Annexure A, Section C, Part 1 has been completed by an environmental assessment practitioner (EAP)	✓
9.	Compliance history of the applicant:	✓
	9.1. Completed Annexure A, Section C, Part 2 and 3; namely:	✓
	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).	✓
	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;	✓
	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	✓
	9.1.4. Whether the applicant is a firm or a natural person. (see Section 24G Fine Regulations for definition of "firm")	✓
	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;	✓
	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.	✓
10.	Consultation with relevant State departments in terms of section 24O(2) & 24O(3) of the NEMA.	✓
	10.1 Proof of Consultation with relevant State departments, including, <i>inter alia</i> , notices, adverts etc.	✓
	10.2 Copies of comments and responses included in the application.	✓
	10.2 Comments and Response report attached to the application.	✓
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)	✓



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")**

April 2018

Form Number S24GAF/04/2018

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 Environmental Assessment Practitioner ("EAP").
3. This Application Form is current as of 01 April 2018. 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 01 April 2018.

4. The contents of this Application Form includes 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 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.
6. Two hard copies (including the original) and one electronic copy (CD/DVD/Flash drive) of this application form must 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. No faxed or e-mailed application forms will be accepted.**
10. 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.
11. 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(1)(i-viii) of the NEMA.
- e) 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.
- f) 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.
- g) 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.
- h) **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.

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.

DEPARTMENTAL DETAILS

Department of Environmental Affairs
and Development Planning,
Directorate: Environmental Governance
Attention: Sub-directorate: Rectification
Private Bag X9086
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	
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**

Activities carried out on Farm Portions 420 and 373, Outeniqua Game Farm

RELEVANT REGION IN WHICH THE ACTIVITY COMMENCED

Cross out the appropriate box "X" 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
		✓

SECTION A: BACKGROUND INFORMATION**1. APPLICANT PROFILE INDEX**

Cross out the appropriate box "X".

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)					✓
1.2.1	If a firm, please tick the relevant box below:					
	Body Corporate	Partnership	Trust	Parastatal	Organ of State	
	Directors of a	Members of a	Other, please	Outeniqua Game Farm cc		

	Company	Board	specify	
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Applicant's details (duplicate this section where there is more than one applicant)			
Applicant Name:		Patric Moore	
RSA Identity Number/ Passport Number of Applicant, if natural person:		6501315057084	
Name of Firm (if applicable):		Outeniqua Game Farm cc	
Firm Registration Number:		2000/017253/23	
Contact Person at the Firm:		Jurg Olsen / Kerryn smith	
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)	
<ul style="list-style-type: none"> • Directors of a company; or • Members of the board; or • Executive committee or other managing body of a corporate body or parastatal; or • Members of close corporation; or • Partners of a partnership; or • Trustees of a trust 		Name: Lyndall Reeves Moore RSA ID No. 8007100025086 Name: Clint Smith RSA ID No. 7406025117082 Name: Kerryn Smith RSA ID No. 7508200059082 Name: RSA ID No. Name: RSA ID No. Name: RSA ID No.	
Postal address:		PO Box 59	
		Postal code:	6499
Telephone:		Cell:	0795206081
E-mail:		Fax:	()
Project Consultant		Eco Route	
Contact person:		Janet Eberson	
Postal address:		P.O. Box 1252	
		Postal code:	6573
Telephone:		Cell:	+27(0) 846074743 / +27(0) 825577122
E-mail:		Fax:	claire@ecoroute.co.za / janet@ecoroute.co.za ()
Name of the Environmental Assessment Practitioner ("EAP") responsible for the application:		Claire De Jongh	
Company name (if any):		Independent; Sub consultant – Eco Route	
Postal address:		P.O. Box 1252	

	Sedgefield	Postal code:	6573
Telephone:	+27(0) 846074743	Cell:	+27(0) 846074743
E-mail:	claire@ecoroute.co.za /	Fax:	()
EAP Qualifications	BSc Environmental Management: Zoology Stream BSC Hons Environmental Monitoring and modelling		
EAP Registrations/Associations	EAPSA 2021/3519		
Name of the Landowner:	Outeniqua Game Farm cc		
Name of the contact person for the land owner (if other):	Jurg Olsen / Kerryn Smith		
Postal address:	PO Box 59		
	Ruiterbos	Postal code:	6499
Telephone:	0768022581	Cell:	0768022581
E-mail:	Ogfcc1@gmail.com	Fax:	()
Person in control of land:	Outeniqua Game Farm cc		
Contact person:	Jurg Olsen / Kerryn Smith		
Postal address:	PO Box 59		
	Ruiterbos	Postal code:	6499
Telephone:	0768022581	Cell:	0768022581
E-mail:	Ogfcc1@gmail.com	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:	Mossel Bay Municipality		
Contact person, if known:	Carel Venter Director Planning & Economic Development		
Postal address:	Private Bag X29,		
	Mossel Bay,	Postal code:	6500
Telephone	044 606 5000	Cell:	
E-mail:	cventer@mosselbay.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):	Outeniqua Game Farm, west of the R328 in Mossel Bay Municipality
Farm/Erf name(s) & number(s) including portion(s)	Outeniqua Game Farm Portions 420 and 373

Property size(s) (m²)	489 ha (Ptn 420) 789 ha (Ptn 373)																									
Development footprint size(s) (m²)	Portion 420 Area 1 – five dwellings Each dwelling is approximately 1200m2 Road: 750 meters; 4 meters width Approximately 8000m2 Developed between 2020 – 2022 Area 2 – dwellings, structures, water storage, roads, tracks Dwelling: 900m2 Dwelling: 1750m2 Structure: 1300m2 Road: 5100m2 Approximately: 9000m2 Developed between 2017 to 2024 Roads between Area 2 and 3 Road 1: 1500m (alien clearing along Ruiterbos) Road 2: 1200m (between 2 and 3) Road 3: 2300m (along non -perennial drainage line – alien clearing) Tracks: 900m (from Area 5-2) Estimated 5900m / 10000m2 Developed between 2017 to 2024 Area 3 – dam (existing and proposed), solar Solar panel – 500m2 Current dam expanded by approximately 300m2 / storage capacity 4000m4 A new dam is proposed with a storage capacity of 150 000 cubic meters; the dam wall is planned to be 12-meters in height. Area 4: Agricultural area and supporting activities – ptn 373 Past use areas (prior to 2005): 95,77ha Past use agricultural areas currently in use: 43,31 ha Past undisturbed area currently in use: 1 ha (Site 4-16) An additional 380ha vegetation was initially proposed to be cleared for 200 ha maize, 150 ha lucerne and 30 ha avocado. However, following the outcome of the soil studies, vegetation assessment and hydrology report, the applicant to develop of further 20 ha for crop purposes that will be available for rotation. Area 4-17 is deemed the most suitable area for expansion.																									
	<table><tr><th>Area</th><th>Size estimate</th><th>Past land use</th><th>Current Land use</th><th>Recommendation</th></tr><tr><td>1</td><td>4,98ha</td><td>0.71 ha used in past</td><td>Roads and tracks</td><td>Not recommended Future use – not feasible</td></tr><tr><td>2</td><td>1.55 ha</td><td>Used in past</td><td>Dryland</td><td>Only dryland grazing</td></tr><tr><td>3</td><td>2.01 ha</td><td>Used in past</td><td>In use</td><td>Preferably not be used; if used, only dryland grazing</td></tr><tr><td>4</td><td>2.87ha</td><td>Used in past</td><td>Dryland</td><td>Only dryland grazing</td></tr></table>	Area	Size estimate	Past land use	Current Land use	Recommendation	1	4,98ha	0.71 ha used in past	Roads and tracks	Not recommended Future use – not feasible	2	1.55 ha	Used in past	Dryland	Only dryland grazing	3	2.01 ha	Used in past	In use	Preferably not be used; if used, only dryland grazing	4	2.87ha	Used in past	Dryland	Only dryland grazing
	Area	Size estimate	Past land use	Current Land use	Recommendation																					
	1	4,98ha	0.71 ha used in past	Roads and tracks	Not recommended Future use – not feasible																					
	2	1.55 ha	Used in past	Dryland	Only dryland grazing																					
3	2.01 ha	Used in past	In use	Preferably not be used; if used, only dryland grazing																						
4	2.87ha	Used in past	Dryland	Only dryland grazing																						

5	0.5 ha	Used in past	Not in use	Retain as fynbos;
6	6.79 ha	Used in past	Not in use	Retain as fynbos;
7	0.34 ha	Used in past	Not in use	Retain as fynbos Future use – not feasible
8	3.38 ha	Used in past	Dryland	Only dryland
9	3.56 ha	Used in past	In use	No further expansion this area.
10	2.5ha	Used in past	In use	Manage agricultural area
11	2.48 ha	Used in past	Not in use - invaded	Dryland grazing
12	3.14 ha	Used in past	Not in use - invaded	Not suitable – low potential soils.
13	2.85ha / 9.2 ha	Not used in past	Not in use – small water hole	2.85 ha – feasible Remaining area 13 – not feasible (9.2 ha)
14	35.27 ha	Used in past	In use	Maintain as irrigated agricultural area; use past use area for additional irrigated area and required dwellings, storage.
15	0.33ha	Not used in past	Not in use	Future use – not suitable
16	0.89ha	Not used	In use Dam 2500m2	Developed between 2016 - 2022
17	30.73 ha	Past use	Some sections in use	30 ha Recommended for irrigated mixed cropped farming. Manage as per agricultural measures.

Area 5: Agricultural area, game farm, tourism, enclosures and supporting activities on ptn 420

Past use areas (prior to 2005): 97,05ha

Past use agricultural areas currently in use: 17.2 ha

Past disturbed area currently in use: 7200m2 restaurant adjacent to old quarry

Additional structures, roads, reservoirs in use: 1ha – developed on previously disturbed areas

Proposed – predator enclosure: 10 ha (maximum) within previously disturbed area

Proposed – elephant night enclosure: 1 ha within previously disturbed area

Area	Past land use	Current Land use	Recommendation
1 and 2	Total – 34 ha Agricultural use (30 ha) Quarry (2 ha) Cleared area with 5 structures (2 ha)	In use – 13.5 ha 9.5 ha agricultural (on previous disturbed area) Restaurant facilities adjacent to quarry (clearing of estimated 7200m2) (2ha including old quarry)	Maintain infrastructure as required; Small scale agricultural activities permitted. Manage as per agricultural management measures. Area proposed for elephant holding camp is included in this area. Holding camp for 3x elephants to be 1 ha.

		Additional 5xsmall structures; 2x tunnels; on previously cleared area (2ha) (2016-2022) 1 ha elephant enclosure proposed	
3	6.5 ha – agricultural use	In use – dryland; 1x structure	Dryland – maintain for game farm animals
4	10.7 ha – agricultural use	Predator enclosure proposed for this area. Plan shows 17.6 ha and requires clearing of vegetation not mapped as past use. Retain footprint of enclosure to past use area (i.e. 10.7ha)	Predator enclosure
5 and 6	5.9 ha – agricultural use Corresponds to Area 2	In use 9000m2 structures and roads	Rehabilitate roads in areas as required. Increase biodiversity in this area through active re-vegetation.
7	28.45 ha (agricultural)	In use Structures x 4, reservoir, 2xtunnels – developed 2017 (1.2ha)	Maintain dwellings, don't use and rehabilitate unnecessary roads.
8	11.5 ha (agricultural)	Not in use Some tracks	Not recommended – rehabilitate unnecessary roads.

Elephant enclosure on Area 5-1&2

The enclosure will comprise of:

- Release camp and Night Stable:
 - 3.0m Steel poles, planted 600mm deep, filled with concrete
 - 5 x Steel cable 16mm attached to steel poles
 - 4 x Electric lines
 - 2,4m High Inner Perimeter Fence (Bonnox), erected 1,5m from Steel cable fence, 5 x Electric lines
- Loading Ramp
- Water supply
- Mud wallow
- Night Stable 20m x 15m x 6m where the elephants will be accommodated at night.
- An Isolation Crush 8m x 1.5 x 4m
- Constructed with steel poles, sliding gates.
- A managed free roaming area on ptn 420
- Farm Perimeter Fence Specifications: Bonnox: 2.4m high; 4x Electric Strands

The facility will accommodate a maximum of four (4) African elephants.

Predator enclosure on Area 5-4:

	<p>A tourism facility is proposed for cheetah and lion-controlled walks.</p> <p>Phase 1 – Predator1 SCC; Phase 2- Predator 2 SCC</p> <p>facility consists of the following:</p> <ul style="list-style-type: none"> • Four (4) Animal Camps of 1 Ha each with outer perimeter consisting of a 2,4m fence. • Four (4) Management and night shelters (3m x 6m) of are18m2 per unit (72m2). • Facility outer perimeter fence. • Walking camp fence. • Waterproof shelters, water features for drinking and cooling down, and climbing infrastructure.
SG21 Digit code(s)	<p>C05100000000037300000</p> <p>C05100000000042000000</p>

The co-ordinates for the site boundary are:



Figure 2: Areas (1 – 5) assessed on ptns 373 (west) and 420 (east), Outeniqua Game Farm

Coordinates of Property boundary: Portion 420

Point	Latitude (S)	Longitude (E)
1	33°57'52.20"S	22° 1'30.81"E
2	33°58'38.26"S	22° 1'29.71"E
3	33°59'28.00"S	22° 2'27.85"E
4	34° 0'47.23"S	22° 2'41.96"E
5	33°59'51.33"S	22° 3'9.72"E
6	34° 0'3.30"S	22° 3'24.53"E
7	33°58'43.48"S	22° 2'24.51"E

Coordinates of Property boundary: Portion 373

Point	Latitude (S)	Longitude (E)
1	33°58'38.26"S	22° 1'29.71"E
2	33°59'40.90"S	22° 0'31.56"E
3	34° 0'34.33"S	22° 1'7.85"E
4	34° 0'47.23"S	22° 2'41.96"E
5	33°59'28.00"S	22° 2'27.85"E

Coordinates of Area 1 - Farm RE/420 –5 dwellings and road area

Point	Latitude (S)	Longitude (E)
1	33°58'51.84"S	22° 2'19.75"E
2	33°59'13.24"S	22° 2'18.57"E
3	33°59'13.66"S	22° 2'20.09"E
4	33°58'57.28"S	22° 2'21.77"E



Figure 3: Area 1 (5 dwellings)

Coordinates of Area 2 - Farm RE/420 – roads, dwellings, structures, water storage

Point	Latitude (S)	Longitude (E)
1	33°58'49.62"S	22° 1'59.52"E
2	33°58'56.42"S	22° 1'48.02"E
3	33°59'10.25"S	22° 2'5.55"E
4	33°58'57.69"S	22° 1'58.97"E



Figure 4: Area 2 (dwellings, structures, road, water storage)

Roads between Areas 2 and 3

Road	Start		End	
	Latitude (S)	Longitude (E)	Latitude (S)	Longitude (E)
1	33°59'18.16"S	22° 1'39.13"E	34° 0'0.63"S	22° 2'33.04"
2	33°59'28.01"S	22° 2'2.97"E	33°59'56.14"S	22° 2'33.23"E
3	33°59'20.38"S	22° 2'8.27"E	33°59'56.14"S	22° 2'33.23"E

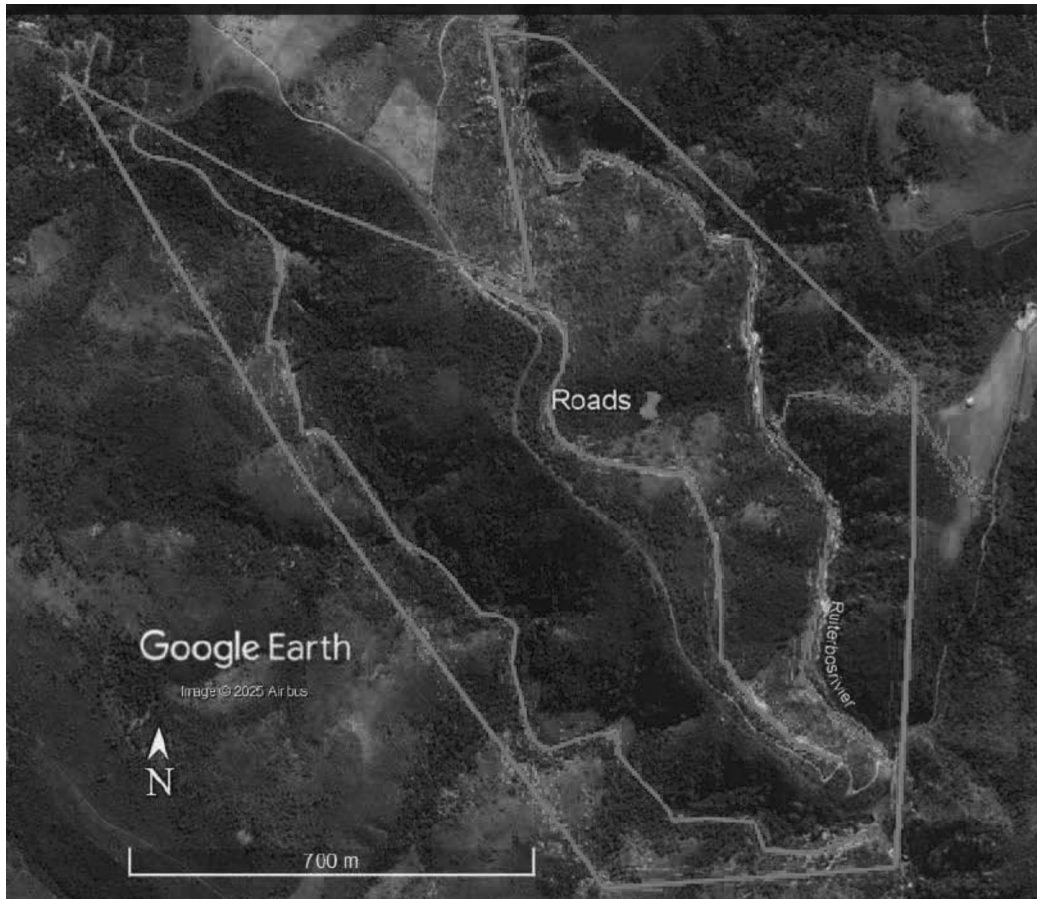


Figure 5: Roads between area 2 and 3

Area 3: Existing dam, proposed dam, road crossing, solar

Existing dam / road crossing

Point	Latitude (S)	Longitude (E)
1	33°59'54.70"S	22° 2'32.81"E

Proposed Dam

Point	Latitude (S)	Longitude (E)
1	34° 0'1.45"S	22° 2'34.10"E

Solar

Point	Latitude (S)	Longitude (E)
1	33°59'54.88"S	22° 2'35.39"E



Area 4: Agricultural area and supporting activities – ptn 373

Area	Size estimate	Latitude (S)	Longitude (E)	Land use	Recommendation
1	4,98ha	34° 0'19.72"S	22° 2'13.73"E	In use / Past use / Future use – not feasible	Not recommended
2	1.55 ha	34° 0'5.66"S	22° 1'52.82"E	Past use	Only dryland grazing
3	2.01 ha	34° 0'10.49"S	22° 1'33.86"E	In use	Preferably not be used; if used, only dryland grazing
4	2.87ha	34° 0'15.31"S	22° 1'23.79"E	Past use	Only dryland grazing
5	0.5 ha	34° 0'19.26"S	22° 1'22.58"E	Future use – not feasible Intact fynbos	Retain as fynbos; removal of dense wattles as per AIS management plan
6	6.79 ha	34° 0'6.68"S	22° 1'30.46"E	Past use Future use – not feasible	Retain as fynbos; removal of dense wattles as per AIS management plan
7	0.34 ha	34° 0'4.91"S	22° 1'21.93"E	Future use – not feasible	Retain as fynbos; removal alien trees as per AIS management plan
8	3.38 ha	33°59'55.65"S	22° 1'26.30"E	Past use	Only dryland; removal alien trees in field and adjacent

					area as per AIS management plan
9	3.56 ha	33°59'46.51"S	22° 1'29.08"E	In use	No further expansion this area. Manage agricultural area as per mitigation measures.
10	2.5ha	33°59'39.25"S	22° 1'28.68"E	In use	Manage agricultural area as per mitigation measures.
11	2.48 ha	33°59'39.40"S	22° 1'34.92"E	Past use - invaded	Dryland grazing Manage as per AIS management plan
12	3.14 ha	33°59'47.99"S	22° 1'41.20"E	Past use - invaded	Not suitable – low potential soils. Manage as per AIS management plan
13	2.85ha / 9.2 ha	33°59'52.27"S	22° 1'36.77"E	Future - likely feasible (2.85 indicated in purple) Remaining area 13 – not feasible (9.2 ha)	Low ecological importance however soil potential is indicated as low for the corresponding area.
14	35.27 ha	33°59'19.59"S	22° 1'6.70"E	In use Past use	Maintain as irrigated agricultural area; use past use area for additional irrigated area and required dwellings, storage.
15	0.33ha	33°59'32.60"S	22° 1'5.87"E	Future use – not suitable	Retain as fynbos No agricultural expansion permitted.
16	0.89ha	33°59'7.31"S	22° 1'17.79"E	In use	Area surrounding dam should be mulched and planted.
17	30.73 ha	33°58'57.74"S	22° 1'32.69"E	Past use	Recommended for irrigated mixed cropped farming. Manage as per agricultural measures.



Figure 6: Area 4: Agricultural areas (past, current and not feasible) – ptn 373

Area 5: Agricultural area, game farm, tourism, enclosures and supporting activities – ptn 420

Area	Size estimate	Latitude (S)	Longitude (E)	Land use	Recommendation
1 and 2	30 ha	33°59'41.55"S	22° 3'2.58"E	In use / past use	Maintain infrastructure as required; Small scale agricultural activities permitted. Manage as per agricultural management measures. 1 ha night camp area proposed for elephant is included in this area.
Elephant enclosure	1 ha	33°59'44.10"S	22° 2'56.06"E	Proposed	
3	6.5 ha	33°59'32.19"S	22° 2'44.04"E	Past use / in use	Dryland – maintain for game farm animals
4 Predator enclosure	10.7 ha	33°59'22.68"S	22° 2'39.17"E	Past use / Proposed	Only dryland; predator enclosure proposed for this area. Plan shows 17.6 ha and

					requires clearing of vegetation not mapped as past use. Retain footprint of enclosure to past use area (i.e. 10.7ha) Manage as per cheetah and lion enclosure management plan.
5 and 6	5.9 ha – corresponds to Area 2	33°58'49.62"S	22° 1'59.52"E	Past use / in use	Rehabilitate roads in areas as required. Increase biodiversity in this area through active re-vegetation. Prioritise for AIS removal. Dryland management only. Manage as per terrestrial biodiversity, AIS and fire management measures provided.
7	28.45 ha (14.6 ha + 12.7 ha) + (1.15ha)	33°58'29.68"S	22° 2'1.32"E	Past use / In use	Maintain dwellings, don't use and rehabilitate unnecessary roads. Manage as per AIS management plan and terrestrial biodiversity management measures.
8	11.5 ha	33°57'59.63"S	22° 1'34.46"E	Past use	Not recommended – rehabilitate unnecessary roads.

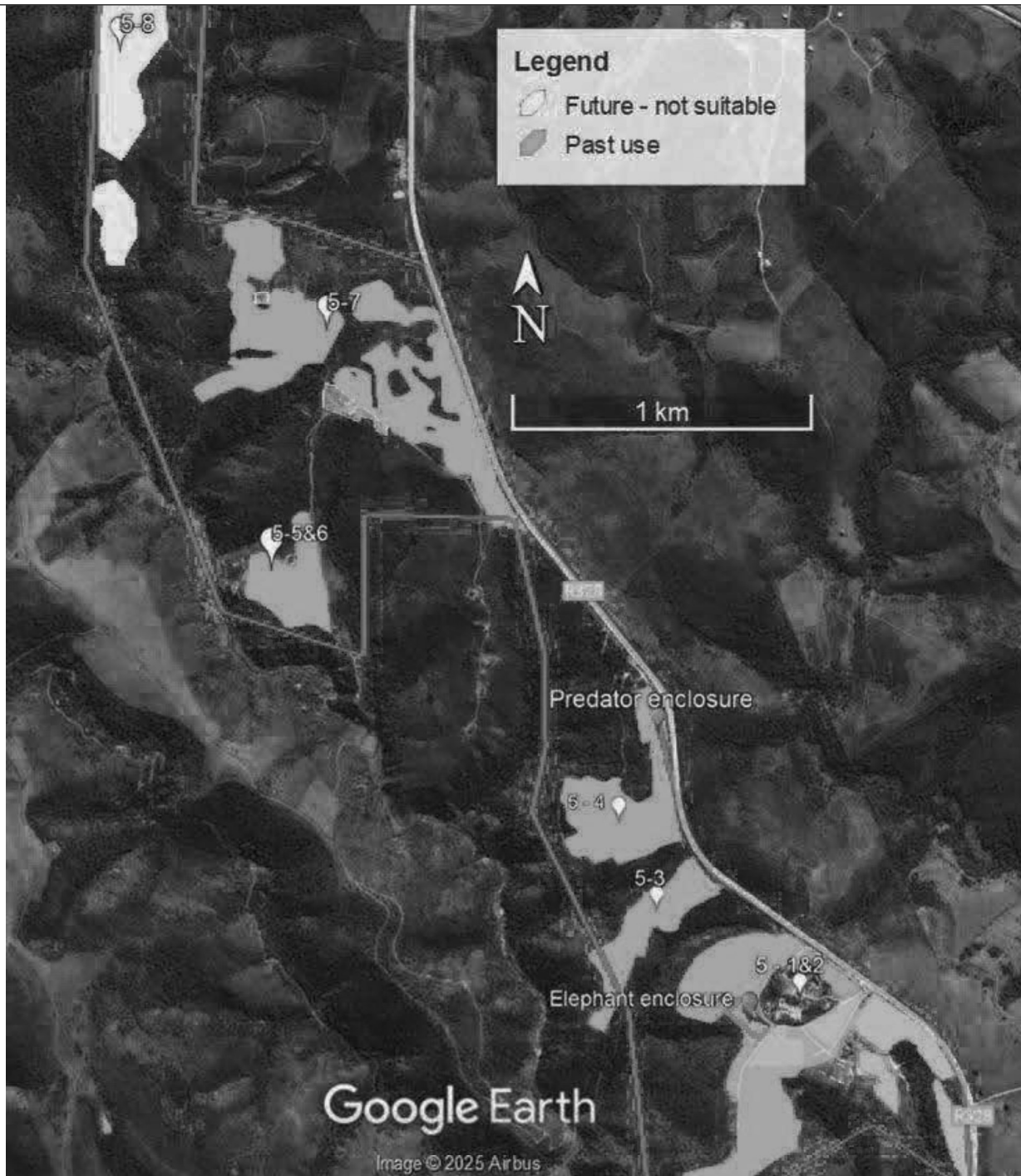


Figure 7: Area 5: Agricultural areas (past, current) and current and proposed tourism facilities and enclosures – ptn 373



Figure 8: Layout of predator enclosure - area to remain on previously disturbed agricultural footprint (maximum 10 ha)



Figure 9: Proposed night-time elephant enclosure (1 ha) in previously disturbed agricultural area

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:	Outeniqua Game Garm, R328		
Magisterial District or Town:	Mossel Bay		
Closest City/Town:	Hartenbos / Mossel Bay	Distance	18 (km)
Zoning of Property:	Agricultural Zoning 1		

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
If yes, what was the previous zoning?		
NA – Zoned Agriculture		
Is a rezoning application required?	YES	NO
Is a consent use application required?	YES	NO
Locality map:	<p>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:</p> <ul style="list-style-type: none"> • an accurate indication of the project site position as well as the positions of the alternative sites, if any; • road names or numbers of all the major roads as well as the roads that provide access to the site(s) • a north arrow; • a legend; • 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:	<p>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.</p> <p>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>.</p>	

2. APPLICATION HISTORY

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

Has any national, provincial or local authority considered any development applications on the property previously?	Yes	No
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)		
<p>A general authorisation has been issued by DWS for the following:</p> <p>Portion 373 (4/5/K10D/Outeniqua)</p> <p>Section 21 a – taking ground water from a borehole for irrigation (117 819m3/annum)</p>		

Section 21 a - taking surface water from river / stream for irrigation (80 000m3.annum)

Section 21b – storage of water (40 000m3)

Portion 420 (4/5/6/K10D/Outeniqua)

Section 21 a – taking ground water from a borehole for irrigation (73 425m3/annum)

Section 21 a - taking surface water from river / stream for irrigation (80 000m3.annum)

Section 21b – storage of water (40 000m3)

Outeniqua Game Farm(RE/420) has been approved and managed as a game farm with a Certificate of Adequate Enclosure issued by Cape Nature Conservation. Approved for the breeding, selling of wildlife species as per approved Outeniqua Game Farm Management Plan and Addendums.

Construction of a resort was approved in September 2008 (EG12/2/1-74) and included ptn 373. The following activities in terms of Schedule 1 of GN No. R1182 of 5 September 1997 were approved:

1m - construction of public / private resorts and infrastructure

2c – change of land use from agricultural or zoned undetermined use or an equivalent zoning to any other land use

Overview of development authorised included:

Consolidation of ptn 350 (426 ha), ptn 373 (785 ha), Ptn 3 of Farm Palmiet Rivier (62ha)

Construction of 30 holiday chalets with footprint of 120m2 each, reception area and restaurant and associated services (Delplan, March 2004)

Units will be located on agricultural lands.

Remainder of 1274ha will be rezoned to Open space III and be managed as a nature Reserve.

Activity did not seem to commence. Farm portions did not seem to be consolidated as proposed.

Which authority considered the application:

Department of Water and Sanitation: Breede-Gouritz Catchment Management Agency

Cape Nature Conservation

Western Cape Department of economic Development and environmental planning

Has any 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

A general authorisation has been issued by DWS for the following:

Portion 373 (4/5/K10D/Outeniqua)

Section 21 a – taking ground water from a borehole for irrigation (117 819m3/annum)

Section 21 a - taking surface water from river / stream for irrigation (80 000m3.annum)

Section 21b – storage of water (40 000m3)

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Construction of 30 holiday chalets with footprint of 120m2 each, reception area and restaurant and

associated services (Delplan, March 2004)

Units will be located on agricultural lands.

Remainder of 1274ha will be rezoned to Open space III and be managed as a nature Reserve.

Activity did not commence. Farm portions not consolidated as proposed.

As per SDP, 2020 (provided in Appendix B) – ptn 420 is 489 ha and ptn 373 is 789 ha

Provide detail on the period of validity of decision and expiry dates of the above applications/ permits etc.

GA is currently valid

Certificate of Adequate Enclosure is currently valid

Refer to Appendix B5 – SDP, 2020

Refer to Appendix F – Licenses and permits

Refer to Appendix J – documents reviewed

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): _____

Signature: _____

Place: _____

Date: _____

EAP (Full names): _____

Signature: _____

Place: _____

Date: _____

TO BE COMPLETED UPON SUBMISSION OF FINAL

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. 327 Activity No(s): (Listing	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

Notice 1 of 2014)			
12	<p>The development of— (i) dams or weirs, where the dam or weir, including infrastructure and water surface area, exceeds 100 square metres; or (ii) infrastructure or structures with a physical footprint of 100 square metres or more; where such development occurs—</p> <p>(a) within a watercourse; (c) if no development setback exists, within 32 metres of a watercourse, measured from the edge of a watercourse; — 6 excluding— (cc) activities listed in activity 14 in Listing Notice 2 of 2014 or activity 14 in Listing Notice 3 of 2014, in which case that activity applies;</p>	Activity 14, LN3	
13	<p>The development of facilities or infrastructure for the off-stream storage of water, including dams and reservoirs, with a combined capacity of 50 000 cubic metres or more, unless such storage falls within the ambit of activity 16 in Listing Notice 2 of 2014</p>	<p>Two road crossings have created dams within the watercourses. The water holding capacity of these is estimated to be 2000 m3 and 4000m3. Reservoirs are in place; GA is in place for 40 000m3 storage on each farm portion. A new dam is proposed which will have a maximum storage capacity of 150 000 cubic meters; the dam wall is planned to be a maximum of 12-meters in height.</p>	<p>2016 - 2020 Proposed: Upon NEMA and NWA approval</p>
19	<p>The infilling or depositing of any material of more than 10 cubic metres into, or the dredging, excavation, removal or moving of soil, sand, shells, shell grit, pebbles or rock of more than 10 cubic metres from a watercourse;</p>	Confirmed; road crossings and dams	2022
27	<p>The clearance of an area of 1 hectares or more, but less than 20 hectares of indigenous vegetation, except where such clearance of indigenous vegetation is required for— (i) the undertaking of a linear activity; or (ii) maintenance purposes undertaken in accordance with a maintenance management plan.</p>	<p>Clearance of indigenous vegetation (not disturbed in previous 10 years) has taken place between 2016 – 2024 for development of structures, dam and roads; Area 1 – 8000m2 – 5 dwellings Area 2 – 9000m2 – dwellings, reservoir Roads – 10000m2 Area 3 – 800m2 - (existing dam) Area 4 – 10000m2 (existing dam and agricultural) Total - 3.7ha</p> <p>Current agricultural activities in place developed on past used agricultural areas (disturbed within previous 10 years) Ptn 420 – 17.2 ha (irrigated) Ptn 373 – 56.31 ha (irrigated) Existing dryland – 12 ha (pastures) Total – 85 ha</p> <p>Current on disturbed Area 5 – 7200m2 - restaurant</p> <p>Proposed: Additional agricultural: 20 ha – Area 4-17 ptn 373 Elephant enclosure (1ha) - Area 5-1&2 Predator enclosure (10ha) - Area 5-4 Proposed 150 000m3 dam (2ha) - Area 3 Total – 33 ha</p> <p>Total footprint: 122.5 ha</p>	<p>Area 1 – 2020 Area 2 – 2017 Roads – 2018 - 2024 Area 3 – 2016 Area 4 – 2017 Area 5 - 2017</p>

		Ln 2; Activity 27 included to authorise all footprints.	
28	Residential, mixed, retail, commercial, industrial or institutional developments where such land was used for agriculture, game farming, equestrian purposes or afforestation on or after 01 April 1998 and where such development: (i) will occur inside an urban area, where the total land to be developed is bigger than 5 hectares; or (ii) will occur outside an urban area, where the total land to be developed is bigger than 1 hectare; excluding where such land has already been developed for residential, mixed, retail, commercial, industrial or institutional purposes.	14/1/1/E3/9/10/3/L1019/19 Occurs outside urban area Zoned as Agriculture 1 Properties were used for cattle farming between 1976 to current. Farmhouse was in place on ptn 420; roads were in place. Crops are currently in place (60 ha) on ptns 373 and 420 Game farm is in place on ptn 420. A restaurant is in place; however, footprint of area is 7200m2. Five new dwellings have been developed on ptn 420, supporting structures and reservoirs are in place in agricultural area. Land currently used mostly for agriculture and game farming with dwellings provided for operational staff. The development on the property is not considered to be residential, mixed, retail, commercial, industrial or institutional.	
48	The expansion of— i) infrastructure or structures where the physical footprint is expanded by 100 square metres or more; or (ii) dams or weirs, where the dam or weir, including infrastructure and water surface area, is expanded by 100 square metres or more; where such expansion occurs— (a) within a watercourse; (b) in front of a development setback; or (c) if no development setback exists, within 32 metres of a watercourse, measured from the edge of a watercourse; excluding— (cc) activities listed in activity 14 in Listing Notice 2 of 2014 or activity 14 in Listing Notice 3 of 2014, in which case that activity applies; (ee) where such expansion occurs within existing roads, road reserves or railway line reserves.	Dam expanded by approximately 300m2 (2023); Ln 3 - Activity 14	
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.	State the date of commencement of each activity
15	The clearance of an area of 20 hectares or more of indigenous vegetation, excluding where such clearance of indigenous vegetation is required for— (i) the undertaking of a linear activity; or	Clearance of indigenous vegetation (not disturbed in previous 10 years) has taken place between 2016 – 2024 for development of structures, dam and roads; Area 1 – 8000m2 – 5 dwellings Area 2 – 9000m2 – dwellings, reservoir Roads – 10000m2 Area 3 – 800m2 - (existing dam) Area 4 – 10000m2 (existing dam and agricultural) Total - 3.7ha Current agricultural activities in place developed on past used agricultural areas (disturbed within previous 10 years) Ptn 420 – 17.2 ha (irrigated) Ptn 373 – 56.31 ha (irrigated)	Area 1 – 2020 Area 2 – 2017 Roads – 2018 - 2024 Area 3 – 2016 Area 4 – 2017 Area 5 - 2017

		<p>Existing dryland – 12 ha (pastures) Total – 85 ha</p> <p>Current on disturbed Area 5 – 7200m² - restaurant</p> <p>Proposed: Additional agricultural: 20 ha – Area 4-17 ptn 373 Elephant enclosure (1ha) - Area 5-1&2 Predator enclosure (10ha) - Area 5-4 Proposed 150 000m³ dam (2ha) - Area 3 Total – 33 ha</p> <p>Total footprint: 122.5 ha</p> <p>Ln 2; Activity 27 included to authorise all footprints LN1 activity 27 and LN 3 activity 12 included in application</p>	
16	The development of a dam where the highest part of the dam wall, as measured from the outside toe of the wall to the highest part of the wall, is 5 metres or higher or where the highwater mark of the dam covers an area of 10 hectares or more.	New dam is proposed which will have a maximum storage capacity of 150 000 cubic meters; the concept drawing indicates the dam wall will be 12 meters in height including a 2-meter freeboard. The estimated area is 2ha but will be confirmed in detailed design phase.	Upon NEMA and DWs approval
27	The development of a road— Excluding a road (b) which is 1 kilometre or shorter; or	Additional roads and tracks developed between 2016 and 2024; Four roads identified which exceed 1km in length; distances are 1km, 1.2km, 1.4km and 2.3km.	Roads – 2016 - 2024
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.	State the date of commencement of each activity
2	The development of reservoirs, excluding dams, with a capacity of more than 250 cubic metres. i. Western Cape ii. In areas containing indigenous vegetation; or	Reservoirs in place Storage of water (40 000m ³) authorised on ptn 373 Storage of water (40 000m ³) authorised on ptn 420	Existing / 2017
4	The development of a road wider than 4 metres with a reserve less than 13,5 metres. i. Western Cape ii. Areas outside urban areas; (aa) Areas containing indigenous vegetation;	Small sections of road on very steep terrain exceed 4 meter width	2017
6	The development of resorts, lodges, hotels, tourism or hospitality facilities that sleeps 15 people or more. i. Western Cape ii. Outside urban areas; (aa) Critical biodiversity areas as identified in systematic biodiversity plans adopted by the competent authority or in bioregional plans; or (bb) Within 5km from national parks, world heritage sites, areas identified in terms of NEMPAA or from the core area of a biosphere reserve; - excluding the conversion of existing buildings where the development footprint will not be increased.	Not applicable ; Not assessed	Upon NEMA and associated NWA approval
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	Vegetation on the study area is Swellendam Silcrete Fynbos (endangered) and Garden Route Granite Fynbos (critically Endangered) Clearance of indigenous vegetation (not disturbed in previous 10 years) has taken place between 2016 –	Area 1 – 2020 Area 2 – 2017 Roads – 2018 - 2024 Area 3 – 2016 Area 4 – 2017

	<p>accordance with a maintenance management plan.</p> <p>i. Western Cape</p> <p>i. Within any critically endangered or endangered ecosystem listed in terms of section 52 of the NEMBA or prior to the publication of such a list, within an area that has been identified as critically endangered in the National Spatial Biodiversity Assessment 2004;</p> <p>ii. Within critical biodiversity areas identified in bioregional plans;</p>	<p>2024 for development of structures, dam and roads;</p> <p>Area 1 – 8000m²</p> <p>Area 2 – 9000m²</p> <p>Roads – 10000m²</p> <p>Area 3 – 800m² and proposed 150 000m³ dam (existing dam)</p> <p>Area 4 – 10000m² (existing dam and agricultural)</p> <p>Total – 37 800 m² / 3.7ha</p> <p>LN1 activity 27 and LN 2 activity 15 included in application</p>	Area 5 - 2017
14	<p>The development of—</p> <p>(i) dams or weirs, where the dam or weir, including infrastructure and water surface area exceeds 10 square metres; or</p> <p>(ii) infrastructure or structures with a Physical footprint of 10 square metres or more;</p> <p>where such development occurs—</p> <p>(a) within a watercourse;</p> <p>(b) in front of a development setback; or</p> <p>(c) if no development setback has been adopted, within 32 metres of a watercourse, measured from the edge of a watercourse;</p> <p>Western Cape</p> <p>Outside urban areas</p> <p>(ff) Critical biodiversity areas or ecosystem service areas as identified in systematic biodiversity plans adopted by the competent authority or in bioregional plans;</p>	<p>According to the WCBSP for Mossel Bay, the entire length of the Ruitersbos River running through both properties is mapped as an aquatic Critical Biodiversity Area (CBA1); The majority of Portions 420 and 373 are considered first priority Terrestrial Critical Biodiversity Areas (CBA 1).</p> <p>Road crossings</p> <p>Area 3 – 20 000m² - proposed 150 000m³ dam (existing dam – expanded);</p> <p>Area 4 – 10 000m² (existing dam and agricultural)</p>	<p>Area 3 – 2016</p> <p>Area 4 – 2017</p>
23	<p>The expansion of—</p> <p>(i) dams or weirs where the dam or weir is expanded by 10 square metres or more; or</p> <p>(ii) infrastructure or structures where the Physical footprint is expanded by 10 square metres or more;</p> <p>where such expansion occurs—</p> <p>a) within a watercourse;</p> <p>c) if no development setback has been adopted, within 32 metres of a watercourse, measured from the edge of a watercourse;</p> <p>i. Western Cape</p> <p>i. Outside urban areas:</p> <p>(ff) Critical biodiversity areas or ecosystem service areas as identified in systematic biodiversity plans adopted by the competent authority or in bioregional plans;</p>	<p>Dam expanded by approximately 300m² (2023);</p>	Area 3 – 2016 / 2023

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.
13	The development of facilities or infrastructure for the off-stream storage of water, including dams and reservoirs, with a combined capacity of 50 000 cubic metres or more, unless such storage falls within the ambit of activity 16 in Listing Notice 2 of 2014 (5 meters high / area more than 10ha)	Two road crossings have created dams within the watercourses. The water holding capacity of these is estimated to be 2000 m3 and 4000m3. Reservoirs are in place; GA is in place for 40 000m3 storage on each farm portion. A new dam is proposed which will have a maximum storage capacity of 150 000 cubic meters; the dam wall is planned to be a maximum of 12-meters in height.
19	The infilling or depositing of any material of more than 10 cubic metres into, or the dredging, excavation, removal or moving of soil, sand, shells, shell grit, pebbles or rock of more than 10 cubic metres from a watercourse;	Road crossings; dam within watercourse.
27	The clearance of an area of 1 hectares or more, but less than	Clearance of indigenous vegetation (not

	<p>20 hectares of indigenous vegetation, except where such clearance of indigenous vegetation is required for—</p> <p>(i) the undertaking of a linear activity; or</p> <p>(ii) maintenance purposes undertaken in accordance with a maintenance management plan.</p>	<p>disturbed in previous 10 years) has taken place between 2016 – 2024 for development of structures, dam and roads;</p> <p>Area 1 – 8000m² – 5 dwellings</p> <p>Area 2 – 9000m² – dwellings, reservoir</p> <p>Roads – 10000m²</p> <p>Area 3 – 800m² - (existing dam)</p> <p>Area 4 – 10000m² (existing dam and agricultural)</p> <p>Total - 3.7ha</p> <p>Developed on previously disturbed area:</p> <p>Area 5 – 7200m² - restaurant</p> <p>Current agricultural activities in place developed on past used agricultural areas (disturbed within previous 10 years)</p> <p>Ptn 420 – 17.2 ha (irrigated)</p> <p>Ptn 373 – 56.31 ha (irrigated)</p> <p>Existing dryland – 12 ha (pastures)</p> <p>Total – 85 ha</p> <p>Proposed:</p> <p>Additional agricultural: 20 ha – Area 4-17 ptn 373</p> <p>Elephant enclosure (1ha) - Area 5-1&2</p> <p>Predator enclosure (10ha) - Area 5-4</p> <p>Proposed 150 000m³ dam (2ha) - Area 3</p> <p>Total – 33 ha</p> <p>Total footprint: 122.5 ha</p> <p>Ln 2; Activity 27 included to authorise all footprints.</p>
28	<p>Residential, mixed, retail, commercial, industrial or institutional developments where such land was used for agriculture, game farming, equestrian purposes or afforestation on or after 01 April 1998 and where such development:</p> <p>(i) will occur inside an urban area, where the total land to be developed is bigger than 5 hectares; or</p> <p>(ii) will occur outside an urban area, where the total land to be developed is bigger than 1 hectare; excluding where such land has already been developed for residential, mixed, retail, commercial, industrial or institutional purposes.</p>	<p>Activity included in precompliance notice (14/1/1/E3/9/10/3/L1019/19)</p> <p>Occurs outside urban area</p> <p>Zoned as Agriculture 1</p> <p>Properties were used for cattle farming between 1976 to current. Farmhouse was in place on ptn 420; roads were in place.</p> <p>Crops are currently in place (60 ha) on ptns 373 and 420</p> <p>Game farm is in place on ptn 420.</p> <p>A restaurant is in place; however, footprint of area is 7200m².</p> <p>Five new dwellings have been developed on ptn 420, supporting structures and reservoirs are in place in agricultural area.</p> <p>Land currently used mostly for agriculture and game farming with dwellings provided for operational staff.</p> <p>The development on the property is not considered to be residential, mixed, retail, commercial, industrial or institutional.</p>
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.
15	<p>The clearance of an area of 20 hectares or more of indigenous vegetation, excluding where such clearance of indigenous vegetation is required for—</p> <p>(i) the undertaking of a linear activity; or</p>	<p>Clearance of indigenous vegetation (not disturbed in previous 10 years) has taken place between 2016 – 2024 for development of structures, dam and roads;</p> <p>Area 1 – 8000m² – 5 dwellings</p> <p>Area 2 – 9000m² – dwellings, reservoir</p> <p>Roads – 10000m²</p> <p>Area 3 – 800m² - (existing dam)</p>

		<p>Area 4 – 10000m2 (existing dam and agricultural) Total - 3.7ha</p> <p>Developed on previously disturbed area: Area 5 – 7200m2 - restaurant Current agricultural activities in place developed on past used agricultural areas (disturbed within previous 10 years) Ptn 420 – 17.2 ha (irrigated) Ptn 373 – 56.31 ha (irrigated) Existing dryland – 12 ha (pastures) Total – 85 ha</p> <p>Proposed: Additional agricultural: 20 ha – Area 4-17 ptn 373 Elephant enclosure (1ha) - Area 5-1&2 Predator enclosure (10ha) - Area 5-4 Proposed 150 000m3 dam (2ha) - Area 3 Total – 33 ha</p> <p>Total footprint: 122.5 ha</p> <p>Ln 2; Activity 15 included to authorise all footprints. LN1 activity 27 and LN 3 activity 12 included in application</p>
16	The development of a dam where the highest part of the dam wall, as measured from the outside toe of the wall to the highest part of the wall, is 5 metres or higher or where the highwater mark of the dam covers an area of 10 hectares or more.	New dam requires a storage capacity of 150 000 cubic meters. Concept design shows 12 meter high wall (including 2 meter freeboard)
27	The development of a road— Excluding a road (b) which is 1 kilometre or shorter; or	Additional roads and tracks developed between 2016 and 2024; Four roads identified which exceed 1km in length; distances are 1km, 1.2km, 1.4km and 2.3km.
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.
2	The development of reservoirs, excluding dams, with a capacity of more than 250 cubic metres. i. Western Cape ii. In areas containing indigenous vegetation; or	Reservoirs in place Storage of water (40 000m3) authorised on ptn 373 Storage of water (40 000m3) authorised on ptn 420
4	The development of a road wider than 4 metres with a reserve less than 13,5 metres. i. Western Cape ii. Areas outside urban areas; (aa) Areas containing indigenous vegetation;	Small sections of road on very steep terrain exceed 4 meter width
6	The development of resorts, lodges, hotels, tourism or hospitality facilities that sleeps 15 people or more. i. Western Cape ii. Outside urban areas; (aa) Critical biodiversity areas as identified in systematic biodiversity plans adopted by the competent authority or in bioregional plans; or (bb) Within 5km from national parks, world heritage sites, areas identified in terms of NEMPAA or from the core area of a biosphere reserve;— excluding the conversion of existing buildings where the development footprint will not be increased.	Not required
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	Vegetation on the study area is Swellendam Silcrete Fynbos (endangered) and Garden Route Granite Fynbos (critically Endangered) Clearance of indigenous vegetation (not

	<p>accordance with a maintenance management plan.</p> <p>i. Western Cape</p> <p>i. Within any critically endangered or endangered ecosystem listed in terms of section 52 of the NEMBA or prior to the publication of such a list, within an area that has been identified as critically endangered in the National Spatial Biodiversity Assessment 2004;</p> <p>ii. Within critical biodiversity areas identified in bioregional plans;</p>	<p>disturbed in previous 10 years) has taken place between 2016 – 2024 for development of structures, dam and roads;</p> <p>Area 1 – 8000m² – 5 dwellings</p> <p>Area 2 – 9000m² – dwellings, reservoir</p> <p>Roads – 10000m²</p> <p>Area 3 – 800m² - (existing dam)</p> <p>Area 4 – 10000m² (existing dam and agricultural)</p> <p>Total - 3.7ha</p> <p>LN1 activity 27 and LN 2 activity 15 included in application</p>
14	<p>The development of—</p> <p>(i) dams or weirs, where the dam or weir, including infrastructure and water surface area exceeds 10 square metres; or</p> <p>(ii) infrastructure or structures with a Physical footprint of 10 square metres or more;</p> <p>where such development occurs—</p> <p>(a) within a watercourse;</p> <p>(b) in front of a development setback; or</p> <p>(c) if no development setback has been adopted, within 32 metres of a watercourse, measured from the edge of a watercourse;</p> <p>Western Cape</p> <p>Outside urban areas</p> <p>(ff) Critical biodiversity areas or ecosystem service areas as identified in systematic biodiversity plans adopted by the competent authority or in bioregional plans;</p>	<p>According to the WCBSP for Mossel Bay, the entire length of the Ruitersbos River running through both properties is mapped as an aquatic Critical Biodiversity Area (CBA1); The majority of Portions 420 and 373 are considered first priority Terrestrial Critical Biodiversity Areas (CBA 1).</p> <p>Road crossings</p> <p>Area 3 – 20 000m² - proposed 150 000m³ dam (existing dam – expanded);</p> <p>Area 4 – 10 000m² (existing dam and agricultural)</p>
23	<p>The expansion of—</p> <p>(i) dams or weirs where the dam or weir is expanded by 10 square metres or more; or</p> <p>(ii) infrastructure or structures where the Physical footprint is expanded by 10 square metres or more;</p> <p>where such expansion occurs—</p> <p>a) within a watercourse;</p> <p>c) if no development setback has been adopted, within 32 metres of a watercourse, measured from the edge of a watercourse;</p> <p>i. Western Cape</p> <p>i. Outside urban areas;</p> <p>(ff) Critical biodiversity areas or ecosystem service areas as identified in systematic biodiversity plans adopted by the competent authority or in bioregional plans;</p>	<p>According to the WCBSP, entire length of the Ruitersbos River running through both properties is mapped as an aquatic Critical Biodiversity Area (CBA1); The majority of Portions 420 and 373 are Terrestrial CBA1.</p> <p>Dam (OGF1) within watercourse was expanded (2019 / 2020) by 10 m² or more.</p>

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
<p>The farms had previously (prior to 2005) been used for dryland cattle grazing. Historical imagery shows that approximately 197 ha of the area had been used for grazing. Vegetation within the study area is Swellendam Silcrete Fynbos (endangered) and Garden Route Granite Fynbos (critically Endangered).</p> <p>Clearance of indigenous vegetation (not disturbed in previous 10 years) has taken place between 2016 – 2024 for development of structures, dam and roads;</p> <p>Area 1 – 8000m² – 5 dwellings Area 2 – 9000m² – dwellings, reservoir Roads – 10000m² Area 3 – 800m² - (existing dam) Area 4 – 10000m² (existing dam and agricultural) Total - 3.7ha</p> <p>Developed on previously disturbed area: Area 5 – 7200m² – restaurant</p> <p>Current agricultural activities in place developed on past used agricultural areas (disturbed within previous 10 years) Ptn 420 – 17.2 ha (irrigated) Ptn 373 – 56.31 ha (irrigated) Existing dryland – 12 ha (pastures) Total – 85 ha</p> <p>An additional 200 ha was proposed to be cleared for additional crops – however following this assessment (water availability and soil conditions), this is no longer proposed. A maximum of 80 ha is proposed with 60 ha under irrigation and 20 ha available for rotation. Irrigated crops include maize, lucerne, avocado; and vegetables in tunnels. A dam with a 150 000m³ capacity is required to be constructed.</p> <p>Proposed: Additional agricultural: 20 ha – Area 4-17 ptn 373 Elephant enclosure (1ha) - Area 5-1&2 Predator enclosure (10ha) - Area 5-4 Proposed 150 000m³ dam (2ha) - Area 3 Total – 33 ha</p> <p>Total footprint: 122.5 ha</p>		
(b) Clearly describe the activity and associated infrastructure commenced with, indicating what has been completed and what still has to be completed.		
The farms had previously been used for dryland cattle grazing. Historical imagery shows that approximately		

197 ha of the area had been used for grazing. Vegetation within the study area is Swellendam Silcrete Fynbos (endangered) and Garden Route Granite Fynbos (critically Endangered).

Clearance of indigenous vegetation (not disturbed in previous 10 years) has taken place between 2016 – 2024 for development of structures, dam and roads;

Area 1 – 8000m² – 5 dwellings

Area 2 – 9000m² – dwellings, reservoir

Roads – 10000m²

Area 3 – 800m² - (existing dam)

Area 4 – 10000m² (existing dam and agricultural)

Total - 3.7ha

Developed on previously disturbed area:

Area 5 – 7200m² – restaurant

Current agricultural activities in place developed on past used agricultural areas (disturbed within previous 10 years)

Ptn 420 – 17.2 ha (irrigated)

Ptn 373 – 56.31 ha (irrigated)

Existing dryland – 12 ha (pastures)

Total – 85 ha

An additional 200 ha was proposed to be cleared for additional crops – however following this assessment (water availability and soil conditions), this is no longer proposed. A maximum of 80 ha is proposed with 60 ha under irrigation and 20 ha available for rotation. Irrigated crops include maize, lucerne, avocado; and vegetables in tunnels.

Proposed:

Additional agricultural: 20 ha – Area 4-17 ptn 373

Elephant enclosure (1ha) - Area 5-1&2

Predator enclosure (10ha) - Area 5-4

Proposed 150 000m³ dam (2ha) - Area 3

Total – 33 ha

Total footprint: 122.5 ha

(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	NO
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Provide brief description:

Area 1 – five dwellings

Each dwelling is approximately 1200m²

Area 2

Dwelling: 900m²

Dwelling: 1750m²

Structure: 1300m²

Area 5: Agricultural area, game farm, tourism, enclosures and supporting activities on ptn 420

Restaurant area - 7200m²

<p>Proposed – predator enclosure: 10 ha (maximum) within previously disturbed area</p> <p>Proposed – elephant night enclosure: 1 ha within previously disturbed area</p> <p>Plans provided are included as appendix B</p>		
Infrastructure (e.g. roads, power and water supply/ storage)	YES	NO
Provide brief description:		
<p>No municipal services (electricity, water, or sewage) are available on the property. As such, all energy requirements are met through off-grid systems, primarily solar power and gas.</p> <p>Roads and tracks are in place. Unnecessary roads are recommended to be rehabilitated. Crossings which require modification are identified.</p> <p>Area 3 – dam (existing and proposed), solar Solar panel – 500m2</p> <p>Reservoirs in place Storage of water (40 000m3) authorised on ptn 373 Storage of water (40 000m3) authorised on ptn 420 in height. An existing road crossing was upgraded that resulted in the creation of a small instream dam (OGF1) on the Ruiterbos River .</p> <p>A general authorisation has been issued by DWS for the following: Portion 373 (4/5/K10D/Outeniqua) Section 21 a – taking ground water from a borehole for irrigation (117 819m3/annum) Section 21 a - taking surface water from river / stream for irrigation (80 000m3.annum)</p> <p>Portion 420 (4/5/6/K10D/Outeniqua) Section 21 a – taking ground water from a borehole for irrigation (73 425m3/annum) Section 21 a - taking surface water from river / stream for irrigation (80 000m3.annum)</p> <p>A new dam is proposed with a storage capacity of 150 000 cubic meters. The concept design of the dam has been developed; the dam wall is planned have a 12-meter wall height including a 2 meter freeboard. The final design of dam to consider ecological water requirements and incorporate release flow infrastructure, either through a pipe-and-valve outlet system or via a bypass mechanism (e.g., weir and pipeline). A pipe / valve system is the preferred and recommended mechanism. Pumps used to abstract water from the dam must be fitted with calibrated flow meters with the purpose of ensuring that annual lawful water allocations are not exceeded. Any additional abstraction from the Ruiterbos River must be subject to the formal surrender of existing borehole water use rights on RE/420 and RE/373 to ensure overall compliance with the lawful water allocation.</p>		
Processing activities (e.g. manufacturing, storage, distribution)	YES	NO
Provide brief description:		
No manufacturing or processing will take place.		
Storage facilities for raw materials and products (e.g. volume and substances to be stored)		
Provide brief description	YES	NO
<p>Establishment of crop farming (approximately 48.75 ha on ptn 373; 17.1 ha on ptn 420) has taken place between 2014 - 2024 for agricultural activities with the majority of current farming areas are taking place on previously disturbed cattle grazing areas. Number of storage facilities are in place in the agricultural areas. Estimate: 15 ha maize; 20 ha lucerne, 10 ha avocado, 3 ha tunnels, currently in place. Livestock (80 cattle</p>		

and 160 sheep) are in place. A maximum of 80 ha crop farming is proposed with 60 ha under irrigation and 20 ha available for rotation.		
Storage and treatment facilities for solid waste and effluent generated by the project	Yes	No
Provide brief description		
Current systems include:		
<ul style="list-style-type: none"> - Septic tanks or French drains for domestic wastewater. - Restaurant wastewater is treated using grease traps and septic tanks. 		

(d) Other activities (e.g. water abstraction activities, crop planting activities)	Yes	No
Provide brief description		
<p>Establishment of crop farming (approximately 48.75 ha on ptn 373; 17.1 ha on ptn 420) has taken place between 2014 - 2024 for agricultural activities with the majority of current farming areas are taking place on previously disturbed cattle grazing areas. Currently in place: 15 ha maize; 20 ha lucerne, 10 ha avocado, 3 ha tunnels (48 ha) currently in place. Livestock (80 cattle and 160 sheep) are kept in paddocks. Game farm animals are in place. Water is also required for domestic use at dwellings and restaurant.</p> <p>Based on the soil, vegetation and hydrology assessment, a maximum of 80 ha agricultural is deemed feasible with 60 ha under irrigation and 20 ha available for rotation.</p> <p>RE/373 has an authorised abstraction of 80 000 m3 from the Palmiet River. A new instream dam is proposed in the Ruiterbos River to meet water requirements for the area. The hydrology assessment shows that a dam size of 150 000 m3 is expected to provide a 95 % assurance of supply. Considering an existing water entitlement of 80 000 m3 from the Ruiterbos River, a Water Use License (WUL) would be required to abstract and additional 100 000 m3 to 135 000 m3 in order to meet irrigation demands.</p> <p>The concept design of the dam has been developed; the dam wall is planned have a 12-meter wall height including a 2 meter freeboard. The final design of dam to consider ecological water requirements and incorporate release flow infrastructure, either through a pipe-and-valve outlet system or via a bypass mechanism (e.g., weir and pipeline). A pipe and valve outlet system is the preferred and recommended mechanism. Pumps used to abstract water from the dam must be fitted with calibrated flow meters with the purpose of ensuring that annual lawful water allocations are not exceeded.</p> <p>The existing dammed areas at watercourse crossings must be rehabilitated as per the rehabilitation plan provided in the EMPr as a condition of approval for the new larger dam</p> <p>Any additional abstraction from the Ruiterbos River must be subject to the formal surrender of existing borehole water use rights on RE/420 and RE/373 to ensure overall compliance with the lawful water allocation.</p>		

3. PHYSICAL SIZE OF THE ACTIVITY

Indicate the physical spatial size of the activity as well as associated infrastructure (footprints):	122 ha
Indicate the area that has been transformed / cleared to allow for the activity as well as associated infrastructure	3.7 ha
Total area:	1278 ha

Portion 420 of Outeniqua Game Farm is approximately 489ha.

Irrigated area - ~17.2 ha

Area 1 – 8000m2 – 5 dwellings

Area 2 – 9000m2 – dwellings, reservoir

Restaurant - 7200m2

Roads – 10000m2

150 000m3 dam - 2 ha-

proposed predator enclosure - ~10.4 ha

elephant night holding – 1 ha

Total – 33 ha

Approximately 456 ha is available for free-ranging game and natural vegetation and accompanying fauna

Portion 373 is approximately 789 ha in extent.

Irrigated – 56.31 ha (irrigated)

Existing dryland – 12 ha (pastures)

Additional agricultural: 20 ha – Area 4-17 ptn 373

Total – 89 ha

Approximately 700 ha available for natural vegetation and accompanying fauna

Total footprint: 122.5 ha

Estimated area of alien invasive vegetation: 200 ha – recommended to be cleared and rehabilitated

Estimated previously disturbed area that site show signs of fynbos regeneration and these areas are not recommended for further agricultural expansion / disturbance: 22.98 ha

4. SITE ACCESS

Was there an existing access road?	YES	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:		
<p>The property is accessed via the R328.</p> <p>Internal roads and tracks are in place. (Roads, SDP 2020 provided in appendix B)</p> <p>Additional internal roads and tracks developed between 2016 and 2024; Three roads identified which exceed 1km in length; distances are 1.2km, 1.4km and 2.3km.</p>		

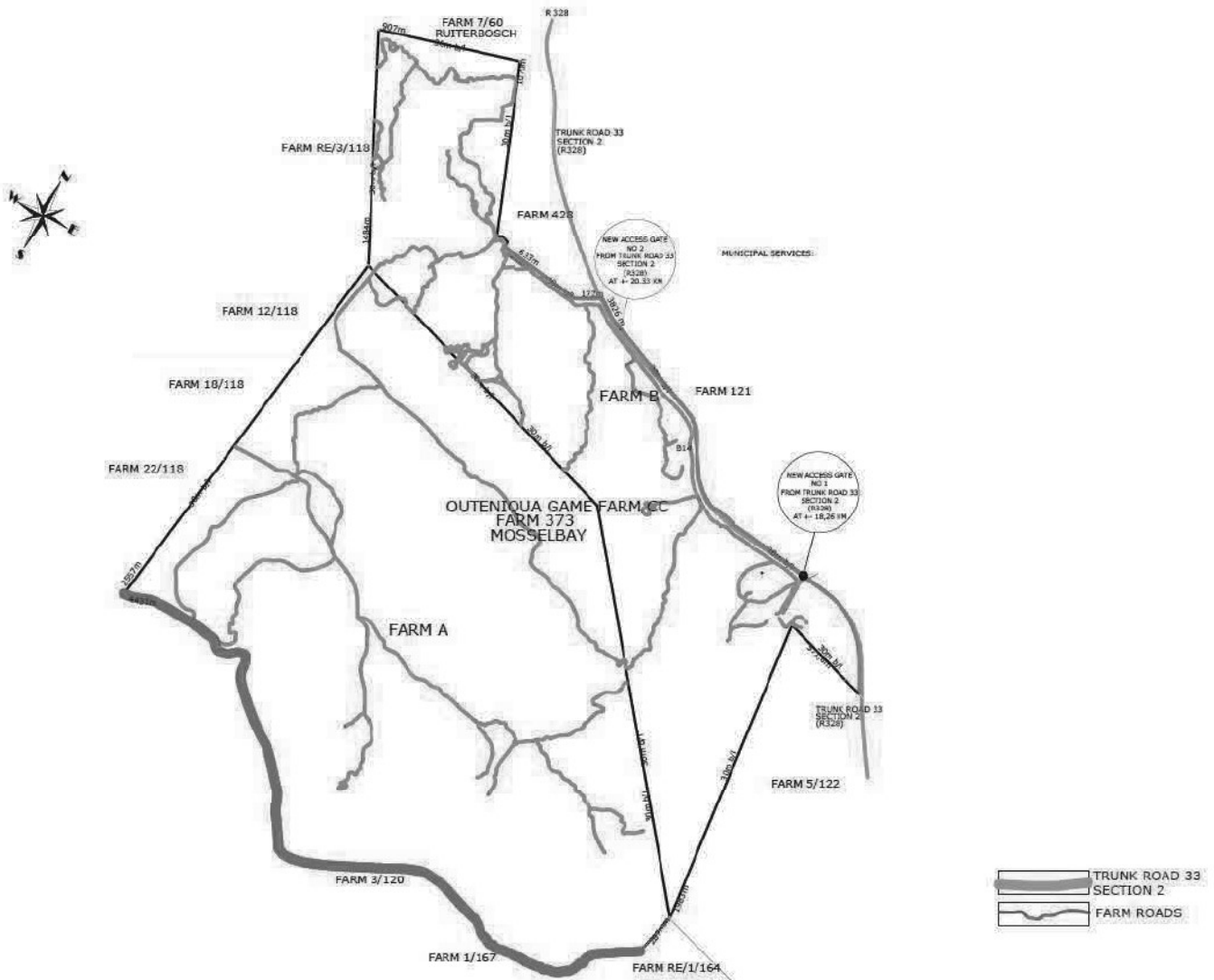


Figure 10: Roads and tracks (extracted from SDP, 2020)(Refer to Appendix B)



Figure 11: New roads / tracks identified

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** 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.

PHOTOGRAPHS ARE PROVIDED IN APPENDIX D.

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 (Act No. 107 of 1998)	DEADP	Environmental authorisation Section 24G of NEMA	In process (this application)
Environmental Impact Assessment	DEADP	Environmental authorisation	In process (this application)

LEGISLATION	ADMINISTERING AUTHORITY	TYPE Permit/ license/ authorisation/comment	DATE (if already obtained):
Regulations (2014, as amended)			
CONSERVATION OF AGRICULTURAL RESOURCES ACT, 1983 (ACT 43 OF 1983)	Western Cape Department of Agriculture	Soil permit – cultivation of virgin soil	Required
National Water Act (act 36 of 1998)	DWS / BOGMA	Authorisation for water uses: S21a, b, c, l and g	In place for a and b – new application for new dam and to authorise existing activities
The Nature Conservation Ordinance (Ord 19 of 1974)	Cape Nature	Certificate of Adequate Enclosure	Required for proposed / in place for existing
National Norms and Standards for the Management of Elephants in South Africa published in terms on NEMBA, 2023	SanParks, Cape Nature	Annexure II – management plans for captive elephants	Required for proposed
Norms and standards for captive lions			
The Nature Conservation Ordinance (Ord 19 of 1974)	Cape Nature	Permits for flora and fauna listed in terms of PNCO	Ongoing as required
National Environmental Management Act: Biodiversity Act (Act No. 10 of 2004)	Cape Nature	Permits of SCC flora and fauna listed in terms of NEMBA	Ongoing as required
National Forest Act No 84 of 1998 as amended / Forestry Laws Amendment Act (Act 35 Of 2005)	Department of Forestry	Permits for protected trees listed in terms of NFA	Ongoing as required
Other legislation consulted and relevant measures / principles incorporated into EMPr / required			
Constitution Of The Republic Of South Africa (Act 108 Of 1996)	RSA		
National Heritage Resources Act, 1999 (Act No. 25 of 1999) (NHRA).	Heritage WC	Mitigation included in EMPr	EMPr
National Veld and Forest Fire Act (Act 101 Of 1998)	Southern Cape Fire Protection Association (SCFPA)	Fire management plan and controlled burning	Member of SCFPA

LEGISLATION	ADMINISTERING AUTHORITY	TYPE Permit/ license/ authorisation/comment	DATE (if already obtained):
National Environmental Management Act: Waste Act (Act No 59 of 2008)	DFFE	Waste management hierarchy. Norms and standards for composting	EMPr
National Environmental Management Act: Air Quality Act (Act No 39 of 2004)	Garden Route District Municipality	Dust control	EMPr
National Environmental Management: Protected Areas Act (Act No. 57 of 2003)	DFFE Cape Nature SANParks	Formal and informal protected areas	EMPr
Biodiversity Management Plan For The African Lion (Panthera Leo) In Terms Of National Environmental Management: Biodiversity Act, 2004 (Act No. 10 Of 2004)	DFFE Cape Nature SANParks	Norms and Standards for captive lions and permit conditions	
National Environmental Management Amendment Act (Act 62 Of 2008)	DFFE DEADP CAPE NATURE DWS WC agriculture	As required	
Environmental Conservation Act (Act No. 73 of 1989)	DFFE	General Policy in terms of ECA	EMPR
The Fencing Act (Act No. 31 of 1963) i	Western Cape Department of agriculture	Fencing Requirements	Game farm management plan
Western Cape Game Translocation and Utilisation Policy and the Fencing Policy	Western Cape Department of agriculture	Fencing Requirements	Game farm management plan
Municipal system Act (32 of 2000)	Mossel Bay Integrated Development Plan		
Western Cape Land Use Planning Act, 2014 (Act 3 of 2014)	Mossel Bay		
SPLUMA (Act 13 Of 2013)	Mossel Bay		
Fertilizers, Farm Feeds, Agricultural Remedies and Stock Remedies Act, 1947 (Act No. 36 of 1947)	Department of Agriculture		

LEGISLATION	ADMINISTERING AUTHORITY	TYPE Permit/ license/ authorisation/comment	DATE (if already obtained):
Agricultural Pest Act, 1983 (Act No 36 of 1983)	Department of Agriculture		
Medicines and Related Substances Control Act, 1965 (Act 101 of 1965)	Department of Health		
Hazardous Substances Act, 1973 (Act 15 of 1973)	Department of Health		
The Foodstuffs, Cosmetics and Disinfectants Act (FCDA), 1972 (Act No. 54 of 1972)	Department of Health		
The Occupational Health and Safety Act (OHSA), 1993 (Act No. 85 of 1993)	Department of Labour		

POLICY/ GUIDELINES	ADMINISTERING AUTHORITY
DFFE Screening tool and relevant protocols	DFFE
DWS Risk Assessment Matrix	DWS
Western Cape Biodiversity Spatial Plan, 2017	DEADP / Cape Nature
Ecosystem Guidelines for Environmental Assessment in the Western Cape, fynbos Forum	DEADP / Cape Nature
List of Threatened Ecosystems, 2022	DEADP / Cape Nature
SANBI VEGMAP 2018	DEADP / Cape Nature
Veld Management and Planted Pastures	Agricultural, land reform and rural development DFFE
A PRACTICAL GUIDE TO MANAGING INVASIVE ALIEN PLANTS	Department of Agriculture
Honeybush tea production guideline. 2016.	Department of Agriculture
Production Guideline – Avocado, Department of Agriculture, Forestry and Fisheries, 2012	Department of Agriculture
National Norms and Standards for the Management of Elephants in South Africa published in terms on NEMBA, 2023	SanParks, Cape Nature
Guidelines for Grazing Capacity Determination	Department of Agriculture
SUSTAINABLE HARVESTING OF WILD HONEYBUSH	Department of Agriculture Cape Nature
South African Action Plan for the Conservation of Cheetahs and African Wild Dogs, workshop report, 2009	DFFE Cape Nature
The Garden Route Environmental Management Framework	Garden route District Municipality
Mossel Bay Spatial Development Framework	Mossel Bay Municipality
MOSSSEL BAY MUNICIPALITY SPATIAL DEVELOPMENT FRAMEWORK / ENVIRONMENTAL MANAGEMENT	Mossel Bay Municipality

FRAMEWORK	
DEA (2014), Companion to the EIA Regulations 2014, Integrated Environmental Management Guideline Series 5, Department of Environmental Affairs, (DEA), Pretoria, South Africa	DEADP / DWS / WC Agriculture / Cape Nature
DEADP (2014) Guideline on Public Participation, EIA Guideline and Information Document Series. Western Cape Department of Environmental Affairs & Development Planning	DEADP
NEMA EIA Regulations Guideline and Information Document Series: Guideline on Alternatives Guideline on Appeals Guideline on Exemption Applications Guideline on Need and Desirability Guideline on Public Participation Guideline on Transitional Arrangements Guideline for determining the Scope of Specialist Involvement in EIA Processes Guideline for involving Visual and Aesthetic Specialists in EIA Processes Guideline for involving Social Assessment Specialists in EIA Processes Guideline for involving Hydrogeologists in EIA Processes Guideline for involving Biodiversity Specialists in EIA Processes Guideline for Environmental Management Plans	DEADP

7. APPLICATIONS IN TERMS OF NEMA AND SPECIFIC ENVIRONMENTAL MANAGEMENT ACTS (“SEMAS”)

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
If yes, has an application been submitted to the licensing authority?	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
If yes, has an application been submitted to the licensing authority?	Yes	NO
If no, please provide evidence of existing water use rights (if applicable) with this application form.		
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
If yes, has an application been submitted to the licensing authority?	YES	NO
Does the proposed project require an application in terms of the National Environmental Management: Integrated Coastal Management Act (“NEM: ICMA”)?	YES	NO

If yes, has an application been submitted to the relevant competent authority?	YES	NO
If yes, provide more details of the application submitted/to be submitted in terms of the NEM: ICMA		

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
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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)
Soil permit APPLICATION TO CULTIVATE VIRGIN SOIL (Regulation 2) in terms of CONSERVATION OF AGRICULTURAL RESOURCES ACT, 1983 (ACT 43 OF 1983) (rectification and proposed)	Department Agriculture	No	None on record
Water use license in terms of the National water (act 36 of 1998)	DWS / BOGMA	Yes / As required	In place / require for all existing and proposed activities
Permits for disturbance / removal of any protected trees in terms of the National Forestry Act	DFFE - Forestry	As required	
Permits for protected fauna or flora species in terms of the national Environmental Management: Biodiversity Act	Cape Nature	As required	
Permits for species as identified in the Provincial Nature Conservation Ordinance	Cape Nature	As required	
Certificate of Adequate Enclosure issued by Cape Nature Conservation. Approved for the breeding, selling of wildlife species as per approved Outeniqua Game Farm Management Plan and Addendums. In place	Cape Nature	Yes	In place
National Veld and Forest Fire Act (Act 101 Of 1998) - Development of fire management practices to prevent and combat fires and legal duty and responsibility to ensure that veld fires do not break out on their property, and to take preventative measures to minimize the risk of fires spreading. Due to the fire risk inherent for any fire driven ecosystem (fynbos), it is important that this application be reviewed by the Southern Cape Fire Protection Association (SCFPA) so they can provide comments on management recommendations. It is noted that OGF is a member of the SCFPA. It is important to retain this membership. Assistance with controlled fire blocks on the property is important for the fire-driven ecosystem.	SCFPA	Yes	Member

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):

Refer to Appendix M for full impact assessment

1. THE GEOLOGICAL FORMATIONS UNDERLYING THE SITE (TICK THE APPROPRIATE BOX)

GRANITE	<input checked="" type="checkbox"/>	QUARTZITE	<input type="checkbox"/>
SHALE	<input type="checkbox"/>	DOLOMITE	<input type="checkbox"/>
SANDSTONE	<input type="checkbox"/>	DOLERITE	<input type="checkbox"/>
OTHER (specify)	silcrete		

2. GRADIENT OF THE SITE

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

Flat	Flatter than 1:10	1:10 – 1:5	Steeper than 1:5
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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	Closed valley	Open valley	Plain	Undulating plain/low hills	Dune	Sea-front	Other
If other, please describe									
Refer to Appendix M – Impact assessment									

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)	<input checked="" type="checkbox"/>	NO	<input checked="" type="checkbox"/>
Seasonally wet soils (often close to water bodies)	<input checked="" type="checkbox"/>	NO	<input checked="" type="checkbox"/>
Unstable rocky slopes or steep slopes with loose soil	<input checked="" type="checkbox"/>	NO	<input checked="" type="checkbox"/>
Dispersive soils (soils that dissolve in water)	<input checked="" type="checkbox"/>	NO	<input checked="" type="checkbox"/>
Soils with high clay content	<input checked="" type="checkbox"/>	NO	<input checked="" type="checkbox"/>
Any other unstable soil or geological feature	<input checked="" type="checkbox"/>	NO	<input checked="" type="checkbox"/>
An area sensitive to erosion	YES	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

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

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

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).

Refer to Appendix M – Impact assessment

5. SURFACE WATER

5.1 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	<input type="checkbox"/>	<input type="checkbox"/>
Non-Perennial River	YES	<input type="checkbox"/>	<input type="checkbox"/>
Permanent Wetland	<input type="checkbox"/>	NO	<input type="checkbox"/>
Seasonal Wetland	YES	<input type="checkbox"/>	<input type="checkbox"/>
Artificial Wetland	<input type="checkbox"/>	NO	<input type="checkbox"/>
Estuarine / Lagoonal wetland	<input type="checkbox"/>	NO	<input type="checkbox"/>

5.2 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	<input type="checkbox"/>	<input type="checkbox"/>
Non-Perennial River	YES	<input type="checkbox"/>	<input type="checkbox"/>
Permanent Wetland	<input type="checkbox"/>	NO	<input type="checkbox"/>
Seasonal Wetland	YES	<input type="checkbox"/>	<input type="checkbox"/>
Artificial Wetland	<input type="checkbox"/>	NO	<input type="checkbox"/>
Estuarine / Lagoonal wetland	<input type="checkbox"/>	NO	<input type="checkbox"/>

Refer to Appendix M – Impact assessment

6. 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	Indigenous Vegetation with heavy alien infestation
Describe the vegetation type above: Garden Route Granite Fynbos Swellendam Silcrete Fynbos Gouritz Valley Thicket	Describe the vegetation type above: Garden Route Granite Fynbos Swellendam Silcrete Fynbos Gouritz Valley Thicket	Describe the vegetation type above: Gouritz Valley Thicket Garden Route Granite Fynbos
Provide ecosystem status for above: Garden Route Granite Fynbos - critically endangered (CR) Swellendam Silcrete Fynbos - endangered (EN) Gouritz Valley Thicket - critically endangered (CR)	Provide ecosystem status for above: Garden Route Granite Fynbos - critically endangered (CR) Swellendam Silcrete Fynbos - endangered (EN) Gouritz Valley Thicket - critically endangered (CR)	Provide Ecosystem status for above: Garden Route Granite Fynbos - critically endangered (CR) Gouritz Valley Thicket - critically endangered (CR)
Indigenous Vegetation in an ecological corridor or along a soil boundary / interface	Veld dominated by alien species Extent of areas with alien invasive species (AIS): 200ha (current) AIS cleared (2017 to date) estimated at 200 ha.	Distinctive soil conditions (e.g. Sand over shale, quartz patches, limestone, alluvial deposits, termitaria etc.) – describe The geology of the assessment area is predominantly granite with some ridge crests capped with silcrete remnants (consistent Garden Route Granite Fynbos and Swellendam silcrete vegetation).
Bare soil	Building or other structure	Sport field
Other (describe below)	Cultivated land Historically, land use on the property included cattle grazing and small-scale quarrying, which contributed to the disturbance of approximately 197 ha of fynbos.	Paved surface

- (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)	Vegetation on site is critically endangered (CR) Garden Route Granite Fynbos, endangered (EN) Swellendam Silcrete Fynbos and some of valley vegetation was found to be representative of Gouritz Valley Thicket (CR). In terms of the Western Cape Biodiversity Spatial Plan, (WC

				<p>BSP) the entire site is mapped as a Terrestrial critical biodiversity area (CBA) 1 with small sections mapped as a Terrestrial CBA 2.</p> <p>CBA 1 Objective: Maintain in a natural or near-natural state, with no further loss of habitat. Degraded areas should be rehabilitated. Only low-impact, biodiversity-sensitive land uses are appropriate.</p> <p>CBA2 Objective: Maintain in a functional, natural or near-natural state, with no further loss of habitat. Degraded areas should be rehabilitated. Only low-impact, biodiversity-sensitive land uses are appropriate</p>

(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	53%	<p>Portion 373 is approximately 789 ha in extent</p> <p>Portion 420 of Outeniqua Game Farm is approximately 489 ha</p> <p>Combined 1278 ha</p> <p>Previous land use - 197 ha</p> <p>Estimated AIS area – 200 ha (note estimated 200 ha AIS already cleared)</p> <p>$1278 - 197 - 200 - 200 = 681$ ha</p>
Near Natural (includes areas with low to moderate level of alien invasive plants)	15.6%	200 ha - moderate
Degraded (includes areas heavily invaded by alien plants)	15.6%	200 ha – infested
Transformed (includes cultivation, dams, urban, plantation, roads, etc)	15.4%%	197 ha (pastures, quarry)

(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)	Critical	Wetland (including rivers, depressions, channelled and un-channelled wetlands, flats, seeps pans, and artificial wetlands)				Estuary		Coastline	
	Endangered								
	Vulnerable								
	Least Threatened								
		YES	NO	UNSURE	YES	NO	YES	NO	

(d) 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)

Refer to Appendix M – Impact assessment
<p>According to the National vegetation map, critically endangered (CR) Garden Route Granite Fynbos and endangered (EN) Swellendam Silcrete Fynbos is mapped on the Portions 373 and 420. These are grouped as midlands upland fynbos ecosystems in the Fynbos Ecosystem Guidelines. Some of valley vegetation was found to be more representative of thicket, which is most consistent with Gouritz Valley Thicket (CR).</p> <p>In terms of the Western Cape Biodiversity Spatial Plan, (WC BSP) the entire site is mapped as a Terrestrial critical biodiversity area (CBA) 1 with small sections mapped as a Terrestrial CBA 2.</p> <p>CBA 1 Objective: Maintain in a natural or near-natural state, with no further loss of habitat. Degraded areas should be rehabilitated. Only low-impact, biodiversity-sensitive land uses are appropriate.</p> <p>CBA2 Objective: Maintain in a functional, natural or near-natural state, with no further loss of habitat. Degraded areas should be rehabilitated. Only low-impact, biodiversity-sensitive land uses are appropriate.</p> <p>The rivers and non-perennial drainage lines are mapped as Rivers and Wetland CBA1 (WCBCP)</p> <p>The vegetation on Portions 420 and 373 have a high conservation value and are regarded as areas essential to meeting biodiversity targets in the Western Cape.</p>
<p>Confirmed on site:</p> <p><i>Freesia fergusoniae</i> (status = Endangered).</p> <p><i>Erica unicolor mutica</i> (EN)</p> <p><i>Phyllica velutina</i>, <i>Jamesbrittenia calciphila</i> - near threatened (NT)</p> <p><i>Hermannia lavandulifolia</i>, <i>Freesia cf. fergusoniae</i>; - vulnerable species</p> <p>SS142</p> <p>Protected Trees</p> <p><i>Sideroxylon inerme inerme</i></p> <p><i>Pittosporum viridiflorum</i>;</p> <p>Additional flora SCC that may be found provided in Table 10 of Terrestrial biodiversity and flora assessment (Appendix H1)</p>
<p>Potential fauna SCC</p> <p>Black Harrier (<i>Circus maurus</i>) - EN</p> <p>Mountain Silverleaf (<i>Aneuryphymus montanus</i>) - VU</p> <p>Cape Spiny Mouse (<i>Acomys subspinosus</i>) -Near Threatened (NT)</p> <p>Cape Golden Mole (<i>Chrysochloris asiatica</i>) Near Threatened (NT)</p> <p>Parrot-beaked Tortoise (<i>Homopus areolatus</i>) Near Threatened (NT)</p> <p>Cape Dwarf Chameleon (<i>Bradypodion pumilum</i>) Vulnerable (VU)</p> <p>Cape Sugarbird (<i>Promerops cafer</i>) LC (but range-restricted)</p> <p>Orange-breasted Sunbird (<i>Anthobaphes violacea</i>) LC (but fynbos-restricted)</p> <p>SS8</p>

6.2 VEGETATION AND/OR GROUND COVER (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	Indigenous Vegetation with heavy alien infestation
Describe the vegetation type above: Garden Route Granite Fynbos Swellendam Silcrete Fynbos Gouritz Valley Thicket	Describe the vegetation type above: Garden Route Granite Fynbos Swellendam Silcrete Fynbos Gouritz Valley Thicket	Describe the vegetation type above: Gouritz Valley Thicket Garden Route Granite Fynbos
Provide ecosystem status for above: Garden Route Granite Fynbos -	Provide ecosystem status for above: Garden Route Granite Fynbos -	Provide Ecosystem status for above: Garden Route Granite Fynbos - critically

critically endangered (CR) Swellendam Silcrete Fynbos - endangered (EN) Gouritz Valley Thicket - critically endangered (CR)	critically endangered (CR) Swellendam Silcrete Fynbos - endangered (EN) Gouritz Valley Thicket - critically endangered (CR)	endangered (CR) Gouritz Valley Thicket - critically endangered (CR)
Indigenous Vegetation in an ecological corridor or along a soil boundary / interface	Veld dominated by alien species Extent of areas with alien invasive species (AIS): 200ha Estimated 200 ha AIS cleared between 2017 - current	Distinctive soil conditions (e.g. Sand over shale, quartz patches, limestone, alluvial deposits, termitaria etc.) – describe The geology of the assessment area is predominantly granite with some ridge crests capped with silcrete remnants (consistent Garden Route Granite Fynbos and Swellendam silcrete vegetation).
Bare soil	Building or other structure	Sport field
Other (describe below) Past undisturbed area currently in use – ptn 420: 2.7 ha five dwellings and road - 8000m2 dwellings, structures, water storage, roads, tracks on ptn 420 - 9000m2 Roads between Area 2 and 3 on ptn 420 – 10 000 m2 Dam area – 800m2 Proposed activities on previously disturbed areas: 13.4 ha Elephant night enclosure to accommodate a maximum of four (4) African elephants: 1 ha within previously disturbed area Proposed – predator enclosure: 10,4 ha (maximum) within previously disturbed area Proposed 150 000m3 dam (2ha)	Cultivated land Past use agricultural areas currently in use: 43 ha (ptn 373) Past use agricultural areas currently in use: 17.2 ha (ptn 420) Additional proposed – 20 ha Dryland (all past use): 12 ha Past undisturbed agricultural area currently in use: 1 ha (to be rehabilitated)	Paved surface

(a) 1

(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)?

Refer to Appendix F – Impact assessment

Past undisturbed area currently in use: 2.7 ha on Portion 420

Five dwellings and road - 8000m²

Dwellings, structures, water storage, roads, tracks - 9000m²

Roads – 10 000 m²

Dam area – 800m²

Portion 373

Past undisturbed agricultural area currently in use within non-perennial drainage line mapped as CBA: 1 ha

Total area of disturbance to intact fynbos: 3.7 ha

6.3 VEGETATION / GROUND COVER MANAGEMENT

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

Majority of agricultural and restaurant activities located on previously modified areas – identified suitable areas for activities are identified in the impact assessment; this has been informed by soil, terrestrial biodiversity, and flora assessments carried out as part of this application

Ongoing AIS removal – continued management of AIS recommended to take place as per EMP

Member of Southern Cape Fire Protection Association – fire management recommended to take place as per EMP

Certificate of Adequate Enclosure issued by Cape Nature Conservation

Water use license in place – borehole water is not suitable for irrigation and domestic needs and an instream dam with a 150 000m³ capacity; a hydrology assessment and aquatic assessment has been carried out as part of this application

7.1 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	Medium density residential	High density residential	Informal residential
Retail	Commercial & warehousing	Light industrial	Medium industrial	Heavy industrial
Power station	Office/consulting room	Military or police base/station/compound	Casino/entertainment complex	Tourism & Hospitality facility
Open cast mine	Underground mine	Spoil heap or slimes dam	Quarry, sand or borrow pit	Dam or reservoir
Hospital/medical 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	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.

Refer to Appendix M – Impact assessment

OGF covers a combined area of 1278 ha in extent and are located in the foothills of the Outeniqua Mountains within the Southern Coastal Belt ecoregion which is located between 0 and 500 masl and is characterized by undulating plains and low hills of moderate relief. The mean annual precipitation (MAP) is relatively low (454 mm per annum - Bailey and Pitman, 2016), with distinct peaks in the transition between summer and autumn (March to April) and winter and spring (August to November).

According to the National vegetation map, critically endangered (CR) Garden Route Granite Fynbos and endangered (EN) Swellendam Silcrete Fynbos is mapped on the Portions 373 and 420. Some of valley vegetation was found to be more representative of thicket, which is most consistent with Gouritz Valley Thicket (CR).

In terms of the Western Cape Biodiversity Spatial Plan, (WC BSP) the entire site is mapped as a Terrestrial critical biodiversity area (CBA) 1 with small sections mapped as a Terrestrial CBA 2.

The Ruiterbos River originates from the mountains and runs north to south along the boundary of the two properties and joins the Palmiet River to form the Brandwag River which terminates at the Great Brak Estuary. The Ruiterbos River is mapped as a non-perennial river associated with a channelled valley-bottom wetland. The river runs along the steeply confined valley and fed by several non-perennial rivers draining from the east and west. In terms of the Biodiversity Spatial Plan for the Western Cape (WC BSP), the watercourses on the properties are mapped as River and Wetland CBA1.

The extent of AIS on the property has been estimated as an area of approximately 200ha occurring mostly within the drainage line on the site.

The farm portions have historically been used for cattle grazing and quarrying activities and associated dwellings, roads and water supply and had an estimated combine footprint of approximately 198 ha (97 ha on ptn 420; 99 ha on ptn 373).

7.2 LAND USE CHARACTER OF SURROUNDING AREA (PRE-COMMENCEMENT)

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

Untransformed area	Low density residential	Medium density residential	High density residential	Informal residential
Retail	Commercial & warehousing	Light industrial	Medium industrial	Heavy industrial
Power station	Office/consulting room	Military or police base/station/compound	Casino/entertainment complex	Tourism & Hospitality facility
Open cast mine	Underground mine	Spoil heap or slimes dam	Quarry, sand or borrow pit	Dam or reservoir
Hospital/medical 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	River, stream or wetland	Nature conservation area
Mountain, koppie or ridge	Museum	Historical building	Graveyard	Archaeological site
Other land uses (describe):				

7.3 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.

(c)

Untransformed area	Low density residential	Medium density residential	High density residential	Informal residential
Retail	Commercial & warehousing	Light industrial	Medium industrial	Heavy industrial
Power station	Office/consulting room	Military or police base/station/compound	Casino/entertainment complex	Tourism & Hospitality facility
Open cast mine	Underground mine	Spoil heap or slimes dam	Quarry, sand or borrow pit	Dam or reservoir
Hospital/medical 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	River, stream or wetland	Nature conservation area
Mountain, koppie or ridge	Museum	Historical building	Graveyard	Archaeological site
Other land uses (describe):				

(d)

Habitat Condition – Post commencement	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	53%	<p>Portion 373 is approximately 789 ha in extent</p> <p>Portion 420 of Outeniqua Game Farm is approximately 489 ha</p> <p>Combined 1278 ha</p> <p>Previous land use - 197 ha</p> <p>Estimated AIS area – 200 ha (estimated cleared to date – 200ha)</p> <p>Estimated current footprint – 91 ha</p> <p>Estimated current and proposed footprint (enclosures, agricultural) footprint – 122 ha</p> <p>1278– 275 – 200 - 122</p> <p>681 ha</p>
Near Natural (includes areas with low to moderate level of alien invasive plants)	21.5%	<p>200 ha (low /med AIS)</p> <p>197 – 122 ha (75 ha – near natural)</p> <p>275 ha near natural</p>
Degraded (includes areas heavily invaded by alien plants)	15.6%	200 ha – infested
Transformed (includes cultivation, dams, urban, plantation, roads, etc)	9.5%	122 ha – current and proposed

7. SOCIO-ECONOMIC CONTEXT

7.1 SOCIO-ECONOMIC CONTEXT (PRE-COMMENCEMENT)

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

Past activities allowed for one tenant to occupy the area, and the area was used for cattle farming up until 2016. No authorisations are on record for this activity. Agricultural imagery shows the agricultural areas used for farming dating back to the 1970s on the farm portions. Quarrying activities are also visible. Employment opportunities and income generation would have been provided by these activities.

7.2 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.

Current activities allow for staff to be accommodated in the existing agricultural dwellings, and the 7 dwellings on ptn 420. A game farm and restaurant has also been established as well as 60 ha of cropland. The landowner reportedly encourages proposals from the existing staff members (agricultural and game farming activities) which will add value to the land.

The existing restaurant and accompanying tourist activities are situated on ptn 420 alongside the R328. Ptn 420 is used as a game farming area (with small sections of agricultural areas that can be seen in the google earth 1985 imagery). Ptn 373 is used for the majority of agricultural activities.

The agricultural activities provides avocados, maize and vegetables to the market and the small-scale vegetables are also made available for staff use.

The agricultural activities and restaurant, game farm and tourist activities provide employment.

The borehole water on the site is not suitable for domestic or irrigation purposes. The impact of not being able to source water for the activities currently in place will have significant high economic and social impacts.

8. 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
		UNCERTAIN	
If YES, explain:			
Did/does the development impact on any national estate referred to in section 3(2) of the National Heritage Resources Act, 1999?		YES	NO
		UNCERTAIN	
If YES, explain:			
Was any building or structure older than 60 years affected in any way?	YES	NO	UNCERTAIN
If YES, explain:			

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.

9. 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	UNSURE	
An area within 100m of the high water mark of an estuary/lagoon	YES	NO	UNSURE	
An area within the littoral active zone	YES	NO	UNSURE	
An area in the coastal public property	YES	NO	UNSURE	
Major anthropogenic structures	YES	NO	UNSURE	
An area within a Coastal Protection Zone	YES	NO	UNSURE	
An area seaward of the coastal management line	YES	NO	UNSURE	
An area within the high risk zone (20 years)	YES	NO	UNSURE	
An area within the medium risk zone (50 years)	YES	NO	UNSURE	
An area within the low risk zone (100 years)	YES	NO	UNSURE	
An area below the 5m contour	YES	NO	UNSURE	
An area within 1km from the high water mark of the sea	YES	NO	UNSURE	

A rocky beach	YES	NO	UNSURE	
A sandy beach	YES	NO	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).

10. REGIONAL PLANNING CONTEXT

Is the activity permitted in terms of the property's existing land use rights?	YES	NO	Please explain
Agricultural 1 Zoning			
Will the activity be in line with the following?			
Provincial Spatial Development Framework (PSDF)	YES	NO	Please explain
Urban edge / Edge of Built environment for the area	YES	NO	Please explain
Agricultural 1 Zoning outside urban edge			
Integrated Development Plan of the Local Municipality	YES	NO	Please explain
Agricultural 1 Zoning outside urban edge			
Spatial Development Framework of the Local Municipality	YES	NO	Please explain
Agricultural 1 Zoning outside urban edge			
Approved Structure Plan of the Municipality	YES	NO	Please explain
Agricultural 1 Zoning outside urban edge			
An Environmental Management Framework (EMF) adopted by the Department	YES	NO	Please explain
MOSSEL BAY MUNICIPALITY SPATIAL DEVELOPMENT FRAMEWORK / ENVIRONMENTAL MANAGEMENT FRAMEWORK Core 1 areas (CBA 1 and 2) and Agricultural <ul style="list-style-type: none"> • Western Cape Biodiversity Spatial Plan Category: • Protected areas • Critical Biodiversity Area 1 (Terrestrial/ Aquatic) • Critical Biodiversity Area 2 (Degraded) 			
Any other Plans	YES	NO	Please explain

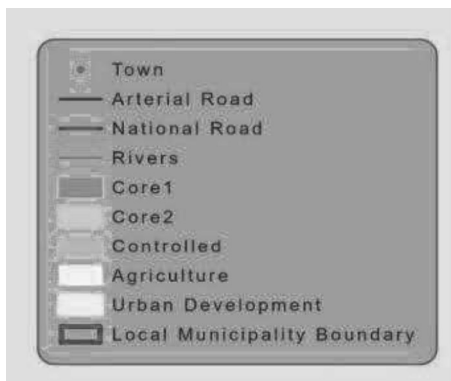
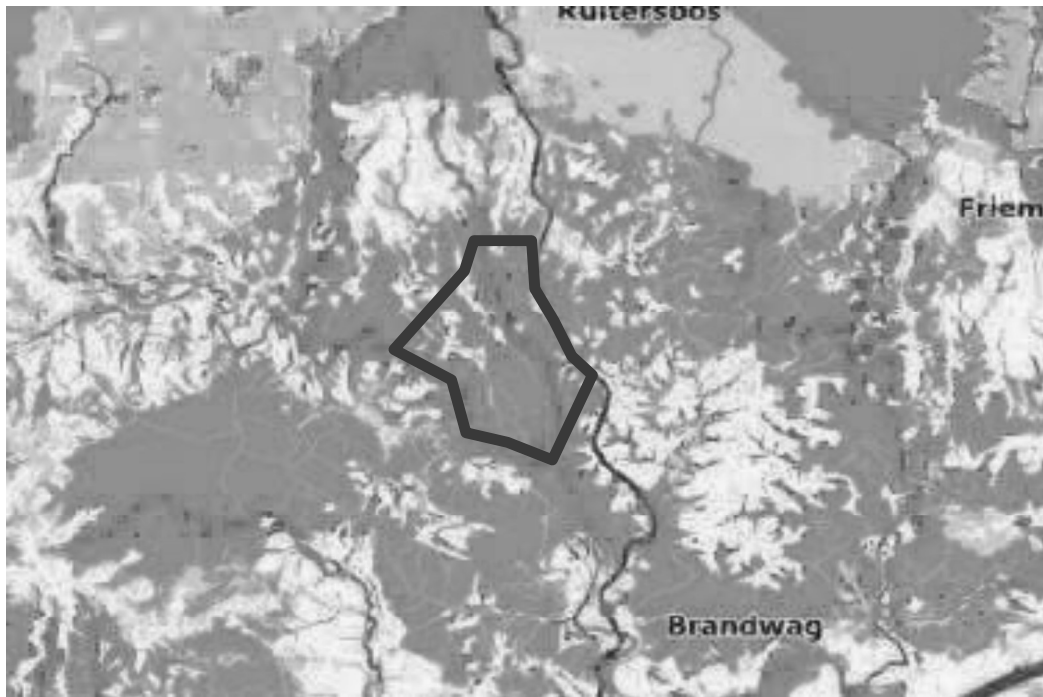


Figure 12: MBM EMF with indication of OGF

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 (<http://www.capegateway.gov.za/eadp>).

1. Was the activity permitted in terms of the property's land use rights at the time of commencement?	YES	NO	Please explain
Agricultural use: zoning			
Refer to Appendix B			

2. Was the activity in line with the following?	YES	NO	Please explain
(a) Provincial Spatial Development Framework (PSDF)			
Key development issues			
<i>The MB SQ 2021 identifies several threats and challenges in the natural, the built- and socio-economic environments – see par 3.5 in Section A. Threats to the bio-diversity of the area, provision of housing opportunities for all income groups within the proper spatial framework and work opportunities for all are some of the key issues that need to be addressed in this SDF.</i>			
Activities on OGF address biodiversity threat (AIS removal), providing housing to staff, and provide work opportunities.			
<i>The biodiversity of the municipal area is endangered in many ways and it has to be a guiding factor in future planning.</i>			

However, conventional methods of ad hoc surveys and preservation of isolated pockets of CBA areas are not the ultimate solution. Other options are being considered to reach a more sustainable way forward for conservation. The Municipality, together with relevant stakeholders, is investigating the possibility of a strategic offset that will prioritise large areas of land for conservation. The WCBSP used a systematic biodiversity planning approach to identify spatial priority areas that meet both national and provincial targets in the most efficient way possible, emphasizing landscape resilience to a changing climate, while trying to avoid conflict with other land-uses. The assessment outputs -- maps of Critical Biodiversity Areas (CBAs) and Ecological Support Areas (ESAs) -- are the primary biodiversity informants for land- and resource-use decision making and forward planning exercises, such as Strategic Environmental Assessments (SEAs), Environmental Management Frameworks (EMFs) and Spatial Development Frameworks (SDFs).

The majority of vegetation mapped in the MBM is CR or EN, with exception of the northern Swellendam silcrete fynbos and North Langeberg Sandstone Fynbos and Canca limestone in the SW section of the MBM.



Figure 13: Indication of CBA mapped in Mossel Bay Municipality(WBCBP, 2024)

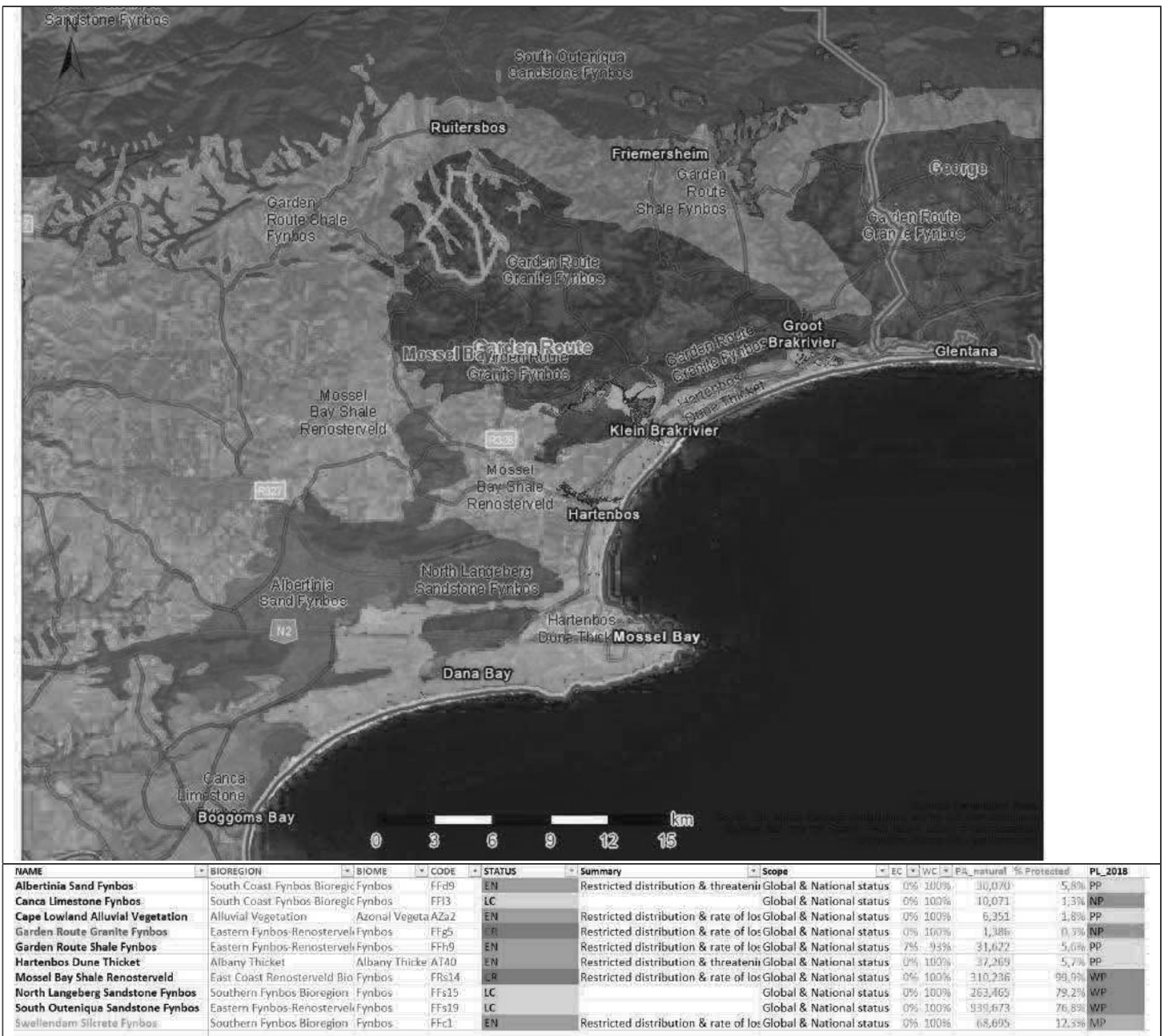


Figure 14: Vegetation types (NatVEG Map, 2019) and Ecosystem Status (2022) of MBM

(b) Urban edge / Edge of Built environment for the area	YES	NO	Please explain
Property is location outside the urban edge and zoned for agricultural use.			
(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
Property is location outside the urban edge and zoned for agricultural use. Majority of activities currently in place occur on past use areas with exception of 3.7 ha. The total development footprint is estimated at 122.5 ha which is 55 ha smaller than past use activities and will be incorporated back into the CBA of the property.			
(d) Approved Structure Plan of the Municipality	YES	NO	Please explain
Property is located outside the urban edge and zoned for agricultural use.			

(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	YES	NO	Please explain
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terms of sustainability considerations?)			
Majority of activities currently in place / proposed occur / are planned on past use areas with exception of 3.7 ha (existing) and the proposed dam. Of the 3.6 ha, approximately 1.6 ha will be rehabilitated (small agricultural area and road)			
The total development footprint (existing and proposed) is estimated at 122.5 ha which is 55 ha smaller than past use activities and will be incorporated back into the CBA of the property. Further more, AIS clearing is already taking place and is recommended to continue as per the EMPr.			
The current proposal is deemed to be acceptable an in line with land planning and conservation targets.			
(f) Any other Plans (e.g. Guide Plan)	YES	NO	Please explain
All relevant legislation, plans and policies have been considered. The current proposal is deemed to be acceptable an in line with land planning and conservation targets.			

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	NO	Please explain
<p>Examples of strategies / actions / focus areas included in the IDP which are relevant to activities on OGF</p> <p>Spatial strategies</p> <p>STRATEGY 1 - Conserve and manage the natural environment in balance with the demands from urban growth and agricultural use.</p> <p>STRATEGY 2 - Secure sufficient water and food for future demands</p> <p>STRATEGY 3 - Facilitate opportunities for utilization of renewable energy</p> <p>STRATEGY 6 - Create a local economic base to provide sustainable employment opportunities</p> <ul style="list-style-type: none"> • Old agricultural areas are used for current agricultural activities • Agricultural areas contribute to food supply. • Dwellings and work opportunities have been created for local people. • Education and awareness is created around mammals through game drive activities. • Water is required to ensure continuation of existing activities. The required capacity based on hydrological requirements has been done. Monitoring devices must be installed at the dam. • Gas and solar panel is used. Buildings have been orientated to reduce unnecessary seasonal energy requirements. • With no further development of intensive agriculture and rehabilitation of unnecessary road and planting of fire protection thicket hedges, and food gardens around dwelling and restaurant area the current activities are considered to be a sustainable use of land. • The landowner encourages the development of proposals by employers (e.g. agricultural activities, predator enclosure) <p>RUITERBOS - Action</p> <p>Job creation by supporting SMME's and current social projects (communal food garden)</p> <ul style="list-style-type: none"> • Old agricultural areas are used for current agricultural activities • Greenhouses in place • Ongoing rehabilitation in AIS areas can result in sustainable harvesting of local products • Landscaping recommended around dwellings a per EMPr <p>Key economic sector - AGRICULTURE, FISHING, GAME FARMING AND FORESTRY</p> <p>Subsistence Farming – recommended around dwellings, restaurant area for staff / restaurant use</p> <p>Rural Development - development of staff dwellings and local employment</p> <p>Utilisation of Arable land; Previous grazing are used for current activities</p> <p>Water Conservation and sustainable practices – rainwater harvesting in place; hydrology study completed; irrigated farming</p>			

area to be expanded by only 20 ha; ongoing AIS is taking place which should increase catchment

CONSTRUCTION AND PROPERTY DEVELOPMENT and balance between water supply infrastructure for agriculture and urban development

Upfront costs are high for developers (Bulk Infrastructure and Capital Contributions) – the landowner has spent a considerable amount of money on existing infrastructures and agricultural activities. Water is required to sustain the operations.

Innovative building methods & alternative energy sources; Combination of solar and gas is used; sewage is managed on site using septic tanks. Water supply is proposed from the new instream dam.

TOURIST ATTRACTIONS AND ACTIVITIES/ ACCOMMODATION/ FOODAND& BEVERAGES

Creation of a niche tourism market. – game farm, archery and SCC activities

Marketing & Awareness Programmes – contributes to awareness of various mammals

More youth entertainment areas - game farm, archery and SCC activities

MOSSEL BAY MUNICIPALITY SPATIAL DEVELOPMENT FRAMEWORK / ENVIRONMENTAL MANAGEMENT FRAMEWORK

Majority of activities currently in place / proposed occur / are planned on past use areas with exception of 3.7 ha (existing) and the proposed dam. Of the 3.6 ha, approximately 1.6 ha will be rehabilitated (small agricultural area and road)

The total development footprint (existing and proposed) is estimated at 122.5 ha which is 55 ha smaller than past use activities and will be incorporated back into the CBA (core 1 area in terms of MBM SDF, 2023) of the property. Furthermore, AIS clearing is already taking place and is recommended to continue as per the EMPr. This entails an additional 200 ha of fynbos (and thicket) vegetation rehabilitated on the site. Sustainable harvesting of honeybush tea and buchu should be considered on the property after 5 years of AIS clearing and rehabilitation to assist to generate and income and assist to cover the AIS management costs. An overall 255 ha will therefore be incorporated back into the CBA / core 1 area in the long term.

The current proposal is deemed to be acceptable an in line with land planning and conservation targets with the EMPr in 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

NO

Please explain

All approvals should have been in place prior to commencement.

Majority of activities currently in place / proposed occur / are planned on past use areas with exception of 3.7 ha (existing) and the proposed dam. Of the 3.6 ha, approximately 1.6 ha will be rehabilitated (small agricultural area and road)

The total development footprint (existing and proposed) is estimated at 122.5 ha which is 55 ha smaller than past use activities and will be incorporated back into the CBA (core 1 area in terms of MBM SDF, 2023) of the property.

The current proposal is deemed to be acceptable an in line with land planning and conservation targets with the EMPr in place.

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

Water is necessary; current quality of borehole water does not meet irrigation and domestic requirements. The hydrology assessment has informed water requirements for activities.

Economic and work opportunities are provided by the activities.

Dwellings provide housing to staff.

Unnecessary roads are required to be rehabilitated.

The existing dam (and identified agricultural area – 0.81 ha) must be rehabilitated as a condition of approval for the new larger dam. Any additional abstraction from the Ruiterbos River must be subject to the formal surrender of existing borehole water use rights on RE/420 and RE/373 to ensure overall compliance with the lawful water allocation.

The current proposal is deemed to be acceptable an in line with national and local land planning and conservation targets with the EMPr in place.

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

YES

NO

Please explain

be attached to the Application Form / additional information as an appendix , where applicable.)			
<p>No municipal services (electricity, water, or sewage) are available on the property.</p> <p>The groundwater (abstraction approval in place) is very brackish and cannot be used for domestic and irrigation purposes. The hydrology assessment has informed water requirements for activities.</p> <p>An existing road (developed in the 1980s) was modified to create a dam in order to provide the operations with the required water supply. The existing dam (and identified agricultural area – 0.81 ha) must be rehabilitated as a condition of approval for the new larger dam. Any additional abstraction from the Ruitersbos River must be subject to the formal surrender of existing borehole water use rights on RE/420 and RE/373 to ensure overall compliance with the lawful water allocation.</p> <p>Sewage is managed at each site using a septic tank.</p> <p>All energy requirements are met through off-grid systems, primarily solar power and gas.</p>			

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
No municipal services are provided to the property.			

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

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	NO	Please explain
Yes – the current proposal managed as per the EMPr with no further intensive agricultural activities fits in with surrounding land uses.			

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 current proposal managed as per the EMPr fits into the natural and cultural environment. Certain low impact activities can be incorporated into the proposal to enhance biodiversity (e.g. Bee keeping)			

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
Positive social impacts are identified as a result of operations			

12. Did/does the proposed activity or the land use associated with the activity applied for, result in unacceptable opportunity costs?	YES	NO	Please explain
No. Positive social impacts are identified as a result of operations			

13. What were the cumulative impacts (positive and negative) of the land use associated with the activity applied for?	YES	NO	Please explain
With regards to literature reviewed, the majority of vegetation types in the MBM are CR or E due to the fact that they are endemic to the area. Grazing has specifically been identified for the decline of the silcrete and granite fynbos in the area, Grazing (past activity) is therefore identified as having a high cumulative impact on the vegetation (in combination with other identified areas within the vegetation type modified for grazing). The amount of modified area is reduced by 55 ha in the current proposal.			

Current land use activities are largely concentrated within previously disturbed areas, with the exception of the proposed dam footprint and new dwellings and some internal roads.

It is recommended that approximately 21 ha of historically disturbed land on Portion 373 and 17.5 ha on Portion 420 be left to regenerate naturally as part of broader ecological restoration efforts.

Alien Invasive Species (AIS) currently affect an estimated 200 ha of the property. Ongoing AIS clearing is being implemented and should continue in conjunction with rehabilitation activities in line with the Environmental Management Programme (EMPr).

Suitable areas for irrigated and dryland agriculture have been identified using a combination of factors, including soil potential, slope gradient, ecological sensitivity, rehabilitation potential, and water availability.

The shift from cattle grazing and quarrying to a more diversified and managed land use approach—including wildlife tourism, crop production—combined with implementation of the EMPr (AIS control, landscaping, rehabilitation, and agricultural management), can reduce further habitat fragmentation and support long-term biodiversity conservation. Restoration of unnecessarily disturbed areas, including the dam site and redundant roads, is encouraged to further improve ecological integrity. If the activities are well managed the impact is considered a low positive cumulative impact for overall land use on the area as 55 ha of previously disturbed area will be retained as natural vegetation and a further 200 ha AIS will be cleared in the long term.

The impact of the instream dam is identified as having a cumulative high negative impact on instream habitat and aquatic biota. To mitigate the dam design must incorporate operational release infrastructure capable of releasing environmental flows, either through a pipe-and-valve outlet system or via a bypass mechanism (e.g., weir and pipeline). A pipe-and-valve outlet system is the preferred and recommended option to allow for controlled and adjustable releases. This system should be used to ensure a continuous low-flow release throughout the year, and temporary increases in flow during and immediately after rainfall or storm events, to simulate natural runoff.

The agricultural area at area 4-16 and associated crossing is identified as having a medium high cumulative impact on the non-perennial drainage line. This area is identified as an area requiring rehabilitation and a proper hydrological flow path (e.g. culvert or low water crossing) should be installed at this road crossing. This road is anticipated to be retained long-term due to its role in accessing recommended agricultural areas 4-15 and 4-17. Addressing this area can result in a positive low cumulative impact on the aquatic ecosystem.

Correct alien invasive management is identified as having a cumulative positive impact of medium significance on the overall functioning of terrestrial and aquatic ecosystems on OGF in the medium term (3 to 10 years).

Exceeding the carrying capacity of the area is identified as a cumulative negative impact of medium to high significance. The stocking rates and the browser: grazer ratio relative to carrying capacity, as well as the selected game are recommended to be reassessed and managed within the carrying capacity of the area. Consider removal of extra-limital selective grazers (zebra, waterbuck). Managing within the carrying capacity can result in a positive low cumulative impact.

The use of fertilizers and pesticides is identified as a cumulative negative impact associated with agricultural activities. Careful management (and integration of resources available on the property as part of operations) should reduce this to a low impact.

All energy requirements are met through off-grid systems, primarily solar power and gas and therefore cumulative impacts on non renewable fossil fuels are reduced.

14. Is/was the development the best practicable environmental option for this land/site?	YES	NO	Please explain

The landowner needs to manage the property in such a way that it provides a sustainable source of income. There are a number of activities occurring on the property,

Dwellings should preferably have been located in a lower fire risk area, however, measures can be implemented to increase fire protection to these areas which also have associated environmental benefits (removal of surrounding AIS, indigenous thicket hedges, small scale food gardens which will increase biodiversity).

The game farm, managed within the carrying capacity and with no extra-limital species, is considered to be a sustainable option with many environmental benefits for the area.

Some roads have been unnecessarily developed due to poor planning. Identified roads must be rehabilitated and the necessary roads selected for operations and game drives must be maintained and equipped with any erosion and stormwater management measures as necessary.

A reliable source of supply of water will be required to ensure sustainability of the current operations. The hydrology study provides the availability of the surface water in the area and an indication of the amount that can be provided to the operations without causing high significant impacts on the functioning of this river ecosystem. All operations and proposals must remain within this amount. Similarly, the agricultural potential of the soil types has been done which has informed the recommended agricultural areas in combination with the terrestrial biodiversity and vegetation assessments.

The impact of the instream dam is identified as having a cumulative high negative impact on instream habitat and aquatic biota. To mitigate the dam design must incorporate operational release infrastructure capable of releasing environmental flows, either through a pipe-and-valve outlet system or via a bypass mechanism (e.g., weir and pipeline). A pipe-and-valve outlet system is preferred and recommend to allow for controlled and adjustable releases. This system should be used to ensure a continuous low-flow release throughout the year, and temporary increases in flow during and immediately after rainfall or storm events, to simulate natural runoff.

The agricultural area at area 4-16 and associated crossing is identified as having a medium high cumulative impact on the non-perennial drainage line. This area is identified as an area requiring rehabilitation and a proper hydrological flow path (e.g. culvert or low water crossing) should be installed at this road crossing. The existing dam (and identified agricultural area – 0.81 ha) must be rehabilitated as a condition of approval for the new larger dam. Any additional abstraction from the Ruiterbos River must be subject to the formal surrender of existing borehole water use rights on RE/420 and RE/373 to ensure overall compliance with the lawful water allocation.

The amount of modified area is reduced by 55 ha in the current proposal. The natural vegetation on the site can be enhanced with the enforcement of the measures proposed in the EMPr. Further intensive agriculture is not recommended for the property due to insufficient water supply for further expansion and low suitability of the soils in the area. The carrying capacity of the area based on prevailing conditions must be considered and managed accordingly. The EAP recommends to continue to diversify economic activities on the property and recommends business proposals that are economically viable, and which can rehabilitate and enhance the biodiversity of the land (e.g. low water use crops such as olive, beekeeping, organic poultry farming, education activities surrounding the game animals and alien clearing and rehabilitation, sustainable harvesting of buchu and honeybush (within 5 years).

15. What are/were the benefits to society in general and to the local communities?	Please explain
Staff dwellings	
Employment creation	
Food production (commercial) and income generation	
Food production (subsistence)	
Environmental awareness - importance of mammals including threatened and vulnerable species	
Cultural awareness – archery activities	
Entertainment venue and income generation	
Enhancement of tourist activity in area due to provision of facilities located in close proximity to the coastal towns	

16. Any other need and desirability considerations related to the activity?	Please explain
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A reliable source of supply of water will be required to ensure sustainability of the current operations.

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

The following approvals are required:

- Environmental Authorisation in terms of National Environmental Management Act (Act 107 of 1998) for listed activities included in this S24 G application
- Water use license in term of the National Water Act (act 36 of 1998) (all water uses must be included in application – DWS to advise)
- Soil permit APPLICATION TO CULTIVATE VIRGIN SOIL (Regulation 2) in terms of CONSERVATION OF AGRICULTURAL RESOURCES ACT, 1983 (ACT 43 OF 1983) (rectification and proposed)
- Permits for disturbance / removal of any protected trees in terms of the National Forestry Act
- Permits for removal of any protected fauna or flora species in terms of the national Environmental Management: Biodiversity Act
- Permits for removal of any species as identified in the Provincial Nature Conservation Ordinance
- Certificate of Adequate Enclosure issued by Cape Nature Conservation. Approved for the breeding, selling of wildlife species as per approved Outeniqua Game Farm Management Plan and Addendums. In place
- National Veld and Forest Fire Act (Act 101 Of 1998) - Development of fire management practices to prevent and combat fires and legal duty and responsibility to ensure that veld fires do not break out on their property, and to take preventative measures to minimize the risk of fires spreading. Due to the fire risk inherent for any fire driven ecosystem (fynbos), it is important that this application be reviewed by the Southern Cape Fire Protection Association (SCFPA) so they can provide comments on management recommendations. It is noted that OGF is a member of the SCFPA. It is important to retain this membership. Assistance with controlled fire blocks on the property is important for the fire-driven ecosystem.

Activities relating to these approvals are described and assessed.

Refer to Appendix M

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

Principles:

(1) The principles set out in this section apply throughout the Republic to the actions of all organs of state that may significantly affect the environment and-

(a) shall apply alongside all other appropriate and relevant considerations, including the State's responsibility to respect, protect, promote and fulfil the social and economic rights in Chapter 2 of the Constitution and in particular the basic needs of categories of persons disadvantaged by unfair discrimination;

(b) serve as the general framework within which environmental management and implementation plans must be formulated;

(c) serve as guidelines by reference to which any organ of state must exercise any function when taking any decision in terms of this Act or any statutory provision concerning the protection of the environment;

(d) serve as principles by reference to which a conciliator appointed under this Act must make recommendations; and

(e) guide the interpretation, administration and implementation of this Act, and any other law concerned with the protection or management of the environment.

Required approvals from relevant authority is provided

(2) Environmental management must place people and their needs at the forefront of its concern, and serve their physical, psychological, developmental, cultural and social interests equitably.

Social impacts are addressed. Public participation

(3) Development must be socially, environmentally and economically sustainable.

Social, environmental and economic aspects have been addressed

(4)

(a) Sustainable development requires the consideration of all relevant factors including the following:

(i) That the disturbance of ecosystems and loss of biological diversity are avoided, or, where they cannot be altogether avoided, are minimised and remedied;

Terrestrial and aquatic ecosystems are considered

ii) that pollution and degradation of the environment are avoided, or, where they cannot be altogether avoided, are minimised and remedied;

Impacts have been identified and mitigation measures are provided

(iii) that the disturbance of landscapes and sites that constitute the nation's cultural heritage is avoided, or where it cannot be altogether avoided, is minimised and remedied;	Terrestrial and aquatic ecosystems are considered
(iv) that waste is avoided, or where it cannot be altogether avoided, minimised and re-used or recycled where possible and otherwise disposed of in a responsible manner;	Impacts have been identified and mitigation measures are provided
(v) that the use and exploitation of non-renewable natural resources is responsible and equitable, and takes into account the consequences of the depletion of the resource;	Overview of energy use is provided; overview of soil conditions and mitigation measures provided.
(vi) that the development, use and exploitation of renewable resources and the ecosystems of which they are part do not exceed the level beyond which their integrity is jeopardised;	Overview of hydrology, aquatic and terrestrial ecosystems provided and mitigation measures provided.
(vii) that a risk-averse and cautious approach is applied, which takes into account the limits of current knowledge about the consequences of decisions and actions; and	Relevant information has been provided to inform decision making
(viii) that negative impacts on the environment and on people's environmental rights be anticipated and prevented, and where they cannot be altogether prevented, are minimised and remedied	Impact assessment and mitigation measures provided
(b) Environmental management must be integrated, acknowledging that all elements of the environment are linked and interrelated, and it must take into account the effects of decisions on all aspects of the environment and all people in the environment by pursuing the selection of the best practicable environmental option.	EMPr is provided; best practices are encouraged.
(c) Environmental justice must be pursued so that adverse environmental impacts shall not be distributed in such a manner as to unfairly discriminate against any person, particularly vulnerable and disadvantaged persons	Not identified
(d) Equitable access to environmental resources, benefits and services to meet basic human needs and ensure human well-being must be pursued and special measures may be taken to ensure access thereto by categories of persons disadvantaged by unfair discrimination.	Hydrology assessment carried out; approval from DWS required for water uses. Not identified
(e) Responsibility for the environmental health and safety consequences of a policy, programme, project, product, process, service or activity exists throughout its life cycle.	Indication of competent authorities provided; EMPr provided with indication of responsibility.
(f) The participation of all interested and affected parties in environmental governance must be promoted, and all people must have the opportunity to develop the understanding, skills and capacity necessary for achieving equitable and effective participation, and participation by vulnerable and disadvantaged persons must be ensured.	Public participation in terms of Section 41 of the NEMA EIA regulations is being carried out
(g) Decisions must take into account the interests, needs and values of all interested and affected parties, and this includes recognising all forms of knowledge, including traditional and ordinary knowledge.	And overview of past and current activities provided and all information provided has been considered.
(h) Community wellbeing and empowerment must be promoted through environmental education, the raising of environmental awareness, the sharing of knowledge and experience and other appropriate means.	Environmental awareness and education is noted and addressed
(i) The social, economic and environmental impacts of activities, including disadvantages and benefits, must be considered, assessed and evaluated, and decisions must be appropriate in the light of such consideration and assessment.	Social, environmental and economic impacts have been considered
(j) The right of workers to refuse work that is harmful to human health or the environment and to be informed of dangers must be respected and protected.	An EMPr is provided and includes education and awareness to the public, managers and employees
(k) Decisions must be taken in an open and transparent manner, and access to information must be provided in accordance with the law.	Public participation in terms of Section 41 of the NEMA EIA regulations is being carried out
(l) There must be intergovernmental co-ordination and harmonisation of policies, legislation and actions relating to the environment.	Indication of relevant approval and competent authorities provided;
(m) Actual or potential conflicts of interest between organs of state should be resolved through conflict resolution procedures.	
(n) Global and international responsibilities relating to the environment must be discharged in the national interest.	

(o) The environment is held in public trust for the people, the beneficial use of environmental resources must serve the public interest and the environment must be protected as the people's common heritage.	Recommendations for sustainable use of the land provided in EMPr
(p) The costs of remedying pollution, environmental degradation and consequent adverse health effects and of preventing, controlling or minimising further pollution, environmental damage or adverse health effects must be paid for by those responsible for harming the environment.	Recommendations for sustainable use of the land provided in EMPr; alien invasive trees are problematic and therefore no single person can be identified for invasion across the country. Removal of alien trees is costly; Ongoing AIS has been taking place by the landowner. Measures are provided to guide alien clearing; sustainable harvesting is provided as an option once rehabilitation is in place to cover the costs of removing alien trees. Measures to rehabilitate eroded areas are provided; measures to ensure fire risk is minimised is provided. A hydrology study has been done to determine water availability and to inform a dam design that will allow water only to be captured during high rainfall events thereby provided the required water for the farming operations without impacting any downstream users. The final dam design is recommended to allow natural flows to continue during drier conditions. A soil assessment was carried out to identify suitable agricultural soils. A terrestrial biodiversity assessment assisted in identifying suitable working areas and areas and area which must not be developed further.
(q) The vital role of women and youth in environmental management and development must be recognised and their full participation therein must be promoted.	Noted
(r) 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	This has been addressed; EMPr is provided to maintain sensitive environments identified.

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 (<http://www.capegateway.gov.za/eadp>).

"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:

OGF Portions 373 (789 ha) and 420 (489ha) are the only farms available for the proposed activities.

(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:

Initial proposed – expansion of existing crop area on ptn 373 (60ha) by more than 200 ha

Current and preferred – identification of suitable areas following soil, hydrology and terrestrial biodiversity assessment and identified a further 20 ha for crop area

Borehole water in use is brackish and unsuitable – instream dam for surface water use is proposed and assessed

(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:

Current and preferred – identification of suitable areas following soil, hydrology and terrestrial biodiversity assessment and identified a further 20 ha for crop area

(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 municipal services (electricity, water, or sewage) are available on the property. As such, all energy requirements are met through off-grid systems, primarily solar power and gas.

(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:

AIS management and accompanying rehabilitation is provided in EMPr

The agricultural area at area 4-16 and associated crossing is identified as having a medium high cumulative impact on the non-perennial drainage line. This area is identified as an area requiring rehabilitation and a proper hydrological flow path (e.g. culvert or low water crossing) should be installed at this road crossing. The existing dam (and identified 4-16 agricultural area – 0.81 ha) must be rehabilitated as a condition of approval for the new larger dam. Any additional abstraction from the Ruiterbos River must be subject to the formal surrender of existing borehole water use rights on RE/420 and RE/373 to ensure overall compliance with the lawful water allocation.
Unnecessary roads to be rehabilitated
The final design of dam to consider ecological water requirements and incorporate release flow infrastructure, either through a pipe-and-valve outlet system or via a bypass mechanism (e.g., weir and pipeline),
No further crop farming other than additional 20 ha recommended for properties based on hydrological, terrestrial biodiversity and soil assessment. AIS clearing and rehabilitation as per plants provided in EMPr is recommended; sustainable harvesting of buchu and honeybush tea as per EMPr is provided as low impact alternative to pastures and crop farming. No cultivars of these are recommended.
Manage game farm as per recommended grazer: browser ratio and within carrying capacity of area
Incorporate bee farming, organic poultry farming and consider lower water requirement crops such as olives (in comparison to maize and olives)

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

The activity is not recommended to be ceased. The current proposal is recommended to be authorised and the accompanying EMPr is recommended to be approved and implemented.
The agricultural area at area 4-16 and associated crossing is identified as having a medium high cumulative impact on the non-perennial drainage line. This area is identified as an area requiring rehabilitation and a proper hydrological flow path (e.g. culvert or low water crossing) should be installed at this road crossing. The existing dam (and identified 4-16 agricultural area – 0.81 ha) must be rehabilitated as a condition of approval for the new larger dam. Any additional abstraction from the Ruiterbos River must be subject to the formal surrender of existing borehole water use rights on RE/420 and RE/373 to ensure overall compliance with the lawful water allocation.

(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:

AIS management and accompanying rehabilitation is provided in EMPr
The agricultural area at area 4-16 and associated crossing is identified as having a medium high cumulative impact on the non-perennial drainage line. This area is identified as an area requiring rehabilitation and a proper hydrological flow path (e.g. culvert or low water crossing) should be installed at this road crossing. The existing dam (and identified 4-16 agricultural area – 0.81 ha) must be rehabilitated as a condition of approval for the new larger dam. Any additional abstraction from the Ruiterbos River must be subject to the formal surrender of existing borehole water use rights on RE/420 and RE/373 to ensure overall compliance with the lawful water allocation.
Unnecessary roads to be rehabilitated
The final design of dam to consider ecological water requirements and incorporate release flow infrastructure, either through a pipe-and-valve outlet system or via a bypass mechanism (e.g., weir and pipeline),
No further crop farming other than additional 20 ha recommended for properties based on hydrological, terrestrial biodiversity and soil assessment. AIS clearing and rehabilitation with the plants provided in EMPr is recommended; sustainable harvesting of buchu (<i>Agathosma recurvifolia</i>) and honeybush tea (<i>Cyclopia subternata</i>) as per EMPr is provided as low impact alternative to pastures and crop farming. No cultivars of these are recommended.
Manage game farm as per recommended grazer: browser ratio and within carrying capacity of area
Incorporate bee farming and consider lower water requirement crops such as olives (in comparison to maize and olives)

(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.

AIS management and accompanying rehabilitation is provided in EMPr
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The agricultural area at area 4-16 and associated crossing is identified as having a medium high cumulative impact on the non-perennial drainage line. This area is identified as an area requiring rehabilitation and a proper hydrological flow path (e.g. culvert or low water crossing) should be installed at this road crossing. The existing dam (and identified 4-16 agricultural area – 0.81 ha) must be rehabilitated as a condition of approval for the new larger dam. Any additional abstraction from the Ruiterbos River must be subject to the formal surrender of existing borehole water use rights on RE/420 and RE/373 to ensure overall compliance with the lawful water allocation.
Unnecessary roads to be rehabilitated
The final design of dam to consider ecological water requirements and incorporate release flow infrastructure, either through a pipe-and-valve outlet system or via a bypass mechanism (e.g., weir and pipeline),
No further crop farming other than additional 20 ha recommended for properties based on hydrological, terrestrial biodiversity and soil assessment. AIS clearing and rehabilitation as per plants provided in EMPr is recommended; sustainable harvesting of buchu and honeybush tea as per EMPr is provided as low impact alternative to pastures and crop farming. No cultivars of these are recommended.
Manage game farm as per recommended grazer: browser ratio and within carrying capacity of area
Incorporate bee farming and consider lower water requirement crops such as olives (in comparison to maize and olives)

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:

Refer to Appendix M – Impact assessment

(b) Biological aspects:

Has the development impacted on critical biodiversity areas (CBAs) or ecological support areas (ESAs)?	YES	NO
If yes, please describe:		
Refer to Appendix M – Impact assessment		
Has the development impacted on terrestrial vegetation, or aquatic ecosystems (wetlands, estuaries or the coastline)?	YES	NO
If yes, please describe:		
Refer to Appendix M – Impact assessment		
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	NO
If yes, please describe:		
Refer to Appendix M – Impact assessment		
Please describe the manner in which any other biological aspects were impacted:		

Refer to Appendix M – Impact assessment

(c) Socio-Economic aspects:

What was the capital value of the activity on completion?	R 25 Mil est
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?	YES NO
How many new employment opportunities were/will be created in the construction phase of the activity?	Estimated 10
What was the value of the employment opportunities during the construction phase?	R unknown
What percentage of this accrued to previously disadvantaged individuals?	%
How was this ensured and monitored (please explain):	
How many permanent new employment opportunities were/will be created during the operational phase of the activity?	Estimated 20
What is the current/expected value of the employment opportunities during the first 10 years?	R unknown
What percentage of this accrued/will accrue to previously disadvantaged individuals?	%
How was/will this be ensured and monitored (please explain):	
Any other information related to the manner in which the socio-economic aspects was/will be impacted:	

(d) Cultural and historic aspects:

Screening tool report shows a low sensitivity for archaeology, heritage and paleontology for Farms RE/420 and 373.

2. WASTE AND EMISSIONS

(a) Waste (including effluent) management

Did the activity produce waste (including rubble) during the construction phase?	YES	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	
Building Rubble and construction waste Refer to Waste management in EMPr – Appendix I		

Does the activity produce waste during its operational phase?	YES	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	
AIS clearing		
Food scraps		
General waste streams – plastics, papers, tins, glass		
Hazardous waste – batteries, electrical		
Sewage waste - septic tank systems		
Refer to Waste management in EMPr – Appendix I		

Where and how was/will the waste be treated / disposed of (describe)?		
<p>Due to the absence of municipal sewage and waste removal services, the property is reliant on on-site waste management systems. Current systems include:</p> <ul style="list-style-type: none"> - Septic tanks or French drains for domestic wastewater. - Restaurant wastewater is treated using grease traps and septic tanks. - General waste is taken to registered landfill site - Some burning of AIS <p>Refer to Waste management in EMPr – Appendix I</p>		
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
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
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:	YES	NO
Does the facility have an operating license? (If yes, please attach a copy of the license.)	YES	NO
Facility name:		
Contact person:		
Postal address:		
	Postal code:	
Telephone:	Cell:	
E-mail:	Fax:	

Describe the measures that were/will be taken to reduce, reuse or recycle waste:		
<p>Due to the absence of municipal sewage and waste removal services, the property is reliant on on-site waste management systems. Current systems include:</p> <ul style="list-style-type: none"> - Septic tanks or French drains for domestic wastewater. - Restaurant wastewater is treated using grease traps and septic tanks. - General waste is taken to registered landfill site - Some burning of AIS <p>Refer to Waste management in EMPr – Appendix I</p>		

(b) Emissions into the atmosphere

Does/will the activity produce emissions that will be disposed of into the atmosphere?	YES	NO
If yes, does it require approval in terms of relevant legislation?	YES	NO
Describe the emissions in terms of type and concentration and how it is/will be treated/mitigated:		
Dust is generated from roads and bare agricultural areas.		
Refer to Appendix I - EMPr.		

3. WATER USE

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

Municipal	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:	m ³
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Authorised abstraction of 80 000 m3 from the Palmiet River; groundwater abstraction of 117 819 m3

Authorised abstraction of 80 000 m3 from the Ruitersbos River; groundwater abstraction of 73 425 m3

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?	<table border="1"> <tr> <td>YES</td> <td>NO</td> </tr> </table>	YES	NO
YES	NO		
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.			
Refer to Appendix F – Permits and licenses			
Describe the measures that were/ will be taken to reduce water demand, and measures to reuse or recycle water:			
A dam is required for required water use. The concept design is for a maximum capacity of 150 0000m ³ . It is requested that the Existing GA for abstraction of water from Ruiterbos and the groundwater abstraction be replaced by the new water use.			
Existing dammed area on Ruiterbos and agricultural area 4-16 to be rehabilitated.			
BGCMA officials have been to site and will be sent a copy of this draft application and accompanying appendices for comment and review.			

4. POWER SUPPLY

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

Solar panels are used.
Generators / machinery using diesel is used.
Gas is used for cooking.

If power supply is not available, where will power be sourced from?
Solar panels are used.
Generators / machinery using diesel is used.
Gas is used for cooking.

5. ENERGY EFFICIENCY

Describe the design measures, if any, that have been taken to ensure that the activity is energy efficient:
No municipal services (electricity, water, or sewage) are available on the property. As such, all energy requirements are met through off-grid systems, primarily solar power and gas. Solar installations provide electricity for dwellings, agricultural activities, restaurant facilities, and water pumping infrastructure. The use of renewable energy aligns with sustainable land use practices and reduces long-term operational costs.

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

No municipal services (electricity, water, or sewage) are available on the property. As such, all energy requirements are met through off-grid systems, primarily solar power and gas. Solar installations provide electricity for dwellings, agricultural activities, restaurant facilities, and water pumping infrastructure. The use of renewable energy aligns with sustainable land use practices and reduces long-term operational costs.



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

Refer to Appendix M – Assessment Report

Refer to Table 4

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.**

Impacts on geographical and physical 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)	

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)	

Impacts on socio-economic 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)	

Impacts on cultural-historical 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)	

Noise impacts:	
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)	

Visual impacts / Sense of Place:	
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)	

(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:	
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)	

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)	

Impacts on the socio-economic 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)	

Impacts on the cultural-historical 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)	

Noise impacts:	
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)	

Visual impacts / Sense of Place:	
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)	

- (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.

Potential impacts on the geographical and physical 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 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:	
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 cultural-historical 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 noise impacts:	
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 visual impacts:	
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)	

(d) Any other impacts:

Potential impact:	
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)	

Please note: If any of the above information is not available, specialist input may be requested.

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 (<http://www.capegateway.gov.za/eadp>). A summary of all the specialist inputs/studies must be provided with the additional information.

Specialist inputs/studies and recommendations:

Rehabilitation around dwellings
 Rehabilitation of unnecessary roads
 Identified old grazing lands recommended for further agricultural use
 Identified old grazing lands recommended for no further agricultural use
 Identified in use agricultural area 4-16 requiring rehabilitation
 Identifiable suitable medium to high potential agricultural soils
 Removal of existing dam in Ruitersbos river and rehabilitation
 Develop and implement fire management plan
 Ongoing alien invasive clearing with passive and active rehabilitation
 A comprehensive water balance must be developed, integrating inflows (from hydrological modelling), irrigation needs, and environmental flow releases. The dam must not be designed to store volumes exceeding the actual water demand. The dam design must incorporate operational release infrastructure capable of releasing environmental flows, either through a pipe-and-valve outlet system or via a bypass mechanism (e.g., weir and pipeline), in accordance with the outcomes of the EWR
 Any additional abstraction from the Ruitersbos River must be subject to the formal surrender of existing borehole water use rights on RE/420 and RE/373 to ensure overall compliance with the lawful water allocation.
 An aquatic biomonitoring programme, including at minimum SASS and IHI (Index of Habitat Integrity) assessments, must

be implemented.

Refer to specialist assessments – Appendix H

Refer to Impact Assessment – Appendix M

Refer to EMPr – Appendix I



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NEMA SECTION 24G APPLICATION FORM

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.

Refer to Appendix M – Assessment Report

Impacts	Significance rating of impacts after mitigation (Low, Medium, Medium-High, High, Very High):
Refer to Table 4 below	

Table 4: Summary of impact assessment

Economic impact - Planning Phase

Aspect	Impact	Summary	Mitigation	Impact rating and Significance without Mitigation	Impact rating and Significance with mitigation
Environmental Authorisation and accompanying management plans Water use license and accompanying conditions Soil permit and accompanying measures	Economic loss and project delays	Commencing without required approvals leads to unnecessary economic costs due to delays in approvals for existing and proposed activities. Water use lice	Apply for environmental authorisation, soil permit and water use license with all required studies and management plan and put in place all conditions of permits / licenses.	Negative High	Negative medium

Terrestrial biodiversity (including flora and fauna) - Past Activities

Aspect	Impact	Summary	Mitigation	Impact rating and Significance without Mitigation	Impact rating and Significance with mitigation
Past agricultural activities (pre 2005) (Area 4-1-15 and 17; Area 5)	Habitat Loss and Fragmentation and loss of SCC	Historical vegetation on the property is (CR) Garden Route Granite Fynbos, (EN) Swellendam Silcrete Fynbos. Historical agricultural activities (dryland cattle grazing) have modified identified areas on the property (little natural vegetation remaining, soil disturbance and AIS). Previously disturbed areas on the site show signs of fynbos regeneration and these areas are not recommended for further agricultural expansion / disturbance (22.98 ha).	Ongoing removal of the AIS using a combination of fire, clearing and biological measures as per the recommended fire management and AIS management measures	Negative medium high	Positive Low

Terrestrial biodiversity (including flora and fauna) - Construction phase - existing activities

Aspect	Impact	Summary	Mitigation	Impact rating and Significance without Mitigation	Impact rating and Significance with mitigation
Clearing of vegetation for roads, dwellings (Areas 1, 2, 3)	Habitat Loss and Fragmentation	Intact fynbos / thicket with some AIS in dwelling areas; roads along watercourses heavily infested with AIS	Not possible – activity has already occurred. Put in place operational EMP.	Negative High	NA
Clearing of vegetation for roads, dwellings (Areas 1, 2, 3)	Loss of indigenous vegetation and SCC	A search and rescue of flora and fauna could have occurred. Rescued plants could have been used for landscaping / revegetation. Unnecessary harm to fauna (particularly reptiles and burrowing mammals) could have been prevented.	Not possible – activity has already occurred (put in place for future construction activities). Put in place operational EMP	Negative Medium High	Cannot be mitigated
Clearing of vegetation for	Habitat Loss and	These activities were	Operational management must	Negative Low	Cannot be mitigated

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Aspect	Impact	Summary	Mitigation	Impact rating and Significance without Mitigation	Impact rating and Significance with mitigation
agricultural activities, enclosures and restaurant facility and supporting structures (reservoirs, solar, roads) (Area 4-15, 17, 9, 10,3; Area 5)	Fragmentation	developed on old agricultural lands. No further habitat fragmentation deemed to occur as a result of these activities.	take place as per the operational mitigation measures.		
Clearing of vegetation for agricultural activities, enclosures and restaurant facility and supporting structures (reservoirs, solar, roads) (Area 4-15, 17, 9, 10,3; Area 5)	Loss of indigenous vegetation and SCC	Clearing of vegetation took place. The probability of loss of SCC, based on the current and previous vegetation assessments of this occurring on these areas is considered to be low as these areas had already been transformed upon purchasing o the land by OGF	Operational management must take place as per the operational mitigation measures.	Negative Low	Cannot be mitigated
Clearing of vegetation for agricultural activities at area 4-16 and associated crossing and dam area	Disruption of ecosystem services	Clearing of vegetation took place in a thicket area which was likely disturbed by AIS. This area is mapped as a NFEPA wetland. (Eastern Fynbos-Renosterveld Granite Fynbos_Channelled valley-bottom wetland).	This area (0.89ha) is recommended to be rehabilitated with thicket / riverine/ wetland vegetation. Modify dammed area to allow for drainage. Culvert recommended at crossing.	Negative Medium	Positive low

Terrestrial biodiversity (including flora and fauna) - Proposed and existing activities - Construction and operations -

Aspect	Impact	Summary	Mitigation	Impact rating and Significance without Mitigation	Impact rating and Significance with mitigation
Construction of proposed dam – 150 000 m3 capacity	Loss of Riparian and Thicket Habitat and SCC	Plants, invertebrates, fish, and other organisms that rely on specific riverine conditions may be adversely affected or displaced	Avoid protected trees Construct during dry season One access road - not the Jeep track between Areas 2 / 3 along the Ruiterbos River. Rehabilitated and stabilise areas as required	Negative Medium High	Negative Medium
Construction and operations - Agricultural activities enclosures	Loss of fynbos / thicket vegetation / disruption to	Agricultural activities recommended on area 4-17	No further expansion / development without further	Negative Medium High	Negative Low

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Aspect	Impact	Summary	Mitigation	Impact rating and Significance without Mitigation	Impact rating and Significance with mitigation
	fauna	and Area 4-13 (2.58 ha). Area 5-4 is acceptable site for the predator enclosure - may not exceed 10.4 ha previously disturbed footprint. Area 5 1&2 is considered acceptable for the 1ha elephant enclosure.	assessment and approval. Put in place measures in EMPr.		
Roads and tracks	Habitat Loss and Fragmentation and unnecessary loss of SCC	Creation of unnecessary roads and tracks leading to unnecessary loss of vegetation and habitat loss and fragmentation	Put in place EMPr mitigation measures.	Negative Medium High	Negative Low
Dwellings, facilities and structures	Habitat Loss, SCC Loss and Fragmentation	negative edge effects	Put in place EMPr mitigation measures.	Negative Medium	Negative Low
Game farming and stock farming	Exceeding carrying capacity	The carrying capacity of ptn 420 - ~33 and 55 LSU; the existing LSU is 92 LSU. The carrying capacity of ptn 373 - ~60 and 104 LSU; existing LSU (107) is considered to be at maximum land capacity.	Reassess stocking rates and the browser: grazer ratio relative to carrying capacity Recommended ratio: Browsers: 40–60% Browsers Grazers: 30–50% Mixed Feeders 10–20% AIS, fire management and rehabilitation measures to be implemented	Negative medium high	Negative / Positive low

Alien Invasive Species (AIS) Management - Construction and operations

Aspect	Impact	Summary	Mitigation	Impact rating and Significance without Mitigation	Impact rating and Significance with mitigation
Construction activities	introduction of AIS on disturbed construction areas	Construction activities can lead to introduction of AIS	Prevent introduction of new AIS. Put in place EMPr AIS mitigation and rehabilitation measures.	Negative Medium	Negative Low
Operations	Increase in AIS / displacement indigenous vegetation	Poor management can lead to disruption to ecosystem services /	Put in place EMPr AIS mitigation and rehabilitation measures.	Negative Medium	Negligible
Operations	beneficial for terrestrial and	correct management can be	Put in place EMPr AIS	Negative Medium	Positive Medium

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Aspect	Impact	Summary	Mitigation	Impact rating and Significance without Mitigation	Impact rating and Significance with mitigation
	aquatic ecosystems	beneficial	mitigation, fire management and rehabilitation measures.		

Fire Management - Construction and operations

Aspect	Impact	Summary	Mitigation	Impact rating and Significance without Mitigation	Impact rating and Significance with mitigation
Fire regimes and planning	Fire risk and hazard	Fire risk areas	Firebreaks; management of AIS; member of the SCFPA; controlled burns; Fire-proof hedges Recommended burning frequency: 10 – 15 years for area	Negative Medium High	Negative Low
Fire regimes and planning	Fire driven ecosystem	Correct hot fires at correct timing and intervals, combined with ongoing AIS and rehabilitation should result in a long-term positive impact	As above	Negative Medium High	Positive medium

Aquatic ecosystem and biodiversity – existing activities – construction and operations

Aspect	Impact	Summary	Mitigation	Impact rating and Significance without Mitigation	Impact rating and Significance with mitigation
Construction within watercourses – road crossings between area 2 and 3	Disturbance of bed and banks caused by construction of road along the Ruiterbos River	none of the crossings that were assessed have resulted in any impedance of flow and have not resulted in any erosion of the bank.	Entry/exit points at each crossing must be restricted to a single track. Road crossings must be routinely inspected. protected in an appropriate manner	Negative Low	Negligible
Gabion road structure crossing the Ruiterbos River / existing OGF1 dam	Impedence of flow	created a small instream dam, allowing the landowner to abstract water from the river	The existing dam must be rehabilitated as a condition of approval for the new larger dam (see Rehabilitation Plan).	Negative Medium High	Negligible
Construction within watercourses – existing OGF1 dam	Impact of OGF1 dam on river habitat	converting habitat from a natural lotic (flowing) system	The existing dam must be rehabilitated as a condition of	Negligible	Negligible

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Aspect	Impact	Summary	Mitigation	Impact rating and Significance without Mitigation	Impact rating and Significance with mitigation
		to a lentic (stagnant) system. This represents a very small section of habitat relative to the length of the entire river reach	approval for the new larger dam (see Rehabilitation Plan).		
Construction within watercourses – existing OGF1 dam	dumping excavated sediment in the Ruiterbos River	Excavated sediment dumped in the watercourse has smothered aquatic habitat. Future flood flows could potentially be diverted into the opposite bank (causing erosion of the bank)	sediment must be removed from the watercourse (see Rehabilitation Plan).	Negative Low	Negligible
Current agricultural activities at area 4-16 and associated crossing and dam area	Disruption of ecosystem services	Area and falls within drainage line and associated NFEPA valley bottom wetland	A proper hydrological flow path (e.g. culvert or low-water crossing) must be installed at the road crossing.	Negative Medium High	Positive Low

Aquatic ecosystem and biodiversity – proposed activities – construction and operations

Aspect	Impact	Summary	Mitigation	Impact rating and Significance without Mitigation	Impact rating and Significance with mitigation
Construction new instream dam - construction activities	Disturbance and pollution of aquatic habitat	Disturbance, pollution, sediment mobilisation	As per EMPR	Negative medium	Negative low
New instream dam	reduced instream flows on instream habitat and aquatic biota	Disruption of flow conditions	Operational release mechanisms must be incorporated into the dam design to accommodate the required EWR. Measures in EMPR to be implemented.	Negative High	Negative medium high
New instream dam	Inundation of river habitat	The extent of inundation represents a small percentage of the entire length of the river and the spatial extent the impact is therefore very limited	Permanent impact; mitigation not possible	Negative Medium High	Cannot be mitigated

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Aspect	Impact	Summary	Mitigation	Impact rating and Significance without Mitigation	Impact rating and Significance with mitigation
Instream dam	reduced sediment transport on instream habitat	Dams act as a barrier to sediment transport which will likely lead to a reduction in sediment supply and a modification to the quality and diversity of instream habitat downstream of the dam.	Cannot be mitigated.	Negative medium high	Cannot be mitigated
Instream dam	Fragmentation of aquatic habitat caused by construction of OGF2	barrier preventing movement of biota	Cannot be mitigated.	Negative High	Cannot be mitigated.
Instream dam	Impact of dam on downstream users	No additional water users on Ruiterbos. According to the WARMS database, water users downstream of the applicant are registered to abstract a total of 3.54 Mm3 / annum. The reduction in MAR caused by the storage and increased abstraction from the Ruiterbos River is unlikely to impact downstream users.	Measures in EMPr to be implemented. Authorisation for additional abstraction from the Ruiterbos River must be subject to the surrender of existing borehole abstraction rights from RE/420 and RE/373, thereby avoiding cumulative impacts on the water resource.	Negligible	

Soil and land capability – existing and proposed activities – construction and operations

Aspect	Impact	Summary	Mitigation	Impact rating and Significance without Mitigation	Impact rating and Significance with mitigation
Excavation Activities and roads and crossings	Soil erosion and ability of vegetation to recover	Removal of vegetation and increased erosion risk	Put in place EMPr. Rehabilitate as required	Negative medium	Negative Low
Agricultural activities	Soil potential and land capability	Insufficient groundcover	As per EMPr	Negative medium	Negative / positive Low
Farming operations - fertilizers, pesticides	Soil and groundwater quality and surrounding indigenous vegetation and fauna	Overuse pesticides / fertilizers	As per EMPr	Negative medium	Negative low

Change in Land use – past, current, proposed activities



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Aspect	Impact	Summary	Mitigation	Impact rating and Significance without Mitigation	Impact rating and Significance with mitigation
Land use change – past, current, proposed	Change of land use from cattle farming to mixed use including crops, grazing, game farm, enclosures and restaurant.	If the activities are well managed the impact is considered a low positive impact for overall land use on the area.	Put in place EMPr. Consider incorporation of bee farming, sustainable harvesting (5 year plan), olive trees (lower water requirements)	Negative medium	Positive Low
Energy management	Reliance on non-renewable energy sources	All energy requirements are met through off-grid systems, primarily solar power and gas	As per EMPr	Positive low	Positive low

Socio-economic impacts

Aspect	Impact	Summary	Mitigation	Impact rating and Significance without Mitigation	Impact rating and Significance with mitigation
Dwellings	Accommodation	Dwellings allow for accommodation to be provided for the staff.	Rehabilitate areas around dwellings and structures as per EMPr Put in place a fire management plan as per EMPr	Positive low	Positive low
Water requirements	Food production, economic, social	low water supply will negatively impact the operations of the farm until such time that a more reliable source or suitable water is in place.	As per EMPr	Negative Medium high	Positive medium high
Agricultural, restaurant, game farm, enclosures and construction of dam	Economic opportunities and employment creation	The agricultural operations provide employment opportunities in both cultivation and harvesting. The restaurant, game farm management, enclosures and related tourism activities further contribute to local job creation.	Local employment and suppliers; training provided	Positive Medium	Positive Medium
Agricultural, restaurant, game farm, enclosures	Environmental awareness	play a significant role in promoting environmental awareness	- Consider incorporation of sustainable agricultural products into tourism	Positive medium	Positive medium

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Aspect	Impact	Summary	Mitigation	Impact rating and Significance without Mitigation	Impact rating and Significance with mitigation
			- Consider incorporation of agricultural produce into restaurant		

Waste management

Aspect	Impact	Summary	Mitigation	Impact rating and Significance without Mitigation	Impact rating and Significance with mitigation
Waste management	localised pollution and disturbance to flora and fauna and overall ecosystem functioning	Careful waste management is required to prevent the introduction and spread of Argentine ants. Correct waste management practices should result in negligible impacts and could result in positive impacts through reuse and recycling of the various waste streams	Put in place waste management measures as per EMPr	Negative medium	Negative / Positive Low



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 five dwellings could have potentially been located in previously disturbed areas / valley thicket areas where existing AIS is a problem. Search and rescue should have taken place prior to commencement of all activities (regardless of whether on previous agricultural areas) to avoid any unnecessary destruction of flora and fauna. However, surrounding fynbos seems intact and with implementation of the EMPr the current proposal is considered to be a sustainable land use.

A hydrology and aquatic assessment should have taken place to determine the water capacity of the area and most suitable location of a dam. The existing dam in the Ruiterbos and agricultural area 4-16 is recommended to be rehabilitated; the dammed area at 4-16 also to be addressed to ensure drainage takes place from this area.

Roads for game drives, agricultural activities and staff activities need to be planned correctly and unnecessary roads are no longer to be used, and active revegetation should take place in some road areas.

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.

Fire management Plan
Wildlife management Plan
AIS management Plan
Rehabilitation Plan
Monitoring at rehabilitated OGF1 dam site
AIS and rehabilitation monitoring Annual audit recommended to determine level of rehabilitation, extent of AIS and population levels of <i>Agathosma recurvifolia</i> and <i>Cyclopia subternata</i> to inform sustainable harvesting. Annual audit for the kikuyu grass at the jeep track along the Ruiterbos River to ensure that it doesn't invade into the Ruiterbos River
Flow Monitoring: Pumps used to abstract water from the dam must be fitted with calibrated flow meters with the purpose of ensuring that annual lawful water allocations are not exceeded, and abstraction volumes must be submitted to BOCMA bi-annually to ensure lawful water use. Biomonitoring Plan: An aquatic biomonitoring programme, including at minimum SASS and IHI (Index of Habitat Integrity) assessments, must be implemented. This plan should monitor whether the dam's environmental flow releases are maintaining downstream aquatic ecosystem integrity at the Recommended Ecological Category (REC). The specific frequency, timing, and monitoring indicators must be informed by the EWR determination.
EMPR provided in Appendix I to be implemented

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

The applicant is able to construct a dam and rehabilitate area 4-16, the existing Ruiterbos dam and the road. A suitable

crossing can also be put in place at 41-16

The applicant is able to put in place the required in stream dam

The applicant has been clearing AIS and is able to arrange for the AIS to be done as per the EMP in conjunction with the rehabilitation plan. Ongoing AIS and active and passive rehabilitation of AIS area can result in an area where sustainable harvesting can take place as another income source which can assist with AIS clearing expenses.

The applicant is able to integrate bee farming and owl boxes and suitable waste management measures which can enhance biodiversity in the area.

The applicant can consider olive trees as an alternative crop.

The current LSU can be reduced to meet the carrying capacity of the area.

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.

Methodology is provided in section B of Impact assessment report attached as Appendix M to this form.

Reviewed information, specialist investigations, site visits and relevant guidelines and related research inform ratings.

Rating are assigned qualitative and quantitative value.

(b) Please describe the assessment criteria used.

Methodology is provided in section B of Impact assessment report attached as Appendix M to this form.

Specialist investigations, site visits and relevant guidelines and research articles inform ratings.

Rating are assigned qualitative and quantitative values.

(c) Please describe the gaps in knowledge.

Detailed species assessments have not been carried out for the entire area and some species may have been overlooked; search and rescue of fauna and flora must be carried out prior to the start of construction (dam, enclosures)

Ecological Water requirements to inform detailed design of dam has not yet been done. The dam must be designed to allow for release infrastructure such as bypass weirs or pipe with valve. DWS and aquatic specialist are to provide guidance on preferred option for design.

(d) Please describe the underlying assumptions.

The majority of current agricultural areas identified have taken place on old agricultural areas therefore disturbed in preceding 10 years (2005 and earlier).

(e) Please describe the uncertainties.

Detailed species assessments have not been carried out for the entire area and some species may have been overlooked; search and rescue of fauna and flora must be carried out prior to the start of construction (dam, enclosures)

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

NO

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

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
Please provide reasons for your opinion			
<p>Existing agricultural areas are on previously disturbed areas with exception of area 4-16 which is 0.89 ha. Positive impacts include food production, livelihoods, employment and economic opportunities. The in-use areas should be managed as per operational management plan; expansion of irrigated areas is recommended on area 4-17. The road crossing section at area 4-16 should be modified to allow flow of water into drainage line.</p> <p>OGF2 dam is recommended to be put in place; the dam must have a maximum capacity of 150 000m³ and must be designed to ensure that water is captured during high rainfall events and equipped with operational release infrastructure capable of releasing environmental flows, either through a pipe-and-valve outlet system or via a bypass mechanism (e.g., weir and pipeline). A pipe-and-valve outlet system is the preferred and recommended option to allow for controlled and adjustable releases. This system should be used to ensure a continuous low-flow release throughout the year, and temporary increases in flow during and immediately after rainfall or storm events, to simulate natural runoff.</p> <p>Any additional abstraction from the Ruiterbos River must be subject to the formal surrender of existing borehole water use rights on RE/420 and RE/373 to ensure overall compliance with the lawful water allocation. The existing dam and area 4-16 must be rehabilitated as a condition of approval for the new larger dam</p> <p>It is the opinion of the EAP that due to the vegetation types, soil types and water availability on the property, only 20 ha additional crop expansion should be permitted in addition to existing crop and pasture areas.</p> <p>Dwellings and structures on areas 1, 2 and 5-5/6/7 to be managed as per operational management plan. These dwellings provide homes to the staff members and with landscaping, fire management and AIS measures in place are not considered to be harmful to the ecosystem functioning.</p> <p>No further development of roads and tracks should take place. Roads not required must not be used, areas of roads showing erosion should be addressed as per the EMP. It is recommended that no further structures or dwellings be permitted without the required assessment being carried out and an environmental authorisation received.</p> <p>Game farm activities promotes awareness to visitors and is considered to have an overall positive impact. It is recommended that the predator enclosure be expanded, and the elephant enclosure be approved. Ensure a game farm management plan is in place and considers relevant measures provided in the EMP with regards to extra-limital, grazer: browser ratios and carrying capacity of the area.</p> <p>The majority of drainage line areas on the property which (estimated of 200 ha) requires ongoing AIS clearing combined with rehabilitation. A 10-15 m buffer areas of drainage lines / rivers are to be rehabilitated with plants as provided in rehabilitation plan and maintained. Sustainable harvesting of <i>Agathosma recurvifolia</i> and <i>Cyclopia subternata</i> should be considered once rehabilitation has been underway for 5 years. Ongoing clearing of AIS as per management plan, should result in improved ecological functions with regards to terrestrial (improved fynbos, thicket, riverine vegetation and habitats) and aquatic systems (increased runoff from increased removal of <i>Acacia mearnsii</i>, prevention of sedimentation from incorrect clearing).</p>			
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.			
Operational agricultural areas the following areas should be authorised and activities managed as per operational management plan.			
Area	Size estimate	Land use	Recommendation
4-2	1.55 ha	Past use	Only dryland grazing
4-3	2.01 ha	In use	Preferably not be used; if used, only dryland grazing
4	2.87ha	Past use	Only dryland grazing
8	3.38 ha	Past use	Only dryland; removal alien trees in field and adjacent area as per AIS management plan
9	3.56 ha	In use	No further expansion this area. Manage agricultural area as per mitigation measures.

10	2.5ha	In use	Manage agricultural area as per mitigation measures.
11	2.48 ha	Past use - invaded	Dryland grazing Manage as per AIS management plan
13	2.85ha	Future - likely feasible	Low ecological importance however soil potential is indicated as low for the corresponding area.
14	35.27 ha	In use Past use	Maintain as irrigated agricultural area; use past use area for additional irrigated area and required dwellings, storage.
17	30.73 ha	Past use	Recommended for irrigated mixed cropped farming. Manage as per agricultural measures.
Area 5 -1 and 2	8 ha	In use / past use	Manage as per agricultural management measures.
Area 5-3	6.5 ha	Past use / in use	Dryland – maintain for game farm animals
Areas 5 -7	28.45 ha	Past use / In use	Dryland – maintain for game farm animals

Dwellings and infrastructures should be authorised on the following areas:

Area	Size estimate	Land use	Recommendation
Area 1	8000m2	5 dwellings	Maintain as per EMP
Area 2	4000m2	2 dwellings, storage, solar	Maintain as per EMP
Area 3	2500m2	OGF dam 2 proposed	As per mitigation measures for design of dam
Area 4-15	1500m2	Dwellings, storage areas	Maintain as per EMP
Area 5 - 1 and 2	2500m2	Storage areas, greenhouses	Maintain as per EMP
Area 5 - 1 and 2	1 ha	Elephant enclosure - proposed	Construction as per EMP Operations as per EMP
Area 5 - 1 and 2	1.1ha	Restaurant, reservoir, parking, landscaped areas	Maintain as per EMP
Area 5-4 / predator	10.4 ha	Past use / Proposed	Only dryland; predator enclosure proposed for this area. Plan shows 17.6 ha and requires clearing of vegetation not mapped as past use. Retain footprint of enclosure to past use area (i.e. 10.4ha) Manage as per predator enclosure management plan.
Area 5-7	6500m2	Dwelling, greenhouses, reservoir, storage	Maintain dwellings. Manage as per AIS management plan and terrestrial biodiversity management measures.

The following areas are recommended to be rehabilitated

Area	Land use	Recommendation
Area 2		Rehabilitate unnecessary roads.
Area 3	OGF dam 1 existing	Rehabilitate area
Area 4-16	0.89ha area	Area surrounding dam should be mulched and planted. Dammed area to be modified; culvert in road.
Area 4-17		Rehabilitate unnecessary roads.
Area 5 - 5 and 6	Past use / in use	Rehabilitate roads in areas as required.
Area 5-8	Past use	Rehabilitate unnecessary roads.
Roads between 2 and 3	Roads	Rehabilitate unnecessary roads.

The following areas are not recommended for further agricultural expansion and recommended to include AIS and fire management.

Area	Size estimate	Land use	Recommendation
4-1	4,98ha	In use / Past use / Future use – not feasible	Not recommended
4-5	0.5 ha	Future use – not feasible Intact fynbos	Retain as fynbos; removal of dense wattles as per AIS management plan
4-6	6.79 ha	Past use Future use – not feasible	Retain as fynbos; removal of dense wattles as per AIS management plan
4-7	0.34 ha	Future use – not feasible	Retain as fynbos; removal alien trees as per AIS management plan
4-12	3.14 ha	Past use - invaded	Not suitable – low potential soils. Manage as per AIS management plan
4-13	9.2 ha	Remaining area 13 – not feasible (9.2 ha)	Low ecological importance however soil potential is indicated as low for the corresponding area.
4-15	0.33ha	Future use – not suitable	Retain as fynbos No agricultural expansion permitted.
5-8	11.5 ha	Past use	Not recommended – rehabilitate unnecessary roads.

All recommendations included in Appendix M (impact assessment) and the EMPr (Appendix I) are to be implemented.

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.

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 of 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.

A public participation process is being carried out in accordance with Section 24J of the NEMA; the following activities have been carried out:

- Notice of proposed application for EA and registration of IAPs:
 - Placing two posters close to the site to inform the public of the process.
 - Emailing notice to organs of state, landowners and potential IAPs of the intended S24G application
 - Placing an advertisement in the Mossel Bay Advertiser on 6 September 2024
- Allowing for a 30-day registration and initial comment period on Notice and BAR
- Registration of IAPs: : 6 September to 7 October 2024
- Record of registration and initial comments received in response to the notices

The draft section 24G application form report will be distributed to registered IAPs for a 30-day review and comment period.

All comments received as well as responses provided by the Environmental Impact Assessment Practitioner and the proponent will be recorded throughout the process. Comments will be addressed in the assessment process. Thereafter the Final S24G application will be submitted to the competent authority for decision making.

Refer to appendix G

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

YES

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.

The draft S24G application and appendices will be available on the website for 30 day comment and review

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	DEVIATION	
(ii) any alternative site	YES	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	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	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	DEVIATION	
(iv) the municipality (Local and District Municipality) which has jurisdiction in the area;	YES	DEVIATION	
(v) any organ of state having jurisdiction in respect of any aspect of the activity; and	YES	DEVIATION	
(vi) any other party as required by the Department;	YES	DEVIATION	N/A
(c) placing an advertisement in -			
(i) one local newspaper; or	YES	DEVIATION	
(ii) any official Gazette that is published specifically for the purpose of providing public notice of applications or other submissions made in terms of these Regulations;	YES	DEVIATION	N/A
(d) placing an advertisement in at least one provincial newspaper or national newspaper, if the activity has or may have an impact that extends beyond the boundaries of the metropolitan or district municipality in which it is or will be undertaken	YES	DEVIATION	N/A
(e) using reasonable alternative methods, as agreed to by the Department, in those instances where a person is desirous of but unable to participate in the process due to— (i) illiteracy; (ii) disability; or (iii) any other disadvantage.	YES	DEVIATION	N/A
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?	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
Note: State department have been notified of intent to submit application and will be sent draft 24G application for 30 day comment and review period; the draft application will then be updated and sent to the CA for consideration		
Department of Environmental Affairs and Development Planning (DEA & DP)	Yes – included in Appendix G	Application to be sent for 30-day comment and review period
Department of Health		Application to be sent for 30-day comment and review period
Heritage Western Cape		Application to be sent for 30-day comment and review period
Transport & Public Works / Department of Infrastructure		Application to be sent for 30-day comment and review period
Department of Water & Sanitation / Breede-Gouritz Catchment Management Agency	Consulted as part of WULA process; site visit with aquatic specialist has been carried out.	Application to be sent for 30-day comment and review period

Western Cape Department of Agriculture		Application to be sent for 30-day comment and review period
National Department of Agriculture, Forestry and Fisheries Land Use and Soil Management Plant Production		Application to be sent for 30-day comment and review period
DFFE: Forestry Management		Application to be sent for 30-day comment and review period
Cape Nature Land Use Advice		Application to be sent for 30-day comment and review period
Southern Cape Fire Protection Agency		Application to be sent for 30-day comment and review period
SANPARKS		Application to be sent for 30-day comment and review period
Mossel Bay Municipality – Ward 7 Councillor		Application to be sent for 30-day comment and review period
Mossel Bay Municipality		Application to be sent for 30-day comment and review period
Garden Route District Municipality		Application to be sent for 30-day comment and review period

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.)

Interested and affected parties have requested the reports for review.

All IAPs will be sent the draft application and supporting appendices to all registered IAPs for a 30 day review and comment period. The S24G application form and supporting appendices will be updated. PP and CRR provided in Appendix G.

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.

All IAPs (including organs of state) will be sent the draft application and supporting appendices to all registered IAPs for a 30 day review and comment period. The S24G application form and supporting appendices will be updated. PP and CRR provided in Appendix G.

Information provided to date is included in appendix G (PP and CRR) and Appendix J (documents reviewed by EAP)

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.

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.

LIST OF INTERESTED AND AFFECTED PARTIES, April 2025

STATE DEPARTMENTS			
Name	Contact Person	Contact Details	Email
Department of Environmental Affairs and Development Planning (DEA & DP)	Danie Swanepoel Francois Naude Meryll Fredericks	Private Bag x6509, George, 6530 044 814 2013 (T)	Danie.Swanepoel@westerncape.gov.za Francois.Naude@westerncape.gov.za Meryll.Fredericks@westerncape.gov.za
Department of Environmental Affairs and Development Planning (DEA & DP) Compliance	Zaidah Toefy		Zaidah.Toefy@westerncape.gov.za jck.kotze@gmail.com ;
Department of Environmental Affairs and Development Planning (DEA & DP) Compliance	'Nicholas Kearns'		Nicholas.Kearns@westerncape.gov.za
Department of Environmental Affairs and Development Planning (DEA & DP) Compliance	Nabeelah Khan'		Nabeelah.Khan@westerncape.gov.za
Department of Environmental Affairs and Development Planning (DEA & DP) Compliance	Diana.Mouton		Diana.Mouton@westerncape.gov.za

DEADP Enforcement	Siphesihle.Khumalo		'siphesihle.khumalo@westerncape.gov.za'
Department of Environmental Affairs & Development Planning: Head of Component: Biodiversity	Project Manager: Albert Ackhurst	021 483 8364	Albert.Ackhurst@westerncape.gov.za
Department of Health	Nathan J1acobs	Private Bag x6592, George, 6530 044-803 2727 (T) 044-873 5929 (F)	Nathan.Jacobs@westerncape.gov.za
Heritage Western Cape	Noluvo Toto Stephanie Barnardt	Private Bag x9067, Cape Town, 8000 021-483 9729 (T) 021-483 9845 (F)	Noluvo.Toto@westerncape.gov.za Stephanie.barnardt@westerncape.gov.za
Transport & Public Works / Department of Infrastructure	Vanessa Stoffels	24 th Floor, 9 Lower Burg Street, Cape Town 021 483 4669 (T)	Vanessa.Stoffels@westerncape.gov.za
Department of Water & Sanitation	John Roberts	Private Bag x16, Sanlamhof, 7532 021 941 6179 (T) 021 941 6082 (F)	RobertsJ@dwa.gov.za
Rudzani Makahane (Mr) Water Use Specialist: Breede-Olifants CMA	Rudzani Makahane (Mr)	Tel: 023 346 8000 Cell: 079 2141 396 Address: 101 York Street, Room 302, George	rmakahane@bocma.co.za
Breede-Olifants CMA	Rabokale Mphahlele	Tel: 023 346 8000 Cell: 079 2141 396	rmphahlele@bocma.co.za
Breede-Olifants CMA	Andiswa Sam	Address: 101 York Street, Room 302, George	asam@bocma.co.za
BOCMA Enforcement	Anza-Tshilidzitshau Mabayi	Tel: 023 346 8079 Cell: 0662727263 Fax: 044 87 2199 Email: amabayi@bocma.co.za Unit 302, 3 rd Floor, 101 York Street, P.O. Box 1205, George, 6530	amabayi@bocma.co.za
DFFE: Forestry Management	Melanie Koen	Private Bag x12, Knysna, 6570 044 302 6902 (T) 044 382 5461 (F)	MKoen@dfpe.gov.za
Western Cape Department of Agriculture	Cor van der Walt	021 808 5099	Cor.vanderWalt@westerncape.gov.za Brandon.Layman@westerncape.gov.za Landuse.elsenburg@elsenburg.com
National Department of Agriculture, Forestry and Fisheries Land Use and Soil Management	Lutendo Netshilema Directorate Land Use and Soil Management	021 994 1413 Private Bag X2 Sanlamhof 7532	phumezasi@dalrrd.gov.za lutendon@dalrrd.gov.za

National Department of Agriculture, Forestry and Fisheries Directorate: Plant Production	Thabo Ramashala	Private Bag X250, Pretoria, 0001 Tel.: +27 12 319 6072 Fax: +27 12 319 6372	Thabo.Ramashala@daff.gov.za DPP@daff.gov.za
ORGANS OF STATE			
Name	Contact Person	Contact Details	Email
Breede-Gouritz Catchment Management Agency	Andiswa Sam R Mphahlele	PO Box 1205, George, 6530 023 346 8000 (T) 023 347 2012 (F)	asam@bgcma.co.za rmphahlele@bgcma.co.za pntanzi@bgcma.co.za
Cape Nature Land Use Advice	Megan Simons Keith Spencer	Private Bag x6546, George, 6530 044 802 5328 (T) 044 802 5313 (F)	msimons@capenature.co.za kspencer@capenature.co.za
Southern Cape Fire Protection Agency	Dirk Smit	Private Bag x12, Knysna, 6570 044 302 6912 (T) 086 616 1682 (F)	managerfpa@gmail.com
SANPARKS	Vanessa Weyer	PO Box 3542, Knysna, 6570 044 302 5600 (T) 044 382 4539 (F)	Vanessa.Weyer@sanparks.org
Agricultural research council	Dr Julius Tjelele Dr Francois Muller Dr Gilbert Pule Mr Lucas Letsoalo Dr Roger Price		JTjelele@arc.agric.za , MullerF@arc.agric.za letsoalonl@arc.agric.za PriceR@arc.agric.za
SANBI	Lesley Henderson		L.Henderson@sanbi.org.za
Mossel Bay Municipality			
Name	Contact Person	Contact Details	Email
Mossel Bay Municipality	Carel Venter Director Planning & Economic Development	044 606 5000 (T) 044 606 5062 (F) Postal: Private Bag X29, Mossel Bay, 6500 Physical: 101 Marsh Street, Mossel Bay	cventer@mosselbay.gov.za
Mossel Bay Municipality	Dick Naidoo Director Infrastructure Services	044 606 5000 (T) 044 606 5062 (F) Postal: Private Bag X29, Mossel Bay, 6500 Physical: 101 Marsh Street, Mossel Bay	dnaidoo@mosselbay.gov.za
Mossel Bay Municipality	Colin Puren Municipal Manager	044 606 5000 (T) 0446065062 (F) Postal: Private Bag X29, Mossel Bay, 6500 Physical: 101 Marsh Street, Mossel Bay	mmoffice@mosselbay.gov.za
Mossel Bay Municipality	Rushanah Carelse	044 606 5000 (T) 0446065062 (F) Postal: Private Bag X29, Mossel Bay, 6500 Physical: 101 Marsh Street, Mossel Bay	rcarelse@mosselbay.gov.za
Mossel Bay Municipality – Ward 7 Councillor	Clr Stephan Botha (DA)	tel:0828583902	w.stephan.botha@gmail.com

Mossel Bay Municipality	Minnie, Rudi <rminnie@mosselbay.gov.za>	Please include the following emails on the IAP's mailing list:	admin@mosselbay.gov.za rminnie@mosselbay.gov.za stentu@mosselbay.gov.za
Garden Route District Municipality	Mr. Lusanda Menze	P.O. Box 12, George, 6530 044-8031300 (T) 0865556303 (F)	info@gardenroute.gov.za
Garden Route District Municipality	Dr. Nina Viljoen	P.O. Box 12, George, 6530 044-8031300 (T) 0865556303 (F)	nina@gardenroute.gov.za
Landowners			
Farm / Erf No.	Contact Person	Postal/ Physical Address	Email
Ptn 420 and 373, Outeniqua Game Farm, Outeniqua Wildlife Adventures	Eric Jurg Olsen	Outeniqua Game Farm, Portion 420 R328 Dist Mossel Bay 6620	Ogfcc1@gmail.com rocky.grompie@gmail.com Cell phone: 0825539462

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>	
ii	<i>investigate, evaluate and assess the impact of the activity on the environment</i>	
iii	<i>remedy any adverse effects of the activity on the environment</i>	
iv	<i>cease, modify or control any act, activity, process or omission causing pollution or environmental degradation</i>	
v	<i>contain or prevent the movement of pollution or degradation of the environment</i>	
vi	<i>eliminate any source of pollution or degradation</i>	
vii	<i>compile a report containing-</i>	
	aa	<i>a description of the need and desirability of the activity</i>
	bb	<i>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</i>
	cc	<i>a description of mitigation measures undertaken or to be undertaken in respect of the consequences for or impacts on the environment of the activity</i>
	dd	<i>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</i>
	ee	<i>an environmental management programme</i>
viii	<i>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.</i>	

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 _____	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.			
Are you, the applicant, being investigated for the contravention of section 20(b) of the NEMWA in respect of a matter that is <u>not subject to this application</u> and in any province in the Republic?	YES _____	NO _____	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.			
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 _____	NO _____	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.			

“The sub-directorate: environmental Law Enforcement is in the process of investigating unlawful commencement of listed activities on Farm 373 and 420 and that vegetation was removed in order to construct unit/s and a road.”

Issued 21 February 2019

Refer to Appendix J

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	
	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.	
<p>The agricultural activities and restaurant, game farm and tourist activities provide employment. The game farm area and proposed enclosures provides for the environmental awareness of species of conservational concern</p> <p>The dwellings allow for accommodation to be provided for the staff. Energy costs are dramatically reduced as the staff members live within walking distance of their workplace.</p> <p>The borehole water on the site is not suitable for domestic or irrigation purposes. The impact of not being able to</p>		

source water for the activities currently in place will have significant high economic and social impacts

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	
	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: Clearing of vegetation led to habitat loss and fragmentation and SCC may have been impacted. Rehabilitation of identified areas, combined with ongoing AIS clearing as per EMPr could result in positive impact in long term. Total footprint will be 122.5 ha which is approximately 55 ha smaller than past grazing land use.		

Index	Sense of Place Impact and / or Heritage Impact	Place an "x" in the appropriate box
	Description of variable	
	The activity is in keeping with the surrounding environment and / or does not negatively impact on the affected area's sense of place and /or heritage	✓
	The activity is not in keeping with the surrounding environment and will have a localised impact on the affected area's sense of place and/or heritage	
	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:		

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	
	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: Implementation of EMPr including correct agricultural and waste management should result in negligible 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.	

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:	

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.	✓
Explanation of all previous convictions in respect of the above:		

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:		

PART 3: APPLICANT'S PERSONAL CIRCUMSTANCES

Index	Applicant's legal persona	Place an "x" in the appropriate box
Description of variable		
	The applicant is a natural person.	
	The applicant is a firm.	✓
Describe the firm: Outeniqua Game Farm cc		

Index	Any other relevant information that the applicant would like to be considered.
Motivate and explain fully:	

The applicant has requested permission from a number of authorities for relevant authorisations:

- Cape Nature
- Mossel Bay Municipality
- Department Water and Sanitation

The applicant was not aware that an environmental authorisation was required.

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).

Refer to Appendix G

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:	Building plans (if applicable)	✓
Appendix D:	Colour photographs	
Appendix E:	Biodiversity overlay map	✓
Appendix F:	Permit(s) / license(s) from any other organ of state including service letters from the municipality	
Appendix G:	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 H:	Specialist Report(s), if any	✓
Appendix I:	Environmental Management Programme	✓
Appendix J:	Supporting documents relating to compliance/enforcement history of the applicant, including but not limited to, Pre-compliance/compliance notices, Pre-directives/directives etc.	✓
Appendix K:	Certified copy of Identity Document of Applicant	✓
Appendix L:	Certified copy of the title deed (or title deeds in the case of linear activities)	✓
Appendix M:	Any Other (if applicable) (describe) – Impact Assessment Report	✓

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)	

DECLARATIONS

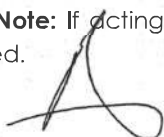
The applicant

Note: Duplicate this section where there is more than one applicant

- I **Patric Moore**, in my personal capacity or duly authorised as
(state capacity) by thereto hereby declare/affirm that all the
information contained in this application to be true and correct, and that I:
- am fully aware of my responsibilities in terms of the National Environmental Management Act of 1998 (Act No. 107 of 1998) ("NEMA"), the Environmental Impact Assessment Regulations, 2014 ("EIA Regulations") in terms of NEMA, the National Environmental Management: Waste Act, 2008 (Act 59 of 2008) ("NEM:WA") and all relevant specific environmental management Act(s), and that failure to comply with these requirements may constitute an offence in terms of the environmental legislation;
- appointed the environmental assessment practitioner as indicated above, which meet all the requirements in terms of Regulation 13 of the EIA Regulations to act as the independent Environmental Assessment Practitioner for this application;
- have provided the environmental assessment practitioner and the competent authority with access to all information at my disposal that is relevant to the application;
- am aware that I may be issued with a directive and that I must comply with such a directive;
- am fully aware of the administrative fine to be paid before a decision, with respect to the continuation of the listed activity(ies), will be made;
- will be responsible for the costs incurred in complying with the environmental legislation including but not limited to –
 - costs incurred in connection with the appointment of the environmental assessment practitioner or any specialist appointed in terms of Regulation 13 of the EIA Regulations);
 - costs incurred in respect of the undertaking of any process required in terms of this application;
 - costs in respect of any prescribed fee payable in respect of this application;
 - costs in respect of specialist reviews, if the competent authority decides to recover costs;
 - the provision of security to ensure compliance with the applicable management and mitigation measures; and
 - fine costs
- am responsible for complying with the conditions that might be attached to any decision(s) issued by the competent authority;
- have the ability to implement the applicable management, mitigation and monitoring measures; and
- hereby indemnify, the government of the Republic of South Africa, the competent authority and all its officers, agents and employees, from any liability arising out of, inter alia, the content of any report, any procedure or any action for which the applicant or environmental assessment practitioner is responsible.

am aware that a false declaration is an offence in terms of Regulation 48 of the EIA Regulations, 2014 (

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



Signature of the applicant:

Patric Reeves Moore

Name:

Outenique Game Farm

Name of Firm (if applicable):

Date:

THE INDEPENDENT ENVIRONMENTAL ASSESSMENT PRACTITIONER ("EAP")

I, **Claire De Jongh** as the appointed independent environmental practitioner ("EAP") hereby declare/affirm the correctness of the information provided or to be provided as part of the application, and that I:

- act/ed as the independent EAP in this application;
- regard the information contained in this application to be true and correct, and
- do not have and will not have any financial interest in the undertaking of the activity, other than remuneration for work performed in terms of the National Environmental Management Act of 1998 (Act No. 107 of 1998) ("NEMA"), the Environmental Impact Assessment Regulations, 2014 ("EIA Regulations") in terms of NEMA, the National Environmental Management: Waste Act, 2008 (Act 59 of 2008) ("NEM:WA") and the relevant specific environmental management Act(s);
- have and will not have any vested interest in the proposed activity proceeding;
- have disclosed, to the applicant and competent authority, any 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 required in terms of the NEMA, the EIA Regulations, the NEM:WA and any specific environmental management Act(s);
- am able to meet the responsibilities in terms of NEMA, the EIA Regulations (specifically in terms of Regulation 13 of the EIA Regulations, 2014) and any specific environmental management Act, and am fully aware that failure to comply with these requirements may constitute and result in disqualification;
- have ensured that information containing all relevant facts in respect of the application was distributed or made available to interested and affected parties and the public and that participation by interested and affected parties was facilitated in such a manner that all interested and affected parties were provided with a reasonable opportunity to participate and to provide comments;
- have ensured that the comments of all interested and affected parties were considered, recorded and submitted to the competent authority in respect of the application;
- have kept a register of all interested and affected parties that participated in the public participation process; and
- have provided the competent authority with access to all information at my disposal regarding the application, whether such information is favourable to the applicant or not.
- am aware that a false declaration is an offence in terms of Regulation 48 of the EIA Regulations

Note: The terms of reference must be attached.



Signature of the environmental assessment practitioner:

**Independent EAP - subcontracted by
EcoRoute**

Name of company:

24 April 2025

Date:

PART 4 -

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

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 RECOVERY REUSE RECYCLING TREATMENT OR DISPOSAL	OFFSITE RECOVERY REUSE RECYCLING TREATMENT OR DISPOSAL	OFFSITE DISPOSAL
		Tons/ Month	M ³ / Month	Method & Location	Method & Location and Contractor details	

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
			° ' "	° ' "
			° ' "	° ' "
			° ' "	° ' "
			° ' "	° ' "

			○ I II	○ I II
			○ I II	○ I II
			○ I II	○ I II

Location and depth of landfill gas monitoring test pit:

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