

In terms of the **National Environmental Management Act** and 2014 Environmental Impact Regulations as amended, 2017, for:

PART 2 AMENDMENT APPLICATION ON BEHALF OF KINGSWAY HOMEOWNERS' ASSOCIATION, KOUGA LOCAL MUNICIPALITY, EASTERN CAPE

DEDEAT REFERENCE: EC08/1M/74-98

Appendix 2

**DRAFT ENVIRONMENTAL MANAGEMENT PLAN REPORT (EMPr)
FOR DECISION MAKING
MAY 2026**



EAP Services

PREPARED FOR THE APPLICANT:

Kingsway Homeowners Association

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DATE:

MAY 2026

ENVIRONMENTAL MANAGEMENT PROGRAMME REQUIREMENTS:

Appendix 4 of Regulation 982 of the 2014 EIA Regulations (as amended, 2017) published in terms of the National Environmental Management Act (Act 107 of 1998) (NEMA), contains the required contents of an Environmental Management Programme (EMP). The table below serves as a summary of how these requirements were incorporated into this EMPR:

Details of – The EAP who prepared the EMPr; and The expertise of the EAP to prepare an EMPr, including a curriculum Vitae;	Appendix B: Details of EAP
A detailed description of the aspects of the activity that are covered by the EMPr as identified by the project description;	2. PROJECT DETAILS
a map at an appropriate scale which superimposes the proposed activity, its associated structures, and infrastructure on the environmental sensitivities of the preferred site, indicating any areas that should be avoided, including buffers;	Figure 1: Rezoning request (Surveyed by Allen Nicholson on behalf of KHOA and recommended by the DEDEAT)
A description of the impact management outcomes, including management statements, identifying the impacts and risks that need to be avoided, managed and mitigated as identified through the environmental impact assessment process for all phases of the development including – planning and design; pre-construction activities; construction activities; rehabilitation of the environment after construction and where applicable post closure; and where relevant, operation activities;	Part 2 assessment report (draft for review and comment)
a description of proposed impact management actions, identifying the manner in which the impact management outcomes contemplated in paragraph (d) will be achieved, and must, where applicable, include actions to – avoid, modify, remedy, control or stop any action, activity or process which causes pollution or environmental degradation; comply with any prescribed environmental management standards or practises; comply with any applicable provisions of the Act regarding closure, where applicable; and comply with any provisions of the Act regarding financial provision for rehabilitation, where applicable;	5. ENVIRONMENTAL MANAGEMENT PROGRAMME
the method of monitoring the implementation of the impact management actions contemplated in paragraph (f);	3.1 Signing of the EMPr 4. REPORTING PROCEDURES 6 COMPLIANCE WITH THE EMPr
the frequency of monitoring the implementation of the impact management actions contemplated in paragraph (f);	8. Enforcing the EMPR and responsibilities

an indication of the persons who will be responsible for the implementation of the impact management actions;	5. ENVIRONMENTAL MANAGEMENT PROGRAMME 8. Enforcing the EMPr and responsibilities
the time periods within which the impact management actions contemplated in paragraph (f) must be implemented;	5. ENVIRONMENTAL MANAGEMENT PROGRAMME 6 COMPLIANCE WITH THE EMPr
the mechanism for monitoring compliance with the impact management actions contemplated in paragraph (f);	6 COMPLIANCE WITH THE EMPr
a program for reporting on compliance, taking into account the requirements as prescribed by Regulations;	6 COMPLIANCE WITH THE EMPr
an environmental awareness plan describing the manner in which – the applicant intends to inform his or her employees of any environmental risk which may result from their work; and risks must be dealt with in order to avoid pollution or the degradation of the environment; and	9. Code of conduct
any specific information that may be required by the competent authority.	Amendment assessment report (draft) and EMPr (draft) (this report)

TABLE OF DEFINITIONS

Amendment Assessment Report – report compiled by an Environmental Assessment Practitioner (EAP) that describes the environmental impacts of a proposed change to an Environmental Authorisation (EA). NEMA 2014 EIA (as amended, 2017) Regulation 31 outlines the requirement for an EA holder to submit an amendment application, while Regulation 32 specifies the content and requirements of the associated Environmental Impact Assessment report, which must assess all impacts of the proposed amendment..

“development footprint” means any evidence of physical alteration as a result of the undertaking of any activity;

“coastal waters” means -(a) marine waters that form part of the internal waters or territorial waters of the Republic referred to in sections 3 and 4 of the Maritime Zones Act, 1994 (Act No. 15 of 1994), respectively; and (b) subject to section 26, any estuary.

Critical Biodiversity Area – Areas in a natural condition that are required to meet biodiversity targets, for species, ecosystems or ecological processes and infrastructure.

“development” means the building, erection, construction or establishment of a facility, structure or infrastructure, including associated earthworks or borrow pits, that is necessary for the undertaking of a listed or specified activity, [including any associated post development monitoring] but excludes any modification, alteration or expansion of such a facility, structure or infrastructure, including associated earthworks or borrow pits, and excluding the redevelopment of the same facility in the same location, with the same capacity and footprint;

“development setback” means a setback line defined or adopted by the competent authority;

Environmental Assessment Practitioner – an individual responsible for the planning, management, coordination or review of environmental impact assessments, strategic environmental assessments and environmental management programmes.

Environment Conservation Act 73 of 1989 - preceded the National Environmental Management Act (Act 107 of 1998)

Environment Conservation Act 73 of 1989 Regulations - promulgated in 1997, superseded by 2006, 2010, 2014 and 2014 (as amended, 2017) EIA Regulations issued in terms of the National Environmental Management Act (Act 107 of 1998)

Environmental Control Officer – A site agent who needs to ensure that all environmental authorisation and conditions are adhered to during the construction / operational phase of the project as required
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.
Environmental Impact Assessment regulations
Environmental Management Programme – 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
“estuary” means a body of surface water - (a) that is part of a water course that is permanently or periodically open to the sea; (b) in which a rise and fall of the water level as a result of the tides is measurable at spring tides when the water course is open to the sea; or (c) in respect of which the salinity is measurably higher as a result of the influence of the sea.
“estuarine functional zone” means the area in and around an estuary which includes the open water area, estuarine habitat (such as sand and mudflats, rock and plant communities) and the surrounding floodplain area, as defined by the area below the 5 m topographical contour (referenced from the indicative mean sea level);
“indigenous vegetation” refers to vegetation consisting of indigenous plant species occurring naturally in an area, regardless of the level of alien infestation and where the topsoil has not been lawfully disturbed during the preceding ten years;
interested and affected party - an whose name is recorded in the register opened for that application in terms of regulation 42 of NEMA regulations.
“interests of the whole community” means the collective interests of the community determined by- (a) prioritising the collective interests in coastal public property of all persons living in the Republic over the interests of a particular group or sector of society; (b) adopting a long-term perspective that takes into account the interests of future generations in inheriting coastal public property and a coastal environment characterised by healthy and productive ecosystems and economic activities that are ecologically and socially sustainable; and (c) taking into account the interests of other living organisms that are dependent on the coastal environment.
“local community” means any community of people living, or having rights or interests, in a distinct geographical area within the coastal zone;
“maintenance” means actions performed to keep a structure or system functioning or in service on the same location, capacity and footprint;
Maintenance Management Plan – means a maintenance management plan for maintenance purposes defined and adopted by the competent authority
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.
<p>Open space zone 1</p> <p>Primary use: Public Open space</p> <p><i>Land for the provision of active and passive recreational areas on public owned land.</i></p> <p><i>Generally to promote public recreation, enhance aesthetical appearance and promote the maintenance of a functional open space system.</i></p> <p><i>Land for protection of heritage resources and cultural activities.</i></p> <p><i>Consent uses</i></p> <ul style="list-style-type: none"> <i>Camping Site</i> <i>Cemetery</i>

<p><i>Child Care Facility</i></p> <p><i>Events</i></p> <p><i>Memorial Site</i></p> <p><i>Tourist facility</i></p>
<p>Open Space zone 2</p> <p>Primary use: Private open space</p> <p>Land for the provision of active and passive recreational areas on private owned land.</p> <p>Generally to promote private recreation, enhance aesthetical appearance and promote the maintenance of a functional open space system.</p> <p><i>Consent uses</i></p> <p><i>Cemetery</i></p> <p><i>Camping Site</i></p> <p><i>Sport Facility</i></p> <p><i>Tourist Facility</i></p> <p>Applicable zoning between residential erven.</p>
<p>Open Space zone 3</p> <p>Primary use: Private open space</p> <p>The use of land for conservation and natural areas.</p> <p>Include statutory and non-statutory conservation areas and provision for these land uses.</p> <p>Protection of the natural environment and for conservation and biodiversity purposes for areas which is regarded as conservation worthy</p> <p><i>Consent use</i></p> <p><i>Holiday Accommodation</i></p> <p><i>Landing Pad</i></p> <p><i>Tourist Facility</i></p> <p>Applicable zoning east (estuary) and west (intact thicket) of resort</p>
<p>Private Open Space means land which is for private use, and is used as an open area, park, garden, playground, recreation ground or square and can form part of a residential development</p>
<p>Public Open Space means a park, public garden, square, sports field, sports facility, memorial site, children’s’ playground, amusement park, place of recreation, beach area or any similar amenity, in respect of which the ownership as such vests in the local authority, and can include ablution facilities and support infrastructure</p>
<p>Protected area - 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. The NPAES distinguishes between land-based protected areas, which may protect both terrestrial and freshwater biodiversity features, and marine protected areas.</p>

ABBREVIATIONS

DEDEAT	Eastern cape Department of Economic Development, Environmental Affairs and Tourism
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EAP Services

DFFE	Department of Forestry, Fisheries and the Environment
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.
CMP	Coastal Management Plan
EAP	Environmental Assessment Practitioner –
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.
KLM	Kouga Local Municipality
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.
PA	Protected Area - A protected area recognised in the National Environmental Management: Protected Areas Act (Act 57 of 2003)
SANBI	South African National Biodiversity Institute
SBDM	Sarah Baartman district Municipality

Contents

ENVIRONMENTAL MANAGEMENT PROGRAMME REQUIREMENTS:	1
1. INTRODUCTION	1
1.2 Purpose of the EMPr	1
1.2 The Polluter-Pays Principle	2
2. PROJECT DETAILS.....	2
2.1. Overview of Kingsway resort	2
3. LEGISLATIVE REQUIREMENTS.....	2
3.1 Signing of the EMPr.....	2
3.2 Legislation.....	3
3.3. Project Responsibilities.....	3
4. REPORTING PROCEDURES	4
4.1 Documentation	4
4.2. Incident / complaint Register.....	4
4.3. Monthly Audit Report and Non-conformance report if required	4
4.4. Emergency Response	5
5. ENVIRONMENTAL MANAGEMENT PROGRAMME.....	5
5.1. EMP Targets – Planning, Construction, Operations.....	6
5.1.1. Planning Activities.....	6
5.1.2. Construction / Maintenance activities.....	9
5.1.3. Operational Activities	10
5.2. Conditions of EA in tabular format	3
5.3. Mitigation Measures.....	18
6. COMPLIANCE WITH THE EMPr	28
6.1 Monitoring and Compliance	28
6.2 Auditing Process.....	28
6.3 Non-Compliance	28
6.4 Issuing a Non-Compliance.....	29
6.5 Process of Issuing Non-Compliance	29
6.6 Failure to complete corrective actions	29
6.7 Unlawful Activity/ies	30
7. AMENDMENTS TO THE EMPr	30
8. Enforcing the EMPr and responsibilities.....	30
9. Code of conduct	32
Appendix A: Site layout plans and details of infrastructure installed.....	35
Appendix B: Details of EAP.....	40

List of Figures

Figure 1: Rezoning request (Surveyed by Allen Nicholson on behalf of KHOA and recommended by the DEDEAT) 7

List of Tables

Table 1: Project Apects to be completed by construction / maintenance team as required	0
Table 2: Description of activity in EA	3
Table 3: Conditions of EA - duration and planning	4
Table 4: Conditions of EA- construction phase	8
Table 5: Conditions of EA- operational phase.....	12
Table 6: Mitigation measures, scoping report	14
Table 7: Operational Management Plan, scoping report.....	18
Table 8:Plant species list showing indigenous and AIS plant within area (adapted from botanical survey, 2005) (AIS in orange; Protected in green).....	20
Table 9: Table of responsibilities	30

1. INTRODUCTION

In accordance with the Integrated Environmental Management Guidelines published by the Department of Forestry, Fisheries, and the Environment (DFFE) in 1992, the purpose of an Environmental Management Programme (EMPr) is *“to describe how negative environmental impacts will be managed, rehabilitated or monitored and how positive impacts will be maximised”*.

Section 28 of NEMA (National Environmental Management Act, Act 107 of 1998) states that:

Duty of care and remediation of environmental damage -

“(1) Every person who causes, has caused, or may cause significant pollution or degradation of the environment must take reasonable measures to prevent such pollution or degradation from occurring, continuing or recurring, or, in so far as such harm to the environment is authorised by law or cannot be reasonably avoided or stopped, to minimise and rectify such pollution or degradation of the environment”

This draft EMPr must be read in conjunction with the **part 2 amendment** report and all related appendices dated **November 2025**. All recommendations, relevant conditions and mitigation measures provided in these documents have been included in the EMPr and must be adhered to.

This EMPr must form an integral part of the contract documents, as it outlines the methodology & duties required so that the project objectives can be achieved in an environmentally sustainable manner; with particular reference to the prevention and mitigation of environmental impacts caused by planning, construction and operational phases and activities associated with this project.

This EMPr is a dynamic document that may require updating during the project phases in response to new and changing circumstances to mitigate environmental impacts.

Relevant changes and updated EMPr must be submitted to the DEDEAT for approval.

1.2 Purpose of the EMPr

The purpose of this EMPr is to ensure that the negative environmental impacts of the proposed activities are managed, mitigated and kept to a minimum during the planning, construction and operational phases of the activities. An EMPr has not yet been submitted to the CA for approval following the issuing of the ROD; this EMPr is submitted with the part 2 amendment application for approval.

Once the EMPr is approved by DEDEAT it is seen as a legal binding document on the following affected parties:

- 1 Kingsway Homeowners Association (KHOA)
- 2 All related contractors and service providers as may be required
- 3 All homeowners within Kingsway Resort

Copies of this EMPr must be kept on site and all homeowners are required to familiarise themselves with the content of this EMPr.

It is suggested that the EMPr be reviewed on a 5 yearly basis. Should any amendments need to be made during operational phase, written authorisation should be obtained from DEDEAT.

1.2 The Polluter-Pays Principle

This principle provides for “the costs of remedying pollution, environmental degradation and consequent adverse health effects and of preventing, controlling or minimizing further pollution, environmental damage or adverse health effects must be paid for by those responsible for harming the environment.”

2. PROJECT DETAILS

2.1. Overview of Kingsway resort

Kingsway Resort is located within the Kouga locality Municipality, approximately 50 km west of Port Elizabeth and 2.5 km south of the N2 Bridge which crosses the Gamtoos River estuary. The resort is located on the eastern bank of the Gamtoos River estuary, on a slightly elevated section of the Gamtoos River floodplain, approximately 3.5 km from the estuary mouth. The site is owned by Kingsway Caravan Park (Pty) Ltd.

An environmental authorisation (EC08/1m/74-98) was granted on 29 April 2008 for the expansion / upgrading of the Kingsway Resort in terms of Section 22 of the Environmental Conservation Act (Act 73 of 1989) to undertake a listed activity as schedule under Section 21 of the Act. (Appendix A).

The following activities were authorised:

- 1(m) - The construction or upgrading of public and private resorts and associated infrastructure
- 1(k) - The construction or upgrading of reservoirs for public water supply
- 2(c) - The change of land use from agricultural or zoned undetermined use or an equivalent zoning, to any other

A compliance audit was submitted in 2024. The majority of conditions of the ROD (EA) were found to be non-compliant as information relating to an appointment of ECO, audit reports, CEMP, OEMP and layout plans required to be submitted to DEDEAT (then DEDEA) for approval, were not on record / had not yet been compiled and / or submitted to the DEDEAT for approval. In addition, it was found that amendments were required for conditions contained within the EA (EC08/1M/74-98) and related measures in the scoping report.

A draft amendment assessment report has been compiled to assess the impact of the proposed amendments; The report provides an overview of baseline conditions and potential direct, indirect and cumulative impacts that are likely to occur as a result of the proposed amendments. An EMPr (this report) has been compiled which includes all the mitigation measures contained within the scoping report and conditions of the EA; and includes any amendments / additional mitigation measures as required.

3. LEGISLATIVE REQUIREMENTS

3.1 Signing of the EMPr

The acknowledgement form at the back of the approved EMPr is to be signed by the holder of the Environmental Authorisation (the Applicant), the Contractor, and the ECO as applicable to scope of work to project phase; acknowledging that all parties are familiar with the requirements of the EMPr. All employees and dwelling owners are to be made aware of the conditions as contained in the EMPr as well as the contractual conditions relating to the environment as contained in the contract document.

3.2 Legislation

Of importance are all national, provincial and municipal by-laws and regulations

Relevant environmental legislation and guidelines:

- *National Environmental Management Act (Act 107 of 1998) and EIA Regulations*
- *National Environmental Management Act: Biodiversity Act (Act 10 of 2004)*
- *Environmental Conservation Act (Act 73 of 1989)*
- *Nature and Environmental Conservation Ordinance No 19 of 1974*
- *National Heritage Resources Act 25 of 1999*
- *National Environmental Management: Integrated Coastal Management Act, 2008*
- *Coastal Management Programme SBDM (draft)*
- *Kouga Spatial Development Framework*

Statutes are amended periodically; it is the holder of the EAs' responsibility to identify legislation relevant to the proposed activity

3.3. Project Responsibilities

Responsibility for the implementation of the EMPr lies with the holder of the EA.

The holder of the EA will be responsible for the following:

- Adhering to the approved EMPr.
- Ensure that all appointed services providers that may be required (eg contractors, architects, town planners etc), as relevant, are aware of and understand the conditions of the EMPr.
- Has the right to remove any person or appointed contractors or personnel from site if the contravene with the EMPr.
- Ensure individual homeowners appoint an external Environmental Control Officer as required for construction of dwelling; ensure that the competent authority is notified of construction of dwelling 14 days prior to such commencement taking place.
- Nomination of committee member to act as ECO for operational phase of development
- Ensuring annual external operational audit is carried out to determine compliance with EMPr and EA

The external ECO's responsibilities must include, *inter alia*:

- Carry out preconstruction, monthly, post construction audit on compliance with EMPr and conditions of EA
- Submit monthly audit reports to the KHOA chairperson and internally nominated ECO, CA (DEDEAT), construction project manager which will include indications of non-compliances and required timeframe to rectify
- Guide, advise and consult any contractors who will be involved in construction of dwellings.
- Ensure staff are adequately trained on environmental responsibilities as applicable

The responsibilities of homeowners within Kingsway Resort include:

- Adhere with the conditions and recommendations of the EMPr or any other legally binding documentation
- Prevent actions that may cause harm to the environment.
- Correct non compliances identified by nominated ECO / during external operational audits
- Ensure compliance of all service providers/ visitors to the EMPR

The responsibilities of the service providers and contractors include but are not limited to the following:

- Adhere with the conditions and recommendations of the EMPr or any other legally binding documentation as relevant to scope of work to be carried out.

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- Prevent actions that may cause harm to the environment.
- Correct non compliances identified during audits
- Be responsible for any remedial activities in response to an environmental incident within their scope of influence.
- Ensure compliance of all site personnel and / or visitors to the EMPr and any other authorisations.

Fines for noncompliance's of EMPr to be determined by the KHOA.

4. REPORTING PROCEDURES

4.1 Documentation

The following documentation must be kept on site by KHOA in order to record compliance with the EMPr:
An Environmental File which includes:

- Copy of the EMPr;
- Copy of the EA;
- Copy of any amendments
- Permits if required
- Reports submitted to ECPHRA (if required)
- Communications Register – CA; records of complaints and responses provided
- Audit reports (construction as required; annual operational)
- Incident Register
- Documentation including:
 - Waste management records
 - Service slips of conservancy tanks
 - Material Safety Data Sheets (MSDSs) for any hazardous substances

4.2. Incident / complaint Register

The Holder of EA will put in place an Environmental Register and will ensure that the following information is recorded for all complaints / incidents:

- Nature of complaint / incident.
- Causes of complaint / incident.
- Party/parties responsible for causing complaint / incident.
- Immediate actions undertaken to stop / reduce / contain the causes of the complaint / incident.
- Additional corrective or remedial action taken and/or to be taken to address and to prevent reoccurrence of the complaint / incident.
- Timeframes and the parties responsible for the implementation of the corrective or remedial actions.
- Procedures to be undertaken and/or penalties to be applied if corrective or remedial actions are not implemented.
- Copies of all correspondence received regarding complaints/incidents.

4.3. Monthly Audit Report and Non-conformance report if required

Monthly external audits recommended for duration of construction of dwellings, including pre-construction and post construction report.

Annual external audits recommended for duration of operations.

Internally appointed KHOA ECO to maintain EM file and address non compliances as and when required.

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Conditions of EA (if issued) and EMPr requirements (if approved) will be audited.

Non compliances will be identified and actions / recommendations provided to the relevant party with timeframes to address the NC.

A Non-Conformance Report (NC) will be issued to the relevant party as a final step towards rectifying a failure in complying with a requirement of the EMPr. This will be issued by the external ECO / auditor / internal ECO as required in writing. Preceding the issuing of a NCR, the relevant party must be given an opportunity to rectify the issue.

If the issue is not addressed, the non-compliance will be reported to the CA (DEDEAT) by the KHOA / auditor / ECO as applicable.

Should an incident or issue be significant (e.g. non-repairable damage to the environment), it will be reported to the relevant authorities and immediately escalated to the level of a NCR.

The following information should be recorded as applicable:

- Details of non-conformance including as applicable;
 - Details of activity carried out
 - Any equipment involved;
 - Any chemicals or hazardous substances involved;
 - Work procedures not followed;
- Actions agreed to by all parties following consultation to adequately address the non-conformance in terms of specific control measures and should take the hierarchy of controls into account;
- Agreed timeframe by which the actions documented in the NCR must be carried out; and
- Date NC addressed and Close-Out the Non-Conformance

4.4. Emergency Response

Emergency procedures must be in place to ensure appropriate responses to unexpected / accidental actions / incidents that could cause environmental impacts. Emergency procedures to include the following:

- Trained as required in terms of incidents and emergency situations;
- Details of the organisation (i.e. manpower) and responsibilities, accountability and liability of personnel;
- A list of key personnel and contact numbers;
- Details of emergency services (e.g. the fire department / on-site fire detail, spill clean-up services) shall be listed;
- Internal and external communication plans, including prescribed reporting procedures;
- Actions to be taken in the event of different types of emergencies;
- Incident recording, progress reporting and remediation measures to be implemented; and
- Information on any hazardous materials, including the potential impact associated with each, and measures to be taken in the event of accidental release.

5. ENVIRONMENTAL MANAGEMENT PROGRAMME

It is important that mitigation measures are strictly adhered to and that all measures are taken to reduce the disturbance footprint wherever possible to minimize negative impacts.

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5.1. EMP Targets – Planning, Construction, Operations

5.1.1. Planning Activities

Impact: Noncompliance to conditions of Environmental Authorisation can have financial implications and lead to delays in the project. Insufficient budget, planning and responsibility allocated for environmental management will result in unmitigated impacts.

Responsibility: Holder of EA, architect, engineers, town planners as applicable

The following is a summary checklist that can be used to ensure compliance to mitigation measures for planning phase:

Targets:

- ✓ Suitable budget to be assigned to environmental management requirements for construction and operational phase
- ✓ Operational management plans are to be aligned to mitigation measures and conditions of the Environmental Authorisation (if attained)
- ✓ EA in place
- ✓ Rezoning to be affected within 24 months of date of signature of EA amendment
- ✓ Ensure required budget is in place for rezoning application
- ✓ Ensure steps are taken to ensure rezoning is carried out within stated timeframe
- ✓ Rezoning as open space 3, open space 2 and resort as per Figure 4 in this report is recommended to ensure intact area is designated conservation use area.
- ✓ Ensure layouts, designs and accompanying engineering drawing are approved as required
- ✓ Internal KHOA ECO appointed
- ✓ ECO (external) appointed as required
- ✓ Local contractor appointed
- ✓ EMPr and EA distributed to all members of KHOA and construction / maintenance team as required
- ✓ Environmental Management File is put in place to contain all documents / report which pertain to the relevant conditions of the planning, construction and operational phases (e.g. EA, EMPr, permits, waste disposal certificates, audit reports etc.)
- ✓ Search and Rescue and required Permits in place (trees, flora)
- ✓ Chance finds procedure (CFP) submitted to ECHPRA if and as required
- ✓ Amendment of conditions of EA if and as required
- ✓ Revision of EMPr if and as required

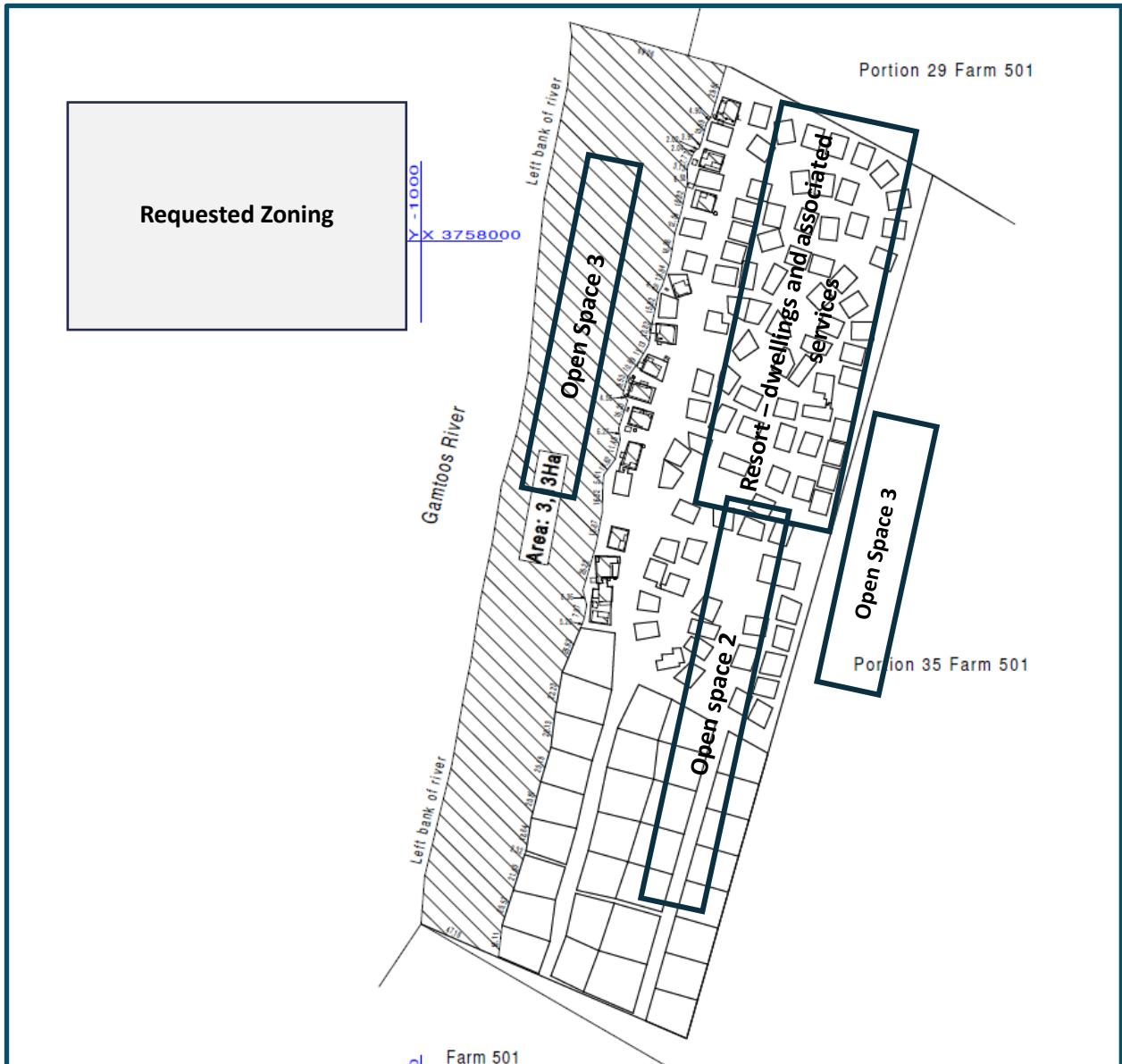


Figure 1: Rezoning request (Surveyed by Allen Nicholson on behalf of KHOA and recommended by the DEDEAT)

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40. Resort Zone

LAND USE CATEGORY		Resorts	
ZONING		Resort Zone	
PURPOSE		Resort	
Objectives			
<ul style="list-style-type: none"> The use of land for the purpose of short term tourism accommodation, including caravan parks, chalets, mobile dwellings etc. The use of land for purposes and purposes aligned towards utilising the aesthetic and bio-physical qualities of the area. 			
USE OF THE PROPERTY			
Primary Use	Definition	Consent Use	
Holiday Accommodation	means a place of rest, holiday place, tenting or camping ground, caravan park, game park, pleasure resort or picnic spot intended for public recreation with the view to profit or gain and includes a place of refreshment and other buildings normally related and appurtenant to such a resort, as approved by the Local Authority, provided that no facility within the resort shall be occupied by any person for a period exceeded three(3) months within a period of twelve (12) months, except with the consent of the Local Authority	<ul style="list-style-type: none"> Licensed Hotel Resort Shop Social Facility Tourist Facility 	
DEVELOPMENT PARAMETERS			
Building Lines		Height	Coverage
<i>Street</i>	<i>Lateral & Rear</i>		
5m	5m	11m	20%

35. Open Space Zone 2

LAND USE CATEGORY		Open Space	
ZONING		Open Space Zone 2	
PURPOSE		Private Open Space	
Objectives			
<ul style="list-style-type: none"> Land for the provision of active and passive recreational areas on private owned land. Generally to promote private recreation, enhance aesthetic appearance and promote the maintenance of a functional open space system. 			
USE OF THE PROPERTY			
Primary Use	Definition	Consent Use	
Private Open Space	means land which is for private use, and is used as an open area, park, garden, playground, recreation ground or square and can form part of a residential development	<ul style="list-style-type: none"> Cemetery Camping Site Sport Facility Tourist Facility 	
DEVELOPMENT PARAMETERS			
Building Lines		Height	Coverage
<i>Street</i>	<i>Lateral & Rear</i>		
Site and Development Specific as imposed by Municipality			
Parking			
Not applicable			

General Provisions

- No building or structure shall be erected or use practiced, except if same is compatible with "private open space", as defined.
- The Municipality shall in each case, depending on unique circumstances, stipulate land use restrictions and additional conditions.

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36. Open Space Zone 3

LAND USE CATEGORY		Open Space	
ZONING		Open Space Zone 3	
PURPOSE		Conservation	
Objectives			
<ul style="list-style-type: none"> • The use of land for conservation and natural areas. • Include statutory and non-statutory conservation areas and provision for these land uses. • Protection of the natural environment and for conservation and biodiversity purposes for areas which is regarded as conservation worthy. 			
USE OF THE PROPERTY			
Primary Use	Definition	Consent Use	
Conservation Area	means land used or declared for the conservation, biodiversity, archaeological preservation and protection of natural areas, whether publicly or privately owned, or which has been declared a nature park or reserve and includes a game park, reserve for fauna and flora and includes buildings and facilities directly related to management of the conservation area or nature reserve, inclusive of facilities for day visitors, but does not include overnight accommodation and tourist facilities	<ul style="list-style-type: none"> • <i>Holiday Accommodation</i> • <i>Landing Pad</i> • <i>Tourist Facility</i> 	
DEVELOPMENT PARAMETERS			
Building Lines		Height	Coverage
<i>Street</i>	<i>Lateral & Rear</i>		
Site and Development Specific as imposed by Municipality			
Parking			
Not applicable			

5.1.2. Construction / Maintenance activities

Impact: Noncompliance to conditions of Environmental Authorisation can have financial implications, loss of indigenous plants and animals, spread of alien invasive plants, erosion and polluting activities.

Insufficient budget, planning and responsibility allocated for environmental management will result in unmitigated impacts.

Responsibility: Holder of EA, contractors / maintenance contractors as applicable

The following is a summary checklist that can be used to ensure compliance to mitigation measures for construction activities

Targets:

- ✓ EM file kept updated
- ✓ ECO monthly audit reports as required
- ✓ Necessary training provided as per scope of work and records kept i.e., toolbox talks
- ✓ Working hours: Restrict to weekdays between 07:00 to 17:00; no weekends or public holidays
- ✓ No blanket clearing of vegetation.
- ✓ Designated footprint and laydown, stockpiles, waste management area with boundary of erf as far as possible and in area designated by internal / external ECO; Pegs / tape / screening material as required for demarcation
- ✓ No go areas designated (outside erf and designated area; open space 3 areas)
- ✓ Topsoil / lawn separated; plants for re-use bagged;

EAP Services

- ✓ Topsoil stockpiled at 1 m height, suitably mulched and reused
- ✓ Subsoils reused where necessary; excess is disposed correctly and timeously
- ✓ No disturbance of indigenous plants outside development footprint
- ✓ No AIS in construction footprint
- ✓ No disturbance to fauna
- ✓ Ablution facilities (Ratio of 1:10), as required
- ✓ Waste plan in place
- ✓ No refuelling on site; no service of vehicles on site
- ✓ Drip trays, spill kits and hazardous waste bin as required
- ✓ Mixing containers and plastic liners (cement)
- ✓ Water cart / shade cloth for dust control
- ✓ Fire prevention training provided, and records kept;
- ✓ Fire response measures in place; emergency numbers on hand
- ✓ Sand bucket for cigarette disposal
- ✓ Code of conduct
- ✓ Incident / complaint register in place
- ✓ Records of waste management / toilet service
- ✓ External monthly audits carried out and kept on record
- ✓ Close out audits and any actions required
- ✓ No waste at end of construction; disturbed areas revegetated

5.1.3. Operational Activities

Impact: Noncompliance to conditions can result in unnecessary disturbance to indigenous plants and fauna

Responsibility: Holder of EA (KHOA)

The following is a summary checklist that can be used to ensure compliance to mitigation measures for operational activities

- ✓ No fires outside demarcated areas
- ✓ Fire prevention and response plan in place
- ✓ Waste management plan in place
- ✓ Indigenous landscape
- ✓ Fencing around individual resort erven as required
- ✓ Stormwater management in place and adapted as necessary
- ✓ Water reticulation in place and adapted for reuse as far as possible
- ✓ Electricity reticulation in place and adapted for renewable energy as far as possible
- ✓ Areas on requiring erosion control are addressed as required
- ✓ No AIS in landscaping and ongoing AIS removal
- ✓ No feeding of wildlife and no unnecessary distance to wildlife
- ✓ Night lighting reduced as far as possible to reduce impact on wildlife

Table 1: Project Apects to be completed by construction / maintenance team as rquired

Activity:	Description of activity (i.e. AIS clearing, construction of dwelling, maintenance activity etc)			
Responsible person:				
Aspect	Nature / Description	Required		Notes to be completed by responsible person for KHOA and internal / external ECO
		✓	✗	
Scope of work	Description of scope of work and accompanying method statement / s	✓		
Designs / Plans completed	As required for scope of work			
Environmental Training	Environmental training required (i.e. excavations – archaeology; ongoing – litter; AIS; no -go)			
Health and safety	As required – HS File, first aid etc.			
Workforce	Number of workers required?			
	Required environmental management training (i.e. waste, soil management etc)			
	Local labour			
Suppliers	Local suppliers			
Transport and traffic	Transport required for site workers?			
	Access and parking requirements			
Site clearing	Area to be cleared			
	Permits on hand; Plants removed and stored			
Vegetation management	No disturbance to vegetation outside footprint	✓		
	Remove alien invasive from footprint as required	✓		
	Pegs / screening material for designating footprint			
Topsoil management	Top 200 mm soil with indigenous vegetation intact			
	Stockpile separately			

EAP Services

Activity:	Description of activity (i.e. AIS clearing, construction of dwelling, maintenance activity etc)			
Responsible person:				
Aspect	Nature / Description	Required		Notes to be completed by responsible person for KHOA and internal / external ECO
		✓	✗	
	Compost separately as mulch elsewhere in landscaping / open space 2 / open space 3 as required			
Earthworks and subsoil management, erosion control / archaeology and Palaeontology resources	Area and depth to be excavated			
	Volume of material to be excavated per component			
	Duration of earthworks component			
	Where will excavated material be stored on site; subsoils covered; Rocks for landscaping; excess for landfill;			
	Shade cloths / water cart – dust control			
	Inspect stockpiles for archaeological resources and report as required			
Building material and equipment	Nature of required materials and equipment			
	Storage requirements / laydown areas for materials / equipment			
	Hazardous materials / substances – sealed containers, bunded area, non-permeable flooring, secure, equipped with roof.			
Waste management	Ablution facilities – Required? Number? Service Provider? Record of service to be kept	✓		
	General waste bins			
	Drip trays, cement mixing trays, plastic liners,			

EAP Services

Activity:	Description of activity (i.e. AIS clearing, construction of dwelling, maintenance activity etc)			
Responsible person:				
Aspect	Nature / Description	Required		Notes to be completed by responsible person for KHOA and internal / external ECO
		✓	✗	
	Spill kits, hazardous waste bins			
	Skip			
	Service providers (waste / ablutions)			
	Construction rubble – designated area / skip as required			
	General waste – General waste bins with lids and labelled / storage area			
	Hazardous waste – drip trays / spill kits / storage area			
Drinking water and lunch area	Quantity required? Lunch area provided? Source of drinking water?			
Existing structures	Location of existing structures / infrastructures that may be in construction footprint			
Working hours	Working hours – no weekends, no public holidays, no night time.	✓		

5.2. Conditions of EA in tabular format

Table 2: Description of activity in EA

Description of Activity	Comment
The proposed project entails the upgrading of the existing Kingsway Resort located on Portion 34 of the Farm Mauritzkraal 501 on the bank of the Gamtoos River within the Kouga Municipal area. Furthermore Portion 1 of the Farm Mauritzkraal 501 will be Incorporated into the existing Kingsway Resort.	No change
The proposed upgrading of the existing Kingsway Resort will therefore entail the following:	
A change in land use of Portion 1 from Agriculture to another use in order to facilitate its Incorporation Into the existing Kingsway Resort;	no change
<i>Provision of an additional 30 erven of approximately 120m2 each in size to be located on the northern section of Portion 34 and selected sites on Portion 1;</i>	<i>no change</i>
Provision for Individual erven (existing as well as new) to be zoned as Resort Zone II in order to facilitate the subdivision thereof into separate sectional title units;	No change
All undeveloped land within Portions 1 and 34 to be zoned as Open Space III, regarded as common property and to be managed as a protected natural area or as a Nature Reserve by the Kingsway Homeowners Association; and	Amendment requested
All undeveloped land within portions 1 and 34 (currently Ptn 35 / 501 and RE 209 / 501) outside Individual Resort II portions and open space 2 area between these individual portions, to be zoned as Open Space zone 3 and managed as a as a protected natural area or Nature Reserve by the Kingsway Homeowners Association.	
Upgrading of the water supply by means of the construction of a 200 Kt water storage reservoir In the old quarry on Portion 29 of the Farm Mauritzkraal 501 adjacent to the existing pipeline servitude (Site A on Drawing 21991/02 In Annexure 6 of the Final Scoping Report).	No change
Sewage will be disposed of by means of conservancy tanks.	No change
Electricity will be sourced from the existing electrical supply to the resort,	No change
Water is currently piped from the Churchill Pipeline to the Caravan Resort via a 2-meter-wide servitude across the Remainder or Portion 29 of the Farm Mauritzkraal 501 to Portion 34 of the same. The current water supply system to be upgraded by the addition of a storage reservoir as detailed above.	No change
Access to the Resort will remain via the existing 5-meter-wide access road while the internal road network Will be upgraded to provide <i>tor</i> a 4-meter-wide internal road network.	No change

EAP Services

Description of Activity	Comment
The upgrading of the existing Kingsway Resort is a listed activity in terms of Item 1(m) of Schedule 1 to GN R1182 of 5 September 1997 for which an authorization needs to be issued in terms of Section 22 of the Environment Conservation Act, Act 73 of '1989 (ECA). Other listed activities that are triggered by the proposed development that requires authorization in terms of Section 22 of ECA include: 1(k) The construction or upgrading of reservoirs for public water supply. 2(c) The change in land use from agriculture to any other use.	No change

Table 3: Conditions of EA - duration and planning

No.	Condition of EA	Comment
	Conditions of authorisation – duration of authorisation	
7.1	The change land use of Portions 1 and 34 of the Farm Mauritzkraal No 501, to be affected within 12 months of the date of signature of this authorization, by means of a rezoning in terms of the Land Use Planning Ordinance, Ordinance 15 of 1985.	Amendment requested
	The change land use of Portions 1 and 34 of the Farm Mauritzkraal No 501, to be affected within 24 months of the date of signature of this authorization, by means of a rezoning in terms of the Spatial Planning and Land Use Management Act 16 of 2013	
7.2	Construction of bulk service infrastructure to commence within 12 months of the rezoning being affected and to be completed within 24 months of commencement.	No change
7.3	Construction of housing infrastructure to commence within 12 months of completion of the construction of bulk service infrastructure and to be completed within 60 months of commencement.	Amendment requested
	Construction of individual dwelling to commence after completion of the construction of bulk service infrastructure and to be completed within 12 months from date of commencement of construction.	
7.4	Conditions relating to the operational phase of the project are valid for the lifetime of the project.	No change
	Conditions of authorisation – General conditions	
8.1.1	This authorization is subject to all other statutory requirements being met, notably the requirements of the Land Use Planning Ordinance, Ordinance 15 of 1985, the National Forest Act, Act 84 of 1998 and the National Water Act, Act 36 of 1998.	No change Note: Land Use Planning Ordinance, Ordinance 15 of 1985 been replaced by SPLUMA

No.	Condition of EA	Comment
8.1.2	This authorization pertains only to the activities as described in Section 1 of this Record of Decision. Any other listed activities would be subject to authorization in terms of Section 24 of the National Environmental Management Act, Act 108 of 1998.	No change Note: amendment of project description required.
8.1.3	Any changes in the project that could have significant environmental Impacts and that would differ from that which was authorized by this Department, is to be submitted to this Department for approval prior to such changes being effected.	No change
8.1.4	The conditions of this authorisation shall form part of any contract entered into between the applicant and any contractor and / or subcontractor.	No change
8.1.5	Should any environmental damage be detected, that in the opinion of this Department, is the result of the development, than the applicant shall be required to make good that damage to the satisfaction of the said authority at his/her own expense.	No change
8.1.6	In the event of any dispute as to what constitutes environmental damage, this Department's opinion will prevail.	No change
8.1.7	This Department must be notified, within 30 days of any changes of ownership/project developer. Conditions established in this Record of Decision must be made known to and are binding on the new owner/project developer.	No change
8.1.8	This Department must be notified of any change of address of the owner/project developer.	No change
8.1.9	This Record of Decision must be made available to any interested and affected party who has registered their interest in the proposed development, as well as all relevant organs of state. The applicant is responsible for ensuring that a copy of this Record of Decision Is given to any such Interested and affected party within a week of receiving this Record of Decision.	No change
8.1.10	The listed activity as described in Section 1 of this Record of Decision and hereby authorized may not commence prior to the lapsing of the appeal period as provided for In Section 10 of this Record of Decision.	No change
	Conditions of authorisation – Conditions specific to establishment (inclusive of layout and design) of the Kingsway Caravan Resort expansion	
8.2.1	Portion 34 of the farm Mauritzkraal 501 within the Kouga Municipal area to be rezoned from Resort I to Resort II and Private Open Space III In terms of the Land Use Planning Ordinance, Ordinance 15 of 1985 and Portion 1 of the farm Mauritzkraal 501 to be rezoned from Agriculture to Resort II and Private Open Space III to facilitate the upgrading/ expansion of the existing Kingsway Resort	Amendment requested
	Portion 34 of the farm Mauritzkraal 501 (currently RE 209 / 501) within the Kouga Municipal area to be rezoned from Resort I to Resort II and open space 2 and open Space 3 In terms of the Land Use Planning Ordinance,	

EAP Services

No.	Condition of EA	Comment
	Ordinance 15 of 1985 (currently SPLUMA) and Portion 1 (currently Ptn 35 / 501 and RE 209 / 501) of the farm Mauritzkraal 501 to be rezoned from Agriculture to Resort II and open space 2 and open space 3 to facilitate the upgrading/ expansion of the existing Kingsway Resort	
8.2.2	Portions 1 and 34 of the farm Mauritzkraal 501 within the Kouga Municipal area to be consolidated into one land unit.	No change; To be zoned as resort, open space 2 and open space 3
8.2.3	Upgrading/ expansion of the existing Kingsway Resort to be limited to the provision of 30 additional erven and associated service infrastructure as described in Section 1 of this Record of Decision.	No change Section 1 requested to be amended
8.2.4	A detailed surveyed layout plan to be submitted to this Department for approval prior to any construction commencing on site. The layout plan to include amongst others	No change
8.2.4.1	Provision for a maximum of 30 additional erven on the northern part of Portion 34 and selected sites on Portion 1:	No change
8.2.4.2	Allocation of all land other than Individual Resort II portions as Open Space III;	Amendment requested To be zoned as resort, open space 2 and open space 3
	Allocation of all land other than Individual Resort II portions as open space 2 and <u>Open Space 3</u>	
8.2.4.3	The exact location of Individual components of the development, Inclusive of service Infrastructure:	No change
8.2.4.4	The exact location of the entrance gate facility as well as the access road and Internal roads; and	No change
8.2.4.5	The exact location of Individual components of the development, Inclusive of service Infrastructure:	No change
8.2.4	A detailed surveyed layout plan to be submitted to this Department for approval prior to any construction commencing on site. The layout plan to include amongst others	No change
8.2.5	The position of the 30 additional erven as provided for in Condition 8.2.4.1, to be determined In conjunction with an ecologist / vegetation specialist in order to ensure that minimal Indigenous vegetation needs to be removed to facilitate construction of individual dwellings.	No change
8.2.6	Detailed plans regarding the design and specification of the internal water reticulation and sewage infrastructure to be submitted to DEDEA for approval prior to the commencement of any construction activity on the site. Such detailed design and specification to include the provision of fire hydrants at 120m intervals along its length.	No change

No.	Condition of EA	Comment
8.2.7	Each owner of all individual erven to be bound as a condition of title to be a member of the Kingsway Homeowners Association.	No change
8.2.8	All land contained In Portions 1 and 34, other than the existing individual dwellings within Portion 34 and the new proposed dwellings on Portion 34 and selected sites on Portion 1, is to be registered in the name of Kingsway Homeowners Association. Furthermore, such land is to be regarded as communal property and to be maintained in its natural state.	No change
8.2.9	Concomitant to Condition 8.2.8, a land use restriction to be registered against the Private Open Space III component of the Kingsway Resort to ensure management thereof as a protected natural area or a Nature Reserve by the Kingsway Homeowners Association in perpetuity	No change <i>Amendment to area designated as open space 3 requested</i> Remove open areas between erven from protected natural area and zone as private open space 2.
8.2.10	A service agreement between the Kingsway Resort and the Kouga Municipality, which specifically addresses, inter alia, the removal of sewage effluent and waste to be submitted to this DEDEA prior to the commencement of the authorized activity.	No change
8.2.11	Placement and design of dwelling units on individual erven is to be carried out in accordance with the Kingsway Homeowners Association General Building Regulations and must maximize visual shielding from surrounding areas.	No change
8.2.12	Individual dwelling units and associated structures, inclusive of any gardening, must be confined to within the individual erven and may not encroach onto common property adjacent to erven,	No change
8.2.13	<i>Individual dwelling units and all other buildings to be restricted to single story.</i>	No change
8.2.14	Construction and / or placement of new dwelling units and associated Infrastructure may not commence prior to the completion of the installation of associated bulk services. These include amongst others:	No change
8.2.14.1	Integration of electricity supply into the existing municipal supply chain	No change
8.2.14.2	Installation of bulk water supply including Internal reticulation and the construction of the reservoir and associated infrastructure on the neighbouring Portion 29 of the Farm Mauritzkraal No. 501; and	No change
8.2.14.3	Provision of sanitation facilities for undeveloped erven in the form of conservancy tanks to be installed in accordance with the relevant SASS standards and any requirements that the Department of Water Affairs and Forestry (DW AF) may have.	No change
8.2.15	Road width of the main access road to be restricted to 5m and of any internal roads to 4m. The length of any new roads to be restricted to the minimum required for adequate, reasonable access to Individual dwellings.	No change

No.	Condition of EA	Comment
8.2.16	The provision of water, sewage and electrical Infrastructure to be accommodated within the internal road system and the individual access roads. No overhead power lines to be allowed.	No change

Table 4: Conditions of EA- construction phase

No.	Conditions of EA	Comment
	Conditions of authorisation - specific to construction phase	
8.3.1	A comprehensive Environmental Management Plan (EMP) to be compiled and submitted to this Department for approval and implemented in the construction phase of the project. The EMP to include amongst others:	No change
8.3.1.1	Applicable conditions as contained in this record of decision;	
8.3.1.2	General principles of environmental management as applicable to construction activities including environmental best practice. erosion control, protection of indigenous vegetation, etc.;	
8.3.1.3	Mitigatory measures and recommendations contained in the Scoping Report by Anton Bok Aquatic Consultants being "EIA Scoping Report for Kingsway Caravan Park Pty (Ltd)- Subdivision and Rezoning of Portion 34 of Farm Mauritzkraal Na. 501, Uitenhage District from Resort 1 to Resort 2 for expansion of the Kingsway Caravan Resort" dated June 2007:	
8.3.1.4	A waste management programme to address waste management during the construction phase	
8.3.1.5	A storm water management plan to manage storm water during the construction phase;	
8.3.1.6	Clear stipulations as to who is responsible and accountable for what actions; and	
8.3.1.7	A general code of conduct for any contractor that might be carrying out any work on the development site.	
8.3.2	General principles of environmental management as provided for in Condition 8.3.1.2. to provide for amongst others, the following:	No change
8.3.2.1	Generators and fuel supply needed during construction to be placed on trays, which rest on clean sand. Once construction has been completed, this sand must be removed from site and disposed of at an appropriately registered waste disposal site.	No change
8.3.2.2	Management of topsoil, including the separate stockpiling and reinstatement thereof	No change
8.3.2.3	Management of dust that may be generated during construction from the access road and soil stockpiles. Excavated material must be dampened to minimize dust until such time that use of the road by heavy vehicles ceases, the stockpiled material has been utilized during the rehabilitation process, or that it can be removed and disposed of.	No change

EAP Services

No.	Conditions of EA	Comment
8.3.2.4	No cement/ concrete mixing to take place on the soil surface. Cement mixers to be placed on large trays to prevent accidental spills from coming into contact with the soil surface.	No change
8.3.2.5	No fill material to be brought on site. Excess material remaining after construction, to be removed from the site and disposed of at a registered waste disposal site.	No change
8.3.2.6	Any substrate contaminated by the spillage of hydrocarbons or other pollutants to be removed from site and disposed of at a registered waste disposal site.	No change
8.3.3	The waste management programme as provided for in Condition 8.3,1.4 to provide for amongst others:	No change
8.3.3.1	All contaminated soil must be removed from the site and disposed of at an appropriately registered waste disposal site;	No change
8.3.3.2	Any substrate contaminated by the spillage of hydrocarbons or other pollutants is to be removed from the site and disposed of at an appropriately registered waste disposal facility;	No change
8.3.3.3	An adequate number of bins, with securely fitted lids to prevent access by scavengers, must be placed at strategic points on the construction site and must be emptied every second day, or more often if required. Waste must be disposed of in a secure manner, at a registered waste disposal site;	No change
8.3.3.4	A litter control program must be implemented on site; and	No change
8.3.3.5	Chemical toilets must be provided for the construction workers. These toilets must be emptied and cleaned as per the manufacturer's instructions.	No change
8.3.4	The stormwater management plan provided for in condition to provide for amongst others;	No change
8.3.4.1	Accommodation of stormwater generated by the proposed development on site	No change
8.3.4.2	Surface run-off across the site must be controlled where necessary, with berms or temporary drainage ditches;	No change
8.3.4.3	Construction activities on exposed soils must be halted during events of high intensity rainfall;	No change
8.3.4.4	Measures to reduce stormwater runoff from hardened surfaces, as far as possible including permeable paving to enhance infiltration, as appropriate;	No change
8.3.4.5	Roadside swales to be sloped at less than 1:3: and	No change
8.3.4.6	Dissipation measures to be implemented at discharge points for run-off water from the road to prevent erosion	No change
8.3.5	An Environmental Control Officer (ECO) to be appointed for the duration of the construction period. The ECO to ensure implementation of and compliance with the conditions of this Record of Decision and the stipulations of the EMP.	No change

EAP Services

No.	Conditions of EA	Comment
8.3.6	Concomitant to Condition 8.3.5, compliance with and adherence to the conditions of this Record of Decision and the stipulations of the EMP to be audited on a monthly basis for the duration of the construction phase and such audit reports to be submitted to DEDEA.	No change
8.3.7	This Department reserves the right to impose corrective measures as it sees fit on the applicant in the event that it is not satisfied with the applicant's performance in relation to the EMP referred to in Condition 8.3.1 or with the auditing process <i>per se</i> .	No change
8.3.8	Contractors and sub-contractors to ensure that their staff is made aware of the conditions of this Record of Decision and the stipulations of the EMP. Furthermore, all relevant environmental controls and requirements in this Record of Decision and the stipulations of the EMP to be included in the specification documents for contractors.	No change
8.3.9	A performance-based requirement with regard to environmental impact management must be included in all contracts related to any activity of this authorization.	No change
8.3.10	The developer will be held liable in the event of non-compliance by any contractor associated with this activity.	No change
8.3.11	Construction to be restricted to normal working hours being 07:00 to 17:00 on weekdays.	No change
8.3.12	The development footprint of each Individual unit as well as the area to be used for the installation of services and the Individual approach road to each site to be clearly demarcated with pegs. All areas outside the demarcated areas are to be indicated as "no-go" areas for construction workers, machinery and vehicles and access to these areas are to be prohibited.	Amendment required
	The development footprint of each Individual unit as well as the area to be used for the installation of services and the Individual approach road to each site to be clearly demarcated with pegs. <u>Permission from KHOA to be granted for required laydown areas that may encroach onto open space 2; these must be clearly demarcated with pegs. All open space 3 areas and</u> areas outside the demarcated area to be designated as "no-go" areas for construction workers, machinery and vehicles and access to these areas are to be prohibited.	
8.3.13	Prior to project implementation a once over botanical survey must be carried out by a botanical specialist, to establish whether any species which are of special concern or protected in terms of the Nature and Environmental Conservation Ordinance, Ordinance 19 of 1974, or in terms of the National Forests Act, Act 84 of 1998 occur on the areas of the site earmarked for development.	No change
8.3.14	In the event of any species of special concern or species protected in terms of the Nature & Environmental Conservation Ordinance, Ordinance 19 of 1974 being present, a permit in terms of the Ordinance to be obtained DEDEA for the removal and/or translocation of such species	No change
8.3.15	A permit to be obtained from the Department of Water Affairs and Forestry for the removal of any trees that may be protected in terms of the National Forest Act, Act 84 of 1998 prior to vegetation clearing commencing on site.	No change
8.3.16	Any species identified in terms of Condition 8.3.13 and to be removed in terms of Conditions 8.3.i 4 and 8.3.15 as well as any other plant species suitable for rehabilitation and landscaping of disturbed areas, to be rescued in consultation with	No change

No.	Conditions of EA	Comment
	the botanical specialist referred to in Condition 8.3.13 before vegetation clearing takes place. Such species to be used for the rehabilitation of disturbed areas on the development site and in areas where the natural vegetation has been impacted on by human influence	
8.3.17	No blanket clearing of vegetation to take place on the site. Vegetation only to be cleared to facilitate construction/Installation of Infrastructure and the building of individual houses and such clearing to be restricted to the areas that has been pegged out in accordance with Condition 8.3.12. All vegetation on areas that are not developed immediately, to remain intact until such areas are developed.	No change
8.3.18	All construction activities on the site, inclusive of stockpiling of material and storing of equipment/machinery, must be limited to the area demarcated in accordance with Conditions 8.3.12 and 8.3.17.	No change
8.3.19	Concomitant to Condition 8.3.18, areas for the stockpiling of material and the storing / parking of machinery and equipment to be designated in conjunction with the ECO.	No change
8.3.20	The use of earth moving equipment to facilitate provision of services and other construction activities to be restricted to within the approved roadways as provided for in the layout plan to be submitted to this Department for approval in terms of Condition 8.2.4.	No change
8.3.21	Concomitant to 8.3.20, all other trenches and/ or earthmoving activities necessary for the installation of services and construction, to be done by hand and rehabilitated after installation.	No change
8.3.22	No earthmoving equipment to be used for the clearing of vegetation and any clearing that might be necessary to be done by hand held tools (including chain saws and hand-held brush cutters).	No change
8.3.23	No servicing of vehicles/ machinery, inclusive of refuelling, is to be allowed on site.	No change
8.3.24	Topsoil within the footprint of the development must be removed and stockpiled separately for use in on-site re-vegetation programme. Stockpiles must be no higher than 1m and must be protected from erosion. If the soil is to be stockpiled for more than a year, it must be seeded with an indigenous grass mix and covered with a mulch layer to help retain the viability of the seed bank. Topsoil may not be sold or used off-site.	No change
8.3.25	Any areas disturbed on individual sites due to construction activities, must be rehabilitated with indigenous vegetation immediately after construction on the individual site has been completed.	No change
8.3.26	Adequate preventive measures to be undertaken to avoid danger or destruction of any archaeological sites and other resources during development of the site. In the event of any potential archaeological site being encountered, all work on site will cease and a qualified archaeologist be deployed on site for investigation. Any such area to be cordoned off subject to the outcome of such investigation and subsequent consultation with the South African Heritage Resources Agency (SAHRA).	No change
8.3.27	A post-construction environmental audit is to be conducted after completion construction phase of the development and submitted to this Department.	No change

No.	Conditions of EA	Comment
8.3.28	Notwithstanding the provisions of any of these conditions, all mitigation measures and recommendations contained in the Final Scoping Report, being "EIA Scoping Report for the subdivision and rezoning of Portion 34 of Farm Mauritzkraal No. 501, Uitenhage District, from Resort 1 to Resort 2 for expansion of the Kingsway Caravan Resort" by Anton Bok Aquatic Consultants dated June 2007. submitted in support of the application. and any other documents to be read in conjunction with such report are deemed to be conditions In terms of this Record of Decision.	No change

Table 5: Conditions of EA- operational phase

No.	Conditions of authorisation	Comment
8.4.1	The land unit that is the subject of this Authorization and Record of Decision to be managed for conservation purposes.	Amendment requested To be managed as applicable for resort, private open space and open space 3.
8.4.2	A comprehensive operational management plan to be compiled by a suitably qualified and experienced professional and submitted to this office for approval/ endorsement within 12 months of the date of signature of this authorization. Such management plan to include amongst others:	No change
8.4.2.1	An alien vegetation control program for the removal of alien vegetation in a controlled and phased manner, including rehabilitation of areas that have been degraded through invasion by exotic plant material;	
8.4.2.2	A rehabilitation plan for all disturbed areas on the property;	
8.4.2.3	A comprehensive vegetation management program: and	
8.4.2.4	A comprehensive fauna management program; and	
8.4.2.5	Landscaping guidelines for Individual owners as well as for the Kingsway Homeowners Association in general.	
8.4.3	The rehabilitation plan contemplated in Condition 8.4.2.2 to provide for amongst others:	No change
8.4.3.1	The restoration / rehabilitation of transformed areas that will remain undeveloped; and	
8.4.3.2	Establishment of Indigenous thicket plant species appropriate to the region as listed in section 5.1 of the Botanical Survey contained in the Scoping Report.	

EAP Services

No.	Conditions of authorisation	Comment
8.4.4	The fauna management plan contemplated in Condition 8.4.2.4 to include a stipulation that no fauna which does not occur naturally on the property, or in all likelihood did not historically occur on the property, shall be Introduced onto the property.	No change
8.4.5	The subject property to be managed in accordance with the management plan required In Condition 8.4.2.	No change
8.4.6	Concomitant to Condition 8.4.7, the to-be established Home Owners Association to be responsible for the effective management of the subject property in accordance with the management plan contemplated in Condition 8.4.2. In this regard a dedicated person to be designated / appointed to oversee the implementation of and ongoing adherence to the management plan.	No change
8.4.7	Compliance with the management plan to be audited on an annual basis and the results of such audits to be made available to DEDEA upon request.	No change
8.4.8	A code of conduct incorporating general as well as environmental management rules to be drawn up for the operational phase of the project and submitted to DEDEA for approval.	No change
8.4.9	The code of conduct to address amongst others:	
8.4.9.1	Appropriate mechanisms to ensure that all owners of individual erven formally endorse environmental conservation as the primary point of departure on the site as well as adherence to norms and standards set by such a code of conduct and the management plan referred to in Condition 8.4.2;	
8.4.9.2	Appropriate mechanisms to ensure that the conduct of any contractors, service providers, staff as well as any other visitors to the site conduct themselves In a manner which Is in keeping with the norms and standards set by the code of conduct and the management plan referred to in Condition 8.4.2; and	
8.4.9.3	Mechanisms to ensure the ongoing overseeing of adherence to the norms and standards set by the code of conduct and reserve management plan	
8.4.10	Such a code of conduct to be included as a section in the management plan to be complied in accordance with Condition 8.4.2.	
8.4.11	A waste management plan to be designed and implemented for the operational phase of the development.	
8.4.12	The waste management plan to address amongst others:	No change
8.4.12.1	The minimization and sorting of waste at source:	
8.4.12.2	Consideration of the compacting of non-recoverable solid waste prior to It being transported to a registered waste disposal site;	

No.	Conditions of authorisation	Comment
8.4.12.3	Appropriate use and rehabilitation of the existing refuse dumps on Portion 1 (use thereof to be limited to organic waste); and	
8.4.12.4	Recycling of recoverable waste.	
8.4.13	The landscaping guidelines provided for in Condition 8.4.2.5 to provide for amongst others:	No change
8.4.13.1	No private gardening, whether for ornamental, consumptive or any other purpose may take place on the Private Open Space III component of the property;	No change No gardening on open space 3
8.4.13.2	Limited landscaping can be allowed as part of site rehabilitation on Individual portions, but such landscaping must be restricted to the use of indigenous plant species and must be in keeping with the natural vegetation found on the property. Established, non-invasive alien species may be retained but the area is to be kept clear of all invasive alien plant species.	Amendment required Open space 2 to be included for rehabilitation after maintenance activities carried out.
8.4.14	No domesticated animals, whether of household, agricultural or any other variety may be kept on the Private Open Space III component of the property.	No change
8.4.15	Any fencing of the property boundaries to be such that it would allow the passage of fauna up to the size of bushbuck, <i>Tragelaphus scriptus</i> , through it.	No change
8.4.16	No internal fences/boundary walls may be constructed on the property other than to delineate the extent of Individual portions.	No change
8.4.17	Vehicular traffic to be confined to the approved roadways and no vehicles are allowed to travel off such approved roadways.	No change
8.4.18	No fires are allowed on the property for any reason whatsoever, except in purpose-built fireplaces and/ or as part of the vegetation management program contained in the management plan. Contemplated in Condition 8.4.2.	No change
8.4.19	No herbicides to be used for the control of vegetation except if such is used as prescribed for the control of invasive alien vegetation.	No change
8.4.20	No servicing of vehicles and other machinery to take place on site.	No change
8.4.21	No fuel or other hazardous material other than for domestic use, to be stored on site	No change

Table 6: Mitigation measures, scoping report

	Mitigation measure (construction / maintenance)	Comment
1	General mitigation measures – Scoping report	
1.1	Portion 1 be transferred in the Kingsway HOA's name on completion of the development to facilitate the effective management of this proposed Nature Reserve.	No change
1.2	The common land (Erf 172) registered in the name of Kingsway Caravan Park (Pty) Ltd; all this common land be transferred to the Kingsway HOA on completion of the development and that it be managed as Public Open Space Zone III (i.e. as a protected natural area).	Amendment required as per zoning amendment
	<i>The common land (Erf 172) (currently RE 209 / 501) registered in the name of Kingsway Caravan Park (Pty) Ltd; all this common land be transferred to the Kingsway HOA on completion of the development and that it be managed as open space 2 (i.e. private use) and <u>Open Space 3 (i.e. as a protected natural area) as per Figure 4 provided in amendment report.</u></i>	
1.3	Kingsway Environmental Action Panel has been formed to provide guidance on environmental issues impacting on or of relevance to the Resort. The first meeting of this action group was held on 14 September 2004, and members include staff from DED&EA	No change
1.4	The proposed land use restriction that should be registered against the title deed of Portion 1 (in perpetuity) and its management as Public Open Space III and its proposed incorporation into the Caravan Resort as a Protected Area or Nature Reserve	Amendment required as per zoning amendment
	<i>The proposed land use restriction that should be registered against the title deed of Portion 1 ((currently Ptn 35 / 501 and RE 209 / 501) (in perpetuity) (and its management as <u>Public Open Space III and its proposed incorporation into the Caravan Resort as a Protected Area or Nature Reserve</u></i>	
	<ul style="list-style-type: none"> Rezoning to be affected within 24 months of date of signature of EA amendment Ensure required budget is in place for rezoning application Ensure steps are taken to ensure rezoning is carried out within stated timeframe Rezoning as open space 3, open space 2 and resort as per Figure 1 in the amendment assessment report is recommended to ensure intact area is designated conservation use area. 	
	<ul style="list-style-type: none"> Each of the dwellings remaining to be constructed, are to each be constructed in shortest timeframe possible and within a maximum of 12 month. 	
3	Aesthetics mitigation measures – scoping report	

EAP Services

	Mitigation measure (construction / maintenance)	Comment
3.1	The colour of the materials used for construction should blend into the natural background (for example, shades of brown or green); and natural materials such as wood be considered – as stipulated in the HOA building guidelines.	No change
	Limit night at night as far as possible; makes use of solar lighting where possible; the lighting should face away from the natural area as far as possible and illuminate only the necessary facilities, keeping lighting indoors and permitting only soft lighting outside along pathways etc. Designs of dwellings to blend in with the surrounding natural area as far as possible.	
3.2	Ample use should be made of appropriate thicket vegetation on Portion 34 to screen the structures, rehabilitate disturbed areas and increase the naturalness of the surroundings.	No change
4	Bulk services mitigation measures – scoping report	
4.1	Once approval has been given by DED&EA in terms of NEMA for the proposed development, further details regarding the provision of associated Bulk and Internal Services (electricity, roads, water and sewage), should be drawn up and submitted to the relevant authority (Kouga Municipality) for final approval prior to construction commencing.	No change
2.1	Clearing of indigenous vegetation to be kept to a minimum. Only areas required for infrastructure such as dwellings and roads to be cleared, with the remaining areas left undisturbed.	No change
	Additional laydown area required to be indicated by internal KHOA ECO / external eco; this area should: <ul style="list-style-type: none"> ○ be kept as small as possible, ○ be placed on an existing developed area if possible and ○ avoid areas with intact vegetation in place avoid areas close to other residents Open Space 3 designated as no-go for all construction / maintenance related activities	
	<ul style="list-style-type: none"> • Search and rescue should be carried out by KHOA and ECO with specialist guidance as necessary, on individual erven prior to clearance of erf; Any required permits are to be applied for and kept on record 	
	<ul style="list-style-type: none"> • Rescue as many plants as possible; keep in an approved area by the KHOA ECO / external ECO if they are to be used for rehabilitation of disturbed site after construction / plant in open space areas, as required. 	
2.2	PROTOCOL FOR CONTRACTORS should be strictly adhered to.	No change
2.3	<i>Archaeological and paleontological material:</i> Any stone artifacts, pottery, etc. or fossil material found during construction activities should be left undamaged and the find immediately reported to the developer via the contractor, who should in turn report the find to DEAET. There is a legal requirement to report any archaeological site of cultural significance to the National Monuments Council, according to the National Heritage Act (Act No. 25 of 1999).	No change

EAP Services

	Mitigation measure (construction / maintenance)	Comment
2.4	Use of vehicles should be strictly controlled to ensure all vehicular activity is confined as far as possible to the planned roads to avoid unnecessary damage to the thicket vegetation.	No change
	During all excavations (e.g. for the water reticulation system pipelines, sewage facilities and electric cables, etc.,) the topsoil should be separated and stored for later use in placing on the trench scar or around the dwellings to facilitate the rehabilitation of all disturbed areas resulting from construction operations.	No change
	All “surplus” soil excavated for the construction of the dwellings, sewage system, water pipes or electric cables, etc., should be either used to repair damage or upgrade the road as necessary or removed from the site i.e. not dumped within the property or on adjacent land.	No change
	No concrete to be mixed on the soil surface, all concrete mixers to be placed on trays, and precautions to be taken against contamination of the soil through spillage of pre-mixed concrete.	No change
	Precautions to be taken against oil spillage from heavy equipment such as compressors and generators, e.g. through the use of sand or sawdust filled drip trays. All contaminated material (including soil) to be disposed of at a registered waste site.	No change
	Adequate toilet facilities (e.g. chemical toilet) to be provided for workers on site, and all ablutions to take place in these facilities.	No change
	Adequate precautions to be taken to prevent the spread of fires, if and when open fires are used by the construction workers.	No change
	Scavenger-proof litter containers to be provided on site and strict control over littering enforced.	No change
	All waste material, including excess construction material, litter and sewerage, to be regularly removed from site and disposed of at a registered waste facility.	No change
	Construction staff should have access to the site only via the roads designated by the Kingsway HOA and not be allowed onto sensitive thicket vegetation.	No change
	Strict control over unnecessary damage to indigenous vegetation by construction staff or by careless use of machinery and vehicles should be strictly enforced.	No change
	No wild animals (birds, snakes, lizards, insects, mammals, etc.) are to be disturbed unnecessarily in any way.	No change
	<ul style="list-style-type: none"> Rehabilitation with indigenous vegetation as may be required following construction / maintenance work on individual erf / open space 2 area as applicable. 	

5.3. Mitigation Measures



Table 7: Operational Management Plan, scoping report

Management Measure (operational)	Comment
Landscaping guidelines	
No private gardening and lawns permitted outside individual erven; i	No change
No alien invasive / exotic plants permitted in gardens	No change
Indigenous landscaping on common areas between erven	No change
Only indigenous thicket plant species found in the region should be used for rehabilitation of disturbed areas and planting around houses – a list of species recommended is given in the Plant Species Report	No change
<i>Vinca roseus</i> , <i>Melia azedarach</i> and <i>Plectranthus comosus</i> be removed from the Kingsway Caravan Park grounds and gardens to prevent escape to the surrounding natural vegetation.	No change
Potentially invasive species in home gardens (<i>Vinca roseus</i> , <i>Melia azedarach</i> and <i>Plectranthus comosus</i>) should be removed and perhaps replaced with indigenous plants such as <i>Aloe africana</i> and <i>Glottiphyllum longum</i> .	No change
All indigenous plants required to be removed for development of houses / infrastructure, to be transplanted in gardens, common grounds or in open space areas. Do not throw away indigenous vegetation.	No change
Alien invasive, rehabilitation and vegetation management	
Vegetation specialist to monitor the reserve area every 6 months and then annually and then as required - to advise on actions with regards to encroaching species (<i>Acacia karroo</i>) / alien invasive species / dense monospecific stands of <i>Senecio linifolius</i> . KHOA to action recommendations. Removal of encroaching <i>Acacia Karroo</i> and AIS in open space area will increase diversity of thicket diversity and limit encroachment. Establish of Indigenous thicket plant species in areas identified as disturbed by AIS / encroachment once the problem plants / trees are removed. Clearing of AIS / encroaching species and planting of indigenous plants must take place in phases.	No change
Train landscaping team on AIS identification and monitor boundaries and disturbed areas for alien invasive plants on ongoing basis; report to internal ECO as soon as detected; action immediate removal; aim to hand remove as soon as detected when plant is young. Common aliens in the area include - <i>Plectranthus comosus</i> , <i>Datura stramonium</i> , <i>Opuntia aurantiaca</i> , <i>Opuntia ficus-indica</i> , <i>Arundo donax</i> Monitor open area on a monthly basis	No change


Management Measure (operational)	Comment
If garden refuse dumping site at 33°57'10"S 25°00'52"E is used, the garden refuse dump site should be contained and strict monitoring of AIS at site will be required; it was the source of several alien species	No change
All alien weeds and invader plants be removed throughout, and the property be monitored in the long term for further possible infestation, particularly at the garden refuse site and along the boundaries of the property.	No change
Plant species recommended for the rehabilitation of disturbed areas: <i>Aloe africana</i> , <i>Aspalathus cinerascens</i> , <i>Asparagus africanus</i> , <i>Azima tetraantha</i> , <i>Chrysanthemoides monilifera</i> , <i>Dovyalis rotundifolia</i> , <i>Felicia muricata</i> , <i>Hypoestes aristata</i> , <i>Maytenus heterophylla</i> , <i>Plumbago auriculata</i> , <i>Rhus lucida</i> , <i>Rhus pterota</i> , <i>Scutia myrtina</i> .	No change
No herbicides to be used for the control of vegetation except if such is used as prescribed for the control of invasive alien vegetation.	No change
Fauna	
Pets only allowed if private erven is fenced. Dogs on leads outside private erven. Place signages and include in KHOA rules and regulations.	No change
No boundary fences between plots or clearing of natural vegetation to demarcate boundaries should be allowed – this will also avoid fragmentation, reduce any visual impact and allow animal movement.	No change
fauna which does not occur naturally on the property, or in all likelihood did not historically occur on the property, shall be Introduced onto the property.	No change
Fencing of the property boundary to allow the passage of fauna up to the size of bushbuck, <i>Tragelaphus scriptus</i>	No change
No domesticated animals, whether of household, agricultural or any other variety may be kept on the Private Open Space III component of the property.	No change
Waste Management	
No dumping / burning waste permitted.	No change
The minimization and sorting of waste at source:	No change
Separate waste as follows Glass separated for recycling Vegetation / organic waste separated for composting Determine waste stream that can be recycled and actioned accordingly	No change



Management Measure (operational)	Comment
Provision of waste receptacles: Non scavenger general waste bins provided; receptacle for glass recycling provided; provide additional receptacles for recycling as required – paper, tins	No change
Compacting of non-recoverable solid waste prior to it being transported to a registered waste disposal site;	No change
Appropriate use and rehabilitation of the old refuse dumps on Portion 1 (use thereof to be limited to organic waste) Garden waste can be composted in a contained composting area If food waste is to be separated use anaerobic composting (effective microorganism / bokashi) in combination with anaerobic vermicomposting (red wriggler) in contained area	No change
Keep waste disposal / recycling records in EM file.	No change
Hazardous substances	
No fuel or other hazardous material other than for domestic use, to be stored on site	No change
Ensure spill kits and hazardous waste bin is provided for any emergency leaks / spills that could occur.	No change
A designated area must be established by KHOA on the site for hazardous materials (eg, Paint, oil, turpentine etc;) that may be used during operational phase. This area is to include drip trays, spill kits, suitable waste receptacles as required, for use during maintenance and / or construction if contractor is not suitably equipped	
Vehicles	
No off-road driving permitted; no additional roads / access tracks may be created prior to permission from DEDEAT. Allow / encourage rehabilitation of any tracks not required.	No change
No servicing of vehicles and other machinery to take place on site.	No change
Fire prevention and response	
Compile fire management plan to include measures to prevent and respond to fires – include fire break, indigenous thicket as fire proof hedges, placement of fire hydrants, emergency numbers on hand, fire response plan, any fire wate required, removal of cleared AIS and ongoing clearing of AIS	No change


Table 8: Plant species list showing indigenous and AIS plant within area (adapted from botanical survey, 2005) (AIS in orange; Protected in green)



FAMILY	Taxon	Status	Picture of alien / weed / encroaching plant provide for easy reference
FABACEAE	<i>Acacia karroo</i> Hayne		 <p><i>Acacia karroo</i> (sweet thorn) encroaches and displaces thicket species.</p>
ACANTHACEAE	<i>Hypoestes aristata</i> (Vahl) Soland. ex Roem. & Schult		
AIZOACEAE	<i>Aizoon glinoides</i> L. f.		
ANACARDIACEAE	<i>Rhus lucida</i> L.		
ANACARDIACEAE	<i>Rhus pterota</i> Presl		
APOCYNACEAE	<i>Vinca roseus</i> (L.) G. Don	Special effect weed—competitive, poisonous (Henderson 2001)	 <p><i>Vinca roseus</i> (Madagascar periwinkle); AIS</p>
ASCLEPIADACEAE	<i>Cynanchum ellipticum</i> (Harv.) R.A. Dyer.	Schedule 5 protected flora (Eastern Cape Environmental Conservation Bill, 2003)	
ASCLEPIADACEAE	<i>Sarcostemma viminale</i> (L.) R. Br.	Schedule 5 protected flora (Eastern Cape Environmental Conservation Bill, 2003)	
ASPARAGACEAE	<i>Asparagus africanus</i> Lam.		



EAP Services

FAMILY	Taxon	Status	Picture of alien / weed / encroaching plant provide for easy reference
ASPHODELACEAE	<i>Aloe africana</i> Mill.	Schedule 5 protected flora (Eastern Cape Environmental Conservation Bill, 2003)	
ASTERACEAE	<i>Arctotis arctotooides</i> (L. f.) O. Hoffm.		
ASTERACEAE	<i>Chrysanthemoides monilifera</i> (L.) T. Norl.		
ASTERACEAE	<i>Felicia muricata</i> (Thunb.) Nees		
ASTERACEAE	<i>Helichrysum rosum</i> (Berg.) Less.		
ASTERACEAE	<i>Senecio deltoideus</i> Less.		
ASTERACEAE	<i>Senecio linifolius</i> L.		 <p data-bbox="1335 1056 2134 1123"><i>Senecio linifolius</i>; indigenous however removal will enhance thicket diversity</p>


FAMILY	Taxon	Status	Picture of alien / weed / encroaching plant provide for easy reference
CACTACEAE	<i>Opuntia aurantiaca</i> Lindl.	Category 1 Declared weed (Henderson 2001)	 <p data-bbox="1335 531 2018 560"><i>Opuntia aurantiaca</i> (<i>jointed cactus</i>); Alien invasive species (AIS)</p>
CACTACEAE	<i>Opuntia ficus-indica</i> (L.) Mill.	Category 1 Declared weed (Henderson 2001)	 <p data-bbox="1335 956 2130 984"><i>Opuntia ficus-indica</i> (<i>prickly pear</i>); <i>naturalised</i> Alien invasive species (AIS)</p>
CELASTRACEAE	<i>Maytenus heterophylla</i> (Eckl. & Zeyh.) N.K.B. Robson		

FAMILY	Taxon	Status	Picture of alien / weed / encroaching plant provide for easy reference
CHENOPODIACEAE	<i>Atriplex lindleyi</i> Moq. subsp. <i>inflata</i> (F. Muell.) P.G	Category 3 Declared Invader (Henderson 2001)	 <p data-bbox="1335 647 1816 671"><i>Atriplex lindleyi</i> (Lindley's saltbush) (AIS)</p>
CHENOPODIACEAE	<i>Atriplex semibaccata</i> R. Br.		
CHENOPODIACEAE	<i>Salsola kali</i> L.	Ruderal – Potential transformer (Henderson 2001)	
CRASSULACEAE	<i>Crassula capitella</i> Thunb.		
CRASSULACEAE	<i>Kalanchoe rotundifolia</i> (Haw.) Haw.		
FABACEAE	<i>Aspalathus cinerascens</i> E. Mey.		
FLACOURTIACEAE	<i>Dovyalis rotundifolia</i> (Thunb.) Thunb. & Harv.		
HYACINTHACEAE	<i>Dipcadi viride</i> (L.) Moench		

FAMILY	Taxon	Status	Picture of alien / weed / encroaching plant provide for easy reference
LAMIACEAE	<i>Plectranthus comosus</i> Sims	Category 3 Declared Invader (Henderson 2001)	 <p data-bbox="1335 647 1883 671"><i>Plectranthus comosus</i>; Alien invasive species (AIS)</p>
MALVACEAE	<i>Abutilon sonneratianum</i> (Cav.) Sweet		
MELIACEAE	<i>Melia azedarach</i> L.	Category 3 Declared Invader (Henderson 2001)	 <p data-bbox="1335 1099 1671 1123"><i>Melia azedarach</i> (Syringa); AIS</p>
MESEMBRYANTHEMACEAE	<i>Delosperma</i> sp. indet	Schedule 5 protected flora (Eastern Cape Environmental Conservation Bill, 2003)	
MESEMBRYANTHEMACEAE	<i>Drosanthemum hispidum</i> (L.) Schwant.	Schedule 5 protected flora (Eastern Cape Environmental Conservation Bill, 2003)	

FAMILY	Taxon	Status	Picture of alien / weed / encroaching plant provide for easy reference
MESEMBRYANTHEMACEAE	<i>Glottiphyllum longum</i> (Haw.) N.E. Br.	Schedule 5 protected flora (Eastern Cape Environmental Conservation Bill, 2003)	
MESEMBRYANTHEMACEAE	<i>Disphyma crassifolium</i> (L.) Bol.	Schedule 5 protected flora (Eastern Cape Environmental Conservation Bill, 2003)	
PLUMBAGINACEAE	<i>Plumbago auriculata</i> Lam.		
POACEAE	<i>Arundo donax</i> L.		 <p><i>Arundo donax</i> (giant reed); AIS</p>
POACEAE	<i>Setaria sphacelata</i> (Schumach.) Moss		
POLYGONACEAE	<i>Rumex angiocarpus</i> Murb.		
RHAMNACEAE	<i>Scutia myrtina</i> (Burm. f.) Kurz		
SALVADORACEAE	<i>Azima tetraantha</i> Lam.		
SANTALACEAE	<i>Thesium</i> sp. indet		
SOLANACEAE	<i>Datura stramonium</i> L.	Category 1 Declared Weed (Henderson 2001)	 <p><i>Datura stramonium</i> (pom pom weed); Alien invasive species (AIS)</p>

EAP Services

FAMILY	Taxon	Status	Picture of alien / weed / encroaching plant provide for easy reference
SOLANACEAE	<i>Lycium</i> sp. indet		
SOLANACEAE	<i>Solanum sisymbriifolium</i> Lam.	Category 1 Declared Weed (Henderson 2001)	 <p data-bbox="1335 667 1827 699"><i>Solanum sisymbriifolium</i> (Litchi tomato); weed</p>
SOLANACEAE	<i>Solanum sodomaeodes</i> Kuntze		
STERCULIACEAE	<i>Hermannia althaeoides</i> Link		
VISCACEAE	<i>Viscum obscurum</i> Thunb.		

Note: Highlighted in Red – AIS and must be removed / not planted in gardens; Note: Highlighted in Green – SCC – require permits prior to removal; permits must be kept on record

6. COMPLIANCE WITH THE EMPr

6.1 Monitoring and Compliance

The monitoring and compliance of the development should take place as follows:

- The external ECO / auditor / KHOA ECO has the authority to instruct the ceasing of a particular activity causing or liable to cause significant environmental damage, and issue fines or penalties for non-compliance of the Environmental Management Programme/ EMPr.
- An Environmental Control Officer (ECO) must audit the site and compile an audit report on a monthly basis until construction of dwelling is completed; site is tidy, revegetation of disturbed areas is complete
- The holder of the environmental authorisation (KHOA) is responsible to ensure that an environmental audit report is submitted to the DEDEAT as per the timeframes stipulated in the Environmental Authorisation (EA).

6.2 Auditing Process

The terms of reference for the audits must comprise the following:

- Checklist provided in tables in this EMPr to be used for audit purposes as applicable to construction / maintenance / operations:
 - Compliant
 - Not compliant
 - Not applicable
- During the audit process, key individuals involved with the management of KHOA are to be given the opportunity to comment on issues being audited and will be invited to accompany the auditor during the site inspection.
- Compile an audit report on the implementation of the EMPr and compliance to the Environmental Authorisation and submit this report to the competent authority (DEDEAT).

6.3 Non-Compliance

Definition

The non-compliance is defined as, and will be issued for:

- Any deviation by the Applicant from the environmental conditions and requirements as set out in the EA and EMPr, or;
- Any contravention by the holder of the EA of environmental legislation, or;
- Any unforeseen environmental impact resulting from direct or indirect actions or activities on site that would be considered as a significant impact. Significance will be determined by the ECO and informed by location, duration, lasting effects of the impact and extent of remediation required.

Types of non-compliances issued

Two types of non-compliances may be issued:

A. Stop Works Non-Compliance

Stop Works Non-Compliance will require that all works as described in the non-compliance will stop immediately and may only continue on a formal written permission from the ECO.

Stop Works Non-Compliance will be issued under the following conditions:

- Total disregard by the holder of EA to the environmental conditions and requirements listed in the EA and EMPr;

EAP Services

- An activity that if left unattended will escalate the degree, severity or extent of the environmental impact.

B. General Non-Compliance

A general non-compliance will allow work and activity by the receiving party to continue while the corrective action takes place.

6.4 Issuing a Non-Compliance

Non-compliance may be issued to:

- The Applicant
- Any representative of the Applicant

6.5 Process of Issuing Non-Compliance

The appointed Environmental Control Officer (ECO) / internal KHOA ECO may issue a formal non-compliance to the holder of EA / contractor as applicable. A copy of the non-compliance issued, and details of corrective action will be placed in the EM file.

In the event of damage being caused, the contractor will be responsible for the cost of cleanup, repair and / or rehabilitation as necessary, as well as being liable for the fine. Where there is erosion damage, pollution to the environment, or contravention of the no-go policy, the contractor is required to reinstate the conditions to normal as determined by the ECO. Spot fines up to a maximum value of R10 000 per offence can be instituted at the discretion of the ECO for any breach or non-compliance in terms of the EMPr. Fines issued will increase exponentially for repeat offences.

6.6 Failure to complete corrective actions

In the event that the holder of the EA fails or refuses to complete the corrective action, either at all or within the allocated timeframe, the ECO shall,

- Inform DEDEAT in writing that a condition of approval for the project is not being met.

The DEDEAT office is responsible for resolving the impasse with the holder of the EA.

The Applicant is deemed not to have complied with the EA and EMPr if:

- Within the boundaries of the site and site extensions there is evidence of contravention of clauses;
- Environmental damage occurs due to negligence; inappropriate actions taken by the Applicant or any of his staff.

On receiving a notice of non-compliance the Applicant is required to swiftly address the issue/s taking all corrective actions required to rectify the situation. Penalties will be applied for non-compliant situations. Penalties/fines are advocated to ensure corrective measures are successfully undertaken and the necessary standard of rehabilitation is achieved.

The penalty associated with a chemical spill is not a set amount but will depend on the nature and extent of the spill; the cost of any soil and /or groundwater monitoring and any soil and /or groundwater remediation required by authorities will be to the Applicant's account.

EAP Services

The imposition of such a penalties / fines shall not preclude the relevant competent authority from applying an additional penalty in accordance with statutory powers.

Failure to redress the cause shall be reported to the relevant authority for them to deal with the transgression as deemed fit.

6.7 Unlawful Activity/ies

NEMA and its Regulations entitle environmental authorities to administer a fine not exceeding R 5 million- or 10-years imprisonment and/or a fine and imprisonment for a person guilty of an unlawful activity. The Act makes allowance for the rectification of unlawful activity and may charge up to R1 million administration fees over and above the remediation costs.

NEMA makes provision for damages to be awarded by the courts where loss or damage has occurred as a result of a contravention of other environmental statutes. Importantly, NEMA provides for the liability of conviction of employees, managers, agents and directors for any offences resulting from the failure to take all the reasonable steps that were necessary under the circumstances to prevent the commission of an offence.

7. AMENDMENTS TO THE EMPr

This EMPr outlines the environmental practices and mitigation measures to be adhered to during the construction, operational phases, and rehabilitation in order to curtail and/or minimise potential negative impacts and promote sound environmental practises.

Any major issues not covered in the EMPr as submitted, will be addressed as an addendum to this EMPr, and submitted for approval. The EMPr is a living document and is subject to change from time to time in consultation with the DEDEAT. Any amendments to the EMPr will require approval from the DEDEAT.

8. Enforcing the EMPR and responsibilities

The holder of the Environmental Authorisation (EA) has a responsibility to ensure that all those people involved in the project are aware of and familiar with the environmental requirements for the project (this includes casual labour, etc.). The EA and EMPr shall be part of the terms of reference for all stakeholders.

All senior and supervisory staff members shall familiarise themselves with the full contents of the EA and EMPr. They shall know and understand the specifications of the EA and EMPr and shall be able to assist other staff members in matters relating to the EA and EMPr.

Table 9: Table of responsibilities

Management Area	Name of Responsible Party
Applicant / Holder of EA	KHOA
Internal KHOA ECO	
Town Planner	Maartjie Weyers, 2025
Engineer	KV3 engineers, 2008

EAP Services

Contractor/s (construction / maintenance	
External ECO	
External auditor	
Palaeontology and archaeological finds	ayanda.mncwabe-mama@ecsrac.gov.za
External Search and rescue flora and fauna guidance / on site	Mark Marshall Mark Marshall <sandulaconservation@gmail.com>
DEDEAT officer - EA	Andries Struwig andries.struwig@dedea.gov.za
DEDEAT – permit applications – NEMBA and provincial ordinance	Luzuko Dali luzuko.dali@dedea.gov.za
EC Forestry – permit applications – Protected trees in terms of National forest Act	Babalwa Layini Department of Forestry, Fisheries & Environment Tel : 041 4074051 Email: BLayini@environment.gov.za
Operational Manager	
Sarah Baartman District municipality	
Kouga Local Municipality	
Kouga Local Municipality - SAPS	
Kouga Local Municipality – Fire response	
Landscape manager	
Maintenance manager	
Head of fire prevention and response	

EAP Services

9. Code of conduct

Code of Conduct – Holder of EA / Owners

Ensure effective implementation of the conditions of the environmental authorisation

Ensure implementation of measures by contractors as required

Ensure commitment of implementation of measures by all landowners / members of Kingsway Resort

Oversee implementation of and ongoing adherence to Operational Environmental Management Plan

Oversee management of conservation area

Ensure the Operational Management Plan is audited on an annual basis and the results of such audits are submitted to the Department on request.

Ensure all maintenance staff are trained on all measures contained within the OEMPr as applicable to scope of works

Ensure fire emergency plan is in place and responsible individual are adequately trained

Ensure the South African Heritage Resources Agency (SAHRA) is contacted immediately should any findings be discovered during the course of the development.

Ensure DEDEAT or Department of forestry is contacted as required for any permits required for protected flora / fauna / trees

Ensure waste management plan is in place

Code of Conduct – Design

Ensure compliance with the relevant conditions of the Operational Management Plan that are applicable to the design elements in my appointed scope of work

Ensure compliance with the relevant conditions of the Environmental Authorisation that are applicable to the design elements in my appointed scope of work

Code of conduct – Maintenance Manager

Ensure compliance to mitigation measures applicable to my area of work as contained within the environmental management plan

Ensure compliance to mitigation measures applicable to my area of work as contained within the environmental authorisation

Comply to monitoring and record keeping requirements

Any areas disturbed as a result of maintenance activities to be rehabilitated within 14 days using vegetation indigenous to the area.

Ensure fire prevention mechanisms are in place

Ensure fire response mechanisms are in place and relevant training carried out

Code of conduct – Landscaping

Ensure compliance to mitigation measures applicable to my area of work as contained within the operational environmental management plan

Ensure that no herbicides are used for the control of vegetation except for herbicides registered for the control of specific invasive alien plants.

Ensure ongoing clearance of alien invasive vegetation

Ensure only indigenous vegetation is planted using available resources provided in the vegetation assessments and OEMPr

Code of Conduct –All members of KHOA and contractors as applicable

I acknowledge the following:

Vehicular traffic to be confined to the approved roadways and no vehicles are allowed to travel off such approved roadways. No offroad driving permitted. All vehicles must stay on single demarcated access tracks to avoid compaction of soil and roots.

No open fires are allowed within the property whatsoever, except in purpose-built fire places as indicated by management

Keep noise-generating activities to a minimum.

Fines will be imposed on any person who is found attempting to snare or otherwise harms wild animals.

Existing pathways to be used at all times.

Strict speeding limits to be adhered to, to prevent collisions with fauna in the area (i.e., snakes, tortoises, antelope etc.). All personnel and visitors to abide to speeding regulations.

No fauna should be intentionally harmed; do not tamper with or destroy nesting sites, lairs or any other form of animal shelter.

No collection of indigenous flora permitted on site or in surrounding areas.

Severe fines should be in place for illegal collection / removal of plant specimens.

Smoking only in designated areas with correct precautions in place. Fines issued if not done

No littering. Fines will be issued for litter.

Adhere to recycling and reuse guidelines and facilities provided at all times

Landscaping only with plants indigenous area; no landscaping outside erf (indivual owners); no landscaping in open space 3 (all)

Ongoing AIS removal as required from all areas

Information for guests

Kindly stay on designating roads, trails and paths so we can avoid unnecessary tracks and erosion

Please don't place foreign substances in toilets– conservancy tanks in use

Kindly don't remove any plants or animals – many are protected and depend on each other to flourish

Kindly don't litter – receptacles are provided for responsible waste management

Kindly keep all dogs on leads when in open space 2 / 3

EAP Services

Acknowledgement of EMPr

Record of signatures providing acknowledgment of being aware of and committed to complying with the contents of this Environmental Management Programme (EMPr), which relates to the environmental mitigation measures for the Kingsway Resort

DEDEAT REF: EC08/1M/74-98

Holder of EA: Kingsway Homeowners Association

Represented by:

Signed: Date:

Internal Environmental Control Officer

Signed: Date:

Contractor / Service provider:

Signed: Date:

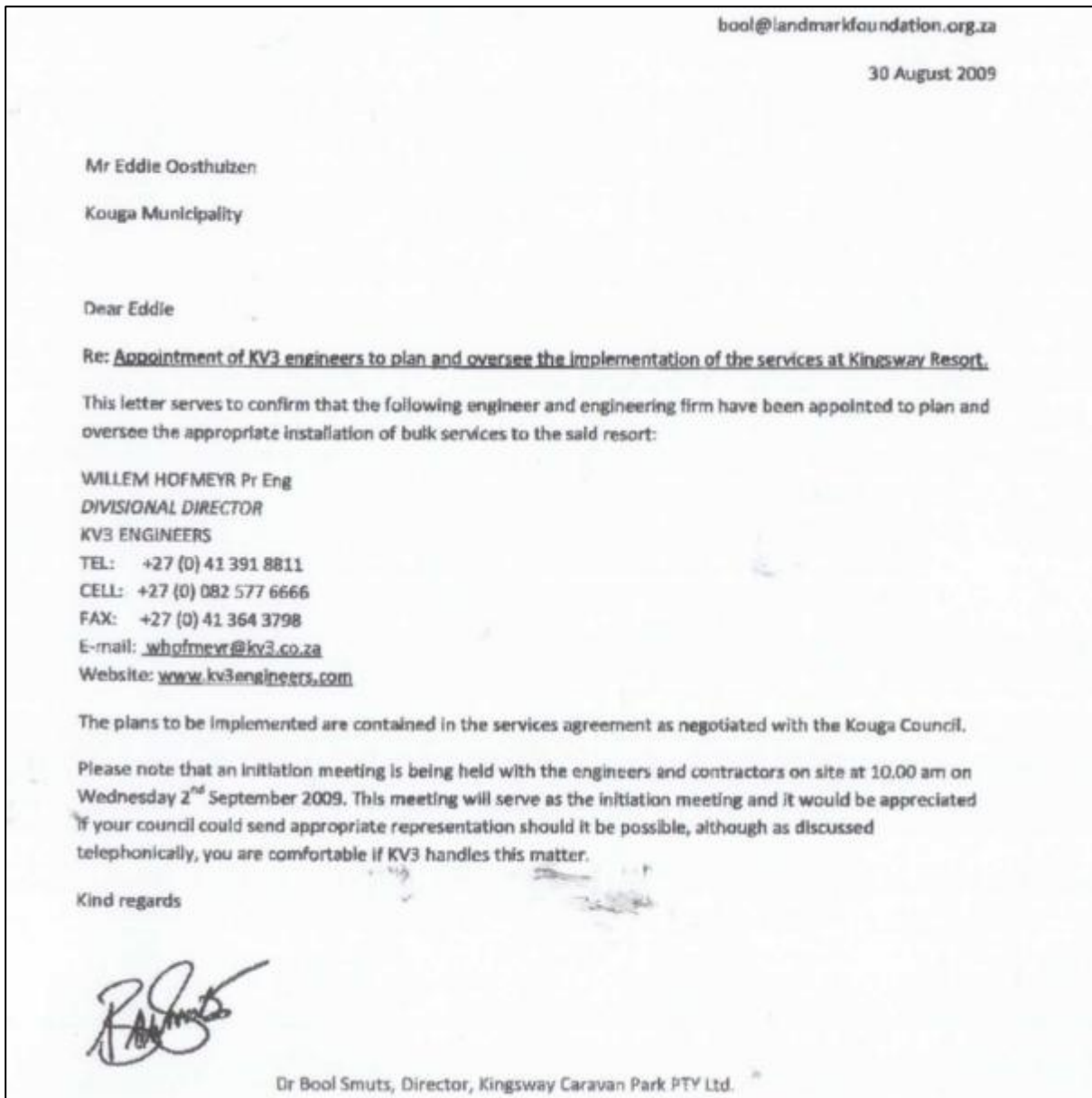
External Environmental Control Officer

Signed: Date:

External auditor

Signed: Date:

Appendix A: Site layout plans and details of infrastructure installed



Appointment of KV3 engineers to oversee installation of bulk services, dated August 2009

KNYSNA, 6570
Tel: (044) 382 6882
Fax: (044) 382 6884
Email : rima@isar.co.za

PO BOX 84
PLETTENBERG BAY, 6600
Tel: (044) 533 6891
Fax: (044) 533 6892
Email : nicoplest@isar.co.za

Ref: N09/84

E.C.C.C
PO Box 593
Plettenberg Bay
6600

10th December 2009

Attention: Mr. Hennie du Plessis

RE: KINGSWAY RESERVOIR: MAURITZKRAAL, GAMTOOS
CERTIFICATION OF THE STRUCTURAL SYSTEM OF THE RESERVOIR

We hereby certify that the reservoir concrete floor slab and reinforced cavity walls that were designed, detailed and inspected by ourselves on Thursday the 17th September and Thursday 1st October 2009, have been constructed to our specifications.

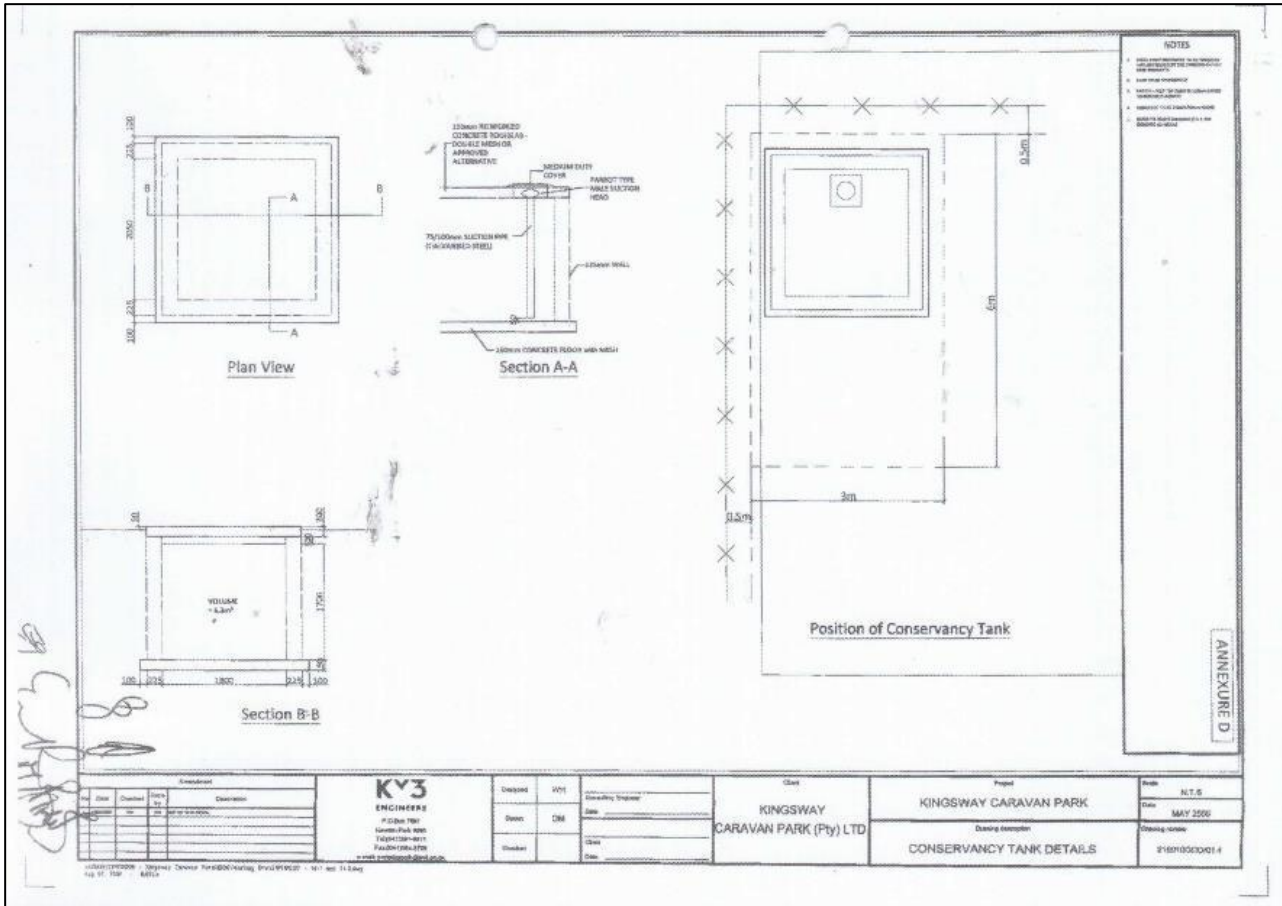
We confirm that all structural work has now been completed on the above project.

Yours faithfully,

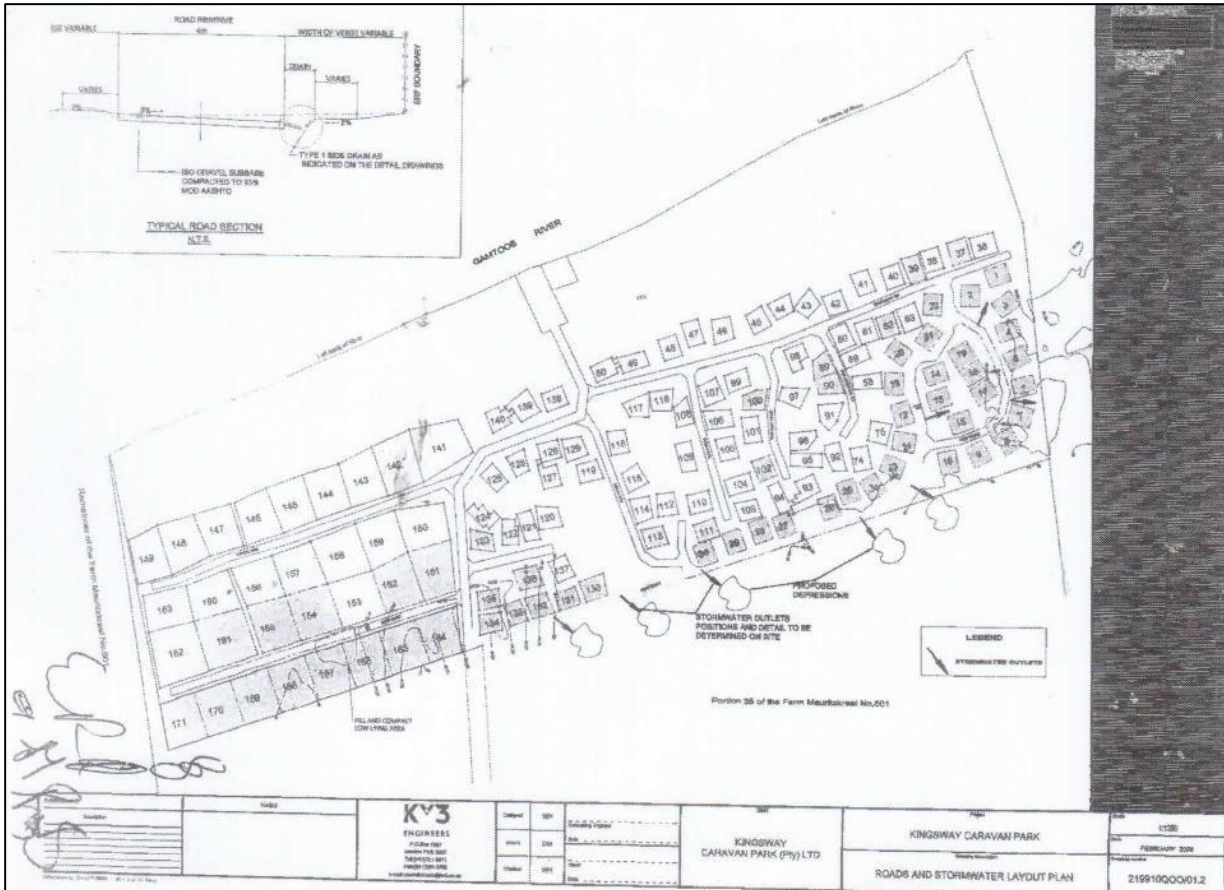


D.J. Visser Pr Eng

Certificate of completion of reservoir, dated December 2009



Drawing showing design and layout of conservancy tank compiled by KV3 engineers, dated May 2009



Stormwater management plan catering for 30 new erven, dated February 2009 (extracted from engineering feasibility report, Appendix G); uncertain if depressions required / constructed.

EAP Services

Appendix B: Details of EAP

Claire De Jongh

Curriculum Vitae

Current	Environmental Assessment Practitioner
Current Location	Port Elizabeth, South Africa
Date of birth	13 July 1983
Year of Birth	1983
Specialisation	Environmental Management and compliance
Nationality	South African
Years of experience	17 years
HDI status and gender	South African Female
Languages	English (Excellent – Reading, Writing, Speaking, Presenting) Afrikaans (Fair – Reading, Writing, Speaking)
Contact Details	+27846074743 / clairejarvis@hotmail.co.za
Career Profile	<p>Claire’s career in the environmental field spans 17 years. Her work over the years has included:</p> <ul style="list-style-type: none">• Project coordination, authority liaison, specialist team management• Application for Environmental authorisations, Waste management licences, Water use licence, Coastal Water Discharge (as required) and compilation of Basic Assessment Reports and Scoping and environmental impact Reports and Environmental management programmes reports; Rehabilitation strategies and implementation; Environmental training• Compliance audits to conditions of authorisation and ECO related work; Environmental monitoring, Review of management plans, methods statements, procedures• Environmental management systems; Aspect / impact registers and implementation of environmental management systems in line with ISO14001• Environmental awareness education; Management, coordination and implementation of environmental and social development projects
Career History	<ul style="list-style-type: none">• Independent and Freelance Environmental Assessment Practitioner (current)• CEN Integrated Management Unit February 2015 to May 2025 Senior Environmental Consultant (Full time)• Ethical Exchange sustainability Services (Pty) Ltd June 2011 to January 2015 Environmental Consultant• BSc Honours (Environmental Monitoring and Modelling) 2009 to 2011• WESSA (BushPigs Outdoor Environmental Education Centre) 2007 to 2009 Environmental Education Programme Coordinator• Green Gain Consulting 2005 to 2007 Environmental Consultant: EMS; Training
Education and Courses	<p>BSc (Hons) Environmental Monitoring and Modelling, 2012. BSc Environmental Management: Zoology Stream, 2007. IEMA Accredited Environmental Auditor Training Course: Aspects International, 2011. Environmental Awareness and Legal Liability Course, 2006 (2 days). Field Guiding Association of South Africa (FGASA) Level 1. ICDL, 2004, (Microsoft word, excel, access, PowerPoint, outlook).</p>
Professional Affiliations	<p>EAPASA Registered EAP (Number 2021/3519) SACNASP: Certificated Natural Scientist (Registration 115390). Member of the International Association for Impact Assessment (IAIA). Member of the Field Guiding Association of South Africa (FGASA).</p>
Main Sectors of Expertise	Waste water treatment, Residential, Eco-tourism, Agriculture
Areas Worked	Predominantly Eastern and Western Cape; Throughout South Africa.

- NEMA: Basic Assessment and EMP for housing project on behalf of developer, Erf 168, Walker Driver, Port Elizabeth (2018 – 2020)
- NEMA Section 24G Application Oyster Bay Lodge: on behalf of landowner, Eastern Cape (2018 – 2020)
- NEMA Basic Assessment and EMP for residential development, Erf 3783, Summerstrand, Port Elizabeth (2018 – 2019)
- NEMA Basic assessment, Kwandwe Staff Village: Kwandwe, Makana Municipality, Eastern Cape (2017 - 2018)
- Feasibility study: Screening assessment of properties on behalf of NMBM (2016)
- Wells Estate Conservancy Tanks: Basic Assessment process for Expansion project on behalf of NMBM (2016)
- Driftsands Waste Water Treatment Works: Integrated Environmental and Waste Management License; Coastal Water Discharge Permit; Water Use License Application for Expansion project on behalf of NMBM (2016 - 2017)
- Sundays River Citrus Corporation: Basic Assessment process for Expansion projects at Summerville and Hermitage on behalf of SRCC (2015 – 2017)
- Walmer Cosmo/ Erf 1953: Basic Assessment process for integrated residential development on behalf of Privivox cc, Eastern Cape (2015 - 2016)
- Milkwood Gardens / Erf 1953: Amendment Application for change of ownership; update construction and environmental management programmes on behalf of Own Haven (2015 – 2017)
- Sardinia Bay: Basic Assessment process for public access facilities at Sardinia Bay on behalf of NMBM, Eastern Cape (2015 - 2016)
- Sardinia Bay Public Access Facilities: Amendment Application for change of site (2016 – current)
- Bayethe Luxury tents: Basic Assessment Process on behalf of Bayethe Lodge, Eastern Cape (2015 – 2016)
- Bayethe: NEMA 24G rectification for luxury tents on behalf of Bayethe Lodge, Eastern Cape (2015 - 2017)
- Cascades Iron Ore Mine: EIA process on behalf of Mkhombi Mining, Mpumalanga (2014).
- Zuurberg Road Upgrade: Basic Assessment process on behalf of the Department of Rural Development and Land Reform, Eastern Cape (2014).
- New Largo Colliery: EIA process, state of the environment report, closure and rehabilitation plan and waste management license on behalf of Anglo American Inyosi Coal, Mpumalanga (2011 to 2015).
- Mobile Water Treatment Plant: Waste management license for a mobile water treatment plant to supply water to the Phola-Kusile Coal Conveyor, on behalf of Anglo American Inyosi Coal, Mpumalanga I (2011 to 2015).
- Monitoring Weirs: Basic assessment process and Environmental Management Programme for monitoring weirs as part of reserve determination required by DWA, for Anglo American Inyosi Coal, Mpumalanga (2012 to 2014).
- Phola-Kusile Coal Conveyor: Environmental impact assessment and environmental management programme on behalf of Anglo American Inyosi Coal, Mpumalanga (2011 to 2014).
- St Albans: Public Participation Process carried out on behalf of Department of Public Works, Eastern Cape (2014).
- Grootegeluk Mine Backfill Conveyor System: Environmental impact assessment and EMP amendment, on behalf of Exxaro Coal, Limpopo (2011).

ECO, Monitoring, Auditing Environmental Management Systems

- Addo citrus Eb en Vloed Farm 171, ECO for construction phase (May 2024)
- Kingsway Development, Gamtoos River, Compliance audit to ROD (April 2024 to current)
- Expansion Fuel storage facilities, Motherwell: ECO for construction phase (February 2024 to current)
- ECO and Compliance audit for non-compliant start of business development on erf 4256, Fairview; ongoing ECO for start of construction phase (February 2024 to current)
- Upgrading of Clarkson WWTW: ECO for construction phase (2023 – current)
- Addo Ecolodge: ECO for construction phase (2023 – current)
- Upgrading of Pumpstations, Motherwell and Stanford, NMBM: ECO for construction phase (2022 – 2024)
- St Francis Bay Residential Development, Kouga Local Municipality: ECO for construction phase (2022 – current)
- The Edge Hospital, NMBM: ECO for construction phase (2021 – 2022)
- River Oaks Residential Development, NMBM: ECO for construction phase (2021 – 2023)
- Coegakop Wellfield, NMBM: ECO for construction phase (2021 – current)
- Erf 3783, Summerstrand: ECO for construction phase (2019 – current)
- Sardinia Bay Public Access Facilities: ECO for construction of parking area (2018)
- Sardinia Bay Public Access Facilities: ECO for demolition of structures within 100m of HWM (2016 – 2017)
- Coega Manganese Terminal Air Quality Monitoring: Coordination of PM10, PM2.5 and dustfall baseline monitoring for the proposed Manganese Terminal at Coega, Eastern Cape (2013 - 2015).
- Tharisa Mine: External Compliance audit in terms of WUL and EA, North-West (2013).

Professional Competency Statement:

Claire's career in the environmental consulting field spans 17 years. Claire has been involved in a number of environmental impact assessment projects. Her roles have included being the Environmental Assessment Practitioner (EAP), with responsibilities including compilation of regulated EIA's (i.e. scoping reports, EIA reports, Basic assessments, and Environmental Management Programme reports), undertaking environmental assessments, carrying out the legislated public participation process, compiling fauna screening reports, and incorporating specialists into the EIA team. Claire has been involved in environmental compliance audits and has acted as Environmental control officer and compiled the required audit protocols and audit reports. Claire has compiled environmental management systems compliant with ISO14001.

Claire has worked extensively throughout South Africa, with majority of work being in the Eastern and Western Cape provinces. Claire's strengths lie with understanding and application of environmental legislation, data collection and collation, research, compilation of reports, accuracy, effective communication, and effective time management.

List of Experience:

Environmental Impact Assessments, EMP's, Water Use license applications

- NEMA application: Upgrading of Woodlands WWTW (2025 – current)
- NEMA application: Expansion of citrus, Tregaron Farming, Sundays River Valley (2025 – current)
- NEMA application: Proposed residential development, Albertinia, Western Cape (2025 – current)
- NEMA application: Proposed WWTW, Umzawethu. Oyster Bay WWTW, KKLM and Zutari, 2025 (2025 – current)
- Screening of Kwanomzamo WWTW, KKLM and Zutari (2025 – current)
- Revision of OEMPr: Addo Lodge, Mantis (2025)
- NEMA Section 24G application: Cape St Francis, Soundprops cc (2025 – current)
- NEMA Section 24G EA application -Zandhoogte light industrial, Western Cape (2024 – current)
- NEMA Section 24G EA application -Outeniqua Game Farm, Western Cape (2024 – current)
- Elliotdale WWTW: Integrated EA and WML and EMP for Elliotdale WWTW and upgrading of sewage infrastructure (2024 - current)
- EMPr – Kingsway resort, 2024
- EMPr – Fairview, Erf 4256, 2024
- NEMA Section 24G EA application – illegal pumping activities, Sundays River (2023 to current)
- NEMA application: Residential development, erf 2074, Plettenberg Bay (2024 - 2025)
- NEMA application: Residential development, erf 7614, Knysna (2024 - 2025)
- NEMA: Expansion of Residential 1 dwelling, erf 1220, St Francis Bay (2024 - 2025)
- NEMA application – Maintenance Management Plan, Jeffreys Bay coastal area on behalf of Kouga LM (2023 – 2024)
- WULA Process for Addo Eco lodge, Addo, Eastern Cape (2023 – 2024)
- Estuary management plan, review; Seekoei Estuary Management, 2024
- Maintenance management plan and DWS General Authorisation for upgrade of Bay Dunes Sewer Pump Station, Mossel Bay on behalf Of Mossel Bay Municipality, Western Cape (October 2023 – February 2024)
- NEMA: Fuel storage facility in Nelson Mandela Bay Municipality, Eastern Cape (2023) (project halted – S24G for site required)
- NEMA: Expansion of fuel storage facility in NMBM, Eastern Cape (2023 to 2024).
- NEMA: Port Alfred Reverse Osmosis Project: 5MI reverse Osmosis project, Ndlambe Local Municipality, Eastern Cape (2020 - 2022). (project halted)
- NEMA: Addo Lodge Addo, Eastern Cape (2021 - 2022).
- Operational EMP for renewal of air emissions license application, Langkloof Bricks (2021)
- Construction EMP: Somerset East Powerlines: for installation of H frame poles and overhead powerlines between substation and Industrial Park (2021)
- NEMA EA and NEMWA WML: Expansion of Clarkson WWTW and upgrading of sewage infrastructure (2018 – 2022)
- NEMA S24 G assessment report (2018 to 2019); Coega Kamma Citrus Farm 717, Addo:
- NEMA Scoping and Environmental Impact Assessment: 150 ha citrus and irrigation on behalf of Coega Kamma Citrus (2019 – 2023)

- Formalchem: Land Contamination Monitoring and Assessment: Coordination of Land contamination Assessment for mothballed glue manufacturing company in Berlin, Eastern Cape (2012-13).
- Formalchem: Remediation plan and progress report prepared for DEA on behalf of client, Eastern Cape (2012-2014).
- Elitheni Coal Mine: Compilation of legal audit protocol (EMP, Water use license, waste management license, environmental authorisation), Eastern Cape (2013).
- Pikitup Roodepoort Waste Site: Site audit and report compilation, Gauteng (2009).
- Sun International: Compilation of aspects / impacts register and environmental management system for entire Sun International Group, all SA provinces (2006 - 2007).
- Sun International: Environmental management system training for the environmental managers, all SA provinces (2006 - 2007).
- Lonmin Platinum: Compilation of aspect impact register and environmental management system, North West (2006).

Fauna screening assessments

- Ebb en Vloed Farm 717, Addo, Eastern Cape, 2022
- Eco-Lodge and supporting facilities, Addo, Eastern Cape, 2022
- Portion 32 of Farm Goedgeloof No.745 and Erf 1382 in St Francis Bay, 2021
- Africamps, Portion 0 of Farm Hayterdale No. 406, Addo, 2019
- Clarkson Sewage Network and Waste Water Treatment Works, 2018

Guidelines, Environmental Awareness, Education and Training

- Part of team responsible for development of Albany Thicket Ecosystem Guidelines on behalf of SANBI (2017 – 2019)
- Part of team responsible for development of Savanna Ecosystem Guidelines on behalf of SANBI (2017 – 2019)
- Development of sustainable educational programmes (2009 - 2014).
- ZAMA: Coordination of corporate social sponsorships, Eastern Cape (2012 - 2013).
- Environmental Education: Coordination and development of environmental education programmes, Limpopo (2007-09).
- Richards Bay Minerals: Basic environmental awareness training at Richards bay Minerals, kwaZulu Natal (2005).
- Dairybelle: Environmental awareness training for employees of all Dairybells, all SA provinces (2006 - 2007).
- Tiger Brands: Environmental awareness training for employees of all Tiger brands, all SA provinces (2006 - 2007).

Administration and engagement

- Engagement with relevant government authorities, stakeholders and clients
- Management of specialist teams
- Compilation of tenders and proposals for Environmental services
- Report writing, GIS and map compilation, Presentations and Training

Environmental Studies (BSc and BSc Honours)

- Undergraduate - Animal Behaviour: Behaviour of the Marsh Owl. Achieved 100 % (2003).
- Honours - The abundance of the South African Lepidopteran pest organism, *Busseola fusca*, found on genetically modified Bt maize, conventional pesticide- sprayed maize, and polyculture-farmed maize, to determine the best practice farming method with regards to pest control. Achieved 97 % (2011)



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Website: www.iaiasa.co.za

IAIASa Confirmation of Membership: 2025/2026

Claire De Jongh | Membership no: 7482

TO WHOM IT MAY CONCERN

This certificate confirms that Claire De Jongh, from Environmental consultant with membership number: 7482 is a paid-up Full Member in good standing of the International Association for Impact Assessment South Africa and has been a member of IAIAsa since Wednesday, March 1, 2023 to date.

This membership is valid from 1 March 2025 to 28 February 2026.

IAIASa is a voluntary organisation and is not a statutory body regulating the profession. Its members are however expected to abide by the organisation's code of ethics which is available on our website.

IAIASa is an Affiliate of IAIA, which is an international body, through a memorandum of understanding. IAIA is not responsible or liable for the actions or activities of the Affiliates. Membership of one does not imply membership of the other.

Any enquiries regarding this membership may be directed to the Secretariat at the above contact details.

Yours Sincerely

Corné Niemandt
President 2024/2025

President: C. Niemandt, Past President: G. Beyers, President Elect: Z. Mkhize, Secretary: B. Mthembu, Treasurer: M. Vawda.
Members: H. Antonopoulos, T Hokinyane, O. Mafika, T. Mutshatshi, A. Sharkey. Branch Chairs: N. Arnott, H. Bassa, E. Kruger,
L. Mashego, T. Shakwane.

herewith certifies that
Claire Elizabeth De Jongh
Registration Number: 115390
is a registered scientist

in terms of section 20(3) of the Natural Scientific Professions Act, 2003
(Act 27 of 2003)
in the following field(s) of practice (Schedule 1 of the Act)
Environmental Science (Certificated Natural Scientist)

Effective 20 July 2016

Expires 31 March 2026



Chairperson

Chief Executive Officer



ANNEXURE 2
EAPASA REGISTRATION CERTIFICATE

**Environmental Assessment
Practitioners Association
of South Africa**



Registration No. 2021/3519

Herewith certifies that

CLAIRE DE JONGH

is registered as an

Environmental Assessment Practitioner

**Registered in accordance with the prescribed criteria of Regulation 15. (1)
of the Section 24H Registration Authority Regulations
(Regulation No. 849, Gazette No. 40154 of 22 July 2016, of the
National Environmental Management Act (NEMA), Act No. 107 of 1998, as amended).**

Effective: 01 March 2025

Expires: 31 March 2026

Chairperson

Registrar



**Environmental Assessment
Practitioners Association
of South Africa**



Registration No. 2021/3519

Herewith certifies that
CLAIRE ELIZABETH DE JONGH
is registered as an
Environmental Assessment Practitioner

**Registered in accordance with the prescribed criteria of Regulation 15. (1)
of the Section 24H Registration Authority Regulations
(Regulation No. 849, Gazette No. 40154 of 22 July 2016, of the
National Environmental Management Act (NEMA), Act No. 107 of 1998, as amended).**

Effective: 01 April 2026

Expires: 31 March 2027

Chairperson

Registrar

