



**UPDATED ENVIRONMENTAL MANAGEMENT PLAN FOR THE  
OPERATION OF AN EXISTING CHARCOAL SCREENING,  
PACKAGING, AND STORAGE FACILITY IN OUTJO, KUNENE  
REGION, NAMIBIA**

**MEFT PROJECT NO.: 260319007193**

**ETOSHA CHARCOAL NAMIBIA (PTY) LTD**



**APRIL 2026**

## **ACKNOWLEDGEMENT**

The Environmental Management Plan (EMP) for the operation of an existing charcoal screening, packaging, and storage facility in Outjo, Kunene Region, Namibia was developed by Environmental Compliance Consultancy (ECC). Eco-Wise Environmental Consulting only updated the EMP and the updated sections are highlighted in green. Eco-Wise Environmental Consulting cc hereby acknowledges the work done by Environmental Compliance Consultancy.

## DOCUMENT INFORMATION

Title	Updated Environmental Management Plan for the operation of an existing charcoal screening, packaging, and storage facility in Outjo, Kunene Region, Namibia
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Environmental Consultant	Eco-Wise Environmental Consulting cc P.O Box 40168 Windhoek Cell: +264 813 826460 Email: <a href="mailto:info@ecowiseec.com">info@ecowiseec.com</a> <a href="http://www.ecowiseec.com">Website: www.ecowiseec.com</a>
Project Manager	Ruth <a href="mailto:ruth@ecowiseec.com">ruth@ecowiseec.com</a>
Colour codes	Additions to this document and additional mitigation and management measures are highlighted in <b>green</b> in this updated EMP.

**ENVIRONMENTAL AUTHORIZATION INFORMATION**

Please note that the environmental clearance certificate should be issued out to the client. All comments and enquiries during the evaluation of this document must be addressed to the Environmental Consultants. Please forward the Environmental Clearance Certificate to the Consultant.

## SUMMARY

Etosha Charcoal Namibia (Pty) Ltd being the Proponent, is proposing to renew the Environmental Clearance Certificate (ECC) for the existing charcoal facility. The following activities are conducted on site; offloading, screening, packaging, storage and distribution. The charcoal facility is situated in the industrial area of Outjo. The facility can be accessed via the C39 main road on route to Otavi from Outjo, or alternatively along Krupp Street (from the B1 road in Outjo) that converges with President Avenue. The Proponent made an application for the ECC and it was issued in 2022/02/24 and it expired in 2025/02/24 hence the need for the renewal of the ECC. Etosha Charcoal Namibia (Pty) Ltd therefore appointed Eco-Wise Environmental Consulting cc (Consultant) to make an application for the renewal of the charcoal facility. It is essential to note that, a site inspection was conducted by the consultant on 20 March 2026. During the site inspection, the representative of the proponent showed the consultant around the site. Basing on the observations, the consultant observed that, the facility is operating in a satisfactory manner. The proponent implemented appropriate measures to manage key environmental aspects associated with the operation which include dust suppression, waste management, fire prevention, worker safety and general housekeeping. The facility demonstrated a strong commitment to environmental stewardship through the use of dust control systems, regular equipment maintenance, proper storage and handling of charcoal products, and the provision of personal protective equipment to employees. The consultant however, recommends the following; the proponent should enforce the employees to wear their PPE, this can be done through the use of the Healthy and Safety representatives and also to conduct environmental monitoring and bi-annual reporting which should be submitted to MEFT.

This EMP is an update of the previous EMP (Ministry Reference: APP-002639) which was drafted by Environmental Compliance Consultancy. It shall be the responsibility of the proponent to oversee that this EMP is implemented and the contractors and subcontractors also abide to it.

## **TABLE OF CONTENTS**

ACKNOWLEDGEMENT .....	ii
DOCUMENT INFORMATION .....	iii
LIST OF TABLES.....	vii
1. INTRODUCTION .....	1
1.1 BACKGROUND TO THE EXISTING CHARCOAL FACILITY .....	1
1.2 ENVIRONMENTAL REGULATORY REQUIREMENTS.....	4
1.2.1 POLICY, LEGAL AND ADMINISTRATIVE FRAMEWORK.....	4
1.3 PURPOSE AND SCOPE OF THIS REPORT.....	7
1.4 MANAGEMENT OF THIS EMP .....	7
1.5 LIMITATIONS, UNCERTAINTIES AND ASSUMPTIONS OF THIS EMP .....	7
1.6 ENVIRONMENTAL CONSULTANCY.....	8
2. FACILITY MANAGEMENT PERSONNEL.....	9
2.1. ORGANISATIONAL STRUCTURE, ROLES AND RESPONSIBILITIES.....	9
2.2. EMPLOYMENT .....	11
3. COMMUNICATION AND TRAINING .....	12
3.1 COMMUNICATIONS.....	12
3.2 ENVIRONMENTAL EMERGENCY AND RESPONSE.....	12
3.3 COMPLAINTS HANDLING AND RECORDING .....	13
3.4 TRAINING AND AWARENESS.....	13
3.4.1 SITE INDUCTION .....	14
4. REPORTING, COMPLIANCE AND ENFORCEMENT .....	15
4.1. ENVIRONMENTAL INSPECTIONS AND COMPLIANCE MONITORING .....	15
4.1.1. DAILY COMPLIANCE MONITORING .....	15
4.1.2. MONTHLY COMPLIANCE MONITORING .....	15
4.1.4 REPORTING.....	15
4.2. NON-COMPLIANCE .....	15
4.3. INCIDENT REPORTING.....	16
4.3.1. DISCIPLINARY ACTION .....	16
5. ENVIRONMENTAL AND SOCIAL MANAGEMENT.....	17
5.1. ENVIRONMENTAL PERFORMANCE MEASUREMENT.....	17
5.2. OBJECTIVES AND TARGETS.....	17
5.3. REGISTER OF ENVIRONMENTAL RISKS AND ISSUES.....	17
6. DECOMMISSIONING .....	27
7. IMPLEMENTATION OF THE EMP .....	27
8. CONCLUSION AND RECOMMENDATIONS.....	27
<b>BIBLIOGRAPHY .....</b>	<b>29</b>

**LIST OF TABLES**

Table 1: shows relevant legislation and policies related to the project .....	4
Table 2: Roles and Responsibilities .....	9
Table 3 - Emergency Contact Details .....	13
Table 4 - Environmental Risks and Issues, and Mitigation and Monitoring Measures.....	18

**LIST OF FIGURES**

Figure 1 - Location of the existing Etosha Charcoal Site. ....	3
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**DEFINITIONS AND ABBREVIATIONS**

ECC	Environmental Compliance Consultancy
EIA	Environmental Impact Assessment
EMA	Environmental Management Act, 2007
EMP	Environmental Management Plan
FSC	Forest Stewardship Council
IFC	International Finance Corporation
ILO	International Labour Organisation
MAWL	Ministry of Agriculture, Water and Land Reform
MEFT	Ministry of Environment Forestry and Tourism
MME	Ministry of Mines and Energy
MSDS	Material Safety Data Sheet
PPE	Personal Protective Equipment
SHE	Safety Health Environmental
SANS	South African National Standards

# 1. INTRODUCTION

## 1.1 BACKGROUND TO THE EXISTING CHARCOAL FACILITY

The Etosha Charcoal Namibia (Pty) Ltd (hereinafter, the proponent or Etosha Charcoal) facility is situated in the industrial area of Outjo; which, falls in the east-north-eastern part of the town. The facility can be accessed via the C39 main road on route to Otavi from Outjo, or alternatively driving along Krupp Street (from the B1 road in Outjo) that converges with President Avenue, where the site is situated. The site location is shown in Figure 1.

Charcoal production in Namibia presents strategies to combat bush encroachment, supplement farming income, and contribute to local employment creation. There are several bush thinning operations in this area, which supplies bulk charcoal to the proponent, this, in turn, contributes to the charcoal export market of Namibia. The proponent exports its products to Australia, Cyprus, Belgium and Sweden and also sells its products in South Africa. The proponent currently employs 25 permanent employees in its operational phase.

Etosha Charcoal was established in 1998 and the company was registered in 2000 in Namibia. The site in Namibia is responsible for the screening and packaging of charcoal (in charcoal bags) which is then transported to Walvis Bay for international export. The proponent ships approximately 230 containers per annum. Additionally, 250 trucks with approximately 30 tonnes (1-ton bags) of bulk fines and charcoal per truck are transported to the Etosha Charcoal facility (Braai & BBQ international) in South Africa.

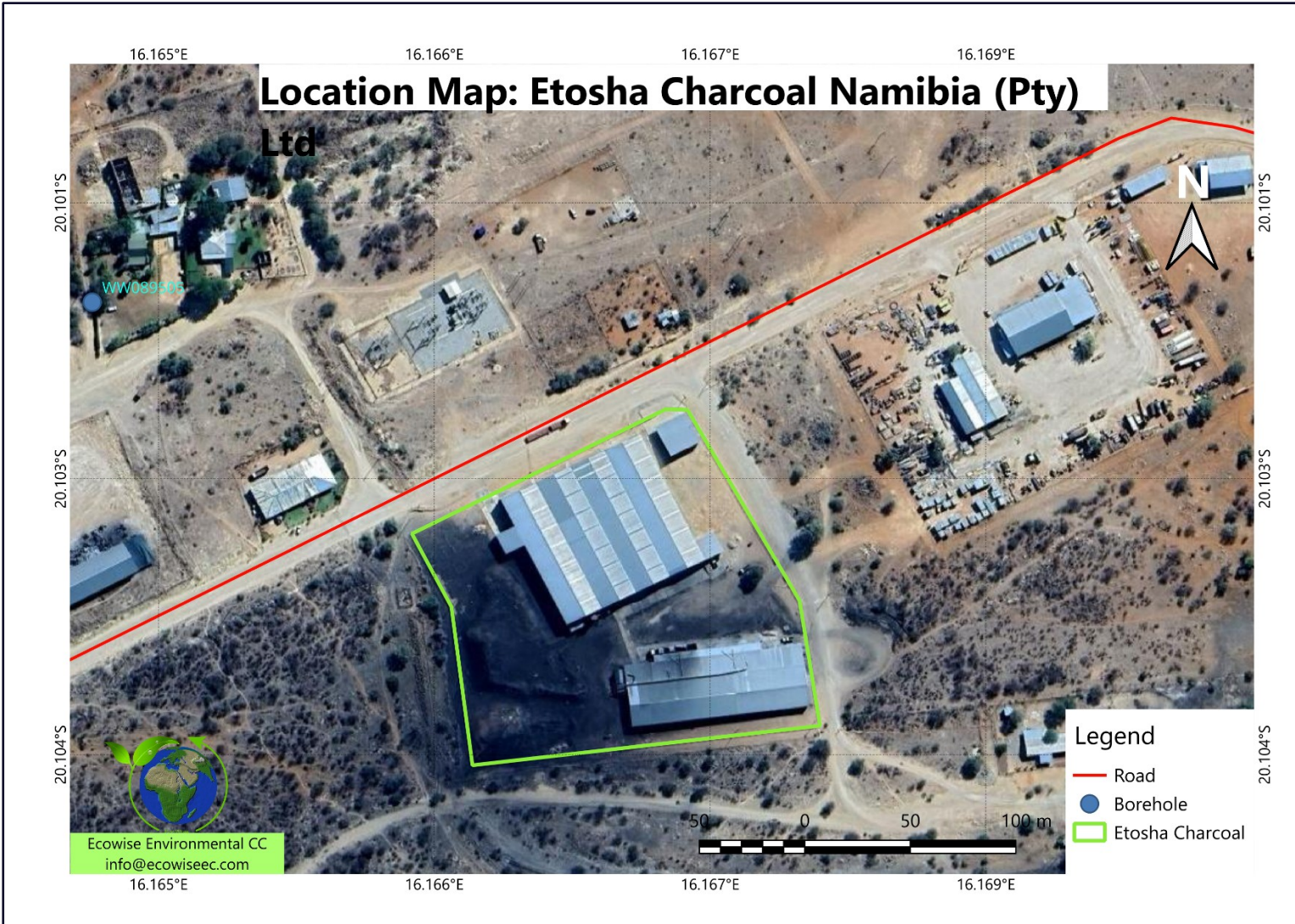
The following activities are associated with the project:

- The proponent receives bulk charcoal from farms surrounding the towns of Outjo, Otavi, Otjiwarongo, Kalkfeld and Kamanjab.
- The charcoal is sieved, sorted, and packed in bags on site.
- Charcoal is also stored on-site.
- The local municipality supplies the site with water from boreholes within Outjo.
- Electricity is supplied by Cenored.
- Fuel storage (2000L Diesel tank).

The following infrastructure is associated with the project:

- The infrastructure has been on this site since 1998.
- The on-site infrastructure include:

- o Administration office;
- o Charcoal screening and Packaging area;
- o Three Storage areas (1460 m<sup>2</sup> per unit – with the potential to store 3000-3500 tonnes of charcoal)
- o Ablution block;
- o A septic tank; and
- o Loading zone (for trucks and containers).



**Figure 1 - Location of the existing Etosha Charcoal Site**

## **1.2 ENVIRONMENTAL REGULATORY REQUIREMENTS**

The existing project activities trigger listed activity 2.2 within the regulations of the Environmental Management Act, No. 7 of 2007 and the Environmental Impact Assessment Regulation, No. 30 of 2012. As a listed activity is triggered an application for an Environmental Clearance Certificate (ECC) is required hence the proponent initially applied for an ECC and now it requires a renewal.

Etosha Charcoal has been established in Outjo in 1998, as such, the facility predates the promulgation of the Environmental Management Act (EMA), No.7 of 2007. Facilities predating the EMA are required to ensure potential environmental impacts are minimised and managed, through the development and implementation of a site-specific Environmental Management Plan (EMP).

### **1.2.1 POLICY, LEGAL AND ADMINISTRATIVE FRAMEWORK**

The Proponent will be required to abide to different policies, laws, regulations relating to the project. The Environmental Management Act No. 7 of 2007 and its regulation of 2012 are the main legislation, which were used as a guiding tool during the development of the EMP. Table 1, indicate the relevant legislation related to the project.

**Table 1: shows relevant legislation and policies related to the project**

Aspect	Legislation	Relevant Provisions	Relevance to the Project
The Constitution	Namibian Constitution First Amendment Act 34 of 1998	<ul style="list-style-type: none"> <li>- According to article 91(c) it provides for duty to guard against “the degradation and destruction of ecosystems and failure to protect the beauty and character of Namibia”</li> <li>- Article 95 (l) deals with the “maintenance of ecosystems, essential ecological processes and biological diversity” and sustainable use of the country’s natural resources.</li> </ul>	<p>The Constitution places a duty on all persons and businesses to protect the environment for present and future generations hence the charcoal facility should:</p> <ul style="list-style-type: none"> <li>- Operate in a manner that prevents environmental degradation.</li> <li>- Prevent contamination of soil and water resources.</li> <li>- Promote sustainable use of natural resources.</li> <li>- Ensure worker health and community wellbeing are protected.</li> <li>- Implement environmental management measures in daily operations</li> </ul>
Environmental	Environmental Management Act 7 of 2007	<ul style="list-style-type: none"> <li>- States that, projects with significant environmental impacts are subject to an environmental assessment process (Section 27).</li> <li>- Requires for adequate public participation during the environmental assessment process for interested and affected parties to voice their opinions on a project (Section 2).</li> </ul>	<p>The facility must:</p> <ul style="list-style-type: none"> <li>- Obtain a valid Environmental Clearance Certificate (ECC).</li> <li>- Implement the approved Environmental Management Plan (EMP).</li> <li>- Conduct regular environmental monitoring.</li> <li>- Prevent pollution from operations.</li> <li>- Report incidents to authorities where required.</li> <li>- Renew the ECC before expiry. The ECC expires after 3 years</li> </ul>
	EIA Regulations (2012)	<ul style="list-style-type: none"> <li>- Lists all activities, which cannot be undertaken without an EIA.</li> </ul>	<p>The facility should:</p> <ul style="list-style-type: none"> <li>- Ensure listed activities are authorized.</li> <li>- Comply with all ECC conditions.</li> <li>- Keep records of environmental performance.</li> <li>- Allow inspections by authorities.</li> <li>- Notify authorities before operational changes.</li> </ul>

	Nature Conservation Ordinance No. 4 of 1975	Chapter 6 provides for legislation regarding the protection of indigenous plants	- Ensure charcoal is sourced from legal suppliers
Soil	Soil Conservation Act 6 of 1969	This act covers the prevention and combating of soil erosion; the conservation, improvement and manner of use of the soil and vegetation; and the protection of water sources	The facility must: <ul style="list-style-type: none"> <li>- Prevent oil or fuel spills.</li> <li>- Maintain stable stockpile areas.</li> </ul>
Water	Water Act 54 of 1956	- Prohibits the pollution of underground and surface water bodies.	The facility should: <ul style="list-style-type: none"> <li>- Store fuels safely.</li> <li>- Use water efficiently for dust suppression</li> </ul>
Health and Safety	Labour Act (No 11 of 2007)	- This act emphasizes and regulates basic terms and conditions of employment, it guarantees prospective health, safety and welfare of employees and protects employees from unfair labour practices.	<ul style="list-style-type: none"> <li>- The proponent will be obliged to create a safe working environment for the personnel working at the site.</li> <li>- The proponent will have to comply with health and safety policies, including the compulsory use of specific PPE in designated areas to ensure adequate protection against health and safety risks.</li> <li>- Provide a safe working environment.</li> <li>- Train employees.</li> <li>- Prevent occupational exposure to dust.</li> <li>- Regulate working hours.</li> <li>- Maintain emergency procedures.</li> </ul>
	Public Health and Environmental Act, 2015	<ul style="list-style-type: none"> <li>- The act mainly emphasis on proper management of the environment, to prevent negative health impacts.</li> <li>- The act promotes proper waste management.</li> </ul>	The facility should: <ul style="list-style-type: none"> <li>- Prevent public health nuisances.</li> <li>- Control dust</li> <li>- Prevent unsafe waste accumulation.</li> <li>- Control fire risks.</li> <li>- Maintain sanitation.</li> <li>- Protect neighbouring communities.</li> <li>- Recycling, reuse and reduce must be practised at all times</li> </ul>

### **1.3 PURPOSE AND SCOPE OF THIS REPORT**

This EMP provides a logical framework, proposed mitigation measures and management strategies for the activities associated with the existing charcoal facility, in this way ensuring that the potential environmental and social impacts are mitigated and minimised as far as practically possible and that statutory and other legal obligations are adhered to and fulfilled. Outlined in the EMP are the protocols, procedures and roles and responsibilities to ensure that management arrangements are effectively and appropriately implemented.

This EMP is a live document and shall be reviewed at predetermined intervals, or updated when the scope of work alters, or when further data or information can be added. All personnel working on-site will be legally required to comply with the standards set out in this EMP.

The scope of this EMP includes all activities carried out during the operational phase of the existing charcoal facility.

### **1.4 MANAGEMENT OF THIS EMP**

The proponent, will hold the environmental clearance certificate for the existing charcoal facility and shall be responsible for the implementation and management of this EMP. This EMP shall be reviewed regularly, amended as required and approved for implementation. The implementation and management of this EMP and thus the monitoring of compliance shall be undertaken through daily duties and activities as well as monthly inspections. This EMP should be circulated to all contractors.

### **1.5 LIMITATIONS, UNCERTAINTIES AND ASSUMPTIONS OF THIS EMP**

This EMP does not include measures for compliance with statutory occupational health and safety requirements. This will be provided in the safety management plan to be developed by the proponent independently.

Where there is any conflict between the provisions of this EMP and any contractor's obligations under their respective contracts, including statutory requirements (such as licences, project approval conditions, permits, standards, guidelines, and relevant laws), the contract and statutory requirements are to take precedence.

The information contained in this EMP has been based on the existing charcoal facilities description as provided by the client. Where the project methods alter, this EMP may require updating and potential further assessment undertaken.

## **1.6 ENVIRONMENTAL CONSULTANCY**

Eco-Wise Environmental Consulting cc as an independent consultancy has been appointed by the proponent to conduct the renewal of their ECC which expired. Eco-Wise Environmental Consulting reviewed and updated this EMP which was initially prepared by Environmental Compliance Consultancy (ECC).

## 2. FACILITY MANAGEMENT PERSONNEL

The proponent shall provide a project team to oversee and undertake any new construction, maintenance activities and operational activities, which shall be composed of the proponent's personnel and contractors. A nominated role shall be identified to ensure the management and implementation of this EMP throughout the project is carried out, which shall be supported by the proponent.

### 2.1. ORGANISATIONAL STRUCTURE, ROLES AND RESPONSIBILITIES

The proponent shall be responsible for:

- Ensuring all members of the existing charcoal facility, including contractors (possible maintenance or construction site), comply with the procedures set out in this EMP;
- Ensuring that all personnel are provided with sufficient training, supervision, and instruction to fulfil this requirement; and
- Ensuring that any persons allocated specific environmental responsibilities are notified of their appointment and confirm, in writing, that their responsibilities are clearly understood.

Contractors hired for maintenance or construction on site shall be responsible for ensuring and demonstrating that all personnel employed by them are compliant with this EMP, and meet the responsibilities listed below. The key personnel and environmental responsibilities of each role throughout the project life are presented in Table 2.

**Table 2: Roles and Responsibilities**

ROLE	RESPONSIBILITIES & DUTIES
<b>General Manager (Proponent)</b>	<ul style="list-style-type: none"> <li>- Responsible for ensuring compliance with this EMP;</li> <li>- Ensuring employees understand and comply with the requirements of this EMP;</li> <li>- Ensuring that all personnel are provided with enough training, supervision and instruction to fulfil this requirement;</li> <li>- Ensuring compliance with this EMP including overseeing the day-to-day activities during operations, and routine and non-routine maintenance works during operations;</li> <li>- Ensure the environmental policy is communicated to all personnel;</li> <li>- Responsible for providing the required resources (including financial and technical) to complete any required tasks;</li> <li>- Responsible for the management, maintenance and revisions of this EMP;</li> </ul>

	<ul style="list-style-type: none"> <li>- Maintain community issues and concerns register and keep records of complaints and responses provided;</li> <li>- Maintain an up-to-date register(s) of employees who have completed the site induction;</li> <li>- Ensuring that best environmental practice is undertaken throughout the operations of the facility;</li> <li>- Notifying relevant regulatory authorities if serious environmental incidents occur as soon as possible.</li> <li>- Being responsible for all management plans and environmental monitoring; and</li> <li>- Receiving and responding to environment-related complaints received from the public or other stakeholders.</li> </ul>
<p><b>Foreman (Appointed HSE responsible person}</b></p>	<p>The proponent's foreman will be responsible for the implementation of the EMP for the facility. The foreman will be available, as required, throughout the operation of the facility and are responsible for the following roles:</p> <ul style="list-style-type: none"> <li>- Bearing authority and independence to demand reasonable steps as required to avoid or minimise unintended or adverse environmental impacts, and failing the effectiveness of such steps, to direct that relevant activities be ceased immediately should an adverse impact on the environment be likely to occur;</li> <li>- Weekly checklists must be completed by the foreman and findings submitted to the general manager;</li> <li>- Monthly EMP checklists must be completed by the foreman. Findings are to be submitted to the general manager;</li> <li>- Provisioning of environmental awareness/management training and inductions;</li> <li>- Ensuring that best environmental practice is undertaken throughout the operations of the facility; and</li> <li>- Timely distribution of any relevant environmental documentation, including revisions to this EMP to all staff.</li> <li>- Responsible for being compliant with and adhering to this EMP at all times;</li> <li>- Ensuring they have undertaken a site induction and are conversant with the requirements of this EMP; and</li> <li>- Reporting of any operations and conditions that deviate from the EMP or any non-compliant issues or accidents to the proponent.</li> </ul>
<p><b>Employees / Contractors as well as visitors where applicable</b></p>	<p>Any contractors hired for operation or maintenance activities at the facility shall be compliant with this EMP, and shall be responsible for the following:</p> <ul style="list-style-type: none"> <li>- Undertaking activities by following this EMP as well as relevant policies, procedures, management plans, statutory requirements, and contract requirements;</li> <li>- Implementing appropriate environmental and safety management measures;</li> <li>- Reporting environmental issues, including actual or potential environmental incidents and hazards, to the proponent, and;</li> <li>- Ensuring appropriate corrective or remedial action is taken to address all environmental hazards and incidents reported by employees and subcontractors.</li> </ul>

## 2.2. EMPLOYMENT

The proponent and all contractors shall comply with the requirements of the regulations for Labour, Health and Safety and any amendments to these regulations. The following shall be complied with:

- In liaison with local government, the community, stakeholders and relevant authorities the proponent shall ensure that local people have access to information about job opportunities and are considered first for construction/maintenance or on-site contract employment positions;
- The number of job opportunities shall be made known together with the associated skills and qualifications;
- The maximum length of time the job is likely to last for shall be clearly indicated;
- Foreign workers with no proof of permanent legal residence shall not be hired;
- Every effort shall be made to recruit from the pool of unemployed workers living in the local area, and
- Every employee hired must be provided with a valid employment contract stating, the position hired for, the hourly remuneration offered.

### **3. COMMUNICATION AND TRAINING**

It is important that regular communication is maintained with all the stakeholders and that stakeholders are made aware of potential impacts and how to minimise or avoid them. This section sets out the framework for communication and training in relation to the EMP.

#### **3.1 COMMUNICATIONS**

The foreman shall communicate any environmental issues to the project team through the following means (as and when required):

- Site induction;
- Internal and external audits and site inspections;
- Toolbox talks, including instruction on incident response procedures; and
- Briefings on key project-specific environmental issues.

This EMP shall be distributed to the on-site team including any contractors and personnel working at the existing charcoal facility to ensure that the environmental requirements are adequately communicated. Key activities and environmentally sensitive operations shall be briefed to workers and contractors.

During the operational activities, communication amongst the management team shall include discussing any complaints received and actions to resolve them, any inspections, audits, or non-conformance with this EMP, and any objectives or target achievements.

#### **3.2 ENVIRONMENTAL EMERGENCY AND RESPONSE**

The general manager and the foreman are the primary contact persons in the event of an environmental emergency. The general manager has the authority and independence to request reasonable steps be taken to avoid or minimise unintended or adverse environmental impacts and failing the effectiveness of such steps, to direct those relevant actions to be ceased immediately should an adverse environmental impact be anticipated.

In the event of an incident that requires emergency services, the following services should be contacted.

**Table 3 - Emergency Contact Details**

<b>TOWN</b>	<b>AMBULANCE</b>	<b>POLICE</b>	<b>FIRE BRIGADE</b>
<b>Outjo</b>	+264 (67) 31-3044	+264 (67) 1-0111	+264 (67) 31-3013

For large-scale spills (greater than 200 litres) and other significant environmental incidents, the fire services should be contacted as required and the MEFT office informed of the incident (telephone +264 61 284 2111). All correspondence with MEFT should be undertaken by the general manager as guided by the foreman.

### **3.3 COMPLAINTS HANDLING AND RECORDING**

The proponent shall maintain a complaint's register that will detail the name and contact details of the complainant, the date and time of the complaint, the nature of the complaint, the appropriate action taken to resolve the issues, and the date of complaint handover. The proponent shall be responsible for nominating the correct personnel to coordinate and resolve the issue.

Any complaints received verbally shall be recorded as per above and the information shall be given to the proponent who is responsible for the management of complaints and will provide a written response to the complainant.

The workforce shall be informed about the complaints register, its location and the person responsible, to refer residents or the public who wish to lodge a complaint. The complainant shall be informed in writing of the results of the investigation and action to be taken to rectify or address the matter(s). Where no action is taken, the reasons why are to be recorded in the register.

The complaints register shall be kept for the facility and will be available for government or public review upon request.

### **3.4 TRAINING AND AWARENESS**

All personnel working on-site shall be competent to perform tasks that have the potential to cause an environmental impact. Competence is defined in terms of appropriate education, training, and experience.

### 3.4.1 SITE INDUCTION

All personnel involved with the operational phase of the existing charcoal facility shall be inducted to the site with a specific environment and social awareness training component. The environment and social awareness training shall ensure that personnel are familiar with the principles of this EMP, the environment and social aspects and impacts associated with their activities, the procedures in place to control these impacts and the consequences of departure from these procedures. The proponent shall ensure a register of completed training is maintained.

The site induction should include, but not limited to the following:

- A general site-specific induction that outlines:
  - o What is meant by “environment” and “social”;
  - o What are the environmental risks and impacts of this facility;
  - o What can be done to mitigate against such impacts; and
  - o Why the environment needs to be protected and conserved.
- The inductee’s role and responsibilities with respect to implementing the EMP;
- The site environmental rules;
- Details of how to deal with, and who to contact if environmental problems do occur;
- Basic vegetation clearing principles and species ID sheets;
- Focal themes such as compliance, reporting of accidents and incidents, good housekeeping and standard procedures for waste management;
- The potential consequences of non-compliance with this EMP and relevant statutory requirements; and
- The roles of responsible people for the project.

## **4. REPORTING, COMPLIANCE AND ENFORCEMENT**

### **4.1. ENVIRONMENTAL INSPECTIONS AND COMPLIANCE MONITORING**

#### **4.1.1. DAILY COMPLIANCE MONITORING**

A copy of this EMP shall be on-site and should be available upon request. It is the responsibility of the foreman to enforce the provisions of this EMP and ensure this EMP is complied with by all personnel daily throughout the facility. Daily, weekly, and monthly inspections will be undertaken. Any environmental problem or risks identified shall be notified to the foreman and actioned as soon as is reasonably practicable.

#### **4.1.2. MONTHLY COMPLIANCE MONITORING**

Monthly inspections shall be undertaken by the general manager to check that the standards and procedures set out in this EMP are being complied with and pollution control measures are in place and working correctly. Any non-conformance shall be recorded, including the following details: a brief description of non-conformance, the reason for the non-conformance, the responsible party, the result (consequence), and the corrective action taken and any necessary follow up measures required.

#### **4.1.3 FOREST STEWARDSHIP COUNCIL (FSC)**

The proponent is FSC certified and exports its products to international markets with the endorsement of an internationally accredited organisation. Requirements as detailed in the EMP report must be complied with to maintain such certification.

#### **4.1.4 REPORTING**

There shall be a requirement to ensure that any incident or non-compliance, including any environmental issue, failure of equipment or accident, is reported to the general manager.

### **4.2. NON-COMPLIANCE**

Where it has been identified that works are not compliant with this EMP, the proponent shall employ corrective actions so that the works return to being compliant as soon as possible. In instances where the requirements of the EMP are not upheld, a non-conformance and corrective action notice shall be produced. The notice shall be generated during the inspections and the general manager shall be responsible for ensuring a corrective action plan is established and implemented to address the identified shortcoming.

A non-compliance event or situation, for example, is considered if:

- There is evidence of a contravention of this EMP and associated indicators or

objectives;

- The foreman or the contractor has failed to comply with corrective or other instructions issued by the manager or qualified authority; or
- The foreman or contractor fails to respond to complaints from the public.

Activities shall be stopped in the event of a non-compliant event identified until corrective action(s) has been completed.

### **4.3. INCIDENT REPORTING**

The general manager must ensure that an accident and incident (including minor or near-miss) reporting system is maintained by the foreman so that all applicable statutory requirements are covered. For any serious incident involving a fatality, or permanent disability, the incident scene must be left untouched until witnessed by a representative of the police. This requirement does not preclude immediate first aid being administered and the location being made safe.

The foreman must investigate the cause of all work accidents and significant incidents and must provide the results of the investigation and recommendations on how to prevent a recurrence of such incidents. A formal root-cause investigation process should be followed.

#### **4.3.1. DISCIPLINARY ACTION**

This EMP is a legally binding document and non-compliance with it shall result in disciplinary action being taken against the perpetrator(s). Such action may take the form of (but is not limited to):

- Fines/penalties;
- Legal action;
- Monetary penalties imposed by the proponent on the contractor;
- Withdrawal of licence(s); and
- Suspension of work.

The disciplinary action shall be determined according to the nature and extent of the transgression/ non-compliance, and penalties are to be weighed against the severity of the incident.

## **5. ENVIRONMENTAL AND SOCIAL MANAGEMENT**

### **5.1. ENVIRONMENTAL PERFORMANCE MEASUREMENT**

This chapter provides a register of environmental risks and issues, which identifies mitigation and monitoring measures, as well as roles responsible. This register will be subject to regular review by the manager and updated when necessary.

The proponent will use this register to undertake monthly inspections to ensure the existing charcoal facility is compliant with this EMP.

### **5.2. OBJECTIVES AND TARGETS**

Environmental protection is the responsibility of management and if management is environmentally aware, it motivates all employees and their associated business partners, customers, and suppliers to think and act in a more environmentally responsible manner. Environmental objectives and targets have been developed so that activities on the existing site can minimise potential impacts on the environment, as far as reasonably practicable.

Environmental objectives for the facility are as follows:

- Zero pollution incidents;
- Sustainable resource use (water and energy);
- Application of the waste management hierarchy;
- A safe working environment for employees; and
- Use natural resources effectively and efficiently.

### **5.3. REGISTER OF ENVIRONMENTAL RISKS AND ISSUES**

An environmental review of the existing facility has been completed to identify all the commitments and agreements that should be carefully followed. From this, a schedule of environmental commitments and risks has been produced (Table 4), which details deliverables including measures identified for the prevention of pollution or damage to the environment during the project's lifetime.

Table 4 provides a register of environmental risks and issues, which identifies mitigation and monitoring measures, as well as the responsible person. This register will be subject to regular review by the manager and updated when necessary. The general manager will use this register to undertake monthly inspections to ensure the existing charcoal facility is compliant with this EMP.

**Table 4 - Environmental Risks and Issues, and Mitigation and Monitoring Measures**

TASK ACTIVITY/ EQUIPMENT	IMPACT IDENTIFIED	MITIGATION CONTROL MEASURES	MONITORING REQUIREMENTS	RESPONSIBILITY
General construction/ maintenance and operational activities	Charcoal dust causing air pollution and possibly affecting employee health.	<p>The proponent utilises an industrial dust collector system to capture and handle charcoal dust emissions within the sieving and packaging areas of the facility during normal operations. In addition, dust suppression measures in place are also sprinklers which are installed on top of dumped charcoal dust.</p> <p>To minimise the further potential for charcoal dust generation the following management measures should be implemented, as required:</p> <ul style="list-style-type: none"> <li>- Maintain the dust collector system to reduce the risk of breakdowns.</li> <li>- Monitor air quality (depositional dust monitoring) to detect areas of concern by implementing dust monitoring stations at strategic locations around the facility.</li> <li>- Vehicles must adhere to speed limits to avoid producing excessive dust.</li> <li>- Vehicles and machinery should be maintained to limit exhaust fume emissions.</li> <li>- Use surfaces that minimise dust accumulation and facilitate effective cleaning.</li> <li>- Where an effect is profound, ensure dust suppression measures are in place.</li> <li>- Employees to use and wear the appropriate PPE.</li> </ul>	Daily	- Foreman

TASK ACTIVITY/ EQUIPMENT	IMPACT IDENTIFIED	MITIGATION CONTROL MEASURES	MONITORING REQUIREMENTS	RESPONSIBILITY
	Noise nuisances may be felt within and surrounding the facility area due to the expected operational activities.	<ul style="list-style-type: none"> <li>- Ensure noise levels are maintained within the International Labour Organisation (ILO) occupational exposure limit of 85 dB.</li> <li>- Ensure noise levels are maintained within the SANS standard for environmental noise, which is 70 dB (outdoors) and 60 dB (indoors) in an industrial district.</li> <li>- Avoid noise-generating activities that could impact other users of the area by ensuring noisy activities occur indoors; avoid hammering on metal that generates intermittent noise especially at night, and ensure appropriate measures are put in place to rectify noise complaints should they occur.</li> <li>- Avoid excessive noise-generating activities at night if the facility is to operate on a 24-hour cycle; and</li> <li>- Ensure that procedures for receiving complaints from nearby land users or residents to be in place and responded to timeously.</li> </ul>	Daily	General manager/ Foreman/ Employees

TASK ACTIVITY/ EQUIPMENT	IMPACT IDENTIFIED	MITIGATION CONTROL MEASURES	MONITORING REQUIREMENTS	RESPONSIBILITY
	Excessive sound generating machinery can result in nuisance for workers and neighbours while prolonged exposure to high levels of sound waves may cause long term loss of hearing.	<ul style="list-style-type: none"> <li>- Ensure noise levels and the length of exposure to loud noise is maintained within the International Labour Organisation's (ILO) occupational exposure and should be under 85 dB (Warning Limit) and a danger limit of 90 dB.</li> <li>- Ensure that machines are maintained regularly; and</li> <li>- Hearing protection should be provided to personnel.</li> <li>- Ensure selective occupational medical check-ups are performed on personnel on an annual basis.</li> </ul>	Daily	Foreman
	Activities involving the use of mechanical equipment may cause injury to personnel	<ul style="list-style-type: none"> <li>- Safety induction training sessions should be given to all technicians and field staff before commencement of their shifts;</li> <li>- Risk identification and suitable prevention measures should be employed within the facility area to eliminate potential impacts;</li> <li>- Routine medical checks to be conducted on personnel to ascertain fitness for work levels;</li> <li>- Frequent maintenance of all equipment and daily inspections done; and;</li> <li>- No unauthorized use of equipment is allowed.</li> </ul>	Daily/Monthly	Foreman

		<ul style="list-style-type: none"> <li>- In the unlikely event of a death occurring on-site from occupational negligence or otherwise from a “freak accident event”, all machinery should be shut down and the area secured and removing all personnel from the scene.</li> <li>- A root cause analysis into the event should be undertaken as soon as practicably possible; and</li> <li>- Counselling should be provided to the witnesses and other personnel members who may have been impacted by the event.</li> </ul>		
	Fire at the facility /Workshop	<ul style="list-style-type: none"> <li>- Development of a fire management system through the process of risk identification and assessment.</li> <li>- Identify and signpost dedicated assembly points around the facility.</li> <li>- Operational risk assessment for all hot works.</li> <li>- Developing site-specific work procedures as part of the fire management system.</li> <li>- Induction on fire prevention and toolbox talks.</li> <li>- Control and reduce the potential risk of fire by segregating and safe storage of flammable materials.</li> <li>- Avoid potential sources of ignition for example, by prohibiting smoking in and around the facility.</li> <li>- Perform hot work in a safe location, or with fire, hazards removed or covered.</li> <li>- Ensure suitable fire-extinguishing equipment is accessed immediately and conveniently whenever necessary. This can include pails of water, buckets of sand, or portable extinguishers.</li> </ul>	Daily	Foreman

		<ul style="list-style-type: none"><li>- Enforce safety procedures for hot work permits and ensure explosion hazards associated with hot work activity are recognized and mitigated.</li><li>- The dust explosion class for charcoal dust is characterised by the Kst dust deflagration index as “St 1” which is a “weak explosion”. Therefore:</li><li>- Adequate communication of hazard information is essential to ensuring that both employer and employees are aware of dust-related hazards and measures that can be taken to prevent dust explosions.</li><li>- Charcoal dust deposits should not be allowed to accumulate on surfaces, as these may form an explosive mixture if they are released abruptly into the atmosphere in sufficient concentration and ignited.</li><li>- Avoid dispersal of charcoal dust in the air (i.e., clearing dust surfaces with high velocity compressed air from surfaces should not be allowed).</li><li>- Ensure that the dust-handling systems (such as exhaust ducts, dust collectors, vessels, and processing equipment) are designed in a manner to prevent the escape of dust into the work area (i.e., there is no leakage from the equipment) and are maintained regularly.</li><li>- Ensure key personnel are trained and equipped on-site to handle normal and emergency breakdowns of the dust collector system.</li></ul>		
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TASK ACTIVITY/ EQUIPMENT	IMPACT IDENTIFIED	MITIGATION CONTROL MEASURES	MONITORING REQUIREMENTS	RESPONSIBILITY
Emergency Incidents	Soil and water contamination due to inadequate control or accidental release of hazardous substances on site	<p>Since there is the potential to store approximately 2000 litres of diesel onsite, the following should be taken into consideration.</p> <p><b>Storage</b></p> <ul style="list-style-type: none"> <li>- Separate hazardous and non-hazardous chemicals from each other;</li> <li>- Label chemicals appropriately;</li> <li>- Chemicals with different hazard symbols should not be stored together - clear guidance on the compatibility of different chemicals can be obtained from the Materials Safety Data Sheets (MSDS) which should be readily available;</li> <li>- Store chemicals in a dedicated, enclosed, and secure facility with a roof and a paved/concrete floor.</li> <li>- Diesel tanks should be completely contained within secondary containment such as bunding.</li> <li>- Consider the feasibility of substituting hazardous chemicals with less hazardous alternatives.</li> <li>- Fuels, lubricants, and chemicals are to be stored within appropriately sized, impermeable bunds or trays with a capacity not less than 110% of the total volume of products stored.</li> </ul> <p><b>Spills</b></p> <p>The spill kits with the following items as a minimum should be made available on site:</p> <ul style="list-style-type: none"> <li>- Absorbent materials;</li> <li>- Shovels;</li> <li>- Heavy-duty plastic bags;</li> <li>- Protective clothing (e.g., gloves and overalls);</li> <li>- Major servicing of equipment shall be undertaken offsite or within appropriately equipped workshops;</li> </ul>	Daily	All staff members

		<ul style="list-style-type: none"> <li>- For small repairs and required maintenance activities all reasonable precautions to avoid oil and fuel spills must be taken (e.g., spill trays, impervious sheets);</li> <li>- Provision of adequate and frequent training on spill management, spill response and refuelling must be provided to all onsite staff;</li> <li>- No refuelling is to take place within 50 meters of groundwater boreholes, surface water bodies or streams;</li> <li>- Vehicles and machinery are to be regularly serviced to minimise oil and fuel leaks, and</li> <li>- All major petroleum product spills (spill of more than 200 litres per spill) should be reported to the Ministry of Mines and Energy (MME) on Form PP/11 titled "Reporting of major petroleum product spill".</li> </ul> <p>The following points, therefore, apply to all areas on the site:</p> <ul style="list-style-type: none"> <li>- Assess the situation for potential hazards;</li> <li>- Do not come into contact with the spilled substance until it has been characterised and necessary personal protective equipment (PPE) is provided; and</li> <li>- Isolate the area as required.</li> <li>- The following measures are to be implemented in response to a spill: <ul style="list-style-type: none"> <li>- Spills are to be stopped at the source as soon as possible (e.g., close valve or upright drum);</li> <li>- Spilt material is to be contained to the smallest area possible using a combination of absorbent material, earthen bunds or other containment methods;</li> <li>- Spilt material is to be recovered as soon as possible using appropriate equipment. In most cases, it will be necessary to excavate the underlying soils until clean soils are encountered;</li> </ul> </li> <li>- All contaminated materials recovered after a spill, including soils, a facility absorbent pads and sawdust, are to be disposed of at an appropriately licenced facility;</li> </ul>		
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		<ul style="list-style-type: none"> <li>- A written incident report must be submitted to the general manager.</li> </ul>		
	<p>Environmental pollution (littering and poor storage of solid waste)</p>	<ul style="list-style-type: none"> <li>- Waste management should be handled in accordance with the International Finance Corporation (IFC) standards as follows:</li> <li>- Implement a waste management plan (from “cradle to grave” methodology) covering all aspects of waste generated on-site.</li> <li>- Training and toolbox talks about the importance of waste management.</li> <li>- Ensure a high standard of housekeeping across the site.</li> <li>- Solid waste shall be stored in an appointed area in covered, tip-proof metal drums/skips for collection and disposal to an approved waste management site.</li> <li>- The waste storage areas shall always be kept clean and tidy.</li> <li>- Storage of domestic waste on site may result in the attraction of unwanted scavengers and should be removed as soon as it is feasible.</li> <li>- Implement the waste management hierarchy across the site: Avoid, reuse, recycle, then dispose of.</li> <li>- Return packaging of hazardous and non-hazardous materials (wherever possible), such as empty bags for reuse.</li> <li>- Solid wastes should be deposited/emptied on a regular basis.</li> <li>- See the material safety data sheets available from suppliers for disposal of contaminated products and empty containers.</li> <li>- Liaise with the governing body (municipality/council) regarding the waste and handling of hazardous waste.</li> <li>- Hydrocarbon and chemical contaminated solids have the potential to cause contamination to the soil, ground and or surface water, thus correct storage and disposal methods are required.</li> </ul>	Daily/Weekly	All staff members

Waste Management	Possible sewage discharge runs the risk of pathogen /diseases transmissions and odours	<ul style="list-style-type: none"> <li>- Ensure toilets are always clean and dry.</li> <li>- Provide adequate sanitary facilities, including clean water, soap, disposable paper towels.</li> <li>- Ensure suitable personal protective equipment that may include waterproof/abrasion-resistant gloves, footwear, eye, and respiratory protection.</li> <li>- Face visors are particularly effective against splashes when working with sewage.</li> <li>- Recycle wastewater, where possible.</li> <li>- Install an impermeable hardstand in areas of high-risk contamination to prevent ground infiltration by pollutants.</li> <li>- Segregation of wastewater (domestic and industrial effluent); and</li> <li>- The monitoring of wastewater discharges should be conducted regularly.</li> </ul>	Daily	Foreman
Groundwater and surface water pollution	Possible nutrient enrichment of groundwater due to leakage of sewage into the groundwater	<ul style="list-style-type: none"> <li>- The sewage system needs to be maintained at all times.</li> <li>- Need to carefully investigate the sewage system regularly to look for leakages.</li> <li>- The sewage system needs to be cleaned regularly.</li> <li>- The Outjo Municipality will be responsible for the cleaning of the sewerage tanks every week, or more frequently if needed</li> <li>- Groundwater needs to be monitored and tested to ensure that there is no contamination.</li> </ul>	Daily/weekly	General manager / Foreman / Employees
Job creation, skills development and business opportunities	Beneficial socioeconomic impacts on a Local and Regional scale	<ul style="list-style-type: none"> <li>- Maximise local employment and local business opportunities;</li> <li>- Enhance the use of local labour and local skills as far as reasonably possible; and</li> <li>- Ensure that goods and services are sourced from the local and regional economy as far as reasonably possible.</li> </ul>	Monthly	General manager/Proponent

## 6. DECOMMISSIONING

In the event that the facility is closed (and if ownership is not transferred), the proponent and the Outjo Municipality should mutually agree on the way ahead for the site and the buildings on-site. If the Outjo Municipality has no use or plan for the site or buildings on-site the proponent will be responsible to remove all equipment, machinery, products, chemicals, fuel or any other materials from the site. If infrastructure is removed during decommissioning it is recommended that the proponent implement a rehabilitation plan for the site, to ensure that the site is safe and that no further degradation to the site can occur.

## 7. IMPLEMENTATION OF THE EMP

The operation of an existing charcoal screening, packaging, and storage facility in Outjo should be in line with this EMP to ensure compliance with the relevant regulations. No significant impacts are anticipated for the activities that have been identified and management and mitigation measures are in place for potential risks.

This EMP; has been prepared according to a contract with the proponent; has been prepared based on information provided by the proponent to ECC up to June 2021 and also on the site inspection conducted on 20 March 2026, is for the sole use of the proponent, for the sole purpose of an EMP; must not be used (1) by any person other than the proponent or (2) for a purpose other than an EMP; and must not be copied without the prior written permission of ECC.

## 8. CONCLUSION AND RECOMMENDATIONS

Basing on the site inspection conducted on the 20<sup>th</sup> of March 2026, it was observed that, the facility is operating in a satisfactory manner. The site inspection confirmed that, appropriate measures have been implemented to manage key environmental aspects associated with the operation, including dust suppression, waste management, fire prevention, worker safety and general housekeeping. The facility demonstrated a strong commitment to environmental stewardship through the use of dust control systems, regular equipment maintenance, proper storage and handling of charcoal products, and the provision of personal protective equipment to employees. The overall condition of the facility reflects good environmental performance and a proactive approach toward minimizing risks to workers, the surrounding community and the environment.

The following recommendations have however been brought forward:

- Enforce the employees to wear their PPE

- Environmental monitoring by an independent environmental consultancy must be carried out to monitor environmental compliance. Bi-annual reports should be written and submitted to MEFT. These monitoring reports should accompany the application for renewal of the environmental clearance certificate after 3 years

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# **APPENDIX A**

- 1. ENVIRONMENTAL INSPECTION PERFORMANCE SHEET**
- 2. SITE PICTURES**
- 3. CONSENT LETTER - OUTJO MUNICIPALITY**
- 4. REGISTER**
- 5. QUESTIONNAIRES**
- 6. BACKGROUND INFORMATION DOCUMENT**



**ENVIRONMENTAL INSPECTION PERFORMANCE SHEET FOR  
THE OPERATION OF AN EXISTING CHARCOAL SCREENING,  
PACKAGING, AND STORAGE FACILITY IN OUTJO, KUNENE  
REGION, NAMIBIA**

**MEFT PROJECT NO.: 260319007193**

**ETOSHA CHARCOAL NAMIBIA (PTY) LTD**



**APRIL 2026**

<b>Client:</b>	Etosha Charcoal Namibia Pty Ltd
<b>Project:</b>	Charcoal Screening, Packaging & Storage Facility
<b>Location:</b>	President Ave,652, Outjo, Industrial Area
<b>Audit Date:</b>	20/03/2026
<b>Auditor:</b>	Ruth from Eco-Wise Environmental Consulting
<b>Facility Representative</b>	Daniel

## 1. AIR QUALITY MANAGEMENT

Aspect	Performance Indicator	Compliance (Yes/No/Partial)	Observations	Corrective Action
Charcoal Dust emissions (screening)	<ul style="list-style-type: none"> <li>• Dust suppression measures in place (water spraying)</li> <li>• Screening equipment maintained to minimize dust emissions.</li> <li>• Regular cleaning of packing areas to control dust accumulation.</li> </ul>	YES	<p>Charcoal dust depends on quality of charcoal from the farms. The following is done as measures;</p> <ul style="list-style-type: none"> <li>• Water spraying is done through the use of sprinklers. The sprinklers were operational</li> <li>• Dust collectors to capture fine charcoal particles are available</li> <li>• Housekeeping was well maintained, with cleaning undertaken every Friday</li> <li>• Screening equipment is serviced weekly to ensure efficient performance and reduce dust release.</li> <li>• Charcoal dust is mixed with sand before disposal to prevent wind dispersion.</li> </ul>	
Dust from stockpiles	Stockpiles management	YES	<ul style="list-style-type: none"> <li>• Stockpiles are properly managed to reduce windblown dust and also sand is mixed with the charcoal dust before dumping on the stockpile. Stockpiles are not covered but sprinklers are installed on top of the stockpiles and they are watered 2 to 3 times per week.</li> </ul>	

Vehicle emissions	Trucks well maintained, no excessive smoke	YES	<ul style="list-style-type: none"> <li>Etosha Charcoal enforces roadworthy of trucks. Trucks entering the site are required to meet roadworthy standards, reducing excessive exhaust emissions.</li> </ul>	
Windblown charcoal fines	Windbreaks/barriers installed	YES	<ul style="list-style-type: none"> <li>Enclosed shades are available on the screening area</li> </ul>	

## 2. NOISE MANAGEMENT

Aspect	Performance Indicator	Compliance (Yes/No/Partial)	Observations	Corrective Action
Screening equipment noise	<p>Equipment fitted with silencers/mufflers</p> <p>Machinery must be maintained to reduce unnecessary noise.</p>	YES	<ul style="list-style-type: none"> <li>Screening equipment is regularly maintained to reduce excessive operational noise.</li> <li>Machinery appeared to operate efficiently without unusual or excessive noise.</li> <li>The facility maintained a generally controlled noise environment during inspection.</li> </ul>	
Working hours	Operations to be conducted during normal	YES	<ul style="list-style-type: none"> <li>Operations are conducted during normal daytime working hours (7am-5pm)</li> </ul>	

	working hours where possible.			
Worker exposure	PPE (earplugs) provided and used	PARTIAL	<ul style="list-style-type: none"> <li>Workers exposed to noise were provided with earplugs</li> </ul>	It is recommended that the Health and Safety representatives especially at the section of packaging enforce the employees working at the section to put on their earplugs. It is also recommended that the employees working at the packaging section, rotate so as to reduce their time of exposure to noise around their working station.

### 3. WASTE MANAGEMENT

Aspect	Performance Indicator	Compliance (Yes/No/Partial)	Observations	Corrective Action
Charcoal fines General waste	<ul style="list-style-type: none"> <li>• Collected and reused or properly disposed</li> <li>• Waste bins available and labelled</li> </ul>	YES	<ul style="list-style-type: none"> <li>• Charcoal fines were collected for reuse where possible, reducing waste generation.</li> <li>• Waste bins were available at key operational areas.</li> <li>• Site housekeeping was pleasing, the site was very clean</li> </ul>	
Hazardous waste	Oils/fuels stored in designated areas	YES	<ul style="list-style-type: none"> <li>• There is a fuel tank onsite and it is installed on a banded area.</li> </ul>	
Waste disposal	Damaged bags and packaging waste must be collected and disposed of at approved waste facilities.		<ul style="list-style-type: none"> <li>• Waste is disposed off at an designated waste facility</li> </ul>	



**5. WATER MANAGEMENT**

<b>Aspect</b>	<b>Performance Indicator</b>	<b>Compliance (Yes/No/Partial)</b>	<b>Observations</b>	<b>Corrective Action</b>
Contamination prevention	<ul style="list-style-type: none"> <li>• No runoff contaminated with charcoal or oil</li> <li>• Fuel storage areas secured and monitored</li> <li>• No chemicals or fuels discharged onto soil or into drainage systems.</li> </ul>	YES	<p>Water for use is obtained from Outjo municipality</p> <ul style="list-style-type: none"> <li>• No contaminated runoff was observed leaving the operational areas.</li> <li>• Fuel storage area was secured to prevent accidental leaks. There is an above ground fuel tank</li> <li>• No chemicals or fuels were observed being discharged onto soil.</li> <li>• Drainage around the site appeared clean and unobstructed.</li> </ul>	

**6. HEALTH AND SAFETY (ENVIRONMENTAL RELATED)**

Aspect	Performance Indicator	Compliance	Observations	Corrective Action
PPE Provision	Masks, gloves, boots provided and used	YES	<ul style="list-style-type: none"> <li>Employees had PPE. Once per week they are given gloves and twice per year they are given work suits. On busy days, employees are given masks every day but when its not too busy they are given every 2nd day</li> </ul>	It is recommended that even temporary employees be given work suits and any necessary PPE. It was indicated that the temporary employees are around 5 people.
PPE usage	All employees putting on their PPE	PARTIAL	<ul style="list-style-type: none"> <li>Workers were observed wearing PPE but at some sections like the screening and packaging the employees were operating not putting masks and earplugs respectively.</li> </ul>	Employees should always put on their PPE. The Health and Safety representatives should also enforce.

Fire risk	<ul style="list-style-type: none"> <li>• Fire extinguishers available and serviced</li> <li>• Fire extinguishers must be available in all production and storage areas.</li> <li>• Charcoal must be properly weathered before packing</li> </ul>	YES	<ul style="list-style-type: none"> <li>• Health and safety and also fire fighting trainings are conducted every year. The proponent sends the representatives for trainings</li> <li>• The Health and Safety representatives used to be two but the number was increased to five</li> <li>• Fire extinguishers were available in operational and storage areas. The fire extinguishers were also serviced</li> <li>• Emergency response procedures were communicated to workers.</li> <li>• Work areas were generally neat and safe for employees.</li> </ul>	
	<ul style="list-style-type: none"> <li>• No open flames or smoking allowed near charcoal storage areas.</li> </ul>		<ul style="list-style-type: none"> <li>• It was observed that there was fire outside near the screening area which was used by the employees.</li> </ul>	Immediately the employees shifted and went to the place designated for cooking. It is recommended that the employees use the kitchen/canteen area to prepare their coffee.
Emergency preparedness	Emergency plan available	YES		

**7. STORAGE AND HANDLING OF CHARCOAL**

<b>Aspect</b>	<b>Performance Indicator</b>	<b>Compliance</b>	<b>Observations</b>	<b>Corrective Action</b>
<p>Storage conditions</p> <p>Fire prevention</p> <p>Stacking practices</p>	<p>Charcoal stored in dry, ventilated areas</p> <p>No open flames near storage</p> <p>Safe and stable stacking</p>	<p>YES</p>	<ul style="list-style-type: none"> <li>• Charcoal was stored in dry and ventilated areas.</li> <li>• Charcoal bags were stacked in a stable and orderly manner.</li> <li>• Storage areas were free from ignition sources.</li> </ul>	

**8. LEGAL AND ECC COMPLIANCE**

<b>Aspect</b>	<b>Performance Indicator</b>	<b>Compliance</b>	<b>Observations</b>	<b>Corrective Action</b>
Environmental Clearance Certificate	Valid ECC available on site	NO	<ul style="list-style-type: none"> <li>• Need for ECC renewal</li> </ul>	
EMP implementation	EMP measures being followed	YES	<ul style="list-style-type: none"> <li>• Environmental Management Plan measures were being implemented.</li> </ul>	<ul style="list-style-type: none"> <li>• The employees should continuously be made aware of the EMP so that they have an understanding of the document.</li> </ul>

**9. COMMUNITY AND SOCIAL ISSUES**

<b>Aspect</b>	<b>Performance Indicator</b>	<b>Compliance</b>	<b>Observations</b>	<b>Corrective Action</b>
<p>Dust complaints</p> <p>Traffic impacts</p> <p>Employment</p>	<ul style="list-style-type: none"> <li>• No unresolved community complaints</li> <li>• Controlled movement of trucks</li> <li>• Local employment encouraged</li> </ul>	<p>YES</p>	<ul style="list-style-type: none"> <li>• There is an entrance and exit for trucks visiting the site</li> <li>• Dust control measures help minimize impacts on neighbouring properties. The Consultant also visited the neighbours to the site and they did not give any complaints.</li> <li>• Local employment opportunities were being promoted.</li> <li>• Site management showed commitment to reducing nuisance impacts.</li> </ul>	

**OVERALL PERFORMANCE RATING**

<b>Rating Criteria</b>
Excellent
Good
Fair
Poor

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**AUDITOR'S COMMENTS AND RECOMMENDATIONS**

In general, the overall performance of the site is excellent, the proponent is committing to ensure a safe working environment. Some of the major commitments are towards the implemented dust control measures, regular equipment maintenance, proper storage and handling of charcoal products, and the provision of personal protective equipment to employees. The overall condition of the facility reflects good environmental performance and a proactive approach toward minimizing risks to workers, the surrounding community and the environment. It is however recommended that, the employees always put on their PPE.

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**a) Entrance and Exit**



**b) Screening area**



**c) Housekeeping around the screening area**



**d) One of the dust collectors on site which is well cleaned**





**g) designated area for dumping charcoal fines**



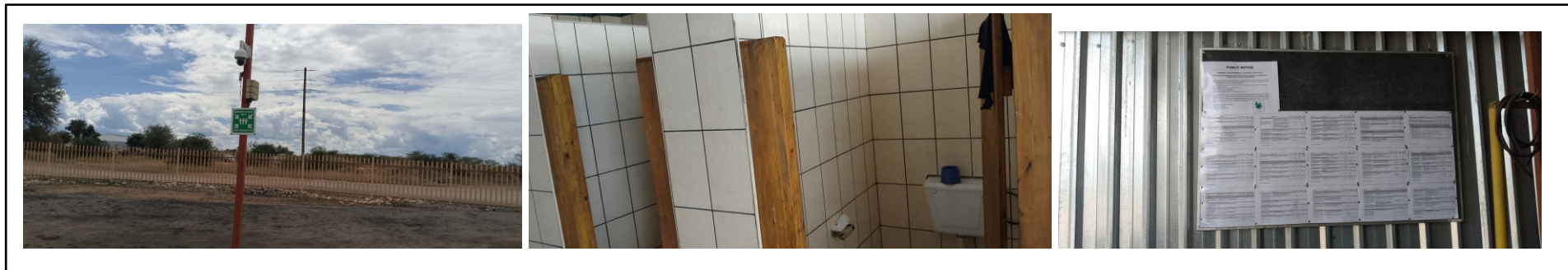
**h) packaging and storage area, forklifts are used on site**



**i) Certificate of training in Health and Safety and Fire Fighting**



**j) Fire fighting equipment on site is serviced**



**k) Assemble point, ablution facilities, public notice placed on site**

# Municipality of Outjo

7 Hage G. Geingob Ave. P.O. Box 51, Outjo, Namibia

Tel. +264 - 67 - 313013 / Fax: +264 - 67 - 313065

E-mail: [secretarytoceo@outjomun.com.na](mailto:secretarytoceo@outjomun.com.na)



Reference: 17/1/3/1

Date: 01 April 2026

Echo-Wise Environmental Consulting  
P.O. Box 40168  
AUSSPANNPLATZ  
WINDHOEK

Dear Ms Mutyavaviri

**RE: RENEWAL OF ENVIRONMENTAL CLEARANCE CERTIFICATE FOR OPERATION OF AN EXISTING CHARCOAL SCREENING, PACKAGING AND STORAGE FACILITY IN OUTJO, KUNENE REGION**

With reference to your correspondence dated 25 March 2026.

Etosha Charcoal is the largest screening and packing charcoal plant in Outjo, registered with the Municipal Council and located on erven 652, 653, and 654 in the northern industrial area. The facility includes a receiving area for truck unloading, a screening section equipped with dual filters (24 heavy-duty dust filters and 96 nylon sock filters to control dust), and a packing and storage area.

Ablutions and locker rooms are functional. Fire safety features include six 30-meter hose reels and two 20,000-liter reservoirs with a pressure pump for water supply.

Having met all regulations, the Municipality of Outjo supports renewing the Environmental Clearance Certificate.

Yours faithfully

I. TJIPURA  
ACTING CHIEF EXECUTIVE OFFICER

ECO-WISE ENVIRONMENTAL CONSULTING  
P.O BOX 40168 AUSSPANPLATZ,  
WINDHOEK, NAMIBIA  
CELL: +264813826460  
EMAIL: info@ecowiseec.com  
WEBSITE: www.ecowiseec.com



- Environmental Impact Assessments
- Environmental Monitoring
- Pollution remediation
- Topographic & Engineering surveys
- Geological services
- Hydrological services
- Geotechnical services
- Hydrogeological services

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Outjo Municipality  
P.O Box 51  
Outjo  
Namibia  
Tel: +264 67 313 013

25/03/2026

**RENEWAL OF ENVIRONMENTAL CLEARANCE CERTIFICATE FOR OPERATION OF AN EXISTING CHARCOAL SCREENING, PACKAGING AND STORAGE FACILITY IN OUTJO, KUNENE REGION**

**RE: INVITATION FOR COMMENTS ON THE ABOVE-MENTIONED PROJECT**

Etosha Charcoal Namibia (Pty) Ltd which is located in President Ave,652, Outjo, Industrial Area is proposing to renew its Environmental Clearance Certificate with Ministry of Environment Forestry and Tourism. Etosha Charcoal Namibia (Pty) Ltd is operating a charcoal processing plant in Outjo, Kunene Region. The charcoal facility is in operation and the following activities are being conducted; screening, packaging and storage. Eco-Wise Environmental Consulting cc is therefore applying for the ECC on behalf of Etosha Charcoal Namibia (Pty) Ltd. According to the regulations gazetted in the Environmental Management Act (Act No 7 of 2007), we are required to engage the local authority as part of consultation process, to get their views on projects within their jurisdiction.

You have been identified as a relevant stakeholder to the project mentioned- above. Eco-Wise Environmental Consulting cc is hereby inviting you to comment on the above-mentioned project and also to write a formal letter pointing out your views, concerns or comments towards the operation of the charcoal facility.

Yours sincerely

A handwritten signature in black ink, appearing to read 'Ruth Mutyavaviri', is written over a light blue horizontal line.

Ms Ruth Mutyavaviri  
**Environmental Consultant**  
**Eco-Wise Environmental Consulting**

ECO-WISE ENVIRONMENTAL  
CONSULTING CC  
+264 81 382 6460  
info@ecowiseec.com

# REGISTER

FOR INTERESTED AND AFFECTED PARTIES FOR THE RENEWAL OF ENVIRONMENTAL CLEARANCE CERTIFICATE FOR PROPOSED OPERATION OF AN EXISTING CHARCOAL SCREENING, PACKAGING AND STORAGE FACILITY IN OUTJO, KUNENE REGION.

ON-SITE CONSULTATION HELD ON 20/03/2026

Name of participant	Organisation	Contact Details			Signature
		Telephone	Email	Address	
Itepe Selmer	Etosha Charcoal	0814745862			I. Selmer
Friedrich Hifkopungu	Etosha charcoal	0814570952			Friedrich Hifkopungu
Hendrik	MATE to sha	0812445800			Hendrik
Michael Haneb	Etosha charcoal	0816851681			Michael Haneb
Joseph M Masika	Etosha charcoal	0813212534			Joseph M Masika
Chris Oddeb	Etosha charcoal	0813821224			Chris Oddeb
Esther Kooper	Namra	0812679220			Esther Kooper
Anna N Kungu	Nexus Plant Hire	081405934			Anna N Kungu
Herman JC	Scanam	0814785108			Herman JC

**RENEWAL OF ENVIRONMENTAL CLEARANCE CERTIFICATE FOR PROPOSED OPERATION OF AN EXISTING CHARCOAL SCREENING, PACKAGING AND STORAGE FACILITY IN OUTJO, KUNENE REGION**  
**REGISTRATION AND COMMENT SHEET**  
**CLOSING DATE 3 APRIL 2026**

Eco-Wise Environmental Consulting cc  
P.O Box 40168 Ausspannplatz, Windhoek



Cell: +264 81 382 6440  
Email: info@ecowisecc.com

Please complete by 3 April 2026, and return to the Public Participation Office (details above). Please use separate sheets if you wish.

Title:	First Name: Michael
Organization: Ebasha Charcoal	Surname: Haneb
Telephone No/: 0516851861	Email:
Date 20/3/26	Postal Address:

Please formally register me as an interested and affected party (I&AP) so that I may receive further information and notifications during the assessment process (Please tick applicable box)	Yes	
	No	
I would like my notification by	Email	
	Tel	
	Letter mail	

What do you think about the project?

Answer:

I want the project must end

What recommendations do you have for the project?

Answer:

I am I one die driver

Signature: 

**RENEWAL OF ENVIRONMENTAL CLEARANCE CERTIFICATE FOR PROPOSED OPERATION OF AN EXISTING CHARCOAL SCREENING, PACKAGING AND STORAGE FACILITY IN OUTJO, KUNENE REGION**  
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P.O Box 40168 Ausspannplatz, Windhoek



Cell: +264 81 382 6466  
Email: info@ecowise.co.na

Please complete by 3 April 2026, and return to the Public Participation Office (details above). Please use separate sheets if you wish.

Title:	First Name: JOSEPH Mulyata
Organization: Etosha Charcoal	Surname: Maseka
Telephone No/: 081 3213539	Email:
Date 20/03/2026	Postal Address:

Please formally register me as an interested and affected party (I&AP) so that I may receive further information and notifications during the assessment process (Please tick applicable box)	Yes	
	No	
I would like my notification by	Email	
	Tel	
	Letter mail	

What do you think about the project?

Answer:

I want the project must be positive.

What recommendations do you have for the project?

Answer:

I want to be a driver

Signature Maseka

**RENEWAL OF ENVIRONMENTAL CLEARANCE CERTIFICATE FOR PROPOSED OPERATION OF AN EXISTING CHARCOAL SCREENING, PACKAGING AND STORAGE FACILITY IN OUTJO, KUNENE REGION**  
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 P O Box 40168 Aussspanplatz, Windhoek



Cell: +264 81 382 6460  
 Email: info@ecowisecc.com

Please complete by 3 April 2026, and return to the Public Participation Office (details above). Please use separate sheets if you wish.

Title:	First Name: Selma
Organization: ETosha Charcoal	Surname: Iltope
Telephone No/: 0814745862	Email:
Date: 20-03-2026	Postal Address:

Please formally register me as an interested and affected party (I&AP) so that I may receive further information and notifications during the assessment process (Please tick applicable box)	Yes	
	No	
I would like my notification by	Email	
	Tel	
	Letter mail	

What do you think about the project?

Answer:

What recommendations do you have for the project?

Answer: I want to be officer work

Signature: I. Selma

**RENEWAL OF ENVIRONMENTAL CLEARANCE CERTIFICATE FOR PROPOSED OPERATION OF AN EXISTING CHARCOAL SCREENING, PACKAGING AND STORAGE FACILITY IN OUTJO, KUNENE REGION**  
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Cell: +264 81 382 6460  
Email: info@ecowiseec.com

Please complete by 3 April 2026, and return to the Public Participation Office (details above). Please use separate sheets if you wish.

Title:	First Name: <i>Chris</i>
Organization: <i>Etosha charcoal</i>	Surname: <i>Odeeb</i>
Telephone No/: <i>0813821224</i>	Email:
Date: <i>20 March 2026</i>	Postal Address:

Please formally register me as an interested and affected party (I&AP) so that I may receive further information and notifications during the assessment process (Please tick applicable box)	Yes	
	No	
I would like my notification by	Email	
	Tel	
	Letter mail	

What do you think about the project?

Answer:

*I think the project MUST NOT STOP*

What recommendations do you have for the project?

Answer:

*I one to be a driver*

Signature..... *C Odeeb*

**RENEWAL OF ENVIRONMENTAL CLEARANCE CERTIFICATE FOR PROPOSED OPERATION OF AN EXISTING CHARCOAL SCREENING, PACKAGING AND STORAGE FACILITY IN OUTJO, KUNENE REGION**  
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Please complete by 3 April 2026, and return to the Public Participation Office (details above). Please use separate sheets if you wish.

Title:	First Name: Hendrik
Organization: ETosha Charcoal	Surname: Mamee
Telephone No/: 0812445800	Email:
Date: 20-3-2026	Postal Address:

Please formally register me as an interested and affected party (I&AP) so that I may receive further information and notifications during the assessment process (Please tick applicable box)	Yes	
	No	
I would like my notification by	Email	
	Tel	
	Letter mail	

What do you think about the project?

Answer:

What recommendations do you have for the project?

Answer: driver

Signature: Hendrik

**RENEWAL OF ENVIRONMENTAL CLEARANCE CERTIFICATE FOR PROPOSED OPERATION OF AN EXISTING CHARCOAL  
SCREENING, PACKAGING AND STORAGE FACILITY IN OUTJO, KUNENE REGION  
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Cell: +264 81 382 6460  
Email: info@ecowiseec.com

Please complete by 3 April 2026, and return to the Public Participation Office (details above). Please use separate sheets if you wish.

Title:	First Name: <i>Frenhundy</i>
Organization: <i>ETosha Charcoal</i>	Surname: <i>#IFikepunye</i>
Telephone No/: <i>0814570952</i>	Email:
Date: <i>20-03-2026</i>	Postal Address:

Please formally register me as an interested and affected party (I&AP) so that I may receive further information and notifications during the assessment process (Please tick applicable box)	Yes	
	No	
I would like my notification by	Email	
	Tel	
	Letter mail	

What do you think about the project?

Answer:

What recommendations do you have for the project?

Answer: *driver*

Signature: *Frenhundy*

**RENEWAL OF ENVIRONMENTAL CLEARANCE CERTIFICATE FOR PROPOSED OPERATION OF AN EXISTING CHARCOAL  
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Please complete by 3 April 2026, and return to the Public Participation Office (details above). Please use separate sheets if you wish.

Title:	First Name: Estelin
Organization: napa	Surname: Kooper
Telephone No/: 0812679520	Email:
Date	Postal Address:

Please formally register me as an interested and affected party (I&AP) so that I may receive further information and notifications during the assessment process (Please tick applicable box)	Yes	
	No	
I would like my notification by	Email	
	Tel	
	Letter mail	

What do you think about the project?

Answer:

not matter  
na

What recommendations do you have for the project?

Answer:

Signature: C. Kooper

# BACKGROUND INFORMATION DOCUMENT (BID)

## RENEWAL OF ENVIRONMENTAL CLEARANCE CERTIFICATE FOR PROPOSED OPERATION OF AN EXISTING CHARCOAL SCREENING, PACKAGING AND STORAGE FACILITY IN OUTJO, KUNENE REGION



### PURPOSE OF THIS DOCUMENT

The purpose of this BID is to brief relevant stakeholders about the proposal to renew the ECC for Etosha Charcoal Namibia (Pty) Ltd

### WHO IS DOING THE RENEWAL APPLICATION?

In terms of the Environmental Management Act (2007) and EIA Regulations (2012), an independent practitioner may be appointed to conduct the environmental assessment. Eco-Wise Environmental Consulting cc has been appointed to conduct the Environmental Assessment. Eco-Wise will review the old EMP, conduct a site visit and update the EMP report which will then be submitted to Ministry of Environment Forestry and Tourism for review. The Proponent is conducting an Environmental Assessment for the above-mentioned project in a bid to abide with Namibian laws which promote environmental sustainability such as the Environmental Management Act (2007) and its regulations of 2012.

For more information or commenting on this project, please contact us before **3 April 2026**:

**Public Participation Office**  
**Eco-Wise Environmental Consulting**  
**P.O Box 40168 Ausspannplatz,**  
**Windhoek**  
**Tel: +264 81 382 6460**  
**Email: [info@ecowiseec.com](mailto:info@ecowiseec.com)**

### BACKGROUND

Etosha Charcoal Namibia (Pty) Ltd (Proponent) is operating a charcoal processing plant in Outjo, Kunene Region. The Proponent intends to renew the Environmental Clearance Certificate with Ministry of Environment Forestry and Tourism. The plant is already existing and the following activities are conducted; screening, packaging and storage.

The charcoal processing plant is located in President Ave,652, Outjo, Industrial Area. The coordinates are; -20.10297: 16.1671.

The project is associated with both positive and negative impacts. Potential negative impacts include noise which will be generated from trucks offloading and collecting the charcoal. Charcoal dust will mainly be created during the screening phase whereby handling of the charcoal will be done by screening the charcoal according to sizes and quality. General dust will also be generated by the trucks delivering and collecting charcoal. Other potential negative impacts which might be associated with this activity include; waste generation from damaged charcoal bags, plastic packaging waste and general operational waste. In addition, fire risks from charcoal dust and storage piles may present a fire hazard if not properly managed.

Positive impacts include; employment creation whereby permanent jobs are created and value is added to intruder bush by processing it into charcoal.

### OBJECTIVES

- To comply with Namibia's relevant laws, policies and regulations.
- To propose alternative measures where it is noticed that adverse effects may occur.
- To update an EMP that will govern all activities of the project for the better protection of the environment.

