

ENVIRONMENTAL IMPACT ASSESSMENT
TO OBTAIN AN ENVIRONMENTAL
CLEARANCE FOR THE MATERIALS
RECOVERY FACILITY OF RENT-A-DRUM
ON ERF 4477, WALVIS BAY, ERONGO
REGION

2022

App - 0010456

Project Name:	ENVIRONMENTAL IMPACT ASSESSMENT TO OBTAIN AN ENVIRONMENTAL CLEARANCE FOR THE MATERIALS RECOVERY FACILITY OF RENT-A-DRUM ON ERF 4477, WALVIS BAY, ERONGO REGION
The Proponent:	RENT-A-DRUM (Pty) Ltd PO BOX 30735 PIONIERSPARK
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EXECUTIVE SUMMARY

Green Earth Environmental Consultants were appointed by the Proponent, Rent-A-Drum, to conduct an Environmental Impact Assessment to obtain an Environmental Clearance for the operations of the Materials Recovery Facility (MRF) of Rent-a-Drum on Erf 4477, Walvis Bay, Erongo Region. The land within the immediate vicinity of the project site is predominately characterized by residential, business, and institutional activities. In terms of the Regulations of the Environmental Management Act (No 7 of 2007) an Environmental Impact Assessment has to be done to address the following 'Listed Activities':

WASTE MANAGEMENT, TREATMENT, HANDLING AND DISPOSAL ACTIVITIES

- The construction of facilities for waste sites, treatment of waste and disposal of waste.
- The import, processing, use and recycling, temporary storage, transit or export of waste.

The key characteristics/environmental impacts of the proposed project are as follows:

Operational activities:
Receiving, sorting, baling, packaging, and storage of waste
Offloading, loading, and parking of vehicles
Cleaning of vehicles and equipment
Handling (receiving and dispensing) of petroleum products
Storage of petroleum products
Filling of vehicles
Safety and security activities
Administrative activities

Impact on environment:	Nature of impact:
Reduction of waste to be dumped on landfill	Positive for Walvis Bay and
site.	Namibia.
Creation of employment and transfer of	Positive as employment is created
skills.	during operations which also result
	in the transfer of skills which is
	important in the current economic
	climate.
Recycling of waste, adding value to waste	Waste is reworked into useable
and manufacturing of new products	materials, to be reused.
Lengthening of the lifespan of the municipal	Positive as the landfill site will last
landfill site.	longer with less land required for
	dumping of waste.
Limit plastic and paper to be blown into the	Waste blown into the neighbouring
immediate environment of the landfill site.	land is limited and reduced.
Dust and noise from the vehicles	Mitigated as the facility is accessed
transporting and collecting waste.	via a tar and paved road. Vehicles

	only operates during the day. Site is located far away from residential areas.
Fire hazards associated with storage and handling of products.	The unlikely event of a fire from operations or products stored onsite will have a limited impact on neighbouring properties as there is a buffer area between the site and neighbouring properties. The site is also equipped with fire hydrants and extinguishers regularly inspected by the Fire Department.
Impact on traffic.	Limited as the site is in the industrial area of Walvis Bay however the major arterials in the town can easily be accessed.
Cultural/Heritage.	No items of archeologic value or graves were observed during the site visit.
Visual impact.	Low as the facility is located in the industrial area. The waste recycling operations take place in a large warehouse and the site is surrounded by large walls, therefore activities are not visible from the outside.
Impact on groundwater, surface water and soil.	The impact will be negative in case of spilling of petroleum products during handling and storage, the risk is mitigated through the installation of spilling control infrastructure and equipment.
Health and safety.	Low if mitigated during operation.

The environmental impacts during the operational phase of the proposed project:

IMPACTS DURING OPERATIONAL PHASE			
Aspect	Impact Type	Significance of impacts Unmitigated	Significance of impacts Mitigated
Ecology Impacts	-	L	L
Dust and Air Quality	-	M	L
Groundwater Contamination	-	L	L
Waste Generation	-	M	L
Failure of Reticulation Pipeline	-	L	L
Fires and Explosions	-	L	L
Safety and Security	-	M	L

IMPACT EVALUATION CRITERION (DEAT 2006):			
Criteria	Rating (Severity)		
Impact Type	+	Positive	
	0	No Impact	
	-	Negative	
Significance of	L	Low (Little or no impact)	
impacts	M	Medium (Manageable impacts)	
	Н	High (Adverse impact)	

The negative impacts associated with the project are the impact on the vegetation, the natural drainage systems, noise and dust during construction and operation, the danger of residents and visitors being injured during construction, the transmission of diseases from people or to people involved in construction and the loss of land. However, mitigation measures will be provided that can control the extent, intensity, and frequency of these named impacts in order not to have substantial negative effects or results.

The type of activities that will be carried out on the site will not negatively affect the amenity of the locality and the activities do not adversely affect the environmental quality of the neighbouring erven or areas. None of the potential impacts identified are regarded as having a significant impact to the extent that the proposed project should not be allowed. However, the operational activities further on need to be controlled and monitored by the assigned subcontractors and the proponent.

The Environmental Impact Assessment which follows upon this paragraph was conducted in accordance with the guidelines and stipulations of the Environmental Management Act (No 7 of 2007) meaning that all possible impacts have been considered and the details are presented in the report. Based upon the conclusions and recommendations of the Environmental Impact Assessment Report and Environmental Management Plan following this paragraph, the Environmental Commissioner of the Ministry of Environment, Forestry and Tourism is herewith requested to:

- 1. Accept the Environmental Impact Assessment;
- 2. Approve the Environmental Management Plan;
- 3. Issue an Environmental Clearance for the operations of the Materials Recovery Facility (MRF) of Rent-a-Drum on Erf 4477, Walvis Bay, Erongo Region and for the following "listed activities":

WASTE MANAGEMENT, TREATMENT, HANDLING AND DISPOSAL ACTIVITIES

- The construction of facilities for waste sites, treatment of waste and disposal of waste.
- The import, processing, use and recycling, temporary storage, transit or export of waste.

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LIST OF ABBREVIATIONS

CAN Central Area of Namibia
EC Environmental Clearance

ECO Environment Control Officer

EIA Environmental Impact Assessment
EMP Environmental Management Plan

HDPE High Density Polyethylene

I&APs Interested and Affected Parties

LDPE Low Density Polyethylene

LLDPE Linear Low-Density Polyethylene

MEFT Ministry of Environment, Forestry and Tourism

PET Polyethylene Terephthalate

SQM Square Meters

UBC Used Beverage Cans

1. INTRODUCTION

The Proponent, Rent-A-Drum, appointed Green Earth Environmental Consultants to conduct an Environmental Impact Assessment and develop an Environmental Management Plan to obtain an Environmental Clearance for the operations of the Materials Recovery Facility (MRF) of Rent-a-Drum on Erf 4477, Walvis Bay, Erongo Region.

The Environmental Management Act (No. 7 of 2007) and the Environmental Impact Assessment Regulations (GN 30 in GG 4878 of 6 February 2012) stipulates that an Environmental Impact Assessment (EIA) report and management plan is required as the following 'Listed Activities' are involved:

WASTE MANAGEMENT, TREATMENT, HANDLING AND DISPOSAL ACTIVITIES

- The construction of facilities for waste sites, treatment of waste and disposal of waste.
- The import, processing, use and recycling, temporary storage, transit or export of waste.

The Environmental Impact Assessment below contains information on the proposed project and the surrounding areas, the proposed activities, the applicable legislation to the study conducted, the methodology that was followed, the public consultation that was conducted, and the receiving environment's sensitivity and any potential ecological, environmental, and social impacts.

2. TERMS OF REFERENCE

To be able to implement the proposed project, an Environmental Impact Assessment and Environmental Clearance is required. For this environmental impact exercise, Green Earth Environmental Consultants followed the terms of reference as stipulated under the Environmental Management Act.

The aim of the environmental impact assessment was:

- To comply with Namibia's Environmental Management Act (2007) and its regulations (2012).
- To ascertain existing environmental conditions on the site to determine its environmental sensitivity.
- To inform I&APs and relevant authorities of the details of the proposed development and to provide them with an opportunity to raise issues and concerns.
- To assess the significance of issues and concerns raised.
- To compile a report detailing all identified issues and possible impacts, stipulating the way forward and identify specialist investigations required.
- To outline management guidelines in an Environmental Management Plan (EMP) to minimize and/or mitigate potentially negative impacts.

The tasks that were undertaken for the Environmental Impact Assessment included the evaluation of the following: climate, water (hydrology), vegetation, geology, soils, socio economic impact, cultural heritage, groundwater, sedimentation, erosion, biodiversity, sense of place, socio-economic environment, health, safety and traffic.

The EIA and EMP from the assessment will be submitted to the Environmental Commissioner for consideration. The Environmental Clearance will only be obtained (from the DEA) once the EIA and EMP has been examined and approved for the listed activity.

The public consultation process as per the guidelines of the Act has been followed. The methods that were used to assess the environmental issues and alternatives included the collection of data on the project site and surrounding area, info obtained from the proponent and the Ministry of Environment, Forestry and Tourism and identified and affected stakeholders. Consequences of impacts were determined in five categories: nature of impact, expected duration of impact, geographical extent of the event, probability of occurring and the expected intensity.

All other permits, licenses or certificates that are further on required for the operation of the proposed project still needs to be applied for by the proponent.

3. NEED AND DESIRABILITY

The establishment of the Rent-A-Drum recycling facility can be motivated in terms of the need and desirability for such a facility as well as the suitability of the site.

- Walvis Bay is faced with various challenges related to waste management activities and processes because of the ever-growing population and industrial activities within the Town. The Town therefore developed a Waste Management Policy through the involvement, consultation, and participation of various internal departments within the Town Council, Local and Regional Councillors and Industries, Government Ministries and Waste Management Contractors. The purpose and aim of this Policy are to establish a uniform approach to waste management which would be known and followed by all relevant stakeholders. At the heart of the policy is the waste management hierarchy which favours waste prevention and minimization first, recycling and reuse in second place and disposal only as the last resort. Rent-A-Drum is one of the licensed Waste Management Contractors which is focusing on the recycling and reuse of waste through the activities of the Rent-A-Drum recycling plant as is provided for in the Policy.
- The establishment of the Recycling Plant also supports the following principles which govern the Waste Management Policy:
 - Integrated waste management hierarchy. The creation of waste should be avoided through the prevention and minimization thereof ahead of recycling treatment and disposal. The establishment of collection points for the disposal of pre-sorted waste by Rent-A-Drum supports this principle which prevents that reusable item becomes waste or that it is made obsolete through further pollution.
 - <u>The polluter pays principle.</u> According to this principle whoever creates the waste should be responsible for managing such waste in terms of cost and rehabilitation of the natural environment caused by pollution. The Rent-A-Drum recycling initiative puts the burden on the generator

- of the waste (household or business) to pre-sort the waste and to dispose it in dedicated containers in order to simplify sorting and reuse and to prevent reusable items becoming waste.
- Duty of care. This concept requires the generator of the waste to be responsible for the waste from the point of generation all the way to the point of safe disposal. The Rent-A-Drum recycling initiative creates the opportunity for creators of waste to take responsibility for that waste by sorting it where it is generated and by disposing of it responsibly by putting it in special dedicated containers as supplied by Rent-A-Drum.
- <u>Best practical environmental option.</u> This waste management initiative utilizes the options which are the most beneficial at the least cost and the least damage to the environment both in the long and short term especially by focusing on recycling plastic, glass and paper which is currently the main sources of pollution in the Walvis Bay.
- The action of collection, sorting, baling and disposal of the waste materials is very labour intensive and plays a major role in creating jobs especially for untrained or uneducated people where the need for job creation is at its highest.
- Recycling of waste creates opportunities for further processing and manufacturing in Namibia which will create more employment and add value to the Country's economy.
- Recycling of waste will reduce the burden on the landfills and dumping sites
 of the Town as less material will end up there.

Suitability of the site:

- Erf 4477, Walvis Bay is ideally suited for this purpose. It is relatively far away from any residential areas, although near enough so that it can be reached by people working there. The plant is not visible from the main road as it is walled in and most activities take place in a large warehouse. The current operation, although it is still small, is clean and odour free. The only noise generated on the site is that of the trucks delivering materials and removing product to and from the site.
- The Erf is large enough to allow for the future expansion of operations if required.
- The Erf has a safe access and is within easy reach of all the Town's neighbourhoods and Townships. It can be reached via Langer Heinrich Cresent from which the rest of the Town is easily reachable.
- The current zoning of the Erf is 'industrial' which allows the storage and handling of waste on the site.
- The intended use had been advertised and no objections were received which is an indication that the intended use is supported by the public and neighbours in general.

Determining what the impact of the operations would be are broken down into different categories and environmental aspects and dealt with in the Environmental Management Plan (EMP). As per the ISO 14001 definition: an environmental aspect is an element of an organization's activities, products and/or services that can interact with the environment to cause an environmental impact e.g., land degradation or land deterioration among others, that will cause harm to the environment.

All concerns and potential impacts raised during the public participation process and consultative meetings were evaluated. Predictions were made with respect to their magnitude and an assessment of their significance was made according to the following criteria:

The Nature of the activity: The possible impacts that may occur are that water will be used in the construction and operational phases, wastewater will be produced that will be handled either by the Municipality or by the proponent, land will be used for the proposed activities, a sewage system will be constructed, and general construction activities will take place, namely the building of infrastructure.

The Probability of the impacts to occur: The probability of the above-named impacts to occur and have a negative or harmful impact on the environment and the community is small since the Environmental Management Plan will also guide these activities. Water will still be used, and wastewater produced, however guidelines will be set that will ensure the impact is minimum.

The Extent of area that the project will affect: The specific project will most likely only have a small impact on the proposed project site itself and not on the surrounding or neighbouring land except for noise, traffic, roads, electricity and dust and there may be a visual impact because of the size of the proposed development. Therefore, the extent that the project will have a negative impact on is not extensive.

The Duration of the project: The duration of the project is uncertain. Water will still be used, and waste produced on a continuous basis and the structures that were constructed will remain and may be visually unpleasing to surroundings.

The Intensity of the project: The intensity of the project is mostly limited to the site however for the above-named items/processes where the intensity of the project will be felt outside the borders of the project site.

According to the information that was present while conducting the Environmental Impact Assessment for the construction and operation of the project, no high-risk impacts were identified and therefore it is believed that the operations will be feasible in the short and long run. Most of the impacts identified were characterized as being of a low impact on the receiving and surrounding environment and with mitigation measures followed, the impacts will be of minimum significance or avoided.

4. RENT-A-DRUM INFORMATION

The following information was obtained from Rent-A-Drum (Pty) Ltd:

Since its establishment Rent-A-Drum has grown into the biggest private recycling enterprise of its kind in Namibia. Rent-A-Drum is the leading organization in waste management and recycling in Namibia and offers the most comprehensive services to Namibian corporations, mines, and smaller companies, including the citizens of the capital cities namely Windhoek, Swakopmund, Walvis Bay, Oshakati, Oranjemund and Rundu (*Rent-A-Drum (Pty) Ltd*).

The company's equipment and resources are supported by an extremely focused, well experienced and committed management team who constantly aim to source more cost-effective and environmentally friendly solutions (*Rent-A-Drum (Pty) Ltd*).

Rent-A-Drum's mission is to drive the change of community standard for waste management and future environmental sustainability. Zero waste to landfill is their vision to guide people in changing their lifestyle and practices to emulate sustainable natural cycles, where all discarded materials are designed to become resources for others to use (*Rent-A-Drum (Pty) Ltd*).

The company has a strong environmental and safety focus and aims to reduce and control pollution and incidents to the absolute minimum.

Rent-A-Drum sort and bale the following recyclables at their Material Recovery Facility launched in 2010: cans aluminium, used beverage cans (UBC) steel, food and aerosol cans, carton boxes, super mix paper, newspaper and tetra pack, glass bottles, polyethylene terephthalate (PET) bottles and mix high density polyethylene (HDPE) bottles, low density polyethylene (LDPE) plastics and Linear Low-Density Polyethylene (LLDPE) clingwrap plastic. Rent-A-Drum dispatch an average of 2500 tons of recyclables per month to South Africa where the process of recycling it back into new products begins (*Rent-A-Drum (Pty) Ltd*).

Rent-A-Drum's expertise and services also extends to several areas in Waste Management such as deep collection systems, wheelie bin services, cleaning & sanitizing, skip removals, on site waste management, clean-ups and cargo spills, destructions, waste audits, event waste management, landfill management, rehabilitation and hazardous waste that includes – medical waste, fat trap, grease & sewage maintenance, bioremediation, and demolition (*Rent-A-Drum (Pty) Ltd*).

Rent-A-Drum facts:

- Rent-A-Drum generates employment for over 500 Namibian employees.
- 96% of their staff is from disadvantage groups.
- They have a 100% Namibian Workforce and 42% of their workforce are women.
- Over 80 waste collecting and removal vehicles.
- Branches in Windhoek, Swakopmund, Walvis Bay, Husab Mine, Rossing Mine, Langer Heinrich Mine, Oshakati, Rundu and Oranjemund.
- First and only Material Recovery Facility in Namibia launched in 2010 in the capital city, Windhoek.
- First Refuse Derived Fuel Plant in Namibia inaugurated on 15 March 2017.
- Second Material Recovery Facility in Namibia Installed in Swakopmund in August 2019.
- Rent-A-Drum recycles an average total of 1,800 tons per month.
- They sort 22 different commodities before baling and dispatching the different commodities to different recycling plants in South Africa.

See below the different divisions that Rent-A-Drum has:



Material Recovery Facility (MRF)

Dry fraction of municipal recyclables are delivered to be separated, processed and temporarily stored for transport to SA.

LEARN MORE



Mobile Recycling Stations

Free collection of recyclables at all our mobile recycling stations.

LEARN MORE



Refuse Derived Fuel (RDF)

Fuel is produced from various types of wastes and by-products with recoverable calorific values and can be used as fuels in a cement kiln replacing a portion of conventional fossil fuels like coal with a high environmental impact.



Confidential Shredding

Confidential shredding in a secure area where all your confidential documents will be shredded and baled for recycling purposes.

LEARN MORE



Household and Industrial Collections

Help us start a recycling revolution by recycling at home with three easy steps.

LEARN MORE

5. BACKGROUND INFORMATION ON WALVIS BAY PROJECT

5.1.SITE AND PROJECT INFORMATION

The project site is located on Erf 4477, New Industrial Area, Langer Heinrich Cresent, No. 54, Walvis Bay, Erongo Region. The Erf is zoned 'light industrial'. The MRF consists of a large warehouse which accommodates the processes and machinery for receiving, separating and/or processing of different recyclable materials from waste collected straight from households and businesses and the parking and movement of vehicles. See below the locality maps of the project site:

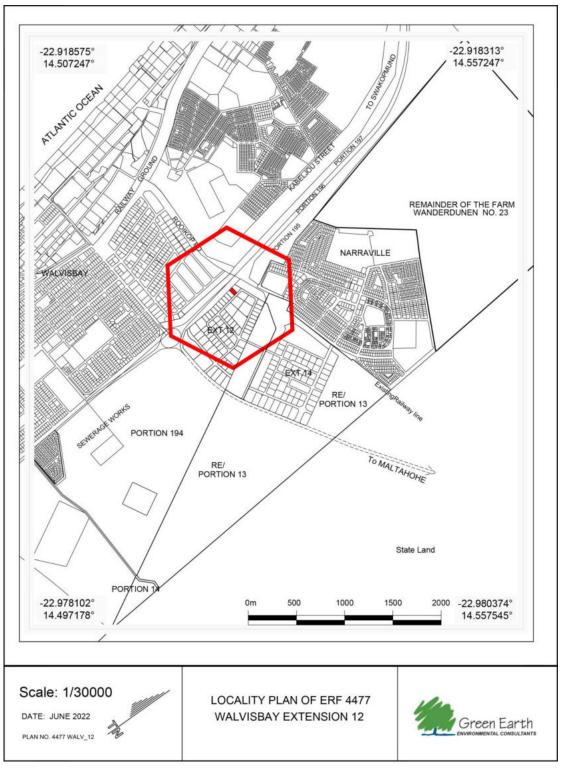


Figure 1: Location of Project Site

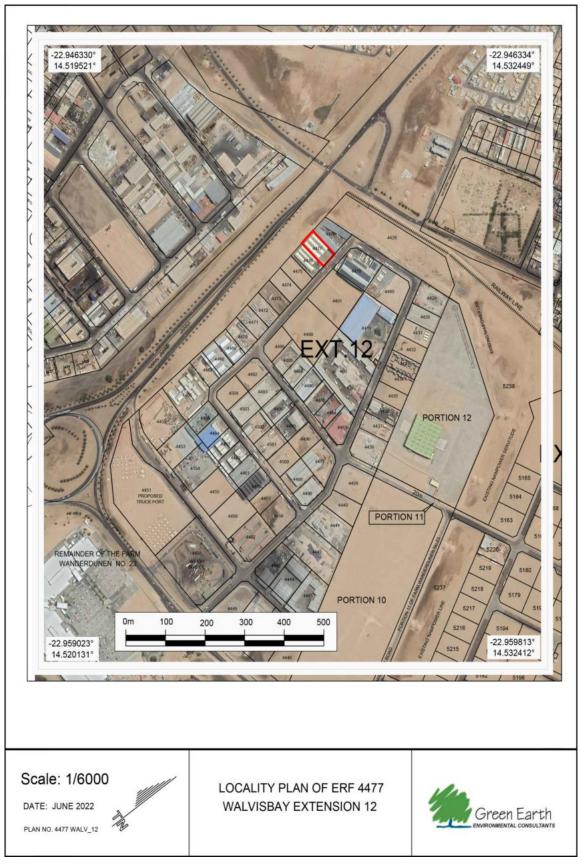


Figure 2: Locality Plan of Erf 4477, Walvis Bay

The Project Site is owned by Arend Engineering however a lease agreement was signed with them (see attached the lease agreement). The project started in 2014 and there is 56 people employed currently.

The current buildings on the premises include two (2) entrance gates, a reception area and two (2) additional offices. There is also a workshop on site. Vehicles are reversed parked on site for safety reasons. There is a warehouse on site where petrol and oil are stored.



Figure 3: Main building on site

The only noxious products that is used on site are oil and petrol – no other chemicals are handled. Products are collected by trucks and from industries all over the town.

The type of vehicles that is used on site are:

Amount:	Type:
2 x	Skip Truck
1 x	Compactor
1 x	Cage Truck
1 x	3 Ton Truck
1 x	Hyundai 1 Tonner
1 x	Hilux Bakkie
1 x	Chevrolet Bakkie
1 x	Forklift

- The total volume of products going in and out of the site are:
 - o 200 ton per month
 - o 2500 ton per year

• The following products are handled on site:

Products:	Description:	
Plastic	Wash plant blue, LDPE Mix Plastic, LDPE Clear Plastic, LDPE Heavy Print, LDPE Consol Plastic, LDPE Plastic Rolls, LLDPE Plastic Cling Wrap. HDPE Plastic Bottles, HDPE Plastic Crates, HDPE Plastic Bins, HDPP Plastic Caps, PET Clear Plastic Bottles, PET Green Plastic Bottles, PET Brown Plastic Bottles, PET Plastic Preforms	
Paper	HL1 Shredding Paper, SMX White Paper, Latex Glazy Paper, SBM Magazines Paper, Flat News Paper, Tissue Broke Paper	
Glass	Mix Glass	
Liquids	Only oils that are used for operations	
Metal	Cans Metal, Aluminum, Scrap Metal	
Additional items	Poly Prop Woven Bags, Tetra Pack, Polly Board, K4 Box, CMW Cores, CMW Mix, CMW Pallet Dividers	



Figure 4: Products collected

• Average volume per product (May 2022):

Item:	Amount:
Box	87 x ton
Paper	7 x ton
Plastic	43 x ton
RDF	3 x ton

The products are sorted and baled on site. K4 boxes, glass and Wash Plant Blue is send directly to South Africa. The remainder of the products are sent to Windhoek's Rent–A–Drum where it is further distributed.

6. SAFETY, HEALTH AND ENVIRONMENT POLICY

The following Safety, Health and Environment Policy was introduced and is being used by Rent-A-Drum:

RENT-A-DRUM	Satety, Health and Environment Policy	SHE-POL-001
VEHILLANDUOLA	Revision	05
The Leaders in Waste Management since 1989	Effective Date:	30 August 2021
	Page:	1 of 1

Safety, Health and Environment Policy

Rent-A-Drum, established in 1989, is the leading organization in Namibia for waste management and recycling. It is Rent-A-Drum's objective to provide a safe and healthy working environment for the prevention of work-related injury and ill health which, complies with applicable legal requirements and other requirements (such as ISO 45001:2018) to which the organisation subscribes.

Our goal

We aim to continually improve our performance and increase stakeholder value by exercising our expertise and organization scale, whilst striving to achieve our objective of zero injuries, illnesses, environmental damage, property damage, and quality or production issues.

Our commitments

We shall:

- Undertake all aspects of our business in a safe manner, whilst maintaining a healthy workplace for all
 employees, contractors, and visitors by systematically eliminating hazards, continually reducing OH&S
 risks by assessing all risks and identifying improvement opportunities through a continues improvement
 process, inspections, and auditing functions.
- · Minimize our impact on the environment, prevent pollution and use resources efficiently and effectively.
- Build and sustain a positive SHE culture that is underpinned by strong leadership across the business and which strives to be interdependent through educating our workforce in Health, Safety and Environmental aspects as well as Rent-A-Drum Management leading by example;
- Ensure compliance to all relevant legislation and any other commitments or requirements to which the company subscribes and implementing best practice methods.
- Ensure that we provide services to all customers internally and externally in accordance with Rent-A-Drum's Safety, Health & Environment (SHE) standards.
- Ensure continuous improvement of our Safety, Health and Environmental performance through active involvement of all employees and contractors by means of consultations and / or worker participation forums either by the employees or their representatives as well as customer performance surveys.
- Establish and communicate measurable objectives and targets for Safety, Health and Environmental
 performance throughout our business and report these performances to key stakeholders;
- Through the SHE management system, provide a framework based on Hazard and Risk identification impacting the development of Rent-A-Drum and thus creating measurable Safety, Health and Environmental objectives and targets;
- Provide adequate resources to all Rent-A-Drum employees ensuring they are aware of SHE threats and
 opportunities within our business to successfully fulfil our Safety, Health and Environmental commitments.

The Rent-A-Drum management will periodically review its SHE Management System to ensure continual improvement.

By fulfilling our commitments detailed above, we will continue to build and strengthen our ability to improve our Safety, Health and Environmental performance.

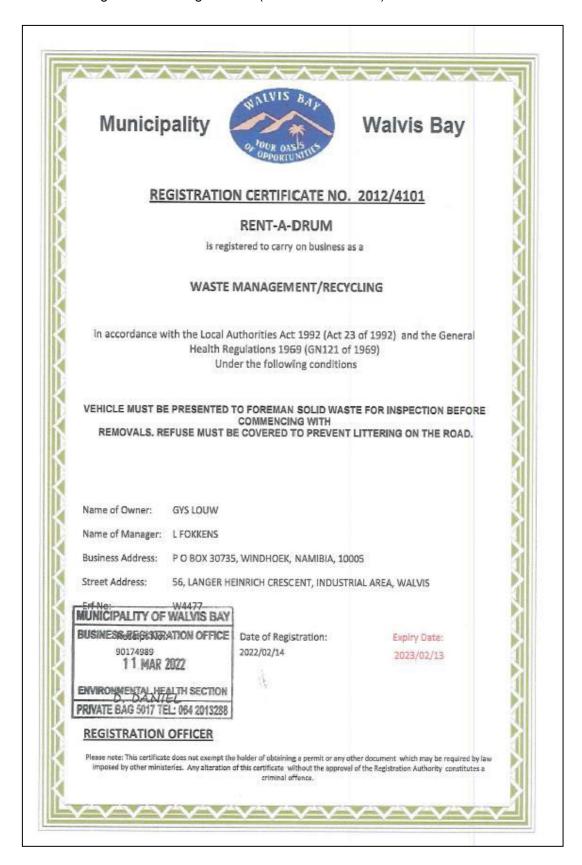
Gys Louw Director

Chief Executive Officer

Rosa Louw Director

7. BUSINESS REGISTRATION (FITNESS CERTIFICATE)

The following Business Registration (Fitness Certificate) was obtained:



8. BULK SERVICES AND INFRASTRUCTURE

The following bulk services is already present on the site:

8.1.ACCESS REQUIREMENTS

Access to Erf 4477, Walvis Bay is taken from the south-eastern side of the site.

8.2.WATER SUPPLY

Water is supplied directly from the Walvis Bay Municipality's water reticulation system.

8.3. ELECTRICITY

Electricity is supplied by Erongo Red through their electrical distribution network.

8.4.SEWAGE DISPOSAL

The sewage is connected to the sewer system of the Walvis Bay Municipality.

8.5. SOLID WASTE

Solid waste disposal is handled in accordance with the regulations of the municipality and done by Rent-A-Drum.

8.6. FIRE PROTECTION

The site operates under the fire control measures as per the Walvis Bay Fire Regulations. The fire protection measures are inspected regularly by the Municipality and the Fitness Certificate which allows the operation. The activity is subject to compliance with the fire regulations. RAD also contracted Fast Fire Services Walvis Bay to ensure that their fire protection equipment is regularly serviced and maintained.

8.7.STORMWATER

The stormwater management is in accordance with Municipal Regulations.

9. APPROACH TO THE STUDY

The assessment included the following activities:

a) Desktop sensitivity assessment

Literature, legislation and guidance documents related to the natural environment and land use activities available on the portion and area in general were reviewed to determine potential environmental issues and concerns.

b) Site assessment (site visit)

The proposed project site and the immediate neighbourhood and surrounding area were assessed through several site visits to investigate the environmental parameters on site to enable further understanding of the potential impacts on site.

c) Public participation

The public was invited to give input, comments and opinions regarding the proposed project. Notices were placed in the Republikein and New Era (see Appendix) on two consecutive week (29/30 June and 6 July 2022) inviting public participation and comments on the proposed project. The closing date for any questions, comments, inputs or information was 22 July 2022.

d) Scoping

Based on the desk top study, site visit and public participation, the environmental impacts were determined in five categories: nature of project, expected duration of impact, geographical extent of the event, probability of occurring and the expected intensity. The findings of the scoping have been incorporated in the environmental impact assessment report below.

e) Environmental Management Plan (EMP)

To minimize the impact on the environment, mitigation measures have been identified to be implemented during planning, construction, and implementation. These measures have been included in the Environmental Management Plan to guide the planning, construction and operation of the development which can also be used by the relevant authorities to ensure that the project is planned, developed, and operated with the minimum impact on the environment.

10. ASSUMPTIONS AND LIMITATIONS

It is assumed that the information provided by the proponent (Rent-A-Drum) is accurate. No alternative erven / site for the proposed project were examined. The site was visited several times and any happenings after this are not mentioned in this report. (The assessment was based on the prevailing environmental conditions and not on future happenings on the site.) However, it is assumed that there will be no significant changes to the proposed project, and the environment will not adversely be affected between the compilation of the assessment and the implementation of the proposed activities.

11. LEGAL AND POLICY REQUIREMENTS

To protect the environment and achieve sustainable development, all projects, plans, programs and policies deemed to have adverse impacts on the environment require an EIA according to Namibian legislation. The administrative, legal and policy requirements to be considered during the Environmental Assessment are the following:

- The Namibian Constitution
- The Environmental Management Act (No. 7 of 2007)
- The Walvis Bay Town Planning Scheme
- Other Laws, Acts, Regulations and Policies

THE NAMIBIAN CONSTITUTION

Article 95 of Namibia's constitution provides that:

"The State shall actively promote and maintain the welfare of the people by adopting, inter alia, policies aimed at the following:

Management of ecosystems, essential ecological processes and biological diversity of Namibia and utilization of living natural resources on a sustainable basis for the benefit of all Namibians, both present and future; in particular, the Government shall provide measures against the dumping or recycling of foreign nuclear and toxic waste on Namibian territory." This article recommends that a relatively high level of environmental protection is called for in respect of pollution control and waste management.

Article 144 of the Namibian Constitution deals with environmental law and it states:

"Unless otherwise provided by this Constitution or Act of Parliament, the general rules of public international agreements binding upon Namibia under this Constitution shall form part of the law of Namibia". This article incorporates international law, if it conforms to the Constitution, automatically as "law of the land". These include international agreements, conventions, protocols, covenants, charters, statutes, acts, declarations, concords, exchanges of notes, agreed minutes, memoranda of understanding, and agreements (Ruppel & Ruppel-Schlichting, 2013). It is therefore important that the international agreements and conventions are considered (see section 4.9).

In considering these environmental rights, Rent-A-Drum (the Proponent) should consider the following in devising an action plan in response to these articles:

- Implement a "zero-harm" policy at that would guide decisions.
- Ensure that no management practice or decision result in the degradation of future natural resources.
- Take a decision on how this part of the Constitution will be implemented as part of the Proponent's Environmental Control System (ECS).

ENVIRONMENTAL MANAGEMENT ACT (NO. 7 OF 2007)

The Environmental Impact Assessment Regulations (GN 30 in GG 4878 of 6 February 2012) of the Environmental Management Act (No. 7 of 2007) that came into effect in 2012 requires/recommends that an Environmental Impact Assessment and an Environmental Management Plan (EMP) be conducted for the following listed activities to obtain an Environmental Clearance Certificate:

WASTE MANAGEMENT, TREATMENT, HANDLING AND DISPOSAL ACTIVITIES

- The construction of facilities for waste sites, treatment of waste and disposal of waste.
- The import, processing, use and recycling, temporary storage, transit or export of waste.

Cumulative impacts associated with the development must be included as well as public consultation. The Act further requires all major industries and mines to prepare waste management plans and present these to the local authorities for approval.

The Act, Regulations, Procedures and Guidelines have integrated the following sustainability principles. These need to be given due consideration, particularly to achieve proper waste management and pollution control:

Cradle to Grave Responsibility

This principle provides that those who handle or manufacture potentially harmful products must be liable for their safe production, use and disposal and that those who initiate potentially polluting activities must be liable for their commissioning, operation and decommissioning.

Precautionary Principle

It provides that if there is any doubt about the effects of a potentially polluting activity, a cautious approach must be adopted.

The Polluter Pays Principle

A person who generates waste or causes pollution must, in theory, pay the full costs of its treatment or of the harm, which it causes to the environment.

Public Participation and Access to Information

In the context of environmental management, citizens must have access to information and the right to participate in decisions making.

CONCLUSION AND IMPACT

Some of the surrounding erven have been cleared from vegetation and structures have been constructed on the sites or are in the process of being constructed. The proposed activity will thus fit in with the surrounding activities and not have a negative impact on the prevailing environment. It will be ensured that all protected trees and plant species will be retained where possible.

THE WALVIS BAY TOWN PLANNING SCHEME

Walvis Bay Town Planning Amendment Scheme No. 35 (7 December 2015) applies to the area as indicated on the scheme maps and corresponds with the Townlands Diagram for Walvis Bay Town and Townlands. Erf 4477, Walvis Bay falls within the area of the Scheme.

The general purpose of this Scheme is the coordinated and harmonious development of the area of Walvis Bay (including, where necessary, the reconstruction and redevelopment of any part which has already been subdivided whether there are buildings on it or not) in such a way as will most effectively tend to promote health, safety, order, amenity, convenience and general welfare as well as efficiency and economy in the process of development and improvement of communications, and where it is expedient in order to promote proper planning or development, may provide for the suspending the operation of any provision of law or any bylaw or regulation made under such law, in so far as such provision is similar to or inconsistent with any of the provisions so the Scheme.

According to the Town Planning Scheme, Erf 4477 is zoned 'light industrial'. Clause 20 of the Town Planning Scheme allows the primary uses as stipulated below on an erf which is zoned 'light industrial':

COLUMN (1)	COLUMN (2)	COLUMN (3)	COLUMN (4)
Zone	Map Reference	Purposes for which the land may be used and buildings may be erected and used	Purposes for which land may be used and buildings may be erected and used with the Consent of Council
Light Industrial		Light Industry Service Industry Service Station Warehouse Storage Premises Building Yard Office Premises	Panel Beating Scrap Yard Business Premises Retail Caretaker Unit Place of Instruction Place of Amusement Funeral Parlour Restaurant

Figure 5: Town Planning Scheme

CONCLUSION AND IMPACT

The Town Planning Scheme confirms that Erf 4477, Walvis Bay may be used for a service industry including, warehousing, and storage purposes as it is included as a 'primary use' as per Clause 20.1 of the Scheme.

OTHER LAWS, ACTS, REGULATIONS AND POLICIES

The laws, acts, regulations, and policies listed below have also been considered during the Environmental Assessment.

Table 1: Laws. Acts, Regulations and Policies

Laws, Acts, Regulations & Policies consulted: **Electricity Act** In accordance with the Electricity The Proponent must abide to (No. 4 of 2007) Act (No. 4 of 2007) which provides the Electricity Act. for the establishment of the Electricity Control Board and provide for its powers and functions; to provide for the requirements and conditions for obtaining licenses for the provision of electricity; to provide for the powers and obligations licenses; and to provide for incidental matters: the necessary permits and licenses will obtained. **Pollution** The Pollution Control and Waste The Proponent must adhere Control and Management Bill is currently in to the Pollution Control and Waste Management Bill. Waste preparation and is therefore included as a guideline only. Of Management Bill (quideline reference to the mining, Parts 2, 7 only) and 8 apply. Part 2 provides that no person shall discharge or cause to be discharged, any pollutant to the air from a process except under and in accordance with the provisions of an air pollution license issued under section 23. Part 2 also further provides for procedures to be followed in license application, fees to be paid and required terms of conditions for air pollution licenses. Part 7 states that any person who sells, stores. transports or uses any hazardous substances or products containing hazardous substances shall notify competent authority. accordance with sub-section (2), of the presence and quantity of those substances. The competent authority for the purposes of section 74 shall maintain a register substances notified accordance with that section and the register shall be maintained in

	accordance with the provisions	
	accordance with the provisions. Part 8 provides for emergency preparedness by the person handling hazardous substances, through emergency response plans.	
Water Resources Management Act	Management Act (No. 11 of 2013) stipulates conditions that ensure effluent that is produced to be of a certain standard. There should also be controls on the disposal of sewage, the purification of effluent, measures should be taken to ensure the prevention of surface and groundwater pollution and water resources should be used in a sustainable manner.	The Act must be consulted. Fresh water abstraction and waste-water discharge permits should be obtained when required.
Solid and Hazardous Waste Management Regulations: Local Authorities 1992	Provides for management and handling of industrial, business and domestic waste.	The Proponent must abide to the solid waste management provisions.
Hazardous Substances Ordinance (No. 14 of 1974)	The Ordinance applies to the manufacture, sale, use, disposal and dumping of hazardous substances, as well as their import and export and is administered by the Minister of Health and Social Welfare. Its primary purpose is to prevent hazardous substances from causing injury, ill-health or the death of human beings.	The Proponent must abide to the Ordinance's provisions.
Atmospheric Pollution Prevention Ordinance of Namibia (No. 11 of 1976)	Part 2 of the Ordinance governs the control of noxious or offensive gases. The Ordinance prohibits anyone from carrying on a scheduled process without a registration certificate in a controlled area. The registration certificate must be issued if it can be demonstrated that the best practical means are being adopted for preventing or reducing the escape into the atmosphere of noxious or offensive gases produced by the scheduled process.	The proponent should adhere to the stipulations of the Atmospheric Pollution Prevention Ordinance.

Nature	The Nature Conservation	The proposed project
Conservation	Ordinance (No. 4 of 1975) covers	implementation is not located
Ordinance	game parks and nature reserves,	in a demarcated conservation
	the hunting and protection of wild	area, national park or unique
	animals, problem animals, fish and	environments.
	indigenous plant species. The	
	Ministry of Environment, Forestry	
	and Tourism (MEFT) administer it	
	and provides for the establishment	
	of the Nature Conservation Board.	
Forestry Act	The Forestry Act (No. 12 of	·
	2001) specifies that there be a	species or removal of mature
	general protection of the receiving and surrounding environment.	trees should happen. The Ministry of Environment,
	and surrounding environment. The protection of natural	Ministry of Environment, Forestry and Tourism should
	vegetation is of great importance,	be consulted when required.
	the Forestry Act especially	50 consulted when required.
	stipulates that no living tree, bush,	
	shrub or indigenous plants within	
	100m from any river, stream or	
	watercourse, may be removed	
	without the necessary license.	
EU Timber	Forest Stewardship Council (FSC)	The Proponent is advised to
Regulation:	came into effect in March 2013,	adhere to the regulation.
FSC (2013)	with the aim of preventing sales of	
	illegal timber and timber products	
	in the EU market. Now, any actor	
	who places timber or timber	
	products on the market for the first time must ensure that the timber	
	used has been legally harvested	
	and, where applicable, exported	
	legally from the country of harvest.	
Labour Act	The Labour Act (No. 11 of 2007)	The proponent and contractor
	contains regulations relating to the	should adhere to the Labour
	Health, Safety and Welfare of	Act.
	employees at work. These	
	regulations are prescribed for	
	among others safety relating to	
	hazardous substances, exposure	
	limits and physical hazards. Regulations relating to the Health	
	and Safety of Employees at Work	
	are promulgated in terms of the	
	Labour Act 6 of 1992 (GN156,	
	GG1617 of 1 August 1997).	
Communal	Communal land is land that	Consent should be obtained
Land Rights	belongs to the State and is held in	from Traditional Authorities,
	trust for the benefit of the	Communal Boards, Chiefs,
	traditional communities living in	Kings, Queens etc. if
	those areas. Communal land	required.
	cannot be bought or sold, but one	

	right or right of leasehold to a part of communal land in accordance with the provisions of the Communal Land Reform Act (No. 5 of 2002) and Communal Land Reform Amendment Act (No. 13 of 2013). The Communal Land Reform Act provide for the allocation of rights in respect of communal land to establish Communal Land Boards to provide for the powers of Chiefs and Traditional Authorities and boards in relation to communal land and to make provision for incidental matters. Consent and access to land for the proposed project should be requested from the relevant traditional authority through the Regional Council and Regional Communal Land Boards.	
Traditional Authorities	The Traditional Authorities Act (No. 17 of 1995) provide for the	Traditional Authorities should be consulted when required.
Act (No. 17 of	establishment of traditional	be consulted when required.
1995)	authorities, the designation and	
	recognition of traditional leaders;	
	to define their functions, duties	
	and powers; and to provide for matters incidental thereto.	
Public and	The Public and Environmental	The proponent and contractor
Environmental	Health Act (No. 1 of 2015)	should adhere to the Public
Health Act	provides with respect to matters of	and Environmental Health
	public health in Namibia. The	Act.
	objects of this Act are to: (a)	
	promote public health and wellbeing; (b) prevent injuries,	
	diseases and disabilities; (c)	
	protect individuals and	
	communities from public health	
	risks; (d) encourage community	
	participation in order to create a healthy environment; and (e)	
	provide for early detection of	
	diseases and public health risks.	
Coronavirus	The current global Coronavirus	The proponent, contractor
(Covid-19)	(Covid-19) pandemic and the	and workforce should adhere
Pandemic	associated State of Emergency	to the restrictions and
	and health restrictions globally may result in some delays and	regulations.
	logistic disruptions. The pandemic	
	might have an impact on obtaining	
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	equipment, specialist workforce mobilisation and implementation of the project. The health restrictions may have an impact on campsite set-up, traveling of personal/workers and building of the infrastructure. The proponent, contractor and subcontractors should adhere to all the international, regional and local Covid-19 health restrictions and protocols.	
National Heritage Act (No. 27 of	All protected heritage resources discovered need to be reported immediately to the National	The National Heritage Council should be consulted when required.
2004)	Heritage Council (NHC) and require a permit from the NHC before it may be relocated. This should be applied from the NHC.	required.
National	No person shall destroy, damage,	The proposed site for
Monuments	excavate, alter, remove from its	development is not within any
Act of Namibia (No.	original site or export from Namibia:	known monument site both movable or immovable as
28 of 1969) as	(a) any meteorite or fossil; or	specified in the Act, however
amended until	(b) any drawing or painting on	in such an instance that any
1979	stone or a petroglyph known or commonly believed to have been executed by any people who inhabited or visited Namibia before the year 1900 AD; or (c) any implement, ornament or structure known or commonly believed to have been used as a mace, used or erected by people referred to in paragraph; or (d) the anthropological or archaeological contents of graves, caves, rock shelters, middens, shell mounds or other sites used by such people; or (e) any other archaeological or palaeontological finds, material or object; except under the authority of and in accordance with a permit issued under this section.	commission.
Public Health	Under this act, in section 119: "No	The proponent will ensure
Act (No. 36 of 1919)	person shall cause a nuisance or shall suffer to exist on any land or premises owned or occupied by him or of which he is in charge any nuisance or other condition liable to be injurious or dangerous to	that all legal requirements of the project in relation to protection of the health of their employees and surrounding residents is protected and will be included

	backb "	in the EMP
	health."	in the EMP. Relevant protective equipment shall be provided for employees in construction. The development shall follow requirements and specifications in relation to water supply and sewerage handling and solid waste management so as not to threaten public health of future residents on this piece of land.
Soil	The objectives of this Act are to:	Only the area required for the
Conservation	Make provisions for the combating	operations should be cleared
Act (No. 76 of	and prevention of soil erosion;	from vegetation to ensure the
1969)	Promote the conservation,	minimum impact on the soil
	protection and improvement of the	through clearance for
	soil, vegetation, sources and resources of the Republic;	construction.
Air Quality Act	The Air Quality Act (No. 39 of	The proponent and contractor
(No. 39 of	2004) intends to provide for	should adhere to the Air
2004)	national norms and standards	Quality Act.
,	regulating air quality monitoring,	acamy / ice
	management and control by all	
	spheres of government; for	
	specific air quality measures; and	
	for matters incidental thereto.	
Vision 2030	Namibia's overall development	The proposed project is an
and National	ambitions are articulated in the	important element in
Development	Nation's Vision 2030. At the	employment creation.
Plans	operational level, five-yearly national development plans	
	national development plans (NDP's) are prepared in extensive	
	consultations led by the National	
	Planning Commission in the Office	
	of the President. Currently the	
	Government has so far launched a	
	4th NDP which pursues three	
	overarching goals for the	
	Namibian nation: high and	
	sustained economic growth;	
	increased income equality; and	
	employment creation.	

CONCLUSION AND IMPACT

It is believed the above administrative, legal and policy requirements which specifically guide and governs development will be followed and complied with in the planning, implementation and operations of the activity.

A flowchart indicating the entire EIA process is shown in the *Figure* below.

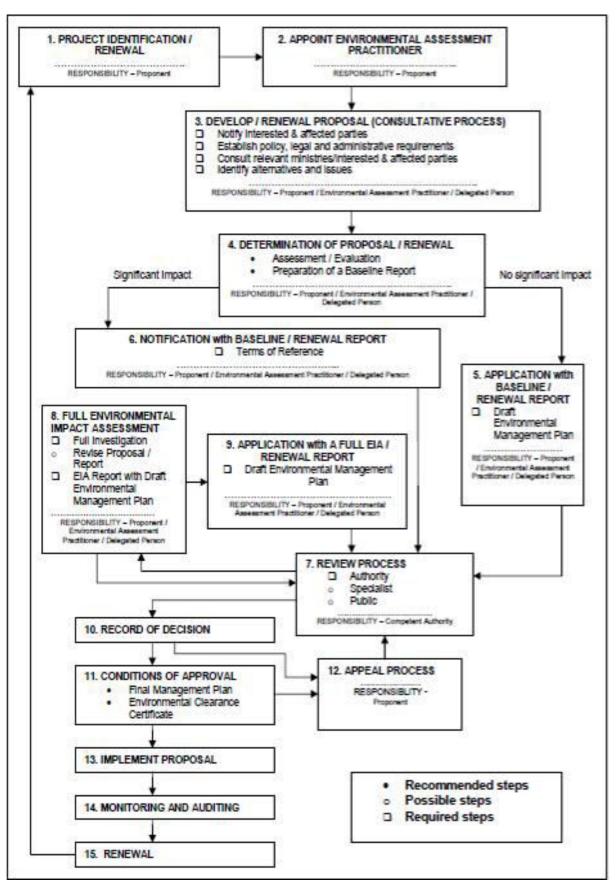


Figure 6: Flowchart of the Impact Process

12. AFFECTED RECEIVING ENVIRONMENT

12.1. BIODIVERSITY AND VEGETATION

Erf 4477, Walvis Bay is located within the already established industrial area. The habitat for fauna is therefore fragmented. There is no noteworthy fauna or flora present at the site.

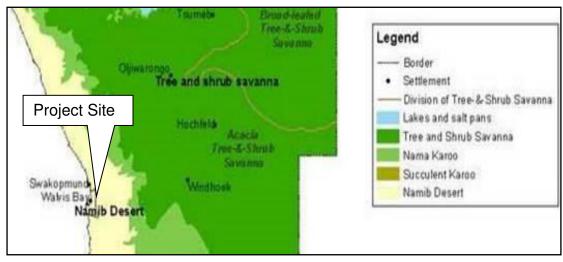


Figure 7: Biomes in Namibia (Atlas of Namibia, 2002)

Only the necessary plants/vegetation will be removed for the construction phase. The natural characteristics of the project site namely the vegetation clearance and the destruction of habitats is expected to further on have a low impact on the environment before the mitigation measures are taken and after the mitigation measures are taken, the impact will be very low.

12.2. GEOLOGY AND SOILS

Groundwater is not abstracted for human consumption in Walvis Bay. The Municipality of Walvis Bay currently purchases fresh/potable water from NamWater, which source water from the Kuiseb Water Supply Scheme. See *Map* below:

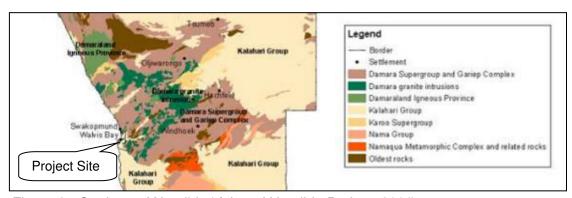


Figure 8: Geology of Namibia (Atlas of Namibia Project, 2002)

12.3. SOCIO ECONOMIC ENVIRONMENT

The proposed development falls within the Erongo Region with a population of 150,400 and a density of 2.4 people/km² (*National Planning Commission, 2012*). The Erongo Region shows promise in terms of socio-economic factors. It has one of the lowest unemployment rates of all regions in Namibia (22.6%), and only 5.1% of households in the Erongo Region are considered poor. Furthermore, 97% of the population is considered literate and 72%, the highest for any Namibian region, has some form of education at secondary level.

From figures provided by the Municipality, it is projected that the population of Walvis Bay will grow from the current 79 500 (2014) to 180 000 by 2030. The population will thus more than double in 16 years' time. The current growth rate is 4.7%.

The largest part of Walvis Bay's population resides in the Kuisebmond area (±33 790) and secondly in Narraville (±6668) (2012 figures). This high growth is anticipated to expected high influx of people due to the expansion of port, establishment of many industries etc.

The National unemployment rate is 34% although the Erongo Region has an unemployment rate of 23%. The fishing industry is the major employer of low skilled workers on a permanent and seasonal basis. The total employment of this sector is estimated at 2.2% of the total Namibian workforce (*Namibia Statistics Agency*, 2009/2010). The major constraints of industrial development are the lack of sufficient water supply, the lack of a large enough local market and the excessive focus on the fishing industry. Most industries that exist at the coast are either secondary or tertiary suppliers to the fishing industry or linked to port-related activities.

Walvis Bay will benefit from more employment opportunities, skills and technology transfer during construction and operations of the development. The spending power of locals is likely to increase because of employment during the construction and operational phase.

The site where Erf 4477 is located is surrounded by land that is zoned for 'business' and 'industrial' uses. This area has already been developed and is fully serviced with municipal bulk services. The buildings erected in this area are mainly used for warehousing, bulk storage of fuel, manufacturing and retail purposes. The proposed development will not have a negative impact on the social environment as it is in line with the current uses in this area. It will thus have a positive impact on the social environment. The socio-economic characteristics of the area are continuously changing as more economic activities are established within the area.

12.4. CLIMATE

A summary of climate conditions is presented below:

Table 1: Climate Data

01 '' ' 1 '	D .
Classification of climate	Desert
Precipitation	0-50
Variation in annual rainfall (%)	<100
Average annual evaporation (mm/a)	2400-2600

Water deficit (mm/a)	1701-1900
Fog	Approximately 900 hours of fog per year
Temperature	Average maximum: Between 24°C in
	March/April and 19.3°C in September
	Average minimum: Between 16.5°C in
	February and 9 ^o C in August Average
	annual >16°C

Strong winds in the coastal areas may aggravate dust impacts during the construction phase. The structures to be constructed must meet all prescribed Municipal requirements and therefore should not pose any environmental threat due to Walvis Bay's climatic conditions.

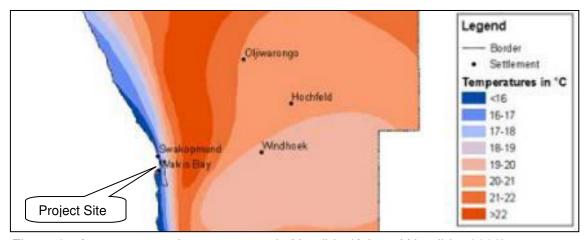


Figure 9: Average annual temperatures in Namibia (Atlas of Namibia, 2002)

12.5. WALVIS BAY'S WATER RESOURCES

From figures provided by the Municipality, it is projected that the population will grow from the current 79 500 (2014) to 180 000 by 2030. The population will thus more than double in 16 years' time. The Municipality of Walvis Bay currently purchases fresh/potable water from NamWater, which source water from the Kuiseb Water Supply Scheme. This area does not fall within a Water Control Area, but groundwater remains the property of the Government of Namibia. The development of Erf 4477, Walvis Bay poses no threat to the potable water supply as it is not located close to the Kuiseb Water Supply Scheme.

12.6. CORROSION

Since the project site is located in Walvis Bay, which is known for extensive corrosion, it is believed that the equipment constructed and used on site will be exposed to corrosion to a large degree. The corrosion is due to the salty nature of the soil and nearby ocean where fog and winds distribute it. Corrosion causes equipment (especially metal such as pipelines and concrete buildings) to deteriorate over time.

12.7. CULTURAL HERITAGE

The proposed project site is not known to have any historical significance prior to or after Independence in 1990. The specific area does not have any National

Monuments and the specific site has no record of any cultural or historical importance or on-site resemblance of any nature. No graveyard or related article was found on the site.

13. IMPACT ASSESSMENT AND EVALUATION

The Environmental Impact Assessment sets out potential positive and negative environmental impacts associated with the proposed project site which is located on Erf 4477, Walvis Bay. The following assessment methodology will be used to examine each impact identified, see *Table* below:

Table 2: Impact Evaluation Criterion (DEAT 2006)

Criteria	Rating	(Severity)
Impact Type	+	Positive
	0	No Impact
	-	Negative
Significance of	L	Low (Little or no impact)
impact being	М	Medium (Manageable impacts)
either	Н	High (Adverse impact)

Probability:	Duration:		
5 – Definite/don't know	5 - Permanent		
4 – Highly probable	4 – Long-term (impact ceases)		
3 – Medium probability	3 – Medium term (5 – 15 years)		
2 – Low probability	2 – Short-term (0 – 5 years)		
1 – Improbable	1 - Immediate		
0 - None			
Scale:	Magnitude:		
5 – International	10 – Very high/don't know		
4 – National	8 - High		
3 – Regional	6 - Moderate		
2 – Local	4 - Low		
1 – Site only	2 - Minor		

The impacts on the receiving environment are discussed in the paragraphs below:

13.1. IMPACTS DURING THE CONSTRUCTION ACTIVITY

Some of the impacts that the development will have on the environment includes water will be used for the construction and operation activities, electricity will be used, a sewer system will be constructed and wastewater will be produced on the site that will have to be handled.

13.1.1. WATER USAGE

Water is a scarce resource in Namibia and therefore water usage should be monitored and limited in order to prevent unnecessary wastage. The proposed project might make use of water in its construction phase and operations.

Impact Evaluation

Aspect	Impact Type	Scale	Duration	Magnitude	Probability	Signific	ance
	,,					Unmitigated	Mitigated
Water	-	2	2	4	2	M	L

13.1.2. ECOLOGICAL IMPACTS

The proposed infrastructure will be constructed in a semi disturbed natural area which is partly covered with vegetation. Special care should be taken to limit the destruction or damage of the vegetation. However, impacts on fauna and flora are expected to be minimal. Disturbance of areas outside the designated working zone is not allowed.

Impact Evaluation

Aspect	Impact Type	Scale	Duration	Magnitude	Probability	Significance	
	,,,,					Unmitigated	Mitigated
Ecology	-	1	2	4	2	М	L

13.1.3. DUST POLLUTION AND AIR QUALITY

Dust generated during the transportation of building materials; construction and installation of bulk services, and problems thereof are expected to be low and site specific due to the fact that most of these roads have already been constructed to be used in the management activities of the site. Dust is expected to be worse during the winter months when strong winds occur. Release of various particulates from the site during the construction phase and exhaust fumes from vehicles and machinery related to the construction of bulk services are also expected to take place. Dust is regarded as a nuisance as it reduces visibility, affects the human health and retards

plant growth. It is recommended that regular dust suppression be included in the construction activities, when dust becomes an issue.

Impact evaluation

Aspect	Impact Type	Scale	Duration	Magnitude	Probability	Signific	ance
	,,,					Unmitigated	Mitigated
Dust & Air Quality	-	2	2	2	2	М	L

13.1.4. NOISE IMPACT

An increase of ambient noise levels at the proposed site is expected due to the construction activities. Noise pollution due to heavy-duty equipment and machinery might be generated. It is not expected that the noise generated during construction will impact any third parties due to the distance of the neighbouring activities. Ensure all mufflers on vehicles are in full operational order; and any audio equipment should not be played at levels considered intrusive by others. The construction staff should be equipped with ear protection equipment.

Impact evaluation

Aspect	Impact Type	Scale	Duration	Magnitude	Probability	Signific	ance
	,,					Unmitigated	Mitigated
Noise	-	2	1	4	2	М	L

13.1.5. HEALTH, SAFETY AND SECURITY

The safety, security and health of the labour force, employees and general public are of great importance. Workers should be orientated with the maintenance of safety and health procedures and they should be provided with PPE (Personal Protective Equipment). A health and safety officer should be employed to manage, coordinate and monitor risk and hazard and report all health and safety related issues in the workplace.

Safety issues could arise from the earthmoving equipment and tools that will be used on site during the construction phase. This increases the possibility of injuries and the contractor must ensure that all staff members are made aware of the potential risks of injuries on site. The presence of equipment lying around on site may also encourage criminal activities (theft).

Sensitize operators of earthmoving equipment and tools to switch off engines of vehicles or machinery not being used. The contractor is advised to ensure that the team is equipped with first aid kits and that these are available on site, at all times. Workers should be equipped with adequate personal protective gear and properly trained in first aid and safety awareness.

No open flames, smoking or any potential sources of ignition should be allowed at the project location. Signs such as 'NO SMOKING' must be prominently displayed in parts where inflammable materials are stored on the premises. Proper barricading and/or fencing around the site especially trenches for pipes and drains should be erected to avoid entrance of animals and/or unauthorized persons. Safety regulatory signs should be placed at strategic locations to ensure awareness. Adequate lighting within and around the construction locations should be erected, when visibility becomes an issue.

Impact evaluation

Aspect	Impact Type	Scale	Duration	Magnitude	Probability	Significance	
						Unmitigated	Mitigated
Safety & Security	-	1	2	4	2	М	L

13.1.6. CONTAMINATION OF GROUNDWATER

Care must be taken to avoid contamination of soil and groundwater. Use drip trays when doing maintenance on machinery. Maintenance should be done on dedicated areas with linings or concrete flooring. The risk can be lowered further through proper training of staff. All spills must be cleaned up immediately. Excavations should be backfilled and sealed with appropriate material, if it is not to be used further.

Impact Evaluation

Aspect	Impact Type	Scale	Duration	Magnitude	Probability	Signif	icance
	71					Unmitigated	Mitigated
Groundwater	-	2	2	2	2	М	L

13.1.7. SEDIMENTATION AND EROSION

Vegetation is stabilizing the area against wind and water erosion. Vegetation clearance and creation of impermeable surfaces could result in erosion in areas across the proposed area. The clearance of vegetation will further reduce the capacity of the land surface to slow down the flow of surface water, thus decreasing infiltration, and increasing both the quantity and velocity of surface water runoff. The proposed construction activities will increase the number of impermeable surfaces and therefore decrease the amount of groundwater infiltration. As a result, the amount of storm water during rainfall events could increase. If proper storm water management measures are not implemented this will impact negatively on the water courses close to the site.

Impact Evaluation

Aspect	Impact Type	Scale	Duration	Magnitude	Probability	Signific	cance
	,,					Unmitigated	Mitigated
Erosion and Sedimentation	-	1	2	4	2	М	L

13.1.8.GENERATION OF WASTE

This can be in a form of rubble, cement bags, pipe and electrical wire cuttings. The waste should be gathered and stored in enclosed containers to prevent it from being blown away by the wind. Contaminated soil due to oil leakages, lubricants and grease from the construction equipment and machinery may also be generated during the construction phase.

The oil leakages, lubricants and grease must be addressed. Contaminated soil must be removed and disposed of at a hazardous waste landfill. The contractor must provide containers on-site, to store any hazardous waste produced. Regular inspection and housekeeping procedure monitoring should be maintained by the contractor.

Impact Evaluation

Aspect	Impact Type	Scale	Duration	Magnitude	Probability	Signific	ance
	,,					Unmitigated	Mitigated
Waste	-	1	2	4	2	M	L

13.1.9. CONTAMINATION OF SURFACE WATER

Contamination of surface water might occur through oil leakages, lubricants and grease from the equipment and machinery during the installation, construction and maintenance of bulk services at the site. Oil spills may form a film on water surfaces in the nearby streams causing physical damage to water-borne organisms.

Machinery should not be serviced at the construction site to avoid spills. All spills should be cleaned up as soon as possible. Hydrocarbon contaminated clothing or equipment should not be washed within 25m of any surface water body.

Impact Evaluation

Aspect	Impact Type	Scale	Duration	Magnitude	Probability	Significance	
						Unmitigated	Mitigated
Surface water	-	2	2	4	3	М	L

13.1.10. TRAFFIC AND ROAD SAFETY

All drivers of delivery vehicles and construction machinery should have the necessary driver's licenses and documents to operate these machines. Speed limit warning signs must be erected to minimise accidents. Heavy-duty vehicles and machinery must be tagged with reflective signs or tapes to maximize visibility and avoid accidents.

Impact Evaluation

Aspect	Impact Type	Scale	Duration	Magnitude	Probability	Signific	ance
						Unmitigated	Mitigated
Traffic	-	2	2	4	3	М	L

13.1.11. FIRES AND EXPLOSIONS

There should be sufficient water available for firefighting purposes. Ensure that all fire-fighting devices are in good working order and they are serviced. All personnel have to be trained about responsible fire protection measures and good housekeeping such as the removal of flammable materials on site. Regular inspections should be carried out to inspect and test firefighting equipment by the contractor.

Impact Evaluation

Aspect	Impact Type	Scale	Duration	Magnitude	Probability	Significance	
	71					Unmitigated	Mitigated
Fires and Explosions	-	2	2	4	2	М	L

13.1.12. SENSE OF PLACE

The placement, design and construction of the proposed infrastructure should be as such as to have the least possible impact on the natural environment. The proposed activities will not have a large/negative impact on the sense of place in the area since it will be constructed in a manner that will not affect the neighbouring portions and it will not be visually unpleasing.

Impact Evaluation

Aspect	Impact Type	Scale	Duration	Magnitude	Probability	Signific	ance
						Unmitigated	Mitigated
Nuisance Pollution	-	1	1	2	2	М	L

13.2. IMPACTS DURING THE OPERATIONAL PHASE

13.2.1.ECOLOGICAL IMPACTS

Staff and visitors should only make use of walkways and existing roads to minimise the impact on vegetation. Minimise the area of disturbance by restricting movement to the designated working areas during maintenance and drives.

Impact Evaluation

Aspect	Impact Type	Scale	Duration	Magnitude	Probability	Significance	
	,,					Unmitigated	Mitigated
Ecology Impacts	-	1	2	4	2	L	L

13.2.2.DUST POLLUTION AND AIR QUALITY

Vehicles transporting goods and staff will contribute to the release of hydrocarbon vapours, carbon monoxide and sulphur oxides into the air. Possible release of sewer odour, due to sewer system failure of maintenance might also occur. All maintenance of bulk services and infrastructure at the project site has to be designed to enable environmental protection.

Impact Evaluation

Aspect	Impact Type	Scale	Duration	Magnitude	Probability	Significance	
	,					Unmitigated	Mitigated
Dust & Air Quality	-	2	2	4	4	М	L

13.2.3. CONTAMINATION OF GROUNDWATER

Spillages might also occur during maintenance of the sewer system. This could have impacts on groundwater especially in cases of large sewer spills. Proper containment should be used in cases of sewerage system maintenance to avoid any possible leakages. Oil and chemical spillages may have a heath impact on groundwater users. Potential impact on the natural environment from possible polluted groundwater also exits.

Impact Evaluation

Aspect	Impact Type	Scale	Duration	Magnitude	Probability	Significance	
						Unmitigated	Mitigated
Groundwater contamination	-	2	2	4	2	L	L

13.2.4.GENERATION OF WASTE

Household waste from the activities at the site and from the staff working at the site will be generated. This waste will be collected, sorted to be recycled and stored in on site for transportation and disposal at an approved landfill site.

Impact Evaluation

Aspect	Impact Type	Scale	Duration	Magnitude	Probability	Signific	ance
						Unmitigated	Mitigated
Waste Generation	-	1	2	2	2	М	L

13.2.5. FAILURE IN RETICULATION PIPELINES

There may be a potential release of sewage, stormwater or water into the environment due to pipeline/system failure. As a result, the spillage could be released into the environment and could potentially be health hazard to surface and groundwater. Proper reticulation pipelines and drainage systems should be installed. Regular bulk services infrastructure and system inspection should be conducted.

Impact Evaluation

Aspect	Impact Type	Scale	Duration	Magnitude	Probability	Significa	ance
	,,					Unmitigated	Mitigated
Failure of Reticulation Pipeline	-	1	1	4	2	М	L

13.2.6. FIRES AND EXPLOSIONS

Food will be prepared on gas fired stoves. There should be sufficient water available for firefighting purposes. Ensure that all fire-fighting devices are in good working order and are serviced. All personnel have to be trained about responsible fire protection measures and good housekeeping such as the removal of flammable materials on site. Regular inspections should be carried out to inspect and test firefighting equipment by the contractor.

Impact Evaluation

Aspect	Impact Type	Scale	Duration	Magnitude	Probability	Signific	ance
	71					Unmitigated	Mitigated
Fires and Explosions	-	2	1	4	2	М	L

13.2.7.HEALTH, SAFETY AND SECURITY

The safety, security and health of the labour force, employees and neighbours are of great importance, workers should be orientated with the maintenance of safety and health procedures and they should be provided with PPE (Personal Protective Equipment). Workers should be warned not to approach or chase any wild animals occurring on the site. No open flames, smoking or any potential sources of ignition should be allowed at the project location. Signs such as 'NO SMOKING' must be prominently displayed in parts where inflammable materials are stored on the premises.

Impact Evaluation

Aspect	Impact Type	Scale	Duration	Magnitude	Probability	Significa	ance
	,,					Unmitigated	Mitigated
Safety & Security	-	1	2	4	2	М	L

13.3. CUMULATIVE IMPACTS

These are impacts on the environment, which results from the incremental impacts of the construction and operation of the proposed project when added to other past, present, and reasonably foreseeable future actions regardless of what person undertakes such other actions. Cumulative impacts can result from individually minor but collectively significant actions taking place over a period of time. In relation to an activity, it means the impact of an activity that in it may not become significant when added to the existing and potential impacts resulting from similar of diverse activities or undertakings in the area.

Possible cumulative impacts associated with the proposed project include sewer damages/maintenance, vegetation and animal disturbance, uncontrolled traffic and destruction of the natural environment. These impacts could become significant especially if it is not properly supervised and controlled. This could collectively impact on the environmental conditions in the area. Cumulative impacts could occur in both the operational and the construction phase.

Impact Evaluation

Aspect	Impact Type	Scale	Duration	Magnitude	Probability	Significance	
	71					Unmitigated	Mitigated
Cumulative Impacts	-	1	3	4	3	L	L

14. ENVIRONMENTAL MANAGEMENT PLAN

The Environmental Management Plan (EMP) provides management options to ensure impacts of the proposed construction are minimised. An EMP is an environmental management tool used to ensure that undue or reasonably avoidable adverse impacts of the operations are prevented, and the positive benefits of the projects are enhanced.

The objectives of the EMP are:

- ✓ to include all components of the proposed project.
- ✓ to prescribe the best practicable control methods to lessen the environmental impacts associated with the project.
- ✓ to monitor and audit the performance of the project personnel in applying such controls.
- ✓ To ensure that appropriate environmental training is provided to responsible project personnel.

The EMP acts as a document that can be used during the various phases of the proposed project. The contractor as well as the management and staff should be made aware of the contents of the EMP. See Appendix for EMP.

15. CONCLUSION

The EIA has been completed in line with the requirements of the Environmental Management Act, 2007 and Regulations and it is concluded and recommended that the specific site identified namely Erf 4477, Walvis Bay, has the full potential to be used for the proposed activities. The identified environmental and social impacts can be minimized and managed through implementing preventative measures and sound management systems. It is recommended that the environmental performance be monitored regularly to ensure compliance and that corrective measures be taken if necessary.

In general, the construction and operation of the proposed project would pose limited environmental risks, provided that the EMP for the activity is used properly. The EMP should be used as an onsite tool during the construction and operation of the project. Parties responsible for non-conformances of the EMP should be held responsible for any rehabilitation that has to be undertaken. After assessing all information available on this project, Green Earth Environmental Consultants are of the opinion that the proposed project site is suitable for the proposed activities. The accompanying EMP will focus on mitigation measures that will remediate or eradicate the negative or adverse impacts.

16. RECOMMENDATION

It is therefore recommended that the Ministry of Environment, Forestry and Tourism through the Environmental Commissioner support and approve the Environmental Clearance for the operations of the Materials Recovery Facility (MRF) of Rent-a-Drum on Erf 4477, Walvis Bay, Erongo Region and to issue an Environmental Clearance for the following 'Listed Activities':

WASTE MANAGEMENT, TREATMENT, HANDLING AND DISPOSAL ACTIVITIES

- The construction of facilities for waste sites, treatment of waste and disposal of waste.
- The import, processing, use and recycling, temporary storage, transit or export of waste.

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APPENDIX A: NEWSPAPER NOTICES

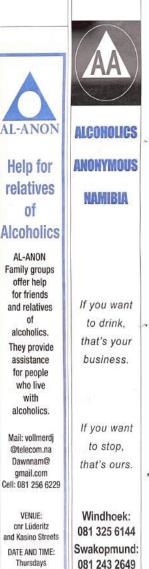








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Employment

Notices REZONING NOTICE:

Rezoning of Erf 2604, Mondesa, Swakopmund, from 'Single Residential' with density of 1:300 to 'General Business' with a 'with a Bulk of 1.

with a Sulk of 1.

Erf 2604 is situated in Mondesa, Extension 3 in Mardume Ndemufayo Stieet, Swakopmund The Erf s 43 pm in extent and is ourrently zoned Single Residential with a demaily of 1:30. The Reproseed to be supported to the Sulfield Residential with a demaily of 1:30. The Reprosed to be supported to the Sulfield Residential with a demaily of 1:30. The Reprosed to the Sulfield Residential with a demail of 1:30 the Reprosed to the Sulfield Residential Residential

Further take note that any person objecting to the rorp osed are of land set out above may lodge such objection, together with the grounds therefore, with the Swakopmund Municipality and with the appearance of the last notice (final date for objections 21 July 2022).

Applicant: NamiLand Town and Regional Planning & Environmental Management

Environmental Ma Consultants PO Box 55160 Rocky Crest Contact details: Tel: 061-213641 Fax: 061-213642 Efax: 0888519068

Notices

CALL FOR PUBLIC PARTICIPATION COMMENTS

ENVIRONMENTAL IMPACT ASSESSMENT TO OBTAIN AN ENVIRONMENTAL CLEARANCE FOR THE MATERIALS RECOVERY FACILITY OF RENT-A-DRUM ON ERF 1651, RUNDU (EXTENSION 5), KAVANGO REGION

REGION

Green Earth Emironmental
Consultants have been appointed to attend to and complete an Environmental Impa ct Assessment and Environmental Impa ct Assessment and Environmental Management Plan (EMP) bottom at Environmental Impact Assessment Act (No. 7 of 2007) and the Environmental Impact Assessment Regulations (SN 30 in G4 457 of 6 Fobruary 2012) for the operations of the Materials Recovery Facility (ARF) of Rente-Orum on Eri 1651, Rundu (Extension 6), Karango Region.

Please note that the locality plan of the Eff les for inspection on the Town Planning Notice Board at Swakopmund Municipality Office Building, Corner of Rakutoka & Daniel Kamho Street Name of orcognent:
Rent-a-Drum (Pty) Ltd.
Project 1 ocation and
description: The project take is located on Ert 1651.
Rundu (Extension 6), Kavango
Region. The MRF consists of a building which accommodates the processes and machinery for receiving, separating and/
or processing of different recyclable materials from waste collected darkight from households and businesses and the packing and movement of vehicles. A locality plan of the site is displayed at the Rundu Municipal Notice
Board or a vall bus from the processes and the Rundu Municipal Notice
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interested and affected parties are hereby invited to register in terms of the assessment process to give hiput comments, and opinions regarding the proposed project. A Background information Document is available to the 18 AP's who registers. A public meeting will be held if enough public interest is shown. Registered 18 APs who will be notified of the date and venue of the public meeting.

The last date for comments and/or registration is 22 July 2022.
Contact details for registration and further information:

Green Earth Environmental Consultants Contact Persons: Charlie Du Toil/Carien van der Walt Tel: 0811273145 E-mail: carien@ greenearthnami bia.com

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CALL FOR PUBLIC PARTICIPATION/ COMMENTS

ENVIRONMENTAL IMPACT AS SESS MENT TO OBTAIN AN ENVIRONMENTAL CLEARANCE FOR THE MATERIALS RECOVERY FACILITY OF RENT-A DRUM ON ERF 4477, WALVIS BAY, ERONGO REGION

Orean Earth Environmental Consultants have been appointed to attend to and complete an Environmental Impact A see es m on Impact A see Impact A Green Earth Environmental

Interested and affected parties are hereby invited to register in terms of the assessment process to give input comments, and ophions regarding the proposed project. A Background information Document is available to the 18 AP's who registers. A public meeting will be held if enough public interest is shown. Registered 18 APs will be notified of the date and venue of the public meeting.

The last date for comments and/or registration is 22 July 2022.
Contact details for registration and further information:

Green Earth Environmental
Consultants
Contact Persons: Charlie Du
Tolt/Carrien van der Walt
Tel: 0811273145
E-mai: carien@
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IMPACT ASSESSMENT
FOR THE RENEWAL OF
THE ENVIRONMENTAL
CLEARANCE FOR THE
SPITZKOPPE CAMPSITE
AND OBTAINING AN
ENVIR ON ME N TA L
CLEARANCE FOR THE
PROPOSED MAERUA
SELF CATERING CAMP,
SPITZKOPPE, ERONGO
REGION

REGION

Green Earth Environmental Consultants have been appointed to attend to and complete an Environmental Imp act Assessment Resident and Assessment Plant (EMP) to obtain an Environmental Clearance Certificate as per the requirements of the Environmental Management Act (No. 7 of 2007) and the Environmental Impact Assessment Regulations (GN 30 n G0 487 of 6 Pobrusy 30 n G0 487 of 6 Pobrusy 30 n G0 487 of 6 Pobrusy Control Co

Name of proponent: #Gaingu Conservancy Committee Project location and description: The Project Region of Strategies and Project Region at Spitzkoppe. The Spitzkoppe Campsite operates with an existing Environmental Clearance which must be renewed. It is the intension to add the proposed Maenus soft catering camp to the activities catering camp of the activities catering camp will include a reception/artival grean, 12 tent structures (wooden frame with Rejestop cladding). 2x abidion blocks (communal) with a dish washing facility, every tent will have its own slab of a 1x communal cooking area for group bookings and 1x supervisor's tent accommodation. All Sacilities will be fittled with solar type lighting. Every facility will have a fresh potable water point. The province of the size is available at the offices of Green Earth Environmental Consutants at Bridgeview Offices, No. 4 Or. Hydrodox.

Interested and affected parties are hereby invited to register in terms of the assessment process to give assessment process to give high process to give high process to give high process to give a public meeting will be held only if there is enough public interest. Only I&APs that registered will be notified of the possible public meeting to be held.

The last date for commer and/or registration 15 July 2022.

Contact details for registration and further information:

Green Earth Environmenta Consultants
Contact Persons: Charlie Du
Toll/Carlen van der Walt
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- formwork team leader. Good communication
- in between the project carpentry/ formwork staff.

 Skills training to local

- emproyees.

 Diplome of vocational college or related.
 15 years of carpentry/ formwork experiences.
 10 years of carpentry/ formwork foreman.
 Skills /Competencies: Good skills of carpentry/formwork.

Applications and CV submitted to: namibia@chinageo. com.cn

Closing Date: July 1, 2022



PUBLIC NOTICE **GROOTFONTEIN STRUCTURE PLAN**

Stubenrauch Planning Consultants cc, has been appointed by the Grootfontein Municipality to prepare a Structure Plan for Corotfortein which will guide the development of Grootfortein over the next 10 to 20 years

A Structure Plan is a spatial planning tool for guiding development within a town or a region for a period of time ranging between 10 to 20 years. The aim of the plan is to guide urban spatial and infrastructural development within the local authority are access on the green while also informing the public and local or foreign investion of Councills vision as to how the town of Grosofortion into to be developed. The plan is to be transparently prepared in close consultation with Local Authority. Usiley Provides, Line Ministries, the general public and the community.

PUBLIC MEETING: PROJECT ANNO UNCEMENT
The public, Interested and Affected Parties (8AP), including
regional and local stakeholders are invited to started a public
meeting which will have the purpose to introduce the project
and to present the methodology to be used when preparing
the Grooffonten Structure Plan. The project announcement
meeting is scheduled to take place as follows:

Date: Monday, 11 July 2022 Time: 17H30 Venue: Grootfontein Community Town Hall

REGISTRATION AS AN INTERESTED AND AFFECTED PARTY:

PARTY:
Please note that persons or institutions wishing to register as an interested and/or Affected Party are invited to register such inherest at the contact details below on or before 11 August 2022.

Ms. Pombili ii pumbu or Mr. Browny Mutrifa Stubenrauch Planning Consultants Po Box 41404, Windhoek Tel: 061 - 251189 By Email: pombili@spc.com.na



Notices

REPUBLIC OF NAMEBA
MINISTRY OF TRACE & INDUSTRY
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NOTICE OF ENVIRONMENTAL IMPACT AS SESS MENT (EIA) FOR

THE PROPOSED BRADO LODGE AND CONFERENCE CENTER NEAR OTJINENE SETTLEMENT, OMAHEKE REGION

Under the Environmental Management Act No. 7 of 2007 and its 2012 EIA Regulations, the proposed hospitality and tourism facility requires an Environmental Clearance Certificate (ECC) from the Department of Environmental Affairs & Forestry (DEAF) before commencement of congritudion and

The public is hereby notified, that an application for an ECC will be submitted to the Environmental Commissioner.

Brief Project Description
The proposed hospitality and tourism facility is situated in Ctjmen sediemont, Ormahoke Region. The proposed facility comprises of seventeen (17) lodge guestrooms, a conference center, a business park, a restaurant, three (3) sleeping sooms, four (4) public toilets, a public eviriming pool and a public bar.

Proponent: Brado Lodge co Environmental Consultant: Excel Dynamic Solutions (Pty) Ltd

Members of the public are invited to register as into sested and Affected Partice (8AP2) to comment/rise concerns or society further information on the Environmental Assessment process. A Public Consultation Meeting will be held in Odjinene.

Specific meeting details will be communicated with all the registered (8APs in due course.

Registration requests and comments should be forwarded to Excel Dynamic Solutions (Pty) Ltd on the contact details below, before or on 30 July 2022.

Mr. Silas David Email: public@ Email: public@edsnamibia. com Tel: + 264 61 259 530

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Legal Notice

ENVIRONMENTAL IMPACT ASSESSMENT TO OBTAIN AR ENVIRONMENTAL CLEARANCE FOR THE MATERIALS RECOVERY FACILITY OF RENT-A-DRUM ON ERF 1651, RUNDU (EXTENSION 6), KAVANGO REGION

REGION

Green Earth Environmental

Consultrants have been appointed to attend to and complete an Environmental Imp act Assessment and Environmental Imp act Assessment and Environmental Management Plan (EMP) to obtain an Environmental Clearance Certificate as Environmental Management Act (No. 7 of 2007) and the Environmental Impact Assessment Regulations (GN 30 in 00 4879 of 6 February 2012) for the operations of the Martelials Recovery Facility (MMF) of Renta-Drum on Erf 1551 R. Candy (Extension 6), Kararingo Region.

Name of proponent: Rent-a-Drum (Pty) Ltd

Patrice Location and description. The project size is located on Erf 1651, Rundu (Education Co. 1861), Rundu (Educ

Interested and affected parties are hereby invited to register in terms of the interest of the

The last date for comments and/or registration is 22 July 2022. Contact details for registration and further

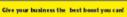
Green Earth Environmental Consultants Consultants
Contact Persons: Charlie Du
Toilt/Garien van der Walt
Tal: 0811273145
E-msil: carlen@
greenearthnamibia.com



interested and affected parties are hereby invited to register in terms of the second parties are terms of the proposed project. A Background Information Document is available to the Is AP's who registers. A public meeting will be held if enough public intertest is shown. Registered I & AP's will be notified of the date and venue of the public meeting.

The last date for comments and/or registration is 22 July 2022.
Contact details for registration and further information:

Green Earth Environmental Consultants Contact Persons: Charlie Du Tolt/Carlien van der Walt Tel: 0811273145 E-mail: carlen@ greenearthnamibla.com



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ERONGO REGION

Green Earth Environmental

Consultants have been appointed to amost to another the second of the se

Name of proponent: Rent-a-Drum (Pty) Ltd.

ENVIRONMENTAL IMPACT ASSESSMENT TO OBTAIN AN ENVIRONMENTAL CLEARANCE FOR THE MATERIALS RECOVERY FACILITY OF RENT-A-DRUM ON ERF 4477, WALVIS BAY, ERONGO REGION THE PROPOSED BRADO LODGE AND CONFERENCE CENTER NEAR OTJINENE SETTLEMENT, OMAHEKE REGION

Under the Environmental Maragement Act No. 7 of 2007 and its 2012 E1A Regulations, the proposal hospitality and tourism facility requires an Environmental Cloarance Certificate (ECC) from the Department of Environmental Affairs & Forestry (DEAF) before commencement of construction and operation and operation.

The public is hereby notified, that an application for an ECC will be submitted to the Environmental Commissioner.

Brief Project Description
The proposed hospitally and southern healthy a stunder in Region. The proposed facilities Region. The proposed facility comprises of seventien (17) lodge guestrooms, a conference center, a business park, a restaurant, three (3) sleeping rooms, four (4) public tooliests, a public sevening pool and a public bar.

Proponent: Brado Lodge or Environmental Consultant: Excel Dynamic Solutions (Pty) Ltd

Rents-Drum (Pty) List.

Project Jocation and description: The project site is located on Erd 4477. New Industrial Res. Laugh Herivich Cressent, Nr 54, Walvie Bay, Econolist or a Jouisifing which accommodates the processes and machinery for receiving, separating and/or processing of different re-cyclable materials from weather collected straight from boushelds and businesses and the parking and movement of which on Abousifing and movement of which on Abousifing and the Walvies Bay Municipal Notice Board or available from the Offices of Green Earth Environmental Consultants at Bridgeview Offices, No. 4 Dr. Kwame Naruma Averus, Klein Windowski, and Marchael. Members of the public are invited to register as interested and Affected Paties (I&APs) to comment/raise concerns or receive further information on the Environmental Assessment process. A Public Consultation Meeting will be held in Otjinene. Specific meeting details will be communicated with all the registered (I&APs in due course.

Registration requests and comments should be forwarded to Excel Dynamic Solutions (Pty) Ltd on the contact details below, before or on 30 July 2022.

Mr. Silas David Email: public@edsnamibia. com Tel: + 264 61 269 620

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Notices

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Vacancy for an Italian speaking Operational Assistant Manager

The ideal candidate should be fluent English, Italian and French speaking, specialized in ecotourism products, filming (with NFC) and conservation programs (with MEFT and NGO's).

His/her duties include: sales, operations supervision, tour guiding, marketing in Italy, management and capacity building skills. Experience of 4 years minimum in tourism and valid driving license and PDP required. Conservation field work is also required.

Please send CV's to charlotte@ ecosafaris.com

Notices

Legal Notice

ENVIRONMENTAL SCOPING ASSESSMENT NOTICE TO ALL INTERESTED AND AFFECTED PARTIES

Notice is hereby given to all potentially interested and/ or Affected Parties (I&APs) or Affected Parties (I&APs) that an application will be made to the Environmental Commissioner in terms of the Environmental Management Act (No. 7 of 2007) and the Environmental Impact Assessment Regulations (GN. No. 30 of 6 February 2012) for the following:

Proponent: Radit Ostrich (Proprietary) Limited.

Environmental Assessment Practitioner: Urban Green cc

Project Name: Remainder of Farm Grunewald No. 135 Irrigation Expansion Development

Project Location: The Remainder of Farm Grunewald No. 135 is situated in the southern parts of Namibia, 15km south of Stampriet Village, in the Hardap Region.

Project Background and Description: The owner of the Remainder of Farm Grunewald No. 135 intents to expand the existing irrigation development on the farm with an additional the farm with an additional two centre pivot irrigation fields of 20ha each. To this effect the Proponent would like to apply with the Ministry of Agriculture, Water and Land Reform for increase water abstraction from the two additional poreholes on the farm.

Registration of I&APs and Submission of and Submission of Comments: In line with the above mentioned legislation, all ISAPs are hereby invited to register and submit their comments / concerns / questions (to be done in writing) to the office of Urban Green co-via the details given below. via the details given below. Information on the proposed project is available from the Urban Green oc office.

DEADLINE FOR REGISTRATION AND SUBMISSION OF COMMENTS IS 27 July 2022

Contact: Brand van Zyl / Tel.: 061 - 300 820 / Fax: 061 - 401 294 / emil: urbangreen@

Employment

PRINSLOO DRILLING HAS THE FOLLOWING VACANCIES

- DIAMOND CORE
 DRILL
 RIG SENIOR
 SUPERVISOR
 DIAMOND CORE
 DRILL REG SENIOR
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To be successful you will met the following requirements:

- Extensive experience in Diamond Drilling
 Experience in BQ, NQ, HQ, PQ, Triple Tube and wire line drilling
 Certified candidates will secaive preference
 Records drilling progress and gools gload data
 Be able to start immediately
 The ability to see

- be a title to saint immediately
 The a bility to pass pre-employment medica and drug screening
 Namitian Citizen
 RC Drilling Experience will be an advantage
 Be a bie to manage a sae site A minimum of 10 years
- drilling experience in a supervisory position computer literate and MS Office efficient.

We place high regard on good references.

Please send your letter of application and cv to dodds@prins.loodrilling com

Closing date: 16th July 2022

Goods

SALES

2×Ovens (80-120) loaf)(MacAdams) 1×double door proover 1×Mixer (80I) 1×Bread cutter 2× Bread trolleys 2× Bread cooler Bo4 Bread pans and trays included N\$400k

Serious buyers Call 0818117576

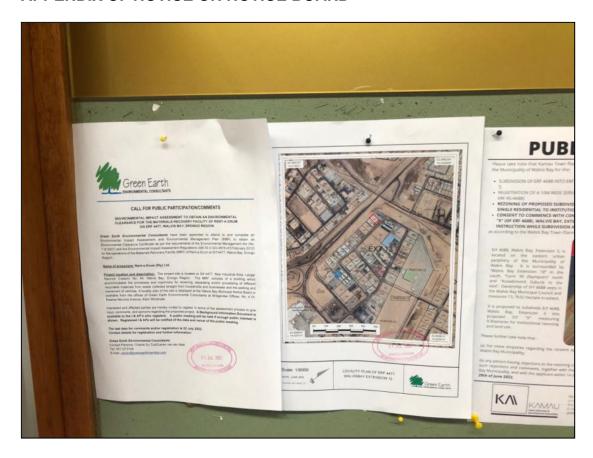


APPENDIX B: NOTICE ON SITE





APPENDIX C: NOTICE ON NOTICE BOARD



APPENDIX D: CURRICULUM VITAE OF CHARLIE DU TOIT

1. Position: Environmental Practitioner

Name/Surname: Charl du Toit
 Date of Birth: 29 October 1960

4. Nationality: Namibian

5. Education: Name of Institution University of Stellenbosch, South Africa

Degree/Qualification Hons B (B + A) in Business

Administration and Management

Date Obtained 1985-1987

Name of Institution University of Stellenbosch, South Africa

Degree/Qualification BSc Agric Hons (Chemistry, Agronomy

and Soil Science)

Date Obtained 1979-1982

Name of Institution Boland Agricultural High School, Paarl,

South Africa

Degree/Qualification Grade 12
Date Obtained 1974-1978

EAPAN Member (Membership Number: 112)

6. Membership of

Professional

Association:

7.	Languages:		<u>Speaking</u>	Reading	Writing
		English	Good	Good	Good

Afrikaans Good Good Good

8.	Employment	<u>From</u>	<u>To</u>	<u>Employer</u>	Position(s) held
	Record:	2009	Present	Green Earth	Environmental

ecord: 2009 Present Green Earth Environmental Environmental Practitioner

Consultants

2005 2008 Elmarie Du Toit Manager

Town Planning

Consultants

2003 2005 Pupkewitz General Manager

Megabuild

1995 2003 Agra Cooperative Manager Trade

Limited

Namibia Chief Agricultural

1989 1995 Development Consultant

Corporation

Ministry of Agricultural

Certification:

I, the undersigned, certify that to the best of my knowledge and belief, this CV correctly describes myself, my qualifications, and my experience. I understand that any wilful misstatement described herein may lead to my disqualification or dismissal, if engaged.

Charl du Toit

APPENDIX E: CURRICULUM VITAE OF CARIEN VAN DER WALT

1. Position: Environmental Consultant

2. Name/Surname: Carien van der Walt

3. Date of Birth: 6 August 1990

4. Nationality: Namibian

5. Education:

Institution	Degree/Diploma	Years
University of Stellenbosch	B.A. (Degree) Environment and	2009 to 2011
	Development	
University of South Africa	B.A. (Honours) Environmental	2012 to 2013
	Management	

6. Membership of Professional Associations:

EAPAN Member (Membership Number: 113)

7. Languages:

Language	Speaking	Reading	Writing
English	Good	Good	Good
Afrikaans	Good	Good	Good

8. Employment Record:

From	То	Employer	Positions Held
07/2013	Present	Green Earth Environmental Consultants	Environmental
			Consultant
06/2012	03/2013	Enviro Management Consultants Namibia	Environmental
			Consultant
12/2011	05/2012	Green Earth Environmental Consultants	Environmental
			Consultant

9. Detailed Tasks Assigned:

Conducting the Environmental Impact Assessment, Environmental Management Plan, Public Participation, Environmental Compliance and Environmental Control Officer

Certification:

I, the undersigned, certify that to the best of my knowledge and belief, this CV correctly describes myself, my qualifications, and my experience. I understand that any wilfur misstatement described herein may lead to my disqualification or dismissal, if engage.
Carien van der Walt

AGREEMENT OF LEASE OF UNIT 1 AND 2 ON ERF 4477 WALVIS BAY

Made and entered into by and between:

ARAND INVESTMENTS CC REGISTRATION NUMBER: CC/2009/2509

> PO BOX 9096 WALVIS BAY REPUBLIC OF NAMIBIA

(Herein represented by **RUAN MARAIS** in his capacity as member and warranting to be duly authorized)

("the LESSOR")

and

Rent-A-Drum (PTY) LTD. REGISTRATION NUMBER: 2014/0032

> PO BOX 30735 PIONIERSPARK WINDHOEK REPUBLIC OF NAMIBIA

(Herein represented by GYS JOHAN LOUW as Nominee and he being duly authorised thereto)

("the TENANT")

WHEREAS

- the LESSOR is the registered owner of certain premises situate on Erf
 4477, Walvis Bay; and
- (B) the TENANT is desirous of leasing the premises of the LESSOR'S.
- (C) the LESSOR has agreed to let such premises to the TENANT.

NOW THEREFORE THESE PRESENT WITNESS:

1. LETTING AND HIRING

The LESSOR hereby lets to the TENANT, who hereby hires from the LESSOR the premises comprising Warehouse 1 and Warehouse 2, Langer Heinrich Street, as captioned on the attached diagram with offices, parking and loading bay area's pertaining thereto, situate on **Erf 4477**, **Walvis Bay**.

(herein referred to as the LEASED PREMISES).

2. DURATION

2.1 The duration of this agreement of lease shall be for a fixed period of 3 (three) years, commencing on the 1st day of March 2022 and terminating on the 28th day of February 2025 both dates inclusive, the TENANT hereby agrees specifically undertaking pursuant to the provisions of Section 32(1) of the Rents Ordinance of 1977 and subject to clause 2.2 hereof, to vacate the premises by not later than the said date of termination of this lease.

APPENDIX G: ENVIRONMENTAL MANAGEMENT PLAN