Rezoning Erf 568 Extension 2, Katima Mulilo, Zambezi Region from "public open space" to "industrial" for construction and operation of a motor vehicle repair garage

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LIST OF ABBREVIATIONS

APA	Authorised Planning Authority
EIA	Environmental Impact Assessment
ED	Executive Director
NHC	National Heritage Council
GIS	Geographic Information System
GDP	Gross Domestic Product
MEFT	Ministry of Environment Forestry and Tourism
MAWLR	Ministry of Agriculture, Water and Land Reform
MOAEC	Ministry of Education, Arts and Culture
MURD	Ministry of Urban and Rural Development
MME	Ministry of Mines and Energy
NamPower	Namibia Power Corporation
NamWater	Namibia Water Corporation
NORED	Northern Regional Electricity Distributor
NDP	National Development Plan
TOR	Terms of Reference
USP	Urban Structure Plan
BID	Background Information Document
CV	Curriculum Vitae
EMP	Environmental Management Plan
GG	Government Gazette
RA	Roads Authority
I&APs	Interested and Affected Parties
NHC	National Heritage Council
GN	Government Notice
	Human Immuno-deficiency Virus / Acquired
HIV/AIDS	Immune Deficiency Syndrome
PPE	Personal Protective Equipment
DPC	Damp Proof Course

LIST OF ANNEXURES

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1.1 Background

Wanxi Investment cc hereinafter referred to as the proponent appointed Envirofficient Consultants cc to conduct an Environmental Impact Assessment for rezoning of Erf 568 Extension 2, Katima Mulilo, Zambezi Region. The proponent was allocated Erf 568, Extension 2 by the Katima Mulilo Town Council and they needs to rezone this erf from "public open space" to "industrial" land use so that they can develop and operate a motor vehicle repair garage. They have appointed TOYA Planning Consultants cc to facilitate the rezoning process.

The Environmental Impact Assessment (EIA) study was commissioned to fulfil the requirements of the Environmental Management Act (Act. No.07 of 2007) and its Regulations of February 2012. The main aim of the study is to investigate the environmental and socioeconomic impacts associated with the proposed development. The study is conducted in a multi-disciplinary approach and in a consultative manner. An environmental assessment will therefore be undertaken to determine the potential impacts.

Based on the findings of the Environmental Impact Assessment, Envirofficient consultants will develop an Environmental Management Plan (EMP) for the proposed vehicle repair garage. This scoping report is the conclusion of the first phase of an EIA process. The scoping report is aimed for gathering all possible impacts either positive or negative in nature and comparative implication is determined. This report determines if there is a need for further investigation. In situations whereby all impacts are addressed without further investigation, this document will then be submitted to the Directorate of Environmental Affairs (DEA) with an EMP. Nikolas Ndeikonghola is the qualified and recognized Environmental Assessment Practitioner (Annexure A).

Envirofficient consultants has been appointed to assess the site of proposed garage, and the construction of bulk services and infrastructures, but not the actual activities that will take place in future. The piece of land shall be rezoned as advised by TOYA Planning Consultants cc.

The figure below indicates the locality of the site. The area marked red is erf 568, Extension 2, Katima Mulilo Zambezi region.



Figure 1: Site of erf 568, Extension 2, Katima Mulilo Zambezi region.

According to the Environmental Management Act (2007) and its Regulations (2012) the following activities require an Environmental Clearance Certificate:

- a) "the clearance of forest areas, deforestation, afforestation, timber harvesting or any other related activity that requires authorization in terms of the Forest Act, 2001 (Act No. 12 of 2001) or any other law." (Section 4) (Clearance of vegetation for the construction of infrastructure, and eventual clearance for buildings).
- b) "The rezoning of land from open space to any other land use" (Section 5.1 (d).

1.2 Purpose of the study

The objective of the scoping process is:

- Evaluate the appropriateness of the proposed development against the biophysical and socio-economic of the area;
- To investigate any environmental and socio-economic impacts associated with the activities of this project and provide a detailed description of the proposed activities of this project;
- To determine the level of environmental sensitivity and propose the most suitable measures in of reducing negative natural impacts;
- To assess the legal tools that the project need to comply with;
- To extend consultation to potentially Interested and Affected Parties (I&APs), and relevant stakeholders about the project, and ensure that their concerns are considered;
- To draft mitigation measures in an Environmental Management Plan (EMP) to minimize potentially negative impacts, and ensure compliance with the Environmental Management Act (EMA, No. 7 of 2007) and all other legal frameworks.

1.3 Methodology

The scope of this study is in line with the environmental impact assessment process as outlined in the Environmental Management Act (Act No.07 of 2007) and its Regulations of February 2012. The study is conducted in a multi-disciplinary approach and in a consultative manner, furthermore the study made use of several approaches to collect data which includes:

- Collection of primary data by visiting the site and asses the environment,
- Secondary data collection by consulting relevant stakeholders and I&APs and review of relevant related literatures and legal frameworks.

Collection of data is then compiled and presented in this scoping report. The scoping report will therefore determine and assess the scope of the study and identify if there is a need for any specialist studies.

Since there was no need for any specialist studies to be conducted, this report will be considered as the final output of the environmental impact assessment of the proposed rezoning of erf 568 extension 2, Katima Mulilo, Zambezi region, from public open space to industrial. Attached to this report is also an Environmental Management Plan (EMP) of which will serve as a binding legal

document upon approval by the relevant authorities to guide the planning, design, and construction of the project.

The terms of reference for this EIA are as follows:

- Compilation of scoping report,
- Compilation of an Environmental Management Plan.

1.4 Location of the project

The proponent was allocated Erf 568, Extension 2 along the main B8 road into Katima Mulilo between NATIS and Petrosol Service Station. Erf 568 is situated at -17.514631S, 24.268713E. The figure below gives an indication of the area of interest. The figure below indicates the location of the proposed project.



Figure 2: Locality map of the proposed project

1.5 Credibility of the Garage

Wanxi Investments cc is registered with the Business Intellectual Property Authority. Upon completion of rezoning, the garage will apply for a fitness certificate from the local authority, and will be required to have all the required mandatory documents before it can start operating.

2 PROJECT DESCRIPTION

This section provides a detailed description of the proposed project. This includes an explanation of the proposed layout and some of the key land uses. The services infrastructure will also be described in this section.

2.1 The need for the development

The manufacturing and industrialization sector in Namibia is in a primitive state, informal and limited. This results in shortage of most industrial services in the country, especially in small towns and rural areas (National Planning Commission 2017).

Most professional mechanical services are mostly currently centralized in big cities, regardless of the increase in the number of motor vehicles in Namibia. There are currently a few professional motor vehicle repair centre's in Katima Mulilo compared to the number of vehicles in town, at rural areas around KM, and neighbouring countries close to Katima Mulilo. The establishment of a garage in addition to the existing ones will be an improved service provision for the residents, and a positive investment for the Katima Mulilo Town.

2.2 Description of the proposed site

The proposed site, Erf 568, Extension 2, is an open public space along the main B8 road into Katima Mulilo between NATIS and Petrol Service Station. The Katima Mulilo Town Council has allocated the Erf 568 Ext 2 to Wanxi Investment cc with the purpose of establishing the proposed development. The topography of the site is flat, and there are no existing servitudes within the proposed site, apart from the informal roads and walking paths across the land parcel. The soil type is mostly deep Kalahari sediments and Namib sand that mostly occur in the formation of sands and other sedimentary materials.

2.3 Access Provision

Erf 568 Extension 2 Katima Mulilo is directly situated in the main B8 road network serving the Katima Mulilo Town, hence the accessibility will be from the B8 road.

2.4 Water, Sanitation & Electricity (services)

The area is already serviced and connected to Katima Mulilo municipal water and sanitation services, while electricity will be supplied by Northern Regional Electricity Distributors (NORED).

3 LEGISLATION

The pursuit of sustainability is guided by a sound legislative framework. In this section relevant legal instruments as well as their relevant provisions have been surveyed. An explanation is provided regarding how these provisions apply to this project.

Table 1: Relevant legal instruments

THEME	LEGISLATION INSTRUMENT	relevant provisions	RELEVANCE TO PROJECT
The Constitution	Namibian Constitution First Amendment Act 34 of 1998	Article 19I which commits the state to promote sustainable environmental welfare and formulate as well as institutionalize policies to accomplish the sustainable objectives. It further promotes the sustainable utilization of living natural resources basis for the benefit of all Namibians, both present and future." (Article 95(I)).	Although implementation of the environmental management plan, the proponent needs to advocate for environmental management as stipulated in the constitution Ecological sustainability should inform and guide the
Environmental	Environmental Management Act 7 of 2007	Requires that projects with significant environmental impact are subject to an environmental assessment process (Section 27). Requires for adequate public participation during the environmental assessment process for interested and affected parties to voice their opinions about a project (Section 2(b-c)).	project. This Act and its regulations should inform and guide this EIA process.

		According to Section 5(4) a person may not discard waste as defined in Section 5(1) (b) in any way other than at a disposal site declared by the Minister of Environment and Tourism or in a manner prescribed by the Minister. Details principles which are to guide all EIAs	
	EI A Regulations GN 57/2007 (GG 3812)	Details requirements for public consultation within a given environmental assessment process (GN No 30 S21). Details the requirements for what should be included in a Scoping Report (GN No 30 S8) an ELA report (GN No 30 S15).	
Forestry	National Forest Act 12 of 2001	Tree species and any vegetation within 100m from a watercourse may not be removed without a permit (\$22(1)). Provision for the protection of various plant species.	The clearing of vegetation is prohibited (subject to a permit)
	Nature Conservation Ordinance 4 of 1975	Provision for the protection of various plant species.	Certain tree species occurring in the area are protected under this ordinance
Labour	Labour Act 11 od 2007	Empowers the minister responsible for labour to publish regulations pertaining to health and safety of labourers (\$135). Details requirements regarding minimum wage and working conditions (\$39-47).	All contractors involved in the construction of the services infrastructure for this project are require to comply with this Act and its regulations.
Health and Safety	Health and Safety Regulations GN 156/1997 (GG 1617)	Details various requirements regarding health and safety of labourers. Section 119 of this Act prohibits the existence of a nuisance on any land owned or occupied by the proponent. The term nuisance is important for the purpose of this EIA, as it is specified, where relevant in Section 122 as follows: any dwelling or premises which is or are of such construction as to be injurious or dangerous to health or which is or are liable to favor the spread of any infectious disease; any dung pit, slop	

		tank, ash pit or manure heap so foul or in such a state or so constructed as to be offensive or to be injurious or dangerous to health; any area of land kept or permitted to remain in such a state as to be offensive, or liable to cause any infectious, communicable or preventable disease or injury or danger to health; or Any other condition whatever which is offensive, injurious or dangerous to health.	
	Public Health Act 36 of 1919	Section 119 states that "no 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 health."	Potential nuisances (whether dust during construction or noxious gas emissions associated with future industrial activity) should be considered during planning and construction phases and avoided.
Waste and Pollution	Pollution Control and waste management Bill	The Bill serves to regulate and prevent the discharge of pollutants to Air and Water, and provide General waste management.	All activities during the construction and operation of the garage must be conducted within the framework of the bill
	Atmospheric Pollution Prevention Ordinance 11 of 1976	This Ordinance generally provides for the prevention of the pollution of the atmosphere and for matters incidental thereto. The Ordinance deals with administrative appointments and their functions; the control of noxious or offensive gases; atmospheric pollution by smoke, dust control, motor vehicle emissions; and general provisions. Part IV of this ordinance deals with dust control.	
		The Ordinance is clear in requiring that any person carrying out an industrial process which is liable to cause a nuisance to persons residing in the vicinity or to cause dust pollution to the atmosphere, shall take the prescribed steps or, where no steps have been prescribed, to adopt the best practicable means for preventing such dust from becoming dispersed and causing a nuisance.	

		Of applicability to the envisaged project, is dust generated by vehicles or equipment as well as dust generated during mining. The risk of dust generation is high at the envisaged site. This deals with air pollution as it affects occupational health and safety, and no consideration is given to the	
Services and Infrastructure	Road Ordinance 1972 (Ordinance 17 0f 1972)	natural environment. Width of proclaimed roads and road reserve boundaries (\$3.1)	
		Control of traffic on urban trunk and main roads (\$27.1) Rails, tracks, bridges, wires, cables, subways or culverts across or under proclaimed roads (\$36.1)	
		Infringements and obstructions on and interference with proclaimed roads. (\$37.1)	
		Distance from proclaimed roads at which fences are erected (\$38)	
Water	Water Act 54 of 1956	The Water Resources Management Act 24 of 2004 is presently without regulations; therefore the Water Act No 54 of 1956 is still in force:	A permit is required to dispose of domestic and industrial waste water.
		A permit application in terms of Sections 21(1) and 21(2) of the Water Act is required for the disposal of industrial or domestic waste water and effluent.	The protection of ground and surface water resources and the sanitation facilities to be
		Prohibits the pollution of underground and surface water bodies (\$23(1)).	properly placed not to mix with existing natural water
		Liability of cleanup costs after closure/ abandonment of an activity (\$23(2)).	flows, during construction and operation of the project
		Protection from surface and underground water pollution.	
Land Use	The Katima Mulilo Town Planning Scheme	To enable the comprehensive management of all property and related public sector functions across a municipality.	

	That regulated the primary, consent and prohibition of land uses to promote land use compatibility and effective planning for sustainable development.	
Urban and Regional Planning Act (act 5 of 2018)	To consolidate the laws relating to urban and regional planning; to provide for a legal framework for spatial planning in Namibia; to provide for principles and standards of spatial planning;	
	To provide for the preparation, approval, review and amendment of zoning schemes;	

Provisions that have emerged as being of particular significance, owing to the nature of associated impacts, include those pertaining to water (protection of surface and ground sources) vegetation (protection of plant species) public health (prevention of nuisances, like air pollution, caused to citizens) and traffic (regulations pertaining to proclaimed roads)

4 RECEIVING ENVIRONMENT

Assessment of the potential environmental impacts can only be well understood if the existing conditions of the environment are known on both biophysical and social aspects.

4.1 The biophysical environment

In this Section, there is a description of the project area on both living and non-living organisms, and description of how they relate to each other in terms of climatic, water, and soil as well as vegetation factors.

4.1.1 Climate

The annual temperature Katima Mulilo is 21 °C (Mendelsohn, et al., 2009). The average maximum temperature during the hottest month (September) is 35 °C; the average minimum temperature during the coldest month (July) is 3 °C. In the most humid month (February) the humidity is 80-90%, and only 10-20% in the least humid month (September). The average rainfall is approximately 700 millimeters (mm), the highest in Namibia. Most of the rains fall between November and March. The monthly rainfall of Katima Mulilo in 2014 and 2015 shown in the figure below.

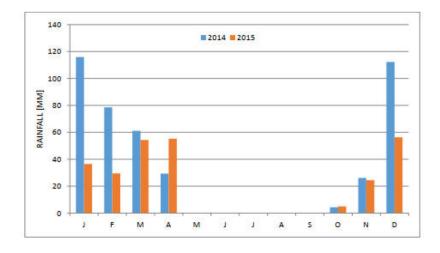


Figure 3: Monthly rainfall in 2014 and 2015 in Katima Mulilo

Source of data: https://en.climatedata.org/africa/namibia/katima-mulilo-32346/).

4.1.2 Soil and the geographical location

The soil of the northeastern Namibia is dominated by deep Kalahari sediments and Namib sand that mostly occur in the formation of sands and other sedimentary materials, while the soft clay sodic sands dominate in the riverbeds (Mendelssohn, 2002).

4.1.3 Hydrology and Hydrogeology

The hydrology of the Zambezi region is highly dynamic. The bedrock underlying the basin filled with Kalahari Group deposits consist of basal rocks of the Damara Sequence, followed by the Karoo Sequence sediments, overlain, and intruded by volcanics of Karoo age. The groundwater in the area is found in shallow discontinuous aquifers (Perched Aquifers), (Ministry of Water Agriculture and Forestry, 2011).

4.1.4 Vegetation

The Zambezi Region falls within the Kalahari Basin, which covers most of the northern and eastern parts of Namibia right across the Namibian border into Angola. Katima Mulilo town is located on the right bank of the Zambezi River. The natural vegetation comprises the Zambezi Riparian Forest. Indigenous wild trees include among many others, false mopane, Silver Cluster-leaf, Jackal Berry, Mopane, Sycamore fig, African Teak and Kiaat species (Mendelson et al, 2009).

4.2 Social environment

The proposed development is in the Katima Mulilo town, Zambezi region. According to the Namibian housing and population census (2011), the Katima Mulilo Town has a population of 28,362 inhabitants.

4.2.1 Heritage (Archeology)

The Zambezi River is a respected site of the local community and its neighbors. This river is a preserved place that serve many communities with various natural resources for survival.

4.2.2 Population and growth

The Katima Mulilo Town has a population of 28 362 (Namibian housing and population census, 2011). Population has been growing, due to high growth rate there is a high percentage of young people. The towns' population is growing at an annual rate of 2.2 percent between 2001 and 2011.

4.2.3 Livelihood strategies and land use

Katima Mulilo is situated in Zambezi region; the local inhabitants are Subia, Mafwe, Mbalangwe, Totela, Yeyi and Lozi, there are however minor number of other Namibian tribes and ethnic groups who live in Katima Mulilo. The population density of Zambezi region by the year 2011 was 6.2 persons per square kilometer. The town falls part of an international conservation area, namely, The Kavango-Zambezi Trans frontier Conservation Area (KAZA Trans frontier). Thus, wildlife conservation is one of the main land use and livelihood of communal areas surrounding the town. Within the town, the population depends on wages and salaries, business such as selling of fish and crafts. The two land uses mentioned above constitutes as one of the main land uses in the town of Katima Mulilo. The main sources of income are summarized in Table 2.

Table 2: Main Sources of Income expressed as a percentage (NPC, 2011)

Household main income in Elim Constituency	Percentage (%)
Farming	2
Wages & Salaries	57
Cash remittance	8
Business, non-farming	28
Pension	3

The structures around the project site are mostly commercial concrete structures, and corrugated iron structures can also be found around the project area.

4.2.5 The economic environment

Katima Mulilo is the regional capital of Zambezi region, and it is growing on a fast pace in terms of development. Being a regional capital, it offers all vital economic services and caters for other towns on the northern eastern parts of Namibia. The most important services of government administration offices are found in Katima Mulilo, which attracted a lot of economic institutions and businesses. In relation to the proposed project, the town has tertiary institutions such vocational school.

5 PUBLIC CONSULTATION

Public participation forms part of a very essential element of the Environmental Impact Assessment process. Potential Interested and Affected Parties (I&AP) were invited to raise their comments and concerns to the Environmental Assessment Practitioner to ensure that a thorough public participation was done before the proposed project.

The following is a list of key stakeholders that were identified for this project. Their contact details were added to a stakeholders list (Appendix C):

- General public, Neighboring properties and households,
- Representatives from various state-owned enterprises (including NamPower, NamWater, and Roads Authority),
- Representatives from the Local Authority and Regional Council,
- Representatives from various national government ministries (including MME, MEFT, MAWLR, MURD, MOEAC)
- NORED

5.1 Public notifications

The EIA process of the project was advertised in three different local newspapers, namely The Namibian, Windhoek Observer and New Era newspaper. In the advertisements a brief description of the EIA process was given, and information about the proposed project was specified, and at the same time, the public was invited to express if there is a need for an in-depth clarification through a public meeting (Annexure C).

Several public notices were placed at different areas, namely an A2 size placed on the proposed project site, The Town Council Notice Board and Regional Council's Notice Board.

5.2 Public meeting

None of the interested and affected parties responded to the public notification or invitation to attend the public meeting, thus no public meeting was held.

5.3 Background Information Document (BID)

The background information document was compiled and distributed, and no objection or issues were raised.

6 ENVIRONMENTAL IMPACT IDENTIFICATION

In this section, the possible environmental impacts anticipated during the planning, construction and operation of the garage are identified. Furthermore, possible environmental conflicts will be identified and mitigation measures for the proposed land use and operation of the garage will be put in place in relation to existing policies and legal instruments in place.

6.1 Planning and Design Phase

The planning and design phase is the most significant stage of any development because it is the first step that determines how the entire project will affect the environment.

In the planning and design phase, it is very important to place facilities based on their land compatibility. Facilities such as car wash bays and workshops must be placed in such a way that they relate to each other and be placed in such a way that they do not spill or contaminate potential aquifers, the river and its tributaries. Smell from the sewerage system may cause serious problems to human health if not properly designed. Parking bay should also be provided at the garage to avoid congestion of traffic during pick up and dropping off vehicles.

6.1.1 Materials to be used for construction

Attention must be paid to the type of materials to be used for construction of all the facilities at the proposed garage. Quality materials must be used and well placed so that they do not leak into the natural flows of water. Special attention must be paid to the car wash, which must be well constructed with proper materials so that the wastewater does not leak to contaminate groundwater or runoff into the street of the town.

Furthermore, care needs to be given on the types of construction and flooring materials to be used. The types of materials to be used should not be hazardous, so that they do not pose any risk to the environment. Materials like metal pipes must be avoided and use polythene and other environments friendly materials.

The prevailing wind direction must be considered so that activities such as painting and repainting vehicles cannot be placed on direction that will cause nuisance to the people who will be working, present or alongside at this facility. The construction should further be well finished to avoid cracks and other openings that may invite venomous animals and insects.

6.1.2 Visual impacts

The Erf 568 Extension 2 Katima Mulilo is situated on the main B8 road, it is therefore important to put up structures that are visually attractive.

6.1.3 Employees safety issues

Any place that will have many people gathered at one place poses an increased risk of health-related matters. The different edges of sharp pointing finishing on infrastructures should be smoothened to avoid injuries.

Buildings must have emergency exit points and enough ventilation, the fire extinguishers and fire hydrants must be installed on the facility. The area is further situated close to the busy B8 road, therefore concrete barricades must be raised on the side of the garage bordering the road. Furthermore, a high fence should be built to exclude the outside intruders; a control room must be set up, and if possible, surveillance cameras can be installed to always monitor the intruders.

6.1.4 Protection against natural disasters

The area has not been identified as a high risk of natural disasters, but the infrastructure's DPC floor level needs to be raised to a safe reasonable height, and low laying areas needs to be filled with sand to ensure safety from flood. Other natural disasters like earthquake have never occurred in the area, but it is always advisable to design the buildings based on the worst-case scenario, in case they occur.

6.2 Construction Phase

The main concern that is raised during construction is the disturbance of the immediate environment and the biodiversity living in that area. There are also social and economic impacts, pollution and nuisance that may be created because of construction. Construction only takes place for a certain timeframe; therefore, some impacts are temporal, however if not properly mitigated, their effect may become permanent. The table below contains the impacts with the summary and mitigation measures thereof.

Table 3: Summary of impacts and their mitigation measures during construction phase

TYPE OF IMPACT	SUMMARY OF IMPACT	MITIGATION MEASURE
Biodiversity	This is a high populated town with rich biodiversity, including woody plants species and wildlife. Clearance of vegetation for site establishment and preparation will amount to land degradation, which can cause destruction of habitants that have been residing in that area.	The only biodiversity that should be cleared are those that are situated in areas to be developed, biodiversity that are situated in open spaces should be accommodated and left alone, and no animal should be killed.
soil	Construction is mostly associated with digging of deep trenches and compaction of soil, which may be very serious acts during the rainy season. Compacted soil makes it difficult for plants to grow as the roots finds it difficult to penetrate the compacted soil and if not compacted well, it leads to soil erosion. Furthermore, oil spill from machineries may cause serious damage to the soil.	To limit the number of heavy equipment on site to only those that needs to be used at that point in time. To only compact on areas that needs compaction and if possible, to only compact during dry seasons and to make sure the heavy machines used during construction are properly fixed but not spilling oil.

Water sources (underground and surface)	Solid waste and wastewater generated by employees on site during, oil spillage and other pollutants that may be directly or indirectly be released on the ground.	All waste to be contained not to penetrate to either surface or groundwater and be collected and disposed to designated areas. Leaking vehicles to be fixed and routine inspection for possible leaking to be done on machineries on site. And no littering of solid waste is allowed. Workshop floor to be properly covered to avoid leakage and contamination of groundwater.
Sanitation for Workers	The workers to be situated on site needs proper sanitation facilities, because in the absence of sanitation they are likely to pollute the environment with waste, which will pose serious hazardous to the local inhabitants, neighborhood, and community.	There is a need to set up sanitation and ablution facilities on site to ensure hygiene, during construction phase.
Traffic	Construction of the site will be associated with construction vehicles both light and heavy-duty machineries moving in and out of the site, this will affect the traffic flow of vehicles on highways around the site, and may cause accidents.	Construction vehicles should be marked with danger tape and reflectors to ensure visibility from the distance. Clear sign boards should also be displaced on both sides of the roads to warn all the road users about the construction site and vehicles. Peak traffic hours may be avoided (06h00-08h00 and 16:30-18:30) to minimize traffic congestion on public roads.
Noise	There will be noise pollution because of the heavy machineries being used on site, and operation activities such as drilling, metal cutting, which will disturb the neighboring properties	Work to be restricted to normal working hours and weekdays and reserve the rest of the hours to allow neighbors to rest from the noise.

Visual	Visual bad images will be created during construction, as the natural beauty is changed.	Building designs needs to be aesthetic and sustainable development should be promoted.
Pollution	Construction is likely to produce a lot of wastes such as building rubles and leftovers from different construction materials. Air pollution will be created by moving vehicles, excavators, and other heavy-duty machineries which will emit and create dust in the air around the construction site and the neighboring community	All rubles and waste should be collected and disposed of at designated waste disposals to avoid pollution and nuisance around the site. The site area to be watered with recycled water to avoid emission of dust in the air, and construction vehicles to be properly covered to avoid building rubbles from falling and dirtying the roads. Furthermore, the access road to be used must be cleaned up from time to time.
Occupational Health and Safety	The project area will have machineries for different construction purposes; hence it will have a high risk in terms of health and safety for both the employees that will be residing or working on the site and the surrounding communities on both human and animals.	The project area should properly be fenced off and workers must wear full protection gears (PPE) with dust masks to minimize the health risks of employees. Training must be offered both in relation to the job and to offer first aid, subsequently ensure that first aid kits availability onsite.
Employment Opportunity	There will be employment creation from the construction of the project, and it is expected to be beneficial for the local community.	The local community must benefit from the project, especially on jobs that do not require skills, this promotes local economy and empowerment of the local community.

6.3 Operational Phase

Operational of a garage can have negative impacts on the environment, therefore daily operational activities of the garage must be monitored to avoid negative impacts. Furthermore, there are positive social and economic benefits for the residents of the local area, region, and nation at large.

6.3.1 Impact on Groundwater

As explained in the previous section, the construction materials to be used need to be environmentally friendly to prevent contamination of both surface and groundwater. Therefore, during the stage of operation of the garage, continuous care and maintenance of materials used for construction must be carried out to prevent leakage and contamination of groundwater, or contamination of fresh groundwater with the sewer water from the ablution facilities or pipes. The garage must only dispose waste at designated dumping sites to avoid everlasting negative impact on the environment.

6.3.2 Economic Development and Job Employment

The operation of the garage will have a positive impact on the immediate community, regional and nation at large. There will be job opportunities to be created. The garage management is expected to at least employ people from the surrounding communities, especially at entry level positions that do not require special skills. The types of jobs expected to be created include the mechanics, salespersons, car painters, car wash persons, manager, administrator, and accountants.

It is further advised that Affirmative Action Employment Act 29 of 1998 should be followed when recruiting.

6.3.3 Land use

The land use impact of the garage buildings can be both positive and negative. The negative impact includes noise pollution which is associated with operating on vehicles. Furthermore, site developments usually attract illegal dumping and littering which will pose risk to the safety of the residents.

6.3.4 Traffic impacts

The operation of the garage will result in increased traffic along all the roads within the vicinity of the garage. The road users and community will experience more traffic flows and congestion during operation hours, and this is a negative impact for the surrounding community. Therefore, traffic needs to be addressed by constructing a proper access road to the garage as well as enough parking space.

6.3.5 Noise

During operational hours, there will be noise pollution, thus it will be a nuisance and disturbance to the neighboring residents. Hence operation should be limited to normal working hours.

6.3.6 Pressure on resources

The demand and use of resources is expected to increase during the operation of the garage. Resources like water, electricity, sewer, solid waste, road maintenance, traffic control is expected to increase. Provision for water and electricity supply should be in accordance with the regional demand management plans.

6.3.7 Safety from intruders

The safety of the residents in the garage is very important, and there is always a possibility for the intruder's threat. It is therefore important for a boundary wall or a high fence with razor wires and other security measures to be erected around the garage. In addition, a guardhouse must be built at the entrance of the garage to control who is entering and exiting the garage. If possible, surveillance cameras can also be installed at certain crucial areas and can be connected to the control room or guard house who can then monitor the garage from the entrance position.

6.3.8 Indoor safety issues public health

The world is full of many diseases, it is therefore important that prevention measures are put in place to prevent communicable diseases. In addition to HIV/AIDS, there is also Measles, Hepatitis A, Flu, Chicken Pox, Malaria and Lice.

Prevention Measures include the general hygiene at the garage premises. The number of vehicles to be parked at the garage for long periods of time should be minimized to avoid overcrowding of facilities and unmanageable situations. Moreover, it is important to ensure that the First aid kits and first aid education is offered to personnel. General education must also be offered in relation to other diseases like HIV/AIDS and other sexually transmitted diseases.

6.3.9 Safety form car accidents

The Garage is situated along the busy B8 road, therefore the risk of car accidents for the employees around the garage cannot be ignored. Thus, speed bumps and zebra crossings should be applied from the relevant authority.

6.3.10 Safety in Workshops

Workshop areas always require specific health and safety protection gears, compared to other facilities. In the mechanical and vehicle repairing workshops, protection clothing like overalls, gloves, and safety boots are compulsory because employees are exposed to machineries, sharp tools, heavy materials, electric wires, etc. which are all dangerous if not handled with care.

Additionally, in painting and repainting workshops, employees are exposed to dangerous chemicals, therefore, gloves, and appropriate masks must be worn by all at present as they handle chemicals and inhaling of gases can be hazardous.

7.1 Description of scales to be used

The identification of potential impact for this project and the scoping process has impacts that are identified during its planning and operation phase, and each issue is examined. Four rating scales will be used to evaluate the impacts of the proposed development. The rating scales include the extent, duration, intensity, probability, and significance of the possible impact on the environment. The table below indicates the rating scales.

Table 4: The rating scales used to evaluate the impacts of the proposed development.

DESCRIPTION					
EXTENT	National (4) The whole country	Regional (3) Zambezi Region and neighboring regions	Local (2) Within a radius of 2 km of the proposed site	Site (1) Within the proposed site	
DURATION	Permanent (4) Mitigation either by men or natural process will not occur in such a way or in such a time span that the impact can be considered transient.	Long-term (3) The impact will continue/last for the entire operational life of the development but will be mitigated by direct human action or by natural processes thereafter.	Medium-term (2) The impact will last for the period of the construction phase, where after it will be entirely negated.	Short-term (1) The impact will either disappear with mitigation or will be mitigated through natural process in a span shorter than the construction phase.	
INTENSITY	Very High (4) Natural, cultural, and social functions and processes are altered to extent that they	High (3) Natural, cultural, and social functions and processes are altered to extent that they	Moderate (2) Affected environment is altered, but natural, cultural and social functions and	Low (1) Impact affects the environment in such a way that natural, cultural and social functions and	

	permanently	temporarily	processes	processes are not			
	cease.	cease.	continue albeit	affected.			
			in a modified				
			way.				
PROBABILITY	Definite (4)	Highly Probable	Possible (2)	Improbable (1)			
	Impact will	(3)	The impact may	Likelihood of the			
	certainly occur	Most likely that	occur	impact			
		the impact will		materializing is very			
		occur		low			
	Is determined through a mixture of impact characteristics. Which is an						
	indication of the importance of the impact in terms of physical extent and						
	time scale, and therefore indicates the level of mitigation required. The total						
	number of points scored for each impact indicates the level of significance						
	of the impact.						

The below table indicates the definition of each of the criteria used to determine the significance of the impacts of the proposed development.

Table 5: Definitions of each of the Criteria used to determine the significance of impacts.

Significance	Criteria
Rating	
Low	Where the impact will have a slight influence on the environment
	and no modifications or non-permanent significance of impact.
Medium	Where the impact could have an influence on the environment,
	and needs modification and certain design of the development to
	mitigate the possible impacts. It is usually allocated to impacts that
	are of moderate magnitude, locally to regionally, and in the short
	term.
High	Where the impact could have a significant influence on the
	environment and, it is allocated to impacts of high magnitude,
	locally for longer than a month, and/or of high magnitude regionally
	and beyond. Intensive remediation is needed during construction
	and/or operational phases. Any activity which results in a "very high
	impact" is likely to be a fatal flaw.
Status	Means the alleged effect of the impact on the affected area
Positive (+)	Favorable impact
Negative (-)	Harmful impact
Neutral (/)	Impact is neither beneficial nor harmful

7.2 Assessment of impacts

All impacts included in the Table 6 below fall within the scope of this project. By subjecting each of the potential impacts to the criteria stipulated above, it is possible to establish the significance of each. A brief description of the mitigation measures is mentioned in Table 6 below, but detailed descriptions of management actions are contained in the EMP (Annexure F).

Impacts with a "high" significance rating (which includes those requiring additional investigation) are discussed at the end of this section. The process of assessing the significance of each of the possible impacts is contained in Table 6.

Table 6: Risk Assessment planning and design phase

Type of Impact	Potential Impact	Extent	Duration	Intensity	Probability	Significance/ Mitigation
Bio-Physical	Use of poor Materials for construction	Local	Short-term	Moderate	Possible	Significant
	Failure to design visually attractive infrastructures	Site	Permanent	Low	Possible	Insignificant
	Safety of employees	Site	Short term	Low	Improbable	Insignificant
	Failure to plan against n natural disasters	Local	(Unknown)	High	Improbable	Insignificant

Table 7: Risk assessment construction phase

Type of Impact	Potential Impact	Extent	Duration	Intensity	Probability	Significance / Mitigation
Biodiversity	Clearing of vegetation garage and access road leads to Habitant destruction	Local	Permanent	Moderate	Definite	Significant
	Human- animal conflict	Local	Permanent	High	Definite	Significant

Soil	Impact on soil (compaction, excavation, Contaminati on and erosion)	Site	Medium- term	Moderate	Possible	Insignificant
Water sources	Pollution of groundwater and Surface Water (River and its tributaries)	Local	Long Term	Moderate	Possible	Significant
Sanitation for Workers	Failure to build toilet facilities for employees	Site	Short-term	Low	Improbable	Insignificant
Traffic	Traffic congestion due to construction vehicles	Site	Short-term	Low	Possible	Insignificant
Noise	Increased noise due to construction	Site	Short-term	Low	Improbable	Insignificant
Visual	Visual intrusion due to waste generated during construction	Site	Short-term	Low	Possible	Insignificant
Pollution	Increase in dust and air pollution as a result of construction vehicles	Site	Short-term	Low	Possible	Insignificant
Occupationa I health and safety	Increased risk for employees to contract diseases such as HIV/AIDS and Malaria	Local	Long term	Low	Possible	Significant
Employment Opportunity	Creation of employment for the local residents	Local	Long term	Low	Highly- Probable	Significant

Table 8: Risk assessment during operational phase

Type of Impact	Potential Impact	Extent	Duration	Intensity	Probability	Significance / Mitigation
Water	Pollution of	Local	Long	Moderate	Possible	Significant
sources	groundwater		term			
	from leakages					
Waste	Waste	Site	Short-	moderate	Definite	Significant
	generation		term			
Employmen	Employment	National	Long-	moderate	Highly	Significant
t	creation		term		probable	
Traffic	Traffic		Short-	Low	Possible	Insignificant
	Congestion	Site	term			
Noise	Noise made	Site	Short-	Low	Possible	Insignificant
	vehicles and		term			
	machinery					
Pressure on	Increased	Site	Long	low	Definite	Significant
resources	demand on		Term			
	electricity,					
	water,					
	sanitation)					
Safety	Safety from	Site	Long	Low	Possible	Significant
	intruders		term			
	Indoor safety	Site	Long-	Low	Possible	Significant
	issues		term			
	Human-animal	Local	Long	moderate	Definite	Significant
	conflict		term			
Public	risk for to	Local	Long-	moderate	Possible	Significant
Health	contract diseases such		term			
	as HIV/AIDS &					
	Malaria					

7.3 Discussion

After screened all potential footprints in this chapter the following impacts needs to be noted:

7.3.1 Use of poor Materials for construction

The use of poor materials to construct will result in oil and waste leakage from sewer networks and workshop. Non-corrosive environmental friendly materials like pvc pipes should be used. Quality materials must be used and must be

properly connected to prevent leakage into the natural flows of water. Special attention must be paid to the workshop and car wash, which must be well constructed to prevent wastewater from contaminating groundwater or runoff in the streets.

Materials like metal pipes underground must be avoided and use polythene and other environments friendly materials.

7.3.2 Creation of employment for the local residents

It is expected for the garage to create employment and impact the local community positively both socially and economically at all phases of the project. It is recommended for entry level positions to be dedicated to the local community, so they can benefit from investment in their community at all phases of the project.

7.3.3 Risk for to contract diseases

Development projects attracts personnel from different areas with different cultural norms and believes and different educational backgrounds. It is important that employees in all phases of the project be educated about the diseases (HIV/AIDS, COVID 19, and other communicable diseases).

It is also worth noting that Katima Mulilo is high risk zone for malaria due to its proximity of the river and vegetation around it, hence education on the prevention measures must be intensified for awareness to everyone involved in the project.

7.3.4 Human and animal conflict

Katima Mulilo is located at the banks of the Zambezi River, and fatalities have been reported due to animals like crocodiles. Education must be offered to employees at all phases of construction to urge or alert employees on safety between themselves and animals.

8.1 Conclusions

The main aim of the scoping phase of the environmental impact assessment study is to outline and determine if there is a need to conduct any specialist study. However, in this case, it is believed that the objectives have been achieved and satisfactorily acknowledged in the scoping report. The possible environmental impacts have been assessed and mitigation measures have been articulated to encounter legislative requirements, hence applying this project will have little considerable harmful impacts to the environment.

The development of the garage together with its infrastructures does not pose serious environmental impacts to the environment, on a condition that all mitigation measures stated in this report and in the EMP are properly implemented.

It is anticipated that, all the information that is obtained from the assessments of the environmental assessment practitioner which were used to compile this document are correct by the time they were provided. There has been no objection received from any I&AP regarding this project.

The proponent will adhere to the recommendations and mitigations measures contained in this report and in the EMP here attached.

8.2 EAP recommendations

It is recommended that this Scoping Report to be accepted by the Environmental Commissioner and issue an Environmental Clearance Certificate, provided that the EMP is implemented.

9 REFERENCES

Mendelsohn, J., Jarvis, A., Roberts, C., & Robertson, T. 2009. Atlas of Namibia: A Portrait of the Land and its People. 3rd ed. Cape Town: Sunbird Publishers.

Namibia Statistics Agency. 2014. 2011 Population and Housing Census Zambezi Regional Profile. NSA, Windhoek, Namibia.

Mendelsohn, J., Jarvis, A., Roberts, C. & Robertson, T., 2009. Atlas of Namibia. 3rd ed. Cape Town: Sunbird Publishers.

National Planning Commission, 2012. *Namibia 2011 Population and Housing Census Preliminary Results*, Windhoek: National Planning Commission.

Nikolas S. Ndeikonghola P. O. Box 460 Outapi, Cell 0813077370

Curriculum Vitae

Personal information

First name(s) / Surname Nikolas Ndeikonghola

Residential Address Extension 16, Ondangwa, Namibia

Mobile +26481 307 7370

E-mail nndeikonghola@yahoo.com

Nationality Namibian

Education and training

Institution: University of South Africa

Qualification obtained Bachelor of Arts in Environmental Management (October 2020)

Institution: The Polytechnic of Namibia

Qualification obtained National Diploma in Land Management and Registration (April 2013)

Main subject covered See attached Academic Record

Secondary School Ruacana High School

Qualification obtained Namibia Senior Secondary Certificate (Grade 12, NSSC)

Other Certifications Namibia Estate Agents Board (NEAB) -Estate Agents Certificate

Namibia Statistic Agency-Geospatial Data User /Producer Basic Open Source GIS

Prokon Software Consultants – Autodesk AutoCAD Essentials 2018

Glory HAH Training Enterprises & Consultancy- Organizational Supervision and

Leadership Management Certificate

Computer skills and competences: ArcGIS, Quantum GIS, GeoMedia Professional, AutoCAD, Microsoft Office package

Environmental Projects Executed

No.	Project Details
1	October 2022 - Application for Renewal of the Environmental Clearance Certificate and Review of
	the Environmental Management Plan for a 7.2 MW Solar Plant in Ondangwa B Village, Ondangwa
	area, Oshana Region
	Contact: Osho Itope, 085 248 2288
2	April 2022 - Environmental Impact Assessments of the Dr. Frans Aupa Indongo Private College in
	Ekanda Village, Elim Constituency, Omusati Region
	P Nakangombe, p.nakangombe@yahoo.com
3	March 2021- Facilitated EIA process as a proponent for Township Establishment for Onantsi
	Extension 1, Ondangwa.
	Stubenraunch Planning Consultants Contact Pombili lipumbu, 0816081038
4	January 2021 - Environmental and Social Management Plan for the erection and replacement of
	the Road Signs in the Oshakati Region (Rundu and Katima Mulilo Area) for the Roads Authority of
	Namibia
	Mind Power Investments cc, Contact J. Kornelius mindpowerinvestments@gmail.com
5	April 2018 – Drafted an Environmental and Social Management Plan for Mind Power Investments Coil
	Processing Plant for a Parcel of Land Situated in Onethindi village, Oniipa Townland.
	Mind Power Investments cc, Contact J. Kornelius mindpowerinvestments@gmail.com
6	July 2017- Representative of Ondangwa Town Council (the Proponent) in the EIA process for
	NAMCOR fuel Deport on Erf 4873 and 4874 in Extension 21, Ondangwa.
	Quivertree Consulting Contact: Svenja Gerard 0813373943

ANNEXURE A

Nikolas S. Ndeikonghola P. O. Box 460 Outapi, Cell 0813077370

Name of employer Envirofficient Consultants cc

Dates January 2018 - Present

Job Tittle Environmental Assessment Practitioner

Main responsibilities Project management

Cary out environmental impact assessments

Name of employer Ondangwa Town Council

Dates 1 April 2016 – May 2023 Job Title Town Planning Officer

Name of employer: Ministry of Land Reform (Communal Land Rights Registration Project CLRR)

Dates: 12 August 2013 – 31 March 2016

Job Title: Administration Officer/ Outdoor Officer

Main responsibilities: Demarcation of CLR in communal areas with Aerial images and GPS devices.

Capture, process and manage spatial and attribute data for registration of communal land

rights in NCLAS deeds and GIS cadaster

Name of Employer City of Windhoek, Community Development Division, Settlement Section

Dates March 2012 – March 2013

Job Title Community Development Officer (internship)

Main responsibilities: Urban planning and layout drafting in AutoCAD software

Name of Employer Geo-Business Solutions

Dates August 2010
Job Title GIS Technician

Main responsibilities Updating Namibia's Meat Company (MEATCO) farm GIS Database

Drafting of activity report

References

1 Mr. Petrus Shipanga

Senior Manager: Infrastructure, Property, Town Planning and Technical Services

Ondangwa Town Council Private Bag 2032, Ondangwa

Tell +264 65 24 0101, Cell +264 81 124 7530 Email: pshipanga@ondangwatc.org.na

2 Dr. Lukas Matati Josua

Project Head

DR. Frans Aupa Indongo Private College

Cell; +264-81 272 1826 Email: mjosua@gmail.com

BACKGROUND INFORMATION DOCUMENT

ENVIRONMENTAL IMPACT ASSESSMENT FOR REZONING ERF 568 EXTENSION 2, KATIMA MULILO, ZAMBEZI REGION FROM "PUBLIC OPEN SPACE" TO "INDUSTIAL"

July 2023

Prepared For:

Wanxi Investment cc

PO Box 98546

Windhoek

wenxi5211@qq.com

Prepared By:

Envirofficient Consultants cc

PO Box 460

Outapi

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Cell: +26481 307 7370



1. THE PURPOSE OF THIS DOCUMENT

The purpose of this Background Information Document (BID) is to provide an overview of the Environmental Impact Assessment (EIA) process for the proposed Rezoning of Erf 568 Extension 2, Katima Mulilo, Zambezi Region. To ensure that Interested and Affected Parties (I&APs) understand the EIA process and partake in the EIA process by Indicating their environmental, social and economic viewpoints, issues and/or concerns regarding the proposed development.

The EIA is guided by the Environmental Impact (EIA) Regulations: Environmental Management Act, 2007 (Referred to as the EIA Regulations hereafter), the public consultation process entails newspaper adverts, site notices and distribution of the BID. This BID contains the following information.

- a) Background Information
- b) Project location
- c) Project description
- d) The Environmental Assessment Processes
- e) Guidelines for stakeholder participation in the EIA process.

2. BACKGROUND INFORMATION

Wanxi Investment cc hereinafter referred to as the proponent appointed Envirofficient Consultants cc to conduct an Environmental Impact Assessment for rezoning of Erf 568 Extension 2, Katima Mulilo, Zambezi Region.

The proponent was allocated Erf 568, Extension 2 by the Katima Mulilo Town Council and they needs to rezone this erf from "public open space" to "industrial" land use so that they can develop and operate a motor vehicle repair garage. They have appointed TOYA Urban Planning Consultants cc to facilitate the rezoning process.

The Environmental Impact Assessment (EIA) study was commissioned to fulfill the requirements of the Environmental Management Act (Act. No.07 of 2007) and its Regulations of February 2012. The main aim of the study is to investigate the environmental and socioeconomic impacts associated with the proposed development. The study is conducted in a multi-disciplinary approach and in a consultative manner. An environmental assessment will therefore be undertaken to determine the potential impacts.



3. PROJECT LOCATION

The proponent was allocated Erf 568, Extension 2 along the main B8 road into Katima Mulilo between NATIS and Petrosol Service Station. Erf 568 is situated at -17.514631S, 24.268713E. The below figure gives an indication of the area of interest.



FIGURE 1: LOCALITY MAP OF THE AREA TO BE DEVELOPED



4. PROJECT DESCRIPTION

The proponent has appointed Envirofficient Consultants cc to apply for ECC and draft EMP to be used during the operations of the facility. Erf 568 Ext 2 is 20,397.22 m² in extent.

The proposed garage will be offering the following services:

- Mechanical fault finding,
- Sale of spare parts,
- Repair of vehicles
- Servicing of vehicles
- Panel beatings
- Painting and repainting
- Car wash bay for repaired vehicles
- Wheel alignment
- And related activities

4.1 The need and desirability of the development

The manufacturing and industrialization sector in Namibia is in a primitive state, informal and limited. This results in shortage of most industrial services in the country, especially in small towns and rural areas (National Planning Commission 2017).

Most professional mechanical services are mostly currently centralized in big cities, regardless the increase in the number of motor vehicles in Namibia and other parts of the modern world today. There are currently a few professional motor vehicle repair centers in Katima Mulilo compared to the number of vehicles in town, the neighboring rural areas, and neighboring countries close to Katima Mulilo. The establishment off a garage in addition to the existing ones will be an improved service provision to the residents, and a positive investment for the Katima Mulilo Town.

4.2 Access Provision

Erf 568 Extension 2 Katima Mulilo is directly situated in the main B8 road network serving the Katima Mulilo Town, hence the accessibility will be from the B8 road.

4.3 Water, Sanitation & Electricity (services)

The area is already serviced and connected to Katima Mulilo municipal to water, sanitation services, while electricity services will be supplied by Northern Regional Electricity Distributors (NORED),



5 THE ENVIRONMENTAL BASELINE

5.1 Fauna and Flora

The Zambezi Region falls within the Kalahari Basin, which covers most of the northern and eastern parts of Namibia right across the Namibian border into Angola. Trees such as African Teak, Jackal Bery, Jacaranda, Burkea-kiat Mopane and a variety of other trees are characteristic of this zone (Twenty Namibian Trees, 2011).

5.2 Geology and soils

The soil of the northeastern Namibia is dominated by deep Kalahari sediments and Namib sand that mostly occur in the formation of sands and other sedimentary materials, while the soft clay sodic sands dominate in the riverbeds (Mendelssohn, 2002).

5.3 Hydrology and Hydrogeology

The bedrock underlying the basin filled with Kalahari Group deposits consist of basal rocks of the Damara Sequence, followed by the Karoo Sequence sediments, overlain and intruded by volcanics of Karoo age. The groundwater in the area is found in shallow discontinuous aquifers (Perched Aquifers), (Ministry of Water Agriculture and Forestry, 2011).

5.4 Social Environment

According to the Namibian housing and population census (2011), the Katima Mulilo Town has a population of 28,362 inhabitants.

6 ENVIRONMENTAL ASSESSMENT PROCESS

- Establishing environmental risks of the intended project
- Establishing mitigation protocol
- Preparing the draft Environmental Assessment Report (EAR) and Environmental Management Plan (EMP)
- Public reviewing of Draft EAR and EMP
- Preparing the final EAR & EMP and submitting to MEFT
- > Awaiting decision from Authorities
- Communicating decision to Interested & Affected Parties
- Availing opportunities to appeal.

7 POTENTIAL IMPACTS



The following potential impacts have been identified so far:

- > Traffic Impacts: the movement of construction material to and from site may cause additional traffic.
- ➤ **Disturbance:** the surrounding property owners and community members may be disturbed by the construction activities.
- Waste: During construction, waste may be generated on site which would have to be disposed of at an approved landfill site.
- > Generation of Dust: Dust generated from the machinery during construction activities.
- > Ground and surface water impacts: may be experienced during construction due to the use of machinery and chemicals to construct the roads and services infrastructure.
- **Employment Creation:** During construction temporary jobs may be created for the construction of the associated services.
- **Health and safety risks** which may result to workers operating on site.

More potential impacts of the proposed activity will be identified upon consultations with the public and further research on the area.

8 PUBLIC CONSULTATION

Public participation is important in the EIA process The Environmental Impact Assessment process involves interaction with people who are interested in, or who could be affected by the proposed development. The aim of this participatory opportunity is for I&APs to voice their opinions, suggestions and/or comments on this project. As part of this process communication will be sent out to various potential I&APs and Local Authority, Line Ministries in addition to the public notices to be placed in the newspapers, on the site and around the subject area to obtain comments on the proposed developments.

Public participation process gives you the opportunity to:

- Obtain information about the proposed project.
- Raise any environmental issues relating to the project.

How can you be involved?

- > By responding to the invitation advertised in the newspapers
- ➤ By registering as an I&AP, for your name to be added to our register list.

If you are interested or directly affected by this project, please register at the contact below by filling in the form provided on or before the **2**nd **August 2023**. All registered I&AP's will receive further information as the EIA process continues.



9 REGISTRATION AND COMMENTS

Participant Name:	Organization/Affiliations:
Position:	Telephone:
Fax:	E-Mail:
Area of Interest:	
I would like to hear more about the project: Yes / No	Are you a resident of the area: Yes / No
Postal Address:	
Comments/Suggestions and Questions:	

Please fill in particulars and return completed document to be registered as an Interested & Affected Parties (I&AP) to:

Envirofficient Consultants cc PO Box 460, Outapi

Email: envirofficient@gmail.com

Tel: +26481 307 7370



NOTICE FOR PUBLIC MEETING ENVIRONMENTAL IMPACT ASSESSMENT

Enviroficiant Consuteris or hereby gives notice to all pointerinly inforested and Atlacted Parties (I&APs) that an application will be made to the Environmental Controlationer in terms of the Environmental Management Act (No. 7 of 2007), and the Environmental Impact Assessment Regulations (SN 30 of 8 February 2012) for the following:

PROJECT DESCRIPTION Rezeating of Ert 568 Extension 2 Kallma Mutto from Public Open Space to Industrial and construct a parente

PROJECT LOCATION Eri 568 Extension 2 Kalima Mallio, Zambezi Region

PROPONENT: Wenzi Investments co

ENVIRONEMENTAL PRACTIONER: EnvironMiciani Consultents on

PROJECT DESCRIPTION:
The proponent intends to coverhuct and operate a mutor vehicle repair garage on Erf 566 Extension
2. Authina Multi, The proposed development require the recording of this Erf Item the current zone of
Public Digen Space te Indistriel land use, The subject area is along the 86 Road between Nalis and
Public Digen Space te Indistriel Isand use, The subject area is along the 86 Road between Nalis and
Public Digen Space te Indistriel Isand use, The subject area is along the 86 Road between Nalis and

REGISTRATION OF ILAP, AND SUBMISSION OF COMMENTS.
In line with Namibin's Environmental Marragement Act (No. 7 of 2007) and Eth regulations (CN. 20 of 5 February 2012), Members of the public are betterly invited register as Interested and Affected Parties (IsAP), All IsAPs are inserby invited to replater and submit their comments, concerns or questions, as well as obtain betterground information document (RDI) or withing vite Envite environficient@ggmail.com or Cell: <26481 3077 370 on or before Friday, 28 July 2023.

Based on the interest expressed by the public and stakeholders repairting the proposed project if will be determined if a public median is to be held, Shravid a public meeting be held all registered (BAPA will be Informed securitingly.



NOTICE OF ENVIRONMENTAL AND SOCIAL IMPACT ASSESSMENT AND PUBLIC PARTICIPATION PROCESS: THE KATIMA-NGOMA PHASE 3-4 AND THE RESERVOIR RURAL WATER SUPPLY SCHEMES IN THE ZAMBEZI REGION

All potential triancials and Affacial Mades (MAN); we beauty noticed in terms of the Environmental Variagement Act No. 7 of 2007 and is 2017 Configurately broad Assessment (EA) Regulations that are application for Environmental Cities and estimate will be implied to the Configuration of the Assessment Cities and Configuration of the Assessment Cities and Configuration of the Assessment Cities and Configuration Cities and Cities and Configuration Cities and Configuration Cities and Configuration Cities and Cit

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Project Localise: the Project on the Zerobon Region (the book), map is provided in the Beckground Methodon Document (RID) which can be provided appropriate.

To light the neuronals at othe Endouronal at Management Act (No. 7 of 2007), BLP Engineers and Environmental Consultation in seminal Interpretation Consultation unfeeded as Environmental Consultation unfeeded as Environmental Actions to Associate Associated (No. 10 to Proposed Associated Associat

Phase personal process: a make and affected partas are height public participation meetings will be help as indexes therefore participation meetings and those for a fear-tipe featible participation meeting and those for a featible participation with the Corporations and

Data and Time	Activity	Venum Piece
Olampiny, 19 July 2023; 10100	Public Corestative Moreny	Mygata Khuta
Aurelina, 10-July 2002; 14103	Public Consultation Meeting	Rigima Rhyta
Tuesday: 11.July 2003: 10100	Public Consultative Meeting	Kattle Ceretterray Office
Tuesday 11 July 2023 16400	Public Consultation Meeting	Luneau Krafa

The had play for engained on a SLAP and extending community, excepted and instance to the EBUA ISludy is Fillday, 28 July 2028

To registed of toquest for decorrects submit your dutable in whiting to the Environmental Consultant of offensavely hill the online from Jan. and connect nations are a

Vis Fredrika Bhagama and Mb Kriston Bhwayi

Telegrame: +254.51 352.572, March.: +254.61 749.0223 Doubletters obditioned by

do







NOTICE OF ENVIRONMENTAL AND SOCIAL IMPACT ASSESSMENT AND PUBLIC PARTICIPATION PROCESS: THE RUACANA SOUTH PHASE 1 AND THE RESERVOIR RURAL WATER SUPPLY SCHEMES IN THE OMUSATI REDION

Al policios plantigles and displays (1969; [Bal-1]) are fearby ordinal in lines of the Europeanism of the New 2 of 2007 and 6: 2012. Environmental Professional (Ball-1) (Regulative 2 bits in population in the Veroningsini) Charmons and the media in the Europeanism of the Infrared proposed development or this detailed to the Veroningsini Charmons and the media in the Europeanism (Andrea) (Aprilander) (Apr

Project Bescription Tim Ministry of April states. When and Land Risk on (UMWLET) is Counted to Strate Supply & Bankbon Coordination (Masses Supply) which is no biburing seep of the Company Hopping.

Person I see Substitute Strategies for defenders seeping and Strategies Strategies. Supply Strategies Anderson Strategies Francisco Strategies Strategies

Project Luctules: The Project is in Council Region the Scottyfours may a provided to the Sodiground information Doctment (SEI) (connected in

To half the requirements of the Environments 1 and (No, To) 20071, 0AP Progress and Provincian III and III

Public participation process: interested and affected parties are hareby matted that public participation meetings will be held or follows: therefore, or continuous public gas encouraged to attend the constitution meeting man from the interestedness standards measure with the Constitution, and confidently interested.

Date and Time	Activity	Venue Place	
Montay, 17 Jan v 2022 00-150	Full of Constances Consultative Meeting	RUNCHAL COMMITMUNCY OFFER IN OSHIFUS	
MANUAY, 17-JULY 2022, 14-60	FURLE / COMMUNEY CONSULTATIVE MESTING	District Values Growth Powers (Rusches Ownness T. Junction Ross)	
Tuescar, 18-3/4 4 2003 089-30	FUELS / CONSUMER CONSUSTATIVE SECTION	Description execution description Property	
Turstay, 18-Juny 2023, 14-00	PUBLIC / CONNAMITY CONSULTATIVE MEETING	Otomuté Vicinos Growth Poarts	
Wetnesday, 19 JAY 2073-05-00	PURIS / CONSENS CONSENSATOR SECTION	OURSANDS VILLAGE, CONSERVANCY HIS:	
Mineraly, 17-July 2002; 061-39	FUELE / CONSERUPY CONDUCTATIVE ARREYMO.	BLACKA CONTITUENCY OFFER IN OURSE	
Money, 17-July 2022; 14400	Fue a 7 Constantly Conductation Marriage	Otanio Valuas Onovini Poems (Ruschia Guarance T. Anchon Road)	

The half day for registration as leaf and submitting conservable conservation and between to the SSIA Shady is Friday, 25 July 1073

To register of theyead by documents subtraction details in writing to the Environmental Consustance subtraction of the condition promoted and accommendation of the condition of the co

Ms. Fredrica Shapama and Mt. Kristan Shwaye

Talephone +364 81 502 872 Unide 4264 61 749 923.1

Emailadoross: alaZ Jacksin de















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18 IMONDAY 10 JULY 2023 www.observer.com.na

CLASSIFIEDS

NOTICE FOR PUBLIC MEETING ENVIRONMENTAL IMPACT ASSESSMENT

Enwofilident Consulants or hereby gives notice to all polantially interested and Affected Parties (BAPs) that an application will be made in the Environmental Commissioner to learns of the Previonmental Management Act [No 7 of 2007) and the Environmental émpad. Assessment Regulations (CN 30 of 5 Patriary 2012) for the following:

PROJECT DESCRIPTION: Rezoning of Erf S88 Extension 2 Kalina Multio from Public Open Space to Industrial and construct a galage.

PROJECT LOCATION: Erl 566 Extension 2 Kalima Mul to, Zambezi Region

PROPONENT: Wenxi Investments oc

ENVIRONEMENTAL PRACTIONER: Enviroliticient Consultants co

PROJECT DESCRIPTION:
The proponent intends to construct and operatin a motor vehicle repair garage on Erf 568 Extension.
Z. Kastrian Making. The proposed development require the recorning of this Erf from the ourrors zone of Public Open Space to Industrial land use. The subject area is along the IBS Road between Natis and Public Open Space to Industrial land use. The subject area is along the IBS Road between Natis and Public Open Space to Industrial land use.

REGISTRATION OF IMAP, AND SUBMISSION OF COMMENTS.
In lay with Namiba's Environmental Maragement Act INto, 7 of 2007) and Eth regulations (GN 30 of 8 Fehrancy 2012), Members of the public were thereby invited register as Interested and Affected Packes (IASP), All IAAPs are hartely invited to register and submit their comments, concerns or quastions as evel as obtain baceground information document (RID) in writing vis Enual environments and provided the provided of the provided in the provi

Based on the interest expressed by the public and stakeholder regarding the proposed project it will be determined it a public meeting is to be held, Should a public meeting is to be held, Should a public meeting to the informed arccordingly,



NOTICE OF ENVIRONMENTAL AND SOCIAL IMPACT ASSESSMENT AND PUBLIC PARTICIPATION PROCESS: THE KATIMA-NGOMA PHASE 3-4 AND THE RESERVOIR RUITAL WATER SUPPLY SCHEMES IN THE ZAMBEZI REGION

As administrational and a Noval Entire, (ASA), for basicy color is storned in the Environmental principle (Asas) and (ASA) and

- Environmental Assaurce Pressures CEP Expense of Commental Constitution (Constitution Constitution Constitutio
 - abilitation with publishment.

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In hillite requirements of the benembered Wesspermit Act (vo., 7 of 2007), CAP Engineers and Enter Standal Consulation to tent of Independent Precompositi Consulation to problems on Transmission and Standard Import Assessment (CSNA) State, for the consulate which supply 19,001 and to outline Demonstration Exercise Confidence (Confidence on Page 19 or to the appropriation).

e de la company de la company

Date and Time	Action	Yenus/Tircs
Monday, 19 July 3822, 10400	Fullic Consultative Meeting	Mujetin filtula
Monday, 10 July 2023; 141-05	Public Cureulistive Meeting	Rigonia Khata
Tuesday, 11 July 2022, 101-00	Public Consultative Meeting	Kassa Constituency Office
Tucadey, 11 July 2023; 14h00	Public Consultative Meeting.	Luseue Krefa

The bus day for registration as IBAP and submitting community serverns and jumps in the ESIA Staty is fairley, 26 July 2023

in medaler er urquael ini documania arituri peu delala in aniveg iz Um Endouceatal Consultad er dizintatoria fil the orine jone contest delsi kajarn

and the Masters Proces

Tulupho te: + 264 61 302 672 Mulvie + 264 B1 749 0223









NOTICE OF ENVIRONMENTAL AND SOCIAL IMPACT ASSESSMENT AND PUBLIC PARTICIPATION PROCESS: THE RUACANA SOUTH PHASE 1 AND THE RESERVOIR RURAL WATER SUPPLY SCHEMES IN THE OMUSAT) REGION

Al porchait broaded and Analot Parks (MAP) are trained soften in term, at the Limitormental Anapparent And his 7 of 1993 and in 1992. Environmental human Maramonia (MB) possible of all of 1996, 2007 for Professional Address; call foolie will be more in this is winnermental Proposed for the Spland-up processe development of Analot Analo

Project Execution in A Michigan of Agroupher , Engineer on a series of Mental Confidence in Private Scanley A Servation Consideration of Mental Scanley A Servation Countries and Mental Scanley and A Servation Countries and Mental Servation in American Servation of Mental Servation in American Servation on American Servation of Mental Servation on American Servation on American Servation Servation of Servation Ser

To felt the regar aments of the Emission and Michiganism (Act (So, Tor 2017), IBEP Engineers and Environmental Consultants (International Independent Programment Independent International Independent International Independent International International

Public perforaging pages: Interested and Physical profes are hereby explored that public perforage minimum, will be half at Motter, Thorstone, fundation of La public are extendigued to star of the consultant meeting near them for a face to see interesting reports with the Committant, and which their consumers.

Date and Time	Activity	Verma/Fisce
Monthly, \$7,34,7 2023 09-50	PUBLIC / COMMANTY CONSIDERATION	PLACINA CONSTITUBIOS OFFICE (IN CIENTO)
MONNY, 17-July 2023, 18400	Public / COMMANTY CONSULTATING MEETING	Отагно Vassor (эпонти Рожга (Волский Финаласк Т. Динство Поно)
Tuesday, 18 Jay 2523: 88+35	Fusing / Countrienty Conductioner Mexico	OWIGH READWISH SHEW TH POINT
Turniay, 18.2A. 2023, 14400	Public / Constantly Constanting strategy	GYADRUTE VELASE GROWTH PORTS
WYCHESDAY, 19-JULY 2029 50-00	FUE & I COMMANDE COMMANDE METERS	Chinespeale Valence, Crowde Marriage Mal.
Marcay, 17 Jay 2022 09430	PUBLIC / CONSUMEY CONSUMENTAL METTING	RUNCHIA COMENTANCY OFFICE IN CONFO?
Missay, 17-Jay 2022; 16-00	FUEL COMMUNITY CONSIGNATION MEETING	Otanio Valade Gadanii Prans (Ruscaia Zwanade T Juscino Rigas)
Townson 52 55 a 5555 A2C-55	The state of the s	- Control of the Cont

The bad day for regulatedon as IBAP and submARing comments, converse and Justice in the CSAA Study is Pricely, 24 July 2920

Ms. Feethia Shagama and Ms. Kristan Shikeyo

home . +264 61 302 677, Million . +264 81 749 9222

Email address: #14 company or









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Officeconomic has exciting opportunities for self-driven condidates to embark on a naneur with lots of putential, it will be expected from successful applicants to gonerate and sustain business, offering turn-key solutions. In this role, you must establish and build inlationships with multiple levels of management including executive-level decision makers and working closely with the existing new business development teans it is expected of you to manage sales and marketing strategies, manage teams, execute and meet targets.

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- Boom Marketing Degree or Diploma in Business Management
- 3 5 years experience in the office furniture industry
- A course in space planning, 2D and 3D layouts and rendering.

The ideal candidate must have the following characteristics. In order to Julii this specific job description:

- The ability to work independently as well as in a team oriented environment.
- Has the meability to manage multiple assignments, set priorities, meet required deadlings and ariant nuickly to changing circumstances.
- Well present on with presentational skills.
- Exceptional customer service levels
- Superior written and oral communication skills



Please email a condensed CV and cover letter confirming the requirements to hr@officeconomix.com



Officeconomix has various vacancies for junior and senior candidates to join our sales and marketing team. Successful applicants must be able to generate business, executing various marketing plans and strategies, working with multiple levels of decision makers and management in different organisations, etc.

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PUBLIC NOTICE: ENVIRONMENTAL CLEARANCE CERTIFICATE APPLICATION

In terms of the Environmental Management Act (Act no. 7 of 2007) as well as the Environmental Impact Assessment Regulations (Government Notice No.30 of 2012), notice is hereby given to all potentially interested and affected parties (I&APs) that an application for an Environmental Clearance Certificate (ECC) will be made to the Office of the Environmental Commissioner for the following activities

Project Description: Construction and Operation of a Solar PV Power Plant at Erf 1865, Aimablaagle, Marlehlal.

Site Locality: Erf 1865, Aimablaagte, Mariental.

Proponent: Mariesol (Pty) Ltd

Environmental Assessment Practitioner: Ecolab Environmental co

All interested and affected parties are hereby invited to register with Ecolab Environmental co. The Background Information Document (BID) can be requested and any comments, issues or concerns related to the project can be submitted to Ecolab Environmental cc. All comments/concerns must reach Ecolab Environmental cc by close of business on 24 July 2023.

Telephone: 0811 482667 E-mall: elabnam@gmail.com

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Fax: (061) 220 584

Email: classifieds@nepc.com.na

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Notices
(YAT Inclusive)
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Lost Land Title N8675 00
Liquor Lucerse N8460 00
Name Change N8460 00
Berthlays From NS200 00
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Thank You Messages 900 NS200 00
Thank You Messages 900 NS200 00 Terms and Conditions Apply-

Notice

NOTICE OF ENVIRONMENTAL MANAGEMENT PLANAMENDMENT FOR EXISTING MINING ACTIVITIES ON ML 213 B 214, FARM OKÁWAYO NO 45 IN KARIBIB, ERONGO

REQION
Notice is Itereby served to inform the public that amendment will be made to the Environmental Management Plan (EMP) for the existing mining licenses, ML 213 and ML 214
Purpose of EMP amendment. Plan indude the abstraction of groundwater for mining activities and the management of the Management of the Environment Africa Big Linn Mining Ry Lid

Proponent: Anica or og Lun wining Ply Lid Environmental Consultant: Excel Dynamic Solutions (Ply) Lid (EDS) Members of the public are invited to attend the information-sharing meeting and fo be registered as interested and be the registered as interested and Affected Particles (IAAPs) to comment, raise Issues, or receive futher information on the proposed EMP amendment. Public Consultation meeting details Date: 5 July 2023; Time 11h00: Venue: Kertich Town Hell Contact: Mr Nerson Tjaka Email: public@dshamibla.com/

Email: public@edsnamibla.com/ nijejos@edsnamibja,com Tel: + 264 61 259 530/+264811524420



Excel Dynamic Solutions (Ptv) Ltd

*CMANGE OF SURNAME-THE ALLENS ACT, 1837
NOTICE OF INTENTION
TO CHANGE OF SURNAME
I,(1) EVANA MOGES AYEHU
ADMASSU residing at OMWEDINA,
ERF 6346, RAMIBIA ON GATYING
ON business / amployed as (2)
NA. mlend applying to the Minister
of Home Affaire for authority under
section 9 of 180 Allens Act, 1957, to
assume the surname AYEHU for the
resours had (3) NO UR COUNTRY
BY LAW THE CHILD SURNAME
FOR HER FATHER OR HER
FORMATION OF THE MODEL NAME
OF HER FATHER OR HER
I, intend she supplying for authority
to change the surname of my Wife
NA and minor child(ren) NA (3) to CHANGE OF SURNAME to change the suname of my Wife NA and minor child(ren) NA (3) to EVANA MOGES AYEHU ADMASSU Any person who objects to mytour assumption of the said suname of EVANA MOGES AYEHU ... should asson as my be lodge hisher should asson as my be lodge hisher should asson as my be lodge hisher should as reasons therefore, with the magistrate of WIND HOEK MAGISTRATE OFFICE. MUNGVNDA STREET, 16 JUNE 2023

Notice

Listed Activity

EIA Consultant:

Closing Date:

PUBLIC NOTICE ENVIRONMENTAL IMPACT ASSESSMENT & PUBLIC CONSULTATION PROCESS

Notice is hereby given that an application for an Environmental Clearance Certificate (ECC) will be made to the Environmental Commissioner in the Ministry of Environment, Forestry, and Fourism (MEFI) in Jerms of the Environmental Management Act, (No. 7 of 2007) and related EIA Riagulations

Subdivision of Portion 3 of the Ferm Bukalo Ferm Town and Townlands No. 1354 into Farm Town and Townlands No. 1354 into Portion 1 and Benainder. Eatablishment of a New Township (Need and Destreability) on Profice 1 to Portion 3 of the Farm Stukale Town and Townlands No. 1364 Zoning of New Erven Portion 1 of Portion 3 to the Farm Bukale Town and Townlands No.

histatiation of bulk services; water, electricaly

JV - Heamco Investments CC and Ossis Learning & Trading CC Bukalo Town, Zandows Pt

akwaachiway.na Interested and Affected Porties (IAPs) are hereby invited to register to the ElAand to submid their comments and/ or concurrs with respect to the envisaged development to Elevac Consulting during the consultation period starting 28 June 2023 to 21 July 2023.

A Background Information Document (BID) is

NOTICE FOR PUBLIC MEETING ENVIRONMENTAL IMPACT ASSESSMENT

Emylothiciers Conditions on beneby gives notice to all potentially interested end Attoried Parties (IBAPe) Inst en epitication with termset to the Environmental Commissionar in retins of the Environmental Management Act (No. 2012/07) and the Environmental Impact Assessment Regulations (SNI 68 if Bebruary 2012) for the following

PROJECT DESCRIPTION: Recogning of Ert 588 Extension 2 Kahina Multio from Public Open Space to Industrial and ഗാദ്യാർ a garage

REGISTRATION OF INAPA AND SUBMISSION OF COMMENTS:
In Ina with Namblas Euronomental ManagamathAc (No. 7 of 2001).

(ON. 30 of February 2012), Mambras or of Inapa place are Persely involed register as Artisteetie and Affected Parties (MAP). All IAAPs are hereby involed for register and abmillible comments, concerning to questions the West Bot 2018 in Subgramma (MIC) in writing via Email monifoliation (MIC) in writing via Email monifoliation (MIC) in writing via Email monifoliation (MIC) in via Vigil 2018.

Based on the interest expressed by the public and elaksholders regarding the proposed project if will be determined if a public meeting a 50 be held. Should a public meeting to held all registered IAAPs will be informed accordingly.

nviro

CHANGE OF SURNAME
THE ALIENS ACT, 1937
NOTICE OF INTENTION
OF CHANGE OF SURNAME
L(1) MBAPEUA KARUMBU
MBAUNDJA residing at ERF
1456, MARABOEWEG STREET,
TAUBEN GLEN, HOCHLAND
PARK, WINDHOEK and carrying
on business: amployed as (2)
STUDENT: intend applying in the
Minister of Home Affiliers for authority
under seeding of the Akiena Act, 1937,
to assume the surname MBAUNDJA
VEIllior the reasons that (3) TO USE
BOTH MY PARENTS SURNAME
I previously bore the names) (4)

. I previously bore the name(s) (4: MBAPEUA KARUMBU MBAUNDJA

mBAPEUA RAKUMBU MIGHUNDA Inland also applying for authority to change the surname of my wife NIA and rillnor child(sen) NIA [5] to NIA Any person who objects to my our assumption of the said surname of VEII MBAUNDJA MBAPEUA

KARUMBU .should as soon as my be lodge his/her objection, in writing, with a statement of his/her reasons therefore, with the magistrate of

therefore, with the magistrate of WINDHOEK MAGISTRATE OFFICE MUNGUNDA STREET, 15 JUNE

PROJECT LOCATION: Ert 568 Fatensinn 2 Kallma Mulro, Zembezi Regi

ENVIRONEMNTAL PRACTIONER: Environment Consultants of

PROPONENT: Were/Investments or

CHANGE OF SURNAME

THE ALIENS ACT, 1937

NOTICE OF INTENTION

OF CHANGE OF SURNAME

[.(1) WINNIE GLADYS AVOSES

INTURNAME OF EPP 2838

ILITY WINNIE, GLAUTS AWOSE restuding of ONALUWE, ERF 2838, JOHANN ALBRECHT 9TREET 139, WINDHOEK NORTH and cerrying on business / employed as a (2) UNEMPLOYED. Interné applying to lite Ministra of Ilome. Affairs for authority under section 8 of the Aliens Act. 1937. In sesume the surperior.

authority under section B of the Allens Act, 1937, to assume the summers PREDERIK for the reasons that (3) IT IS A FAMILY NAME. I previously bors the namets) (4) WINNY GAOYS AWOSES, I intend also applying for authority to change the sumanic of

wife N/A and minor child(ren) to MELANIE BRIANNA WENDY

(5) to MELANIE BRIANNA WENDY
AWOSES Any person who objects
to myour assumption of the said
summer of MELANIE BRIANNA
WENDY FREDERIK be ledge his/her
objection, in writing with a statement
of insher exacts therefor will the
magistrate of
WINDHOEK
07 JUNE 2023

PROJECT DESCRIPTION:

Ekwao (1) Consulting

Fax. 088 845 025 Cett: 081 127 3027 & skwap@iwav.na

newarage, street toads, etc. on Portion1 which measures about 153 078 m² (±15.3 ha)

for permission to undortake the activity listed here below

П

IN LÜDERITZ

Notice

Notice is hereby given in terms of the Orban and Regional Planning Act, 2018 that Stubenrauch Planning Consultants or has applied to the Lüderitz Town Council and intends on applying to the Urban and Regional Planning Board (URPB) un behalf of Löderitz Town Council, the registered owner of the Remainder of Polition B of the Ferm Lüderitz Town and Townlands

No. 11 for the following.
(a) Subdivision of the Remainder of Portion B of the Ferm Lüderitz Town and Townlands No. 11 into Erf A and Remainder:

(b) Reservation of Eri A of the Remainder of Portion B of the Farm Lügeritz Town and Townlands No. 11 as "Cemetery";

(c) Alteration of the boundaries of tilus Extension 1 to include

The area on the Remainder of Portion B of the Farm Underitz Town and Townlands No. 11 which is to be subdivided is inceted directly east of Nautilus Extension 1, along the northern side of the 00706 Road. The Remainder of Portion B of the Farm Littleritz Town and Townlands No. 11 is currently zoned for 'Undetermined' purposes in terms of the Lüderitz Zuning Scheme

The purpose of the subject application is to enable the Luderitz Town Council to create an additional burst site as the existing one is running out of space, to ensure that the residents of Loderitz are provided with a dignified final resting home.
Please take notice that the application

locality map and its supporting documents the open for inspection during normal office hours at the Luderitz Town Council (Town Planning office) and SPC Office, 45 Feld Sheet, Windhoek

Further take notice that any person objecting to the proposed application as set out above may lodge such objection together with the grounds thereof, with the Chief Executive Office of the Lüderitz Town Council and with the applicant (SPC) in writing on or before Trosday, 25 July 2023.

Applicant Stubencauch Planning Consultants office3@spc_com.na PO Box 41404

Tel.: (061) 251189 Our Ref: W(23022 The Chief Executive Officer Lüderitz Town Counci O Box 19, Lüderitz

REPUBLIC OF NAMIBIA MINISTRY OF INDUSTRIALISATION AND TRADE, LIQUOR ACT, 1998 NOTICE OF APPLICATION TO COMMITTEE IN TERMS OF THE LIQUOR ACT, 1998

LIQUOR ACT, 1998
(regulations 14, 26 & 33)
Notice is given that an application in terms of the Liquor Act. 1998, particulars of which appear below, will be made to the Regional Liquor Licensing Committee, Region;
ERONGO

1. Name and bookla address of

1. Name and postal address of and posses autories of applicant.

JOSEF HAPINGE,
P O BOX 23944, WINDHOEK

2. Name of butness or proposed

Business to which applicant relates
R J PUB & GRILL

2. Affect continue to proposed

A 3 POB is CNILL

3. Address/Location of premises to which Application refales: ERF 1007, OZDNDJE, OMARURU 4. Nature and defeits of application:

RPECIAL LIQUOR LIGENCE

 Con of the court with whom Application will be Indged.
 OMARURU
 MAGISTRATE COURT
 Belle on which application with be Lodged: 02 AUGUST 2023
 Date of incetting oil Committee at August 2023
 Date of incetting oil Committee at August 2023 ch application will be heard: 13 BEPTEMBER 2023

13 BEPTEMBER 2023
Any objection or writher submission in term of the 22 is to like Spotkam must be sent or delivered to like Spotkam of the Committee for read the Secretary not less than 21 days before the date of the meeting of the Committee at which the application will be heard.

CHANGE OF SURNAME

CHANGE OF SURNAME - THE ALIENS ACT, 1837 NOTICE OF INTENTION OF CHANGE OF SURNAME IN SHIRMAM NAUSES TERRING AT SHIRWAYS ESTATE CLOSE ALEATRASS 1513, TWALVISBAY and CATTAIG ON BUSINESS. *CIPICAYSE OF CATTAIN OF THE ALIENT AND ALIENT OF HOME AFFAIRS FOR SURNAME TO MY CURRENT SURNAME TO MY OUTPETS SURNAME TO MY CURRENT SURNAME TO MY MOTHER'S SURNAME TO MY HE NAW AND A SURNAME TO MY WIE NA AND AND A SURNAME TO MY MOTHER'S SURNAME (14) SHIRMAMS OF MY CURRENT SURNAME TO MY MOTHER'S SURNAME (14) SHIRMAMS OF MY END AND A SURNAME TO MY MENT AND A SURNAME TO MY MY EN AS AND AND A SURNAME OF MY END AND A SURNAME OF MY A SURNAME OF MY A SURNAME OF MY AND A S

**CHANGE OF SURNAME:
THE ALIENS ACT, 1997
NOTICE OF INTENTION
OF GHANGE OF SURNAME
[1-1] RYLÉ ERASMUS residing
1 575 OTJOSONDUJ STREET
CIMBA BESIA and carrying
or business / employed a (2)
STUDENT: Intend applying to ha
dinister of home Affairs for subrolly
under section 9 of the Aliens Act. 1997.
In assume the surname SCHENK
for the reasons that (3) FROM THE
PARENTS OF CARING SURNAME.
I previously bore the name(s) [4]
ERASMUS. I Intend also applying to
RASMUS. I Intend also applying to
Authority to Longe the summer of my ERASMUS. I Inlend also applying for authority to change the summer of iny wife N/A and minor child(ren) N/A (5) to N/A Any person who objects to my? our assumption of the said summer of SCHENK should as soon as my be lodge his/her objection, in willing, with a statement of his/her reasons. with a statement of history reasons therefore, with the magistrate of WINDHOEK COURT 13 JUNE 2023

 CHANGE OF SURNAME THE ALIENS ADT, 1937 NOTICE OF INTENTION OF CHANGE OF SURNAME L(1) ALBANO SHIPLICA residing at PLOT 628 KAISOS, RUNDII and activity on business / employed a (2) LEARNER, intens applying to list Minister of Home Affairs for authority under section 90 files Allens ACI. 1937. to assume the surrouse PHELEP for the reasons that (3) I AM USING MY FATHER'S NAME AS A SURNAME I previously bore the name(s) (4) ALBAND SHIPILICA. I inlend also ALEANO SHIPILICA. I inlend also applying for authority to change the surrame of my wile N/A and minor child(ren) N/A (5) to N/A any person who objects to myour assumption of the said surrame of PHELEP should as soon as my be lodge his/her objection, in writing, with a statement may/strate of WINDHOEK 08 JUNE 2023

CHANGE OF SURMAMETHE ALIENS ACT, 1837
NOTICE OF INTENTION
NOTICE OF INTENTION
OF CHANGE OF SURMAME
L(1) TERESTA AIFETE residing at
HOUSE NO, 2701A LINEKEKLA
KALENGA STREET, TSUMEB and
COURTING OF BUILDING SECONOARY
SCHOOL—TEACHER, IMEND applying
SCHOOL—TEACHER, IMEND applying
O IDE Minister of Horme Affairs for SCHOOL-TEACHER intend applying to the Minister of Home Affeits for suthority under section 9 of the Alliens Act, 1937, to assume the sumarne AIST, to assume the sumarne AIST, to assume the sumarne AIST, to assume the JUSED MY MAIDEN NAME AND MY HUSBAND'S SURNAME: I previously bore the names (s) (4) AIFEETE Intend also applying for authority to change the sumarne of my wife NA and minor children) MA (3) to MA any person who objects to myster assumption of the said sumarne of AIFETE—MASULE should as sooth as my be lodge histher objection; in writing, lodge his/her objection, in wri with a statement of his/her rea WINDHOEK COURT, 14 JUNE 2023

NOTICE OF ENVIRONMENTAL NOTICE OF ENVIRONMENTAL
SCOPING ASSESSMENT
(ESA) FOR THE PROPOSED
EXPLORATION ACTIVITIES ON
THE EXCLUSIVE PROSPECTING
LICENSE (EPL) 8015, LOCATED
IN KARIBIS AND DMARURU
DISTRICTS, ERONGO REGION

DISTRICTS, ERONGO REGION
Notice is nereby served to inform
the public (hat an application for
the finitionmental Clearance
Cendicate (ECC) will be made to the
Environmental Commissions in ferms
of Environmental Management Act No.
7 of 2007 and the ELN Regulations
(2012) for the following Intended
activities

activity
Project Name: Proposed exploration
activities of dimension stone, base &
tree metals, industrial minerals and
precous metals on EPL 8015 fundate
in Karthib and Ornaruru districts.
Econgo Recomment. Ms. Uerineka Rosvilha

Proponent DeAlmada

DeAfmada
Environmental Consultant: Excel
Oynemic Solutions (Pty) Ltd (EDS)
Members of the public are invited to
register as Interested and Affected
Parties (IBAPs) to comment/raise issues, and polylons or receive further internation regarding the proposed

information regarding this propulary project. Public Consultation moeiling details with be communicated with all the registered IBAPs. Registration requests should be forwarded bEDS on the contact details below, before or on 30° JUNE 2023, Contact, Mr Titue Strutya Email: public details and public details on the contact of the contact

Ishuwa Sedsnamibia com Tel: + 264 81 259 530



ENVIRONMENTAL SCOPING ASSESSMENT (ESA) FOR THE PROPOSED EXPLORATION ACTIVITIES ON EXCLUSIVE PROSPECTING LICENSE (EPL) No. 8016 LOCATED SOUTH OF OTJIMBINGWE, ERONGO

REGION.
Notice is hereby served to inform the public that an application of the Environmental Clearance Certificate (ECC) will be made in the Environmental Commissioner interms of Environmental Management Act No. 7 of 2007 and the EIA Regulations (2012) for the following intended activity.

activity.

Briaf Project Description: The proposed prospecting & exploration of Base & Rare Metals, Dimension Precious Molais on EPI 8016, The Precious Motats on EPI 6016. The project are is located appoination project are is located appoination of Ulimbingwe in the torigo and overlies (covered Kuribas 88, Kurikaub Nord 31, Kurikaub 146, Davetsaub 29, Olimbingwe reserve 104, Nomatsus 26, Keises 312. Proponout: Verineya Roswitha Dealmanda Environmental Consultant. Excel Dynamic Sobilions (Pty) Ltd Marnbers of the public are invited to register as Interested and Affected Parlies (BAPe) in order to comment?

raise concerns or receive further information on the Environmental

information on the Environmental Assassament process. Public Consultation meeting details will be communicated with all the registered ISAPs. Registration requests and comments should be forwarded to Excel Dynamic Solutions (Phy) Lid on the contact details below, before or on the contact details below. 30th June 2023.

Mr. Slias David



RENT - HOCHLAND PARK:

Specious, neal 2 Bedroom (BIC), N\$3200 each room, 1 Bedroom (BIC) N\$3000, Shared common areas - Kitchen & Lounge (BIC), 1 bathroom, Electrical Fence, WIFI, W/Electricity included, preference for single, DEPOSIT: N\$1500, no space for car-park - Available 1 July.

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ENVIRONMENTAL SCOPING ASSESSMENT (ESA) FOR THE PROPOSED EXPLORATION ACTIVITIES ON EXCLUSIVE PROSPECTING LICENSE (EPL) IO, 6844 LOCATED NOTHWEST OLIIS, ERONGO REGION.

OF LIS, ERONGO REGION.
Notice is hereby served to inform
the public libut an application for
the Environmental Clearance
Oertilicate (ECC) will be made to the
Environmental Commissionar interior
of Environmental Management Act No.
7 of 2007 and the ELA Regulations.
(2012) for the following intended

ectivity
Brief Project Description: The proposed prospecting & explo of Base & Rero Motels, Dimer stone, Industrial Minerals, Prestorie, industriam mareriae, recordiants storie, industrial mareriae, son EPL 8844. The project area is occated approximately 20 kmoothwest of Usia in the Econgo and overlies within the Okombatic Reserve.

Proponant: Clyon Commercial Services CC Environmental Consultant: Excel Dynamic Solutions (Phyl Ltd Membars of Use system of Consultant).

Environmental Consullant: Exuci Dynamic Solutions (Pty)-List Members of the public are invited to register as interested and Affected Parties (I&APs) in order to comment raise concerns or receive further information on the Environmental Assessment process. Public Consultation meeting details will be remounterated with all the

Public Consultation meeting details will be communicated with all the registered NAPs. Registration requests and comments should be forwarded to Excel Dynamic Solutions (Phy). Ltd. on the contact details below, before or on 20th. Justin 2023.

30th June 2023. Ms. Alli lipinge Email: lipingea@edsnamibia.com/

public@edsnamible.com Tel: + 264 61 259 630





ENVIRONMENTAL SCOPING ASSESSMENT (ESA) FOR THE PROPOSED EXPLORATION ACTIVITIES ON EXCLUSIVE PROSPECTING LICENCE (EPL)

PROSPECTING LICENCE (EPL)
7076, LOGATEO NORTH OF
OTJIWARONGO, OTJOZONOJUPA
REGION
Underthe EnvironmentalManagement
Act, No. 7 of 2007 and its 2012
Environmental Impact Assessment
(EIA) Regulations. the Proposed
prospeding and exploration scilvities
require sin Environmental Clarance
Carificate (ECC) from the Department
of Environmental Affairs and Forestry
before commencement.

of Environmental Affairs and Forestry before commencement Brief Project Description: The project Description: The project Description: The project Description: Sease & Ram Metals, Dimension Stane, Industrial Minerarias and Proclaus Metals on EPL 7075. The project area is located approximately 00 km marth of Oliverongs Treem project area is located approximately 00 km marth of Oliverongs Treem in the Olipcondigips Region and is 13087.7589 hallasis. The EPL covers in the Olipcondigips Region and is 13087.7589 hallasis. The EPL covers of the Proposition of the Olipcondigips Region and Section 1977. Section 1978. The Proposition of the Olipcondigips Region and Section 1978. The Proposition of the Proposition of the Proposition of the Olipcondigips Region and Section 1979. The Proposition of the Proposition of the Project of the Project Olipcondigips Region and Section 1979. Light National Project Olipcondigips Region 1979. Light National Project National Projec Dynamic Solutions (Pty) Lid Members of the public are invited to

register as interested and Affected Parties (ISAPa) in order to commentarise concerns or receive further information on the Environmental Assessment process Assessment process Public participation mosting will

be held on:
Date: To be confirmed and

Date: 10 communicated with Interesses Affected Parlies
Time: To be confirmed and communicated with Interested and

communicated with interested and Affected Parties. Yanue: To be confirmed and communicated with Interested and Affected Parties. Registration requests and comments should be forwarded to Excel Dynamic.

Registration results about the forwarded to Excess, Solutions (Pty) Ltd on the control below, before or on the

details below, berow ... 30° June 2023, Mr. Stefanus L. Johannes Emell: public@edsnambla.com Tai: + 264 B1 269 630







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in wark in Namibila. Bachelur's Degrae Diagnostic

Ulfrasound Registered with the Health Professions Council of

s par the Affirmative Action Employment) Act Aut 28 of 1998 ambles clizens from previously inarivantaged groups are ncorraged to apply.

Kindly all CVs & other relevant documents may be addressed to: tohikwambi.mxr@gmail.com

REPUBLIC OF NAMIBLA
MINISTRY OF INDUSTRIALES/ATION
AND TRADE, LIGIOR ACT, 1998
NOTICE OF APPLICATION TO A
COMMITTEE IN TERMS OF THE
LIQUOR ACT, 1998
Inguisitions 14, 28 a 31
Notice is given lind an application
in terms of the Liquor Act, 1998
will be made to less Reponsibilition
Licensing Committee, Regional
Liquor Act, 2008
ZAMBEZI
1, Name and posals address of

ZAMBEZI

1. Name and postal suddress of epipicani, LYDIA MAYUMBO MATONGELA, P.O. BOX 4247.

WINDHOEK

2. Name of business or proposed Business of which applicant unlates with the proposed Business of the proposed Business (C. 3). Address-Locallon of premises to

which Application of premises to which Application relates:
MUYAKO, MATONGELA VILLAGE
4. Nature and details of application:
SHEBEEN LIQUOR LICENCE

a Radioquapher

professional caring, persons to apply for the ing position:

Iregulations 14, 26 & 3-3)
Notes given and an application in mo of the tiliquen Act 1998, patiticular of which appears below. Will be made to the Regional Luquor Libensing Committee, Region COTOCOMDUPA
1, Alamp and pastal indiress of applicant,
BIANCA VAN DER BERG, PO BDX 212, OTAVI
2, Name of Business or progressed.

3. Address It continued premises to which Application rotates:
ERF 408, JOSEPH BUCHOLZ STREET

TRANSFER OF A BOTTLE STORE
LICENCE FROM OTAY SENTRA TO
OK GROCER BOTTLE STORE OTAY
5. Clerk all the court with whan

OTAVI MAGISTRATE COURT

date of the meeting of the Committee at which the application will be beard.

REPUBLIC OF NAMIBIA
MINISTRY OF INDUSTRIALISATION
AND TRADE, LIQUOR ACT, 1988
NOTICE OF APPLICATION TO A
COMMITTEE IN TERMS OF THE
LIQUOR ACT, 1988

LIQUOR ACT, 1998
(regulations 14, 26 & 33)
Notice is given that an application in terms of line Liquor Act. 1988, certicular to the Regional Liquor Licensing Committee, Regional Liquor Licensing Committee, Regional Liquor Licensing Pawtisch

OMUSATI OMUSATI

1. Name and postal
address of applicant.

SHAANIKA ESTER NOEUMONA.
P O BOX 8815, ONOWEDIVA

2. Name of business or projusted
fluginess to which applicant fetales
TJETU VAKETU SHEBEEN NO.
Addressed Coaling of promises to

ction 28 of the Act in refat the applicant must be sent or delivered to Secretary on less than 21 days before the data of the meeting of the Committee of which the application will be heard.

REPUBLIC OF NAMIBIA
MINISTRY OF INDUSTRIALISATION
AND TRADE, LIQUIOR ACT, 1998
MOTICE OF APPLICATION TO A
COMMITTEE IN TERMS OF THE
LIQUIOR ACT, 1998
(regulations 14, 26 & 33)

iness to which applicar DTAVI SENTRA

 Date on which application W Lodged: 14 JULY 2029 Lodged: 14 JULY 2029
Any objection or written submission of error of section 29 of the Act in relation to the applican must be sent and diverse to see Foredary of the Dominite to result the secretary notices than 21 days below the

OUTAPI MAGISTRATE COURT

JETU YAKETO SHEBERN NO., Address/Localion of promises to which Application related: OSHITASHERBUNGU AREA, OKANDJAMBONA LOCATION. OKATENENGE VILLAGE, UUKQLONKADHI, ONESI CONSTITUENCY SHURY SHE (I LIBIN OF PROMISE)

Nature and details of application SHEBEEN LIQUOR LICENCE 5_Cleak of the court with Wivani

6_Date on which application will be Lodgert: 15 JULY - 02 AUGUST 2023 7 Cate of meeting of Countilities at Which application will be freed: application will be 13 AUGUST 2023

ARATIMA MILLLO FARTIMA MILLLO FARTIMA FARTIMA ECOUNT FARTIMA PARTIMA ECOUNT FARTIMA PARTIMA ECOUNT FARTIMA PARTIMA ECOUNT FARTIMA INJURIAL PARTIMA PARTIMA PARTIMA INJURIAL PARTIMA INJURIAL PARTIMA PAR NOTICE FOR PUBLIC MEETING **ENVIRONMENTAL IMPACT ASSESSMENT**

Envirofficent Conscients on hereby gives notice to all potentially interveled ann Affected Parties (IAAPs) that an application with the made to the Environmental Commissioner (in furing of the Environmental Management Apr (Nr. 7 of 2001) and the Environmental Impact Assessment Regulations (IAI 30 of 6 February 2012) for the following:

PROJECT DESCRIPTION: Rezoning of Erf 568 Extension 2 Kentine Multin from Public Open Topics to Industrial and constitution garage

PROJECT LOCATION: Ext 568 Extension 2 Katima Mullo, Zambez Region

PROPONENT Want Investments of

NVIRONEMNTAL PRACTIONER: Environdent Consultants of

ECT OPECHNETION: (openhet) timeds to comprised and operate a motor vehicle repair gatege on Eri 505 sion 2, Karlma Mulliu. The proposed development require the recording of this Effhort many zone of Public Open Space to Industrial land use. The subject area is along Flood polywep Nails and Petrosol Service addition in Extension 2.

REGISTRATION OF ISAPS AND SUBMISSION OF COMMENTS: In line with flammar's Environmental ManagementAct (No. 7 of 1007) and EIA regulation (In No 10 of February 2012). Members of the public are heavy invited to popular as framework and Affected Partner (ISAP), All ISAPS are inversely invited to reported any solution that commenter, contents or questions as you will as addens adopt contribution downfield (IOC) in vertice yet Emack environmental comments or Cast *22481 3017 378 on or broke Printy 20 day 2019



Notice

PUBLIC NOTICE
ENVIRONMENTAL IMPACT ASSESSMENT
Stubernauch Planning Consultants
(BPC) hereby we roline to all pocenholy
intereded and Metart Parisies (IAAPs) that an
application rat be made to the Environmental Commissioner in terms of the Environmental Commissioner in terms of the Environmental Management Fed (No. T or 2001) and the
Environmental Impact Assessment Regulations
(SN 310 of February 2012) for the following
PROJECT DETAILS:

[a) Subdivision of the Remainder of the
Farm Rundu Townlands No., 1329 into
Portion 132 and the Remainder of the Farm
Rundu Townlands No., 1329 into
Portion 132 and the Remainder of the Farm
Rundu Townlands No., 1329 to the Safeth
(b) Layout design and Township
Salabilatiment on Portion 132 of the Known

Rundu Townlands No. 1329 to be known as Rundu Extension 30.

Rundu Extension 30.
The Proponent: Rundu Town Council
Environmental Assessment Practitioner
(EAP): Stubergrauch Planning Consultants

ISPC)
Proposed Portion 132 of the Farm Rundu
Townlands No. 1329-will be located motifind the
existing urban afree of Rundu and is adjacent
to the "Neva" lake The proposed portion with
measure approximately 29 heclarus in select
for the lownship establishment of Rundu
Exercisin 30. Fatension 30

for the lownaring oscializations of the subject application is to actions on all offices, where the subject application is to actions, whe need for serviced enses that the his made available for interested parties for the development of housing within the mixtde and higher-dineare population of Burdu. The general pubble as well as any interested parties are hearty involved to attend the environmental interesting during with this the polanical environmental and securil impacts of the proposed application with by presention for comments and inputs from the public. The meeting is schaffed to take place as all oboxis. mweting is scheduled to take place as lokows Date: Friday, 14° July 2023

Date: Filday, 14*- July 2023
Time: 10k00
Yenue: Trade- Fait Boardfrooth
REGISTRATION OF BLAP-SAND SUBMISSION
OF COMMENTS:
In line: with Namibus Environmental
Management Act (St. 17 of 2007) and Els.
Englazionic RAO of Ce February 2012; ast
BAP-Sare hereity invited pragisters and submit
her comments. Concerns of Quasicion in writing
on or balance Thursday, 27 July 2023.

Email: bronwynn@spc.com.na; Tel: 081 25 11 69 Our Ref: RUNI059





CALL FOR PUBLIC PARTICIPATION/COMMENTS

CALL FOR PUBLIC PARTICIPATION COMMENTS ENVIRONMENTAL IMPACT ASSESSMENT AND ENVIRONMENTAL IMPACT ASSESSMENT AND ENVIRONMENTAL MANAGEMENT FLAN TO GETAIN AN ENVIRONMENTAL CLEARANCE FOR THE REZONING OF THE RECONNING OF THE RECONNIN

Osonia Cominidage No. 65, Okahandja rom Agricultura in Unglin Interpreta Section and descriptions and observations and observations and observations and observations are section and observations and observations are section of the Communication of the Communication of the Communication of the Communication of the Mindhouse Interpretation of the Mindhouse Communication of the Mindhouse Communication of the Mindhouse Communication of the Communicat

information:
Grace Earth Environmental Consultante
Contact Persons: Charlis Du Tolt/Conian
van der Walt
Tel: 0811273145

Notice

NOTICE OF INTENTION TO ESTABLISH TWO NEW TOWNSHIPS AT ONESWILD WITHIN OSHAKATI TOWNLANUS

PRINTED VISION TO VINTE ALLO SERVICE AND A CONTROL OF THE ALLO SERVICE AND of Eri 1373. Oneship and to establish byo new lowinships on Porkin A and Remainder of Eri 1373. Oneships within the Oshakati lowillands. The Townships wit consist of 522.

tomitands. The Township to wit consist of 522 even allogation.

Please further take note that (ii) the plan lies fur inspection at the Osnakari Town Council Property and Land Markgement office.

(b) any person having objections to the thereon may lodge such object ments, logether with the gro thereof in writing with the council the Board and with the applicant within 14 days of the last publication of this notice (The final date for objections is 26 July 2023)

YOTICE OF AN ENVIRONMENTAL INPAK ASSESSMENT (EIA) FOR TOWNSHIP AI ENESHII A WITH'N DISHAKATI YOWNLAN

Button Dynamics Aligna (Phy), Lith barrety give motion by physics Aligna (Phy), Lith barrety give motion to whether that an application with the most to the Environmental Analysis and the Environmental Management And 2001 (Act, 7 of 2007) and the EA Regulations (CN No. 30 of 5 February 2012)
Proponent: Cshakela Town Council

(EAP): Urben Dynamics Africa Locality Erl 1373. Oneshila within Oshakali Oshana Region

Proposed Activities: Construction and development of infra relocalion Through township establishment

The purpose of the review and registration pend is to introduce the proposed project and ordinary significant for pend is to introduce the proposed project and formation pend is to introduce the parties (ISAPs) an opportunity to comment on the Background Information Document (BID) to errours that all issues and concerns are brought forward, captured and considered future in the

assessment Public meeting is schulused to take place on the 44° of Judy 2023 at 15:00 cm. Cheshda Community had witerested AND AFFECTED PARTIES

låAP's are asso involed to register to receive a background information document and

concerns heldre non-Heldri at: emad: heldri@udanem Fex: 861 240 309, or Phone: 861 240 300.





or Charged The specific Direct Commentation and measures approximately 11 9ha in extent Further, take note that a high plan kes for inspection at the offices of the plan kes for inspection at the offices of the plan kes

the Okahao Town Sound (Town Hanning Office) and Urben Dimarries office at No. 43 Nelson Mandela Ayenua, Klein Windhoek, durzig normal

unice round by any person having objectors to the lownship establishment or who wants to conswell thereon, may lodge such objections and commanta-together with the grounds thereof, in uniting with the Okahao Town Council and with the applicant within 14 days of the last publication of this rictice. (The final date for objections is 26 July 70231

Applicant: Urban Dynamics Africa (PTY) Ltd.

P O Box 26837, Fax: 061 240309

Email: aRison@udsnam.com CALL FOR PUBLIC PARTICIPATION

Notice is herewith given to interested and affected parties that application will be made to the Environmental Commissioner to terms of the Eunironmental Management Act 2007 (Act. 7 of 2007) and the ELA Regulations (GN No. 30

February 2012| for Township establi Township eatablishment and layout approval on the proposed Potton A of the Renatinder of Fahn Otahao Townlands Extension No. 1213 to be known as Kashando Extension 3

INTERESTED AND AFFECTED PARTIES

A public meeting will be held for IBAP's on the 18° of Judy 89 10:00 am Vienue: Okahao Fre Stalion Proponent: Okahao Town Council

SAP's are also invited to register to rec a background information document and or submil liteir written comments'questions concerns before the 18 August 2023 to



LIQUOR ACT, 1998

HOT AIR BALLOON GUEST NOUSE

which Application relates ELZE SCHATZ STREET, TSUMEB

7 Date of meeting of Committee at Which application will be heard 13 SEPTEMBER 2023

· CHANGE OF SURNAME THE ALIENS ACT, 1937 NOTICE OF INTENTION

THE ALIENS ACT, 1837

NOTICE OF INTERNITION TO ESTABLISHA

NOTICE OF INTERNITION OF CHANGE OF SURNAME

INTERNITION OF CHANGE OF SURNAME

AND TOWNSHIP AND LAYOUT AFFROVAL

ON THE PROPOSED FORT DIA AGE

THE REMAINING FOR FAMILY RANAMA

I OWNLAMUS EXTENSION NO. 1213

Take note had Urban Dynamics Allica (PTy)

Sear on behalf of the Olimbar Dynamics Allica (PTy)

Sear on behalf of the Olimbar Dynamics Allica (PTy)

Sear on behalf of the Olimbar Dynamics Allica (PTy)

Sear on behalf of the Olimbar Dynamics Allica (PTy)

I ownship of Search of the Remainder of the Alliams Act (1937 to reasons that (3) IN OUR COUNTRY

SHOULD BE THE MIDDLE NAM

SHOULD BE THE MIDDLE NAM of WINDHOEK MAGISTRATE MUNGUNDA STREET

REPUBLIC OF NAMIBIA
MINISTRY OF INDUSTRIALISATION
AND TRADE, LIGUDR AGT, 1998
NOTICE OF APPLICATION TO A
COMMITTEE IN TERMS OF THE
LUGUDR ACT, 1998
LUGUDR ACT, 1998
Notice is given to that an application in
remis of the Luguer Act, 1996, particular
of which appear below, with the mode
to the Regional Luguer Leanning
Committee, Region
OTIOZONOJUPPA
1. Name and pinstal
adoless of oppirant
BURGA VAN DET BERG,
P D BOX 212, OTAM

15 JUNE 2023

PIO BOX 212, CTAVI

2_Name of business or proposed Business to which applicat OTAV| SENTRA

OTAVI SENTIAA

J. Adaesta Custon of promises to
which Application relative:
ERF 408, JOSEPH BUCHOLZ STREET

4. Nature and deteils of application:
TRANSFER OF A BOTTLE STORE CENCE FROM OTAVI SENTRA TO

OK GROCER BOTTLE STORE OTAY Application will be forged: DTAVI MAGISTRATE COURT

DTAY IMACHETRATE COURT

E, Date on which application will be
Loutgood: 14. JULY 2023
Any objection or writters submission in
Herry of section 28 of the Act in welliam to
the applicant must be sent or delivered to
the applicant must be sent or delivered to
the secretary of the Committee to read
Secretary of the Committee is easier to
the secretary of the Committee is easier of the Committee of the
which the application will be heard.

REPUBLIC OF NAMIBIA MINISTRY OF INDUSTRIALISATION AND TRADE, LIQUOR ACT, 1998 NOTICE OF APPLICATION TO A COMMITTEE IN TERM'S OF THE

LICLOR ACT, 1998
[ragulations 14, 26 & 33]

Notice is given that an application in terms of the Lictury Act, 1998, particulars of which appear below, will be made to the Regional Liquor Licensing

Committee, Region.

OSHIKOTO

1. Name and postal authors of application, JESSICA BUKER,
P O BOX 139, SWAKOPMUND

2. Name of business or proposed

2. Name of business or proposed Business to which applicant relate

3. Address/Location of pramises to ELZE SCHATZ STREET, TSUMED
4, Noture and details of application:
SPECIAL LIQUOR LICENCE FOR
GUESTHOUSE, RESTAURANT &
GEER GARDEN AND CAMBLING
5, Clark of the count with whom
Application will be knoged:
TSUMED MAGISTRATE COURT
5. Date on which application will be

6. Date on which application will be Lodged. 02 AUGUST 2023

Any objection or written submission in terms of section 28 of the Act in relation to the applicant must be sent or delivered to the Secretary of the Committee to reach the Secretary politics (han 21 days before the date of the menting of the Committee which the application will be heard



MUNICIPALITY OF WALVIS BAY

Notice is hereby given in terms of section 63(2)(a)(b) of the Local Authorities Act, 1992 (Act 22/1992), as amended, that the Municipal Council of Walvis Bay infends to sell Erf 6253, Walvis Bay, Extension 19 by private transaction to Rent-A-Drum (Pty) Ltd.

Description	Area	Zonino	Purchase Price
Erf 5253, Walvis Bay Extension 19	11,790m²	Light Industrial	N\$353,700 00 plus VAT

Full particulars pertaining to the sale will be for inspection by interested persons until Friday, 21 July 2023 at room 29. Municipal Offices, Kuisebmand. For more information Mrs S Satchipia can be contacted telaphone (064) 2013232 during office hours

Written objections against the intended transaction must be received by the undersigned before or on 12:00 Friday, 29 July 2023. A VICTOR

GENERAL MANAGER: COMMUNITY & ECONOMIC DEVELOPMENT

Municipal Offices Civic Centre Nangolo Mbumba Drive Private Bag 5017 WALVIS BAY Fax: (084) 209146

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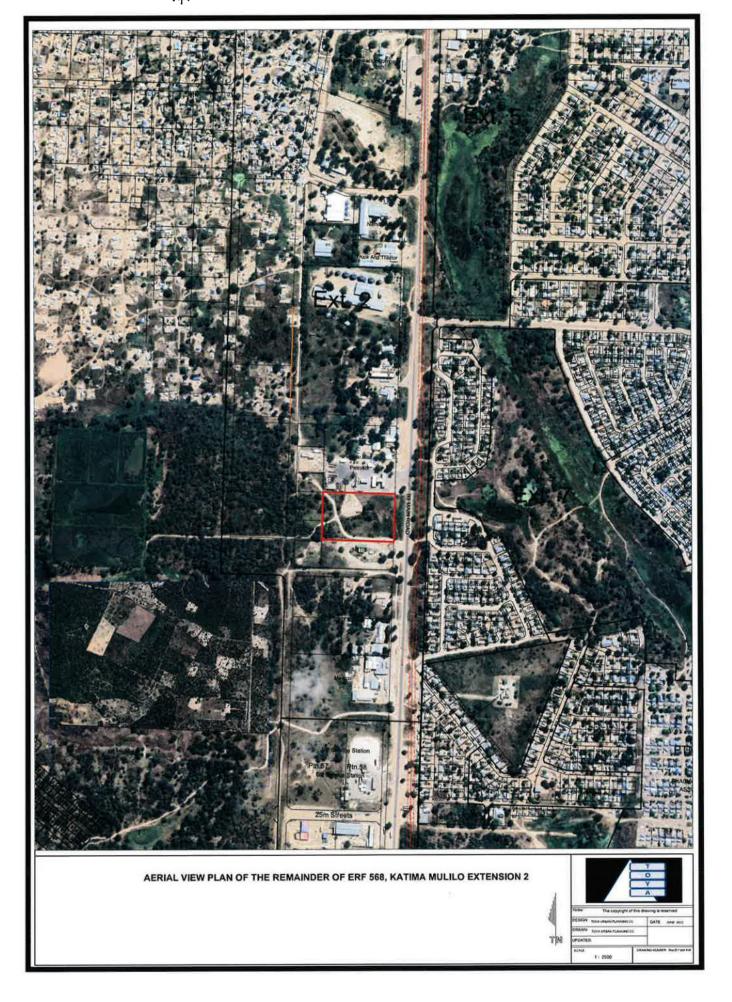
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Booking Date	29/06/2023
Tel. No.	
Amount Due	1,631.62
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Balance Amt.	1,631.62

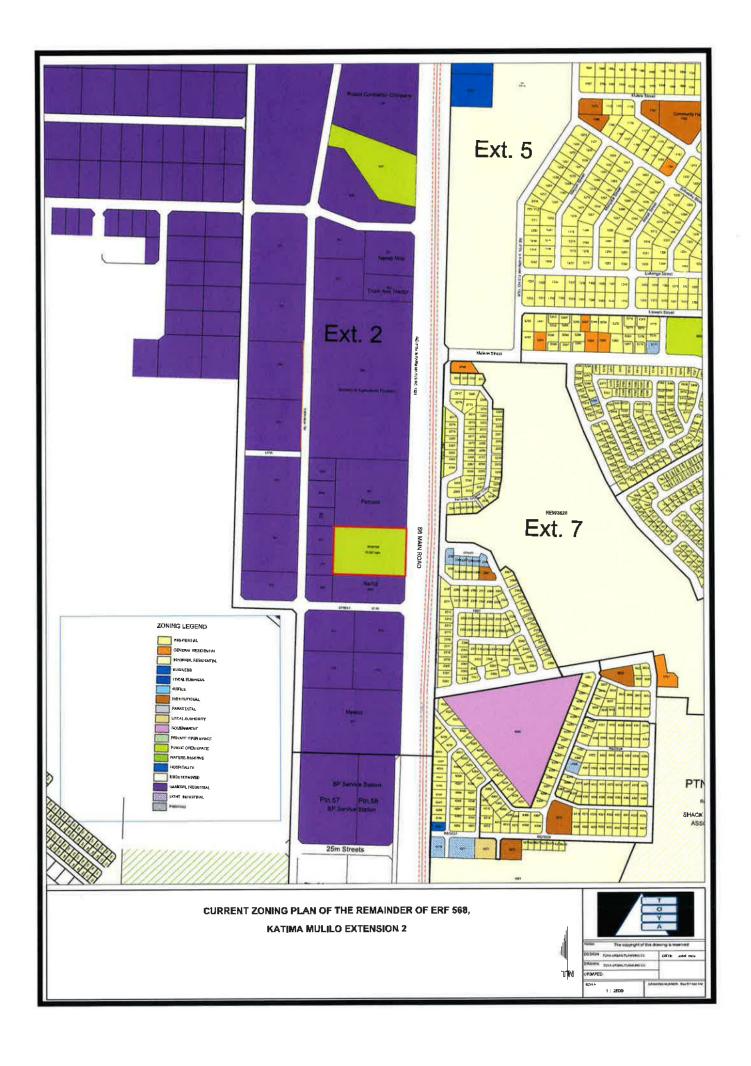
Account Name	The Free Press Of Namibia(Pty) Ltd	Bank Name	NEDBANK	
Account Code	11990028631	Branch	Business Center	
Branch Code	461617	Swift	NEDSNANX	
Account Name	The Free Press Of Namibia	Bank Name	PAIG.	
Account Code	62258994526	Branch	FNB Business	
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ANNEXURE D

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ANNEXURE E - MAPS OF THE PROJECT AREA





ENVIRONMENTAL MANAGEMENT PLAN (EMP)

ENVIRONMENTAL IMPACT ASSESSMENT FOR REZONING, CONSTRUCTION AND COPARATION OF THE PROPOSED MOTOR VEHICLE REPAIR GARAGE AT ERF 568 EXTENSION 2 KATIMA MULILO, ZAMBEZI REGION

Prepared For:

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PROJECT NAME	Rezoning erf 568 extension 2, Katima Mulilo,
	Zambezi Region, from "public open space" to
	"industrial" to construct and operate for a Motor
	Vehicle Repair Garage
DOCUMENT TYPE	ENVIRONMENTAL MANAGEMENT PLAN
CLIENT	Wanxi Investment
	Enquiries: wenxi211@qq.com
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DATE OF RELEASE	October 2023
AUTHORS	Mr. Nikolas Ndeikonghola

Acronyms

Directorate of Environmental Affairs	DEA
Employer's Representative	ER
Environmental Assessment Practitioner	EAP
Environmental Clearance Certificate	ECC
Environmental Control Officer	ECO
Environmental Impact Assessment	EIA
Environmental Management Plan	EMP
Interested and Affected Parties	I&APs
Katima Mulilo Town Council	KMTC
Ministry of Agriculture, Water and Land Reform	MAWLR
Ministry of Environment Forestry and Tourism	MEFT
Ministry of Mines and Energy	MME
Ministry of Urban and Rural Development	MURD
Ministry of Works and Transport	MoWT
Namibia Power Corporation	NamPower
Namibia Water Corporation	NamWater
Namibia Heritage Council	NHC
Northern Electricity Distributor	NORED
National Heritage Council	NCH
Roads Authority	RA

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1. Introduction and Background

1.1. Background

Wanxi Investment cc hereinafter referred to as the proponent appointed Envirofficient Consultants cc to conduct an Environmental Impact Assessment for rezoning of Erf 568 Extension 2, Katima Mulilo, Zambezi Region. The proponent was allocated Erf 568, Extension 2 by the Katima Mulilo Town Council and they needs to rezone this erf from "public open space" to "industrial" land use so that they can develop and operate a motor vehicle repair garage. They have appointed TOYA Urban Planning Consultants cc to facilitate the rezoning process. Envirofficient Consultants cc has been appointed to conduct an Environmental Impact Assessment (EIA) and develop an Environmental Management Plan (EMP) for the proposed vehicle repair garage.

According to the Environmental Management Act (2007) and its Regulations (2012) all development falling within the listed activities needs to be evaluated against the biophysical and socio-economic aspects to determine the environmental sensitivity and extend consultation to potentially Interested and Affected Parties (I&APs), to ensure inclusivity and draft mitigation measures in an Environmental Management Plan (EMP) to minimize potentially negative impacts.

1.2. Location of the project

The proponent was allocated Erf 568, Extension 2 along the main B8 road into Katima Mulilo between NATIS and Petrosol Service Station, Katima Mulilo, Zambezi Region. The land parcel is situated at -17.514631S, 24.268713E. The proposed development site is 57.124 hectares in extent.

1.3. Description of the proposed site

The proposed site, Erf 568, Extension 2, is zoned as public open space. The Katima Mulilo Town Council has allocated the Erf 568 Ext 2 to Wanxi Investment cc with the purpose of establishing the proposed development. The topography of the site is flat, and there are no existing servitudes within the proposed site, apart from the informal roads and walking paths across the erf. The soil type is mostly deep Kalahari sediments and Namib sand that mostly occur in the formation of sands and other sedimentary materials.

1.4. Objectives of the Environmental Management Plan

This document describes the Environmental Management Plan (EMP) as learned in the Environmental Impact Assessment (EIA) conducted for the proposed establishment of the motor vehicle repair garage. The EMP is a legal tool

implementing the environmental management actions, as described in an EIA for all phases of development of the project. This includes providing the proposed mitigations measures and actions to remedy the identified environmental impacts;

- To provide strategies for monitoring and management of identified environmental issues.
- Provide context for monitoring of certain environmental aspects for effectiveness of the proposed mitigation measures; and
- To guide the responsible persons in following suitable contingency plans in the case of various possible impacts.

2. Responsibilities

The responsibility of implementing the EMP lies with the proponent (Wanxi Investment), who is the initiator of the project, and who will be responsible for appointment of the contractors, sub-contractors, and the entire operation of the project. Implementing the EMP needs mutual participation of different stakeholders, each accomplishing different but important roles to ensure a satisfactory environmental management in all the phases of the project namely planning, construction and operation phases.

2.1. The proponent

The Proponent is responsible for the appointment of the Employers Representative (ER), who will manage all the contracts and services that are outsourced during the project planning, construction, maintenance, and operation phases. The ER can be an employee of Wanxi Investment with technical knowhow, and all the official communication regarding the work contracts must be communicated through this person.

Responsibilities of a proponent:

- To enforce the final EMP after it has been approved by DEA and ensure compliance of the project with all the conditions of approval.
- To train all contractors, sub-contractors, and employees about the EMP.
- To notify MEFT and EAP on projected amendments to the proposed project.
- To appoint the responsible person to take the responsibility monitoring environmental affairs on site and ensure implementation of the EMP by contractor and sub-contractors.
- To assess the application of the EMP on a regular basis by all parties.
- To ensure compilation and submission of annual environmental reports to the relevant authority.

2.2. The Employers Representative (ER)

The ER will therefore need to appoint an Environmental Control Officer, who will represent the developer and the ER on site, to help monitor all environmental aspects with the contractors and implement the EMP on site. The ER shall assist the ECO (Environmental Control Officer) where necessary and will have the following responsibilities regarding the implementation of this EMP:

- To ensure that the environmental aspects and necessary permits are obtained before carrying out of activities by the contractors on site with the assistance of the Environmental Control Officer.
- To guide the contractor towards finding solutions related to environmental affairs.

- To ensure that all equipment and machineries on site are environmentally friendly (not leaking/spilling oil).
- To fine, penalize or dismiss employees on site who may not be complying with the EMP.
- To advice and review work of the ECO to ensure compliance with the EMP and compile monthly reports to Wanxi Investment.

2.3. The Environmental Control Officer (ECO)

The ECO is appointed by the ER to act as the proponent or Developer's eyes on the ground and monitor the site in terms of Environmental Management Plan and ensure compliance of the activities. In cases whereby there is no ECO appointed, the ER will serve for both ECO and ER tasks. The following are the responsibilities of the ECO:

- To help the ER in making sure that all activities on the ground have authorization and required permits.
- Coordinate communication between the Contractor, the ER, the Developer and any other interested and affected parties with regard to environmental affairs.
- To carry out monthly reviews of the project area and ensure compliance with the EMP, and ensure that all possible impacts are minimized and ensure that all new personnel were offered with appropriate environmental awareness training.
- Take suitable action if the specifications of the EMP are not adhered to;
- To advice the contractor in finding environmentally friendly solutions to problems that may arise.
- To advice on the dismissal of persons, equipment or machineries from the project that are not complying with the specifications of the EMP through the ER.
- To recommend fines for misbehaviors that may occur on site in relation to personnel contravening the EMP; and
- To review the EMP and recommend additions or changes to the document to accommodate changes.

2.4. The Contractor

The Contractor is responsible for the implementation, monitoring and evaluation of the EMP onsite. It is likely to be that different contractors will be appointed to carry out different tasks throughout the existence of the project. Contractors needs to be classified into categories based on the level of construction such as design contractors, the construction contractors, operation/service contractors. This EMP is legally binding and will guide all contactors that will be involved in this

project. All contractors need to ensure that enough environmental awareness and training of employees in languages that they understand is offered, and the Contractor should keep records of all environmental training sessions, including names, dates and the information presented.

2.5. The Sub-contractors

It is anticipated that sub-contractors will be appointed at different development stages of the project, it is therefore a responsibility of the appointed contractors and sub-contractors to comply with this EMP, and the proponent must at all-time make sure all appointed contractors and sub-contractors adhere to the EMP.

Upon receipt of the copy of the EMP, the subcontractors must execute their activities in compliance with this EMP and ensure that enough environmental awareness training is offered to all employees joining the project.

2.6. Ministry of Environment, Forestry and Tourism

The authorities responsible for environmental affairs through the responsible departments, needs to control and monitor the project, to ensure compliance with different legal frameworks.

2.7. The Katima Mulilo Town Council

This is the local authority responsible for administration, ensuring compliance, and enforcement of the environmental Management Plan, local policies and bylaws within the local authority area.

2.8. Other, government ministries

Ministry of Trade and Industry, Ministry of Labor, Industrial Relation and Employment Creation, Ministry of Health and Social Services, Zambezi Regional Council and many others should also provide necessary assistance in terms of monitoring, supervision, information, or expertise as case may be, which are required for the successful implementation of this EMP. Furthermore, the Pollution Control and Waste Management Bill has identified various government ministries namely MAWLR, MURD, MWT and MME, to oversee pollution control and waste management in Namibia.

2.9. The Environmental Assessment Practitioner (EAP)

The environmental assessment practitioner is responsible for the submission of Environmental Reports to the Ministry of Environments, Forestry and Tourism; and

provide additional information regarding the proposed Motor Vehicle Repair Garage study, whenever required by interested and affected parties. The EAP should also be available to provide training and environmental education on this EMP on appointment by the proponent. EAP should also be available to make amendments or additions to this EMP in accordance with the recommendations of the EIA study.

3. Environmental Management Requirements

The Accomplishment in implementation of this EMP is subject to different factors that needs to be prepared. Training, awareness, record keeping, enforcements and monthly reporting are some of the vital sectors required.

3.1. Environmental awareness training

Training needs to be offered to all employees, contractors and sub-contractors involved in all sectors of the project about the protection of the environment and methodologies on how to go about mitigating possible impacts on the environment before commencement of any work. The proponent is responsible for briefing before any contracts are awarded onsite and such record of trainings should be kept.

3.2. Record keeping

There is a need for record keeping or filling system for the project regarding the implementation of the EMP, which records all trainings and the dates they were offered. Thereafter audit reports and all public complaints must be recorded. Such record should be kept for a minimum period of not less than two years after completion of the project, and such records must be supplemented by photographs.

3.3. Enforcements: Non-compliance and penalties

Upon approval of this EMP by MEFT, this document shall be considered as legally bidding, and in cases of contraventions and disobedience of this EMP, the offender should be liable to a penalty. Contraventions should be recorded in a dedicated register and be filed. The Proponent should penalize the offender based on the nature of the environmental damage.

3.4. Environmental Reports

The proponent shall be responsible for the compilation of the project completion report and must indicate the environmental performance and matter of incidental. The EAP will conduct regular monitoring of project activities during all project phases and keep records. These records may be required by the competent authority when deemed necessary.

4. Legal Requirements

As part of implementation of this EMP, the proponent must comply with the requirements of various national legislations.

Table 1: Applicable National Laws

Theme	Legal Framework	Relevant Provisions	
The	Namibian	National objectives	
Constitution	Constitution	Promote sustainable environmental welfare. Maintain biological diversity. Promotes sustainable utilization of biological natural resources. - Limiting over-exploitation of non-renewable	
		resources,	
Land Use	The Katima Mulilo Town Planning Scheme	Control land use and provide guided development within the town.	
	Urban and Regional Planning Act (Act 5 of 2018)	Consolidate laws related to urban and regional planning and provide a legal framework for special planning.	
Environmental	Environmental Management Act 7 of 2007	Requires that projects with significant environmental impact are carefully considered subject to an environmental assessment process as per the listed activity. The proponent cannot deviate from the principal activity of operating motor vehicle repair garage activities and access road, should the proponent want to change the land use, they should inform the competent authority to determine if and EIA is required for the new land use.	
Forestry	National Forest Act 12 of 2001	Tree species and any vegetation within 100m from a watercourse may not be removed without a permit.	
		Ensure compliance to the requirement of this Act to avoid disobedience.	

Labour	Labour Act 11 of 2007	Details requirements regarding minimum wage and working conditions (\$39-47). To establish a comprehensive labour law for all employers and employees; to entrench fundamental labour rights and protections. Regulate basic terms and conditions of employment; ensure the health, safety and welfare of employees; to protect employees from unfair labour practices; to regulate the registration of trade unions and employers' organisations; to regulate collective labour
	Employment Service Act, 8 of 2011	relations; to provide or the systematic prevention and resolution of labour disputes. Any employment to be done on this project (whether by the Proponent, Main Contractor, or Sub-contractors or any other service providers needs to be in accordance with the Labour Act. To provide for the establishment of the National Employment Service; to impose reporting and other obligations on certain employers and institutions; to provide for the licensure and regulation of private employment agencies; and to deal with matters incidental thereto. Any employment provided whether by the
		proponent or by contractor at this site must be in accordance with the Labour Act.
Health and Safety	Health and Safety Regulations GN 156/1997 (GG 1617)	Details various requirements regarding health and safety of labourers. Section 119 of this Act prohibits the existence of a nuisance on any land owned or occupied by the proponent.
		The site must be fenced off and employees handling equipment must be furnished with PPE at all times to ensure safety throughout the existence of the project

		Public Health and Environmental Act, 2015	The objectives of the PHE Act are to; • Promote public health and wellbeing • Prevent injuries, diseases, and disabilities • Protect individuals and communities from public health risks • Encourage community participation to create a healthy environment • Provide for early detection of diseases and public health risks
			Section 2 of the act requires that a). "Every local authority must take necessary reasonably and applicably measures to maintain its local authority area at all times in a hygienic and clean condition." b). Prevent occurrence of a health nuisance, unhygienic condition, an offensive condition, or any condition which could be harmful or dangerous to the health of a person within its local authority or the local authority area of another local authority"
Waste Pollution	and	Pollution Control and waste management Bill	The Bill serves to regulate and prevent the discharge of pollutants to Air and Water and provide General waste management. The bill further regulates the discharge of pollutants into the air, water, and general waste management. The bill provide outline for a mass
			management on pollution control and waste management in the country. Each authority identified by the bill should play waste management roles. Shall play its respective roles.
		Atmospheric Pollution Prevention Ordinance 11 of 1976	This Ordinance generally provides for the prevention of the pollution of the atmosphere and for matters incidental thereto. Part IV of this ordinance deals with dust control. Dust in the air forms part of air pollution as it affects occupational health and safety.

		According to the Ordinance, the Local Authority shall control and prevent atmospheric air pollution or emission of noxious or offensive gases by smoke.	
	Hazardous Substance Ordinance of 1974	This Ordinance provides for the control of toxic substance and thus also relevant for pollution control. It covers for the manufacturing, sale, use, disposal, dumping, importing, and exporting of hazardous waste.	
		Any use of hazardous substance must be in compliance with this ordinance. All hazardous substances must be disposed of at designated disposal sites.	
Services and Infrastructure	Road Ordinance 1972 (Ordinance 17 Of 1972)	Width of proclaimed roads and road reserve boundaries (\$3.1) Control of traffic on trunk and main roads (\$27.1) Rails, tracks, bridges, wires, cables, subways or culverts across or under proclaimed roads (\$36.1) Infringements and obstructions on and interference with proclaimed roads. (\$37.1) Distance from proclaimed roads at which fences are erected (\$38) The roads restrictions must be met, where not possible consent from the relavant authority must be obtained	
	Advertising on Roads and Ribbon Development Ordinance 30 of 1960		
Water	Water Resources Management Act 2004 and the Water Act No 54 of 1956	Sections 21(1) and 21(2) of the Water Act are required for the disposal of industrial or domestic wastewater and effluent. Prohibits the pollution of underground and surface water bodies (\$23(1)). Liability of cleanup costs after closure/abandonment of an activity (\$23(2)).	

Protection from surface and underground water pollution.

The effluent of human waste under these frameworks are the main focus; the use of mobile toilets during construction phase should be properly positioned while placement of permanent ablution facilities for the motor vehicle garage should be far from watercourse to avoid any seepage into existing water course, infiltration into soil and etc.

5. Implementation of the Environmental Management Plan

The proponent should play an important role in employing this EMP. This section provide a manner in which the EMP is to be implemented and also highlight responsibilities of all parties involved to perform their respective roles in accordance with this EMP.

Table 2: Management Plan: Planning and Design Phase

Environmental	Mitigation Measures	Roles and Respo	nsibilities
Impacts		implementation	monitoring
Materials for construction	Ablution facilities, car wash and storerooms should be located far away from the watercourse. The materials to be used for construction must be non-hazardous and such must be specified in the building plan.	Design Contractor	Proponent
Design of infrastructures	The architecture must design visually attractive drawings that feature with the local environment.	Design Contractor	Proponent
Safety of employees	Accommodation of a security personnel, by adding a security control room at the entrances and add a fence or boundary wall around the motor vehicle garage facility.	Design Contractor	Proponent
Accommodation of natural disasters in the building designs	The architect must design buildings with ease exists in terms of natural disasters like earthquake, and raise the DPC level of structures, as a measure to plan against the flood	Design Contractor	Proponent
Provision of Sanitation facilities	Provide ablution facilities for both employees and customers, as in accordance with Ministry of Health requirements	Design Contractor	Proponent, KMTC

Table 3: Proposed Mitigation Measures: Construction Phase

Environmental	Mitigation Measures	Roles and Respo	nsibilities
Impacts		implementation	monitoring
Clearing of vegetation for the motor vehicle garage and access road leads to habitant	Only clear on areas where infrastructures will be built, vegetation on open areas must be left alone. No animals should be killed	Building contractor	Proponent, KMTC, MEFT
destruction			
Impact on soil (compaction, excavation, contamination and erosion)	To only keep the heavy equipment that are needed at that point in time on site. To only compact on areas that needs compaction. Make sure the heavy machines to be used or kept on site during construction have no leakages and are properly fixed from leaking to contaminate the ground.	Building contractor	Proponent, KMTC, MEFT
Waste Generation, Pollution of groundwater and Surface Water (The Zambezi River and aquifers)	All waste to be contained not to penetrate to either surface or groundwater and be collected and only dispose-off at designated areas. Leaking vehicles and machineries to be fixed and kept out of site. Routine inspection for possible leaking to be done on machineries on site and, no littering of solid waste is allowed.	Building contractor	Proponent, MAWLR, MEFT, KMTC
Sanitation facilities for employees	There is a need to set up sanitation and ablution facilities on site to ensure hygiene, during construction phase (1 toilet with shower, 1 washing basin, 1 urinal) per 25 workers).	Building contractor	Proponent, KMTC

Traffic concestion	Construction vehicles should	Ruildina	Proposant
Traffic congestion due to	be marked with danger tape	Building contractor	Proponent, RA, MOWT,
construction	and reflectors to ensure	Cornidcioi	KMTC
vehicles	visibility from the distance.		NVIIC
veriicies	•		
	Clear sign boards should also		
	be displaced on both sides of the roads to warn all the road		
	users about the construction		
	site and vehicles. Peak traffic		
	hours may be avoided		
	(06h00-08h00 and 16:30-		
	18:30) to minimize traffic		
	congestion on public roads.	2 11 11	10.470
Increased noise	Work to be restricted to	Building	KMTC
due to	normal working hours and	Contractor	
construction	weekdays and reserve the		
	rest of the hours to allow		
	neighbors to rest from the		
	noise.		
Visual intrusion	Building designs needs to be	Building	MEFT,
due to waste	aesthetic and greener	Contractor	MOHSS,
generated during	environment must be		Proponent,
construction	promoted, more trees must		KMTC
	be planted to restore a		
	natural environmental look.		
	All building rubles and waste		
	should be collected and		
	disposed of at designated		
	waste disposals to avoid		
	pollution and nuisance		
	around the site. No solid		
	waste should be left to pile up		
	on site.		
Increase in dust		Building	MEFT,
and air pollution	to avoid emission of dust in	Contractor	MOHSS
because of	the air, and construction		
construction	vehicles to be properly		
vehicles	covered to avoid building		
	rubbles from falling and		
	dirtying the roads.		
	Furthermore, the access road		

	Γ		
	to be used must be cleaned		
	up from time to time.		
Increased risk for	Health education about		MOHSS,
employees to	malaria, sex education and	Contractor	KMTC
contract diseases	HIV/AIDS methods of		
such as HIV/AIDS	contraction should be		
and malaria	amongst the topic that		
	should be covered in the		
	induction meetings for all		
	employees working on the		
	project		
Health and safety	The project area should	Building	MOHSS,
measures for the	properly be fenced off and	Contractor	Proponent.
employees	marked with visible signage		KMTC
	as construction site and		
	workers must wear full		
	protection gears (PPE) with		
	dust masks to always minimize		
	the health risks of employees.		
	Training must be offered both		
	in relation to the job and to		
	offer first aid, subsequently		
	ensure first aid kits availability		
	onsite.		
	Appoint a health and safety		
	officer on site in accordance		
	with the labour act.		
	Will the label del.		
Increased water	Recycle water for	Building	NamWater,
consumption	construction activities	Contractor	KMTC
Creation of	The local community to be	Proponent	MOLEC
employment for	given priority when recruiting		IVIOLLO
the residents	to promote the local		
ine residents	'		
	,		
	empowerment of the local		
Archaeological	community.	Ruildina	Propopost
Archaeological	If there are any suspected	Building	Proponent,
resources	archaeological findings	Contractor	NHC
	during construction, they		
	need be reported to the NHC		
	in accordance with National		
	Heritage Act.		

Table 4: Proposed Mitigation Measures: Operation Phase

Environmental	Mitigation Measures	Roles and Respo	nsibilities
Impacts		implementation	monitoring
Contamination of groundwater from leaking pipes	Continuous care and maintenance of materials used for construction must be carried out to prevent leakage and contamination of groundwater. The workshops to be built at the motor vehicle garage must only dispose-off the chemical at	Proponent, Maintenance Contractors	MAWLR, KMTC
Waste generation	designated dumping sites. Solid waste to be generated during the operation of the motor vehicle garage should only be disposed-off at designated disposal sites	Proponent	KMTC, MEFT
Employment creation	Give preference to the local people		MOLEC
Traffic Congestion	Ensure smooth traffic flow, and no repaired cars extending in the road	Proponent	RA, KMTC, NAMPOL
Increased demand on electricity, water, (sanitation)	Enforce energy and water conservation measures	Proponent	NORED, Namwater, KMTC
Public Health and Safety from intruders	Appoint health and safety personnel to monitor health protocols. Install fence or boundary wall to demarcate off the motor vehicle garage. Have a security officer all the time assigned especially at the entrance to control who enters the premises.		MOSS, KMTC
Indoor Safety Issues	Always provide constant monitoring of employees' activities	Proponent	Contractor

Increased risk for employees and instructors to contract diseases such as HIV/AIDS and malaria	Offer sex education to employees Observe malaria and HIV/AIDS standard health measures as stipulated by WHO and MOHSS	The proponent	MOHSS,
Injury in workshops	Always have constant supervision of employees activities in the workshops Employees should always have protective clothing whilst in the workshops. Always have access to a first aid kit	Proponent	KMTC
Human-animal conflict	Educate the employees and warn them against swimming in the river or provoking wildlife around the town.	proponent	KMTC, MAWLR, MEFT
Waste Generation, Pollution of groundwater and Surface Water (The Zambezi River and aquifers)	All waste to be contained not to penetrate to either surface or groundwater and be collected and only dispose-off at designated areas. Oil from vehicles being repaired should be properly contained and only disposed at designated sites. No littering of solid waste is allowed.	Building contractor	Proponent, MAWLR, MEFT

6. Awarding of contracts

Any contractor to be given work must be requested to draft a satisfactory Waste Management Plan, which should specify where waste materials need to be disposed-off. Any tranches or burrow pits created because of this project needs to be rehabilitated.

The Implementation of this Environmental Management Plan should be included in the all construction contracts to all contractors to be employed in respect of this project.

7. Conclusion

The proponent plays the most important role to ensure the successful implementation of this EMP. The proponent remains at the center of all the activities, and prepares all documents, supervision, and award of contractors that will be employed for different purposes for the motor vehicle repair garage project.

This EMP will graduate as a legally binding document as soon as it is approved by the relevant authorities, and disobedience of this document will become punishable by law. This document was prepared based on the information that is provided at hand, and any changes or new development will require either change of the EMP or new environmental impact assessment.

This EMP will therefore serve as the bible of the motor vehicle garage project, and a copy must be always kept by the proponent. This document is only valid until the project is successfully implemented. The proponent is responsible to compile and submit annual reports to the relevant authority, and such authority is mandated to regularly monitor compliance of the project.