

#### **SCOPING REPORT (BID)**

# ENVIRONMENTAL IMPACT ASSESSMENT FOR THE ESTABLISHMENT AND OPERATION OF A PROPOSED FUEL SERVICE STATION PROJECT AT ONYATI, ONYAANYA IN OSHIKOTO REGION

#### **Prepared for (Proponent):**

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MINISTRY OF MINES AND ENERGY
MINISTRY OF AGRICULTURE, WATER AND LAND REFORM
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#### **PROJECT INFORMATION**

PROJECT TITLE: Construction of Fuel Service Station at Onyati Village, Onyaanya

Constituency of Oshikoto Region

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LOCATION:

| Waypoint | Latitude S  | Longitude E |
|----------|-------------|-------------|
| 1        | -18.217820° | 16.412451°  |
| 2        | -18.217672° | 16.412589°  |
| 3        | -18.217496° | 16.412401°  |
| 4        | -18.217643° | 16.412254°  |

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#### **ACRONYMS:**

OTA Ondonga Traditional Authority

MAWLR DAPEES Ministry of Agriculture, Water and Land Reform Directorate of

Agricultural Production, Extension and Engineering Services

MAWF Ministry of Agriculture, Water and Land Reform

MEFT Ministry of Environment Forestry and Tourism

MME Ministry of Mine and Energy
NamWater Namibia Water Corporation

NBRI National Botanical Research Institute

NORED Northern Regional Electricity Distributors

OEC Office of the Environmental Commissioner

PPE Personal Protective Equipment

BSC Business Success Consulting

DEA Directorate of Environmental Affairs

DSR Draft Scoping Report

DWA Directorate of Water Affair

EA Environmental Assessment

ECC Environmental Clearance Certificate
EIA Environmental Impact Assessment

EMA Environmental Management Act

EMP Environmental Management Plan

F Forestry Protected

GPS Global Position Systems

Ha Hectares

I & APs Interested and Affected Parties

#### 2. 1.0 INTRODUCTION

#### 1.1 Project Background

This Environmental Impact Assessment (EIA) report is prepared to provide information on the proposed construction and operation of a fuel service station along the B1 main road at Onyati Village in Onyaanya Constituency of Oshikoto Region. The Proponent for this project is Tatekulu Fillemon Shuumbwa Nangolo.

The proposed construction of Onyati Fuel Services Station is envisaged to meet the demand for fuel by transportation vehicles, industrial and household consumers at Onyati road intersection. Both the B1 Highway road as well as the Okankolo – Onyati road users will be serviced by the proposed service station as there is currently no facility in the area to cater for such transportation services and goods (fuel and fast food convenience shop).

The nearest fuel service stations are only found further out in neighbouring townships of Omuthiya and Onyaanya. Hence, the project Proponent realized that a commercial opportunity exists to establish a fuel service station at this remote area of Onyati. Once established, the proposed Onyati Service Station will be the second fuel service station in Onyaanya Constituency.

The land earmarked for the development of Onyati fuel service station measures 633 square meters in extent. The proponent intents to establish two fuel storage tanks with a combined storage volume capacity of 37,000 liters or 37 cubic meters. The first tank is for Petrol, with a storage capacity of 23,000 liters, whereas the second tank is for diesel storage, with a 14,000 liters capacity. This capacity is considered adequate to relief the demand for the current rate of traffic in the area.

In addition to the two fuel storage tanks, the proposed development will also put up a fast food convenience shop to cater for the consumer needs of travelers and Onyati Community. The size of the convience store will measure 60 square meter in extent.

#### 1.2 Rationale for establishing the Project

Firstly, the Namibia's National Energy Policy in terms of the downstream liquid fuel sector promote the improvement in security of supply of fuel through increased product storage, related infrastructure development, and the diversification of the market, as well as the enhancement of access to products, especially in the remote areas of the country.

Accordingly, the proponent would like to establish the fuel service station in order to improve access to fuel products to the consumers in the remote areas. And in meeting this demand for the consumer, contribute to the socioeconomic development of Onyati Area and earns the investment reward of establishing a successful and sustainable business.

#### 1.3 Purpose of the EIA

It is important to note that this scoping report is for activities of preconstruction, construction and consequent operations of a petrol and diesel fuel service station. The fuel station is listed as one of the activities that cannot be undertaken without an Environmental Clearance Certificate (ECC). This EIA process is in line with the regulations stipulated in the Environmental Management Act (EMA) No.7 of 2007 and its Environmental Impact Assessment Regulations (GN 30 in GG 4878 of 6 February 2012. All in all, the subjection of the project to the EMA No. 7 of 2007 forms the basis of this EIA.

It is also crucial to note that the EIA process will ensure that the proposed construction project is carried out in a manner which makes it technically sound, economically feasible, socially acceptable and environmentally sustainable. The EIA serves an important purpose:

- i. The EIA study serves to determine, analyses and presents the environmental impacts (**Positive** and **Negative**) of the proposed development project and associated infrastructure. An Environmental Management Plan (EMP) to mitigate the negative impacts and plan in such a way that enables a rational decision to be made regarding the implementation and management of the proposed project.
- ii. The EIA further contributes to mitigate the adverse impacts by generating a number of project alternatives for the proposed developments. In general, the purpose of the

EIA is to anticipate and prevent, minimise and manage, potential significant negative impacts on development that may: Cost too much money to rectify in future, Pose risk to lives, livelihood or health or current and future generations, Help to seek opportunities to optimise potential benefits of development.

- iii. The EIA process is expected to provide a mechanism whereby the overall environmental performance of the planned activity is enhanced through:
  - a) Identification of sensitive environmental components likely to be affected by the construction activity.
  - b) Identification and evaluation of the potential impacts associated with the preconstruction, construction and operation,
  - c) Preparation of construction plans and recommendations regarding measures that minimize adverse impacts and enhance beneficial impacts.

#### 1.4 Description of Activities

Activities involved in the process of project implementation include preconstruction, construction and operation.

#### 1.4.1 Preconstruction

This project phase involves the planning, designing and documenting the project. The preconstruction phase cover activities such as the feasibility and environmental studies that are aimed at attaining sustainable development goals. In terms of the Environmental Impact Assessment, the EMP as part of the planning phase the necessary mitigation and corrective action to be taken to minimize potential impacts.

#### 1.4.2 Construction of a fuel service station and convenience store

This phase involves the actual development of the project infrastructure. The impacts during this phase such as pollution, noise and dust usually occur immediately. Hence,

the site should be monitored constantly during the construction phase, in order to prevent and minimize the negative impacts as directed in the Environmental Management Plan and by applying sound environmental management. *The activities during the construction phase include:* 

- Excavation of trenches and pits for services and infrastructure
- Installation through engineering supervision services the underground storage tanks,
   oil separator, spill control infrastructure, submersibles, generator and dispensing
   pumps
- Electrical reticulation above and below the ground
- Construction of buildings, paving, pump islands, storm water drainage, site access streets and related infrastructure.
- The transportation of equipment, components, machines and building material to site
- Site clean-up and housekeeping.

#### 1.4.3 Operation of the fuel service station

The operational phase involves the operational activities of the project, in order to achieve the intended purpose. The activities include:

- Filling underground storage tanks with fuel from fuel tankers,
- Fuel dispensing into vehicles and approved containers
- Tyre pumping operations
- Operations of the kitchen and onsite shops
- Site clean-up and housekeeping
- Traffic generated by vehicles

#### 1. LEGAL REGULATORY FRAMEWORK

The current Environmental Management Act (No. 7 of 2007) is based on the need to take an integrated approach to environmental management and the need to work towards the goal of sustainable development. Furthermore, there are other laws that need to be complied with accordingly;

#### 2.1 Constitution of the Republic of Namibia (1990)

The Namibian Constitution commits the Government of Namibia to sustainable utilisation of Namibia's natural resources for the benefit of all Namibians. Article 95 of the constitution states that "the State shall actively promote and maintain the welfare of the people by adopting, inter alia, policies aimed at maintenance of ecosystems, essential ecological processes and biological diversity of Namibia and utilisation of natural resources on a sustainable basis for the benefit of all Namibians both present and future."

#### 2.2 Environmental Management Act, 2007 (Act No. 7 of 2007)

The issuing of an Environmental Clearance Certificate is based on the review of the Environmental Assessments (EA) reports prepared in accordance with the Environmental Management Act (2007) and the Environmental Impact Assessment Regulations, 2012.

#### 2.3 National Energy Policy of Namibia

The Ministry of Mines and Energy is responsible for the development and implementation of wider energy legislation and institutional mechanism including the overall control of energy.

The National Energy Policy's main goals are to ensure the security of all relevant energy supplies to the country; to create cost-effective, affordable, reliable and equitable access to energy for all Namibians; to promote the efficient use of all forms of energy; and to incentivise the discovery, development and productive use of the country's diverse energy resources.

The National Energy Policy also presents the main policy issues for each of Namibia's main energy sectors, namely, the electricity sector, the upstream oil and gas sector, the downstream liquid fuels sector, the downstream gas sector, and the thermal energy sector.

In this case the Onyati Project activities are associated with the liquid fuel sector. For the downstream liquid fuels sector, the key policy thrusts are to improve security of supply through increased product storage, related infrastructure development and the diversification of the market, and to enhance access to products, especially in the remote areas of the country.

#### 2.4 Petroleum Regulations (1991 and 2000)

The regulations serve to regulate the purchase, sale, supply, acquisition, usage, possession, disposal, storage, transportation, recovery and refinement of used mineral oil are published under the Petroleum Products and Energy Act 13 of 1990. Mantaining standards and avoidance of environmental harm caused by the keeping, handling, conveying, using and disposing of petroleum products must be done in line with this regulations.

#### 2.5 Petroleum Products and Energy Act 13 of 1990 and subsequent amendments

It gives control over the storage of refined petroleum products, and to provide for matters incidental thereto. The handling and discharge of oil products must be conducted in line with this act.

#### 2.6 The Public Health Act 36 of 1919 and subsequent amendments

This Act prohibits the existence of a nuisance such as noise and odors. The proponent should be familiar with the provisions of this act,to control impacts and nuisances.

# 2.7 Hazardous Substances Ordinance (14 of 1974) as amended by the Atomic Energy Radiation Protection Act (2005)

The ordinance controls substances with potential to cause injury or illhealth or death of human beings because of their toxic, corrosive, irritant, strongly sensitizing or flammable nature. There are many products that are covered under this Act including petroleum fuels and

lubricants. In terms of operations, the Hazardous Substances Ordinance, 1974 directs that the manufacturing, storage, handling and processing of a hazardous substance should be done in line with the ordinance. It also regulate the construction of service stations and facility for the underground and aboveground storage of dangerous goods, including petrol, diesel, liquid, petroleum, gas or paraffin.

The proponent should implement necessary measure and take precaution throughout the product lifecycle: from receiving, storage, product use and disposal. In cases were special storage facilities are required the Proponent should provide as such.

#### 2.8 Atmospheric Pollution Prevention Ordinance (Ordinance 11 of 1976)

This ordinance provides for the prevention of air pollution. Measures are required to ensure that dust emanating from construction activities is kept at an acceptable levels and operations.

#### 2.9 Water Act, 1956 (Act No. 54 of 1956)

The Water Act, Act No. 54 of 1956 is in force. The Act makes provision for a number of functions pertaining to control and use of water resources, water supply and protection of water resources.

The Directorate of Resource Management within the Department of Water Affairs (DWA) at the MAWLR is currently the lead agency responsible for management of surface and groundwater utilisation through the issuing of abstraction permits and waste water disposal permits. DWA is also the Government agency responsible for water quality monitoring and reporting.

#### 2.10 Labour Act (Act No. 11 of 2007)

The purpose of the Act is to "consolidate and amend the labour law; to establish a comprehensive labour law for all employers and employees; to entrench fundamental labour rights and protections; to regulate basic terms and conditions of employment; to 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 relations; to provide for the systematic prevention and resolution of labour disputes; to establish the Labour Advisory Council, the Labour Court, the Wages Commission and the labour inspectorate; to provide for the appointment of the Labour Commissioner and the Deputy Labour Commissioner; and to provide for incidental matters.

#### 2.11 National Waste Management Policy (2010)

The essence of the National Waste Management Policy, 2010 is to prevent and reduce health risks associated with exposure to healthcare substances, household, radiation and other waste from healthcare workers, waste handlers and public by promoting sound environmental waste management practices. In addition, to design appropriate means of safe and sustainable waste management. In order to achieve lasting positive impact on health and environment, any new program should be subjected to sustainability assessment before implementation.

#### 2.12 BEST PRACTICES IN ESTABLISHING SERVICE STATIONS IN NAMIBIA

In addition to the legislative framework, the proponent is also made aware of the industry standards and best practices of establishing and managing service station in Namibia.

#### 2.12.1 Applicable Industry Standard Requirements:

Namibia is yet to develop its own industry standards, but the following industry and engineering designs control standards from the South Africa's Beareua of Standards are currently used by the Ministry of Mines and Energy and service stations to mitigate risks associated with liquid oil. These standards are adopted from an industry study, J. Antonius (2020);

TABLE 1: INDUSTRY STANDARDS

| Industry Standard  | Descritpion  |
|--------------------|--|
| SANS 100131 (1977) | The storage and Handling of Liquid Fuel. Part 1: Small   |
|                    | Consumer Installations.                                  |
| SANS 100131 (1979) | The storage and Handling of Liquid Fuel. Part 11: Larger |
|                    | Consumer Installations                                   |

| SANS 10400 (1990)   | The application of the National Building Regulations           |
|---------------------|--|
|                     |  |
| SANS 10089-1 (1999) | The petroleum industry Part 1: Storage and distribution of     |
|                     | petroleum products in above-ground bulk installations          |
| SABS 0131 (1999)    | The petroleum industry Part 3: The installation,               |
| SADS 0131 (1999)    |  |
|                     | modification, and decommissioning of underground storage       |
|                     | tanks, pumps/dispensers and pipework at service stations       |
|                     | and consumer installations                                     |
| SANS 10089-2 (2002) | The petroleum industry Part 2: Electrical installations in the |
|                     | distribution and marketing sector                              |
| SANS 1186-1 (2003)  | Symbolic safety signs Part 1: Standard Signs and General       |
|                     | Requirements   |
| SANS 10142-1 (2003) | The wiring of the premises Part 1: Low-voltage installations   |
| SANS 1535 (2003)    | Glass-reinforced polyester-coated steel tanks for the          |
|                     | underground storage of hydrocarbons and oxygenated             |
|                     | solvents and intended for burial horizontally.                 |
| SANS 10131 2004     | Above-ground storage tanks for petroleum products              |
| SANS 10089-3 (2010) | The petroleum industry Part 3: The installation,               |
|                     | modification, and decommissioning of underground storage       |
|                     | tanks, pumps/dispensers and pipework at service stations       |
|                     | and consumer installations.                                    |
| SANS 1020 (2013):   | Power-operated dispensing devices for flammable liquid         |
|                     |  |
|                     |  |

#### 3. PROJECT DESCRIPTION

#### 3.1 Overview

The proponent intents to construct and operate a fuel service station at Onyati village in Onyaanya Constituency of Oshikoto Region. The earmarked land for the development which is located in a communal land has already been allocated by both the village headman and Ondonga Traditional Authority.

#### 3.2 Location

The proposed Onyati Fuel Service Station will be situated along the B1 highway road, about 30 km from Omuthiya Town and 50 Km from Ondangwa Town. A portion measuring 633 square meters (633m<sup>2</sup>) is allocated to the proponent exceptionally for the proposed development.

TABLE 2: GPS COORDINATES FOR THE PROPOSED SERVICE STATION

| Waypoint No. | Latitude S  | Longitude E |
|--------------|-------------|-------------|
| 1            | -18.217820° | 16.412451°  |
| 2            | -18.217672° | 16.412589°  |
| 3            | -18.217496° | 16.412401°  |
| 4            | -18.217643° | 16.412254°  |

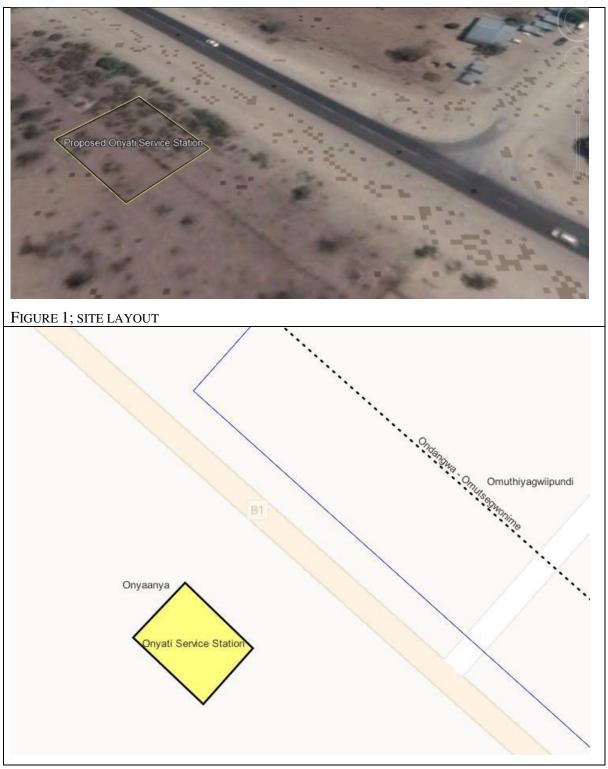


FIGURE 2: SITE POSITION

#### **Section 4**

#### 4. DESCRIPTION OF THE RECEIVING ENVIRONMENT

#### 4.1 General Overview

This section presents the description of the natural environment that may be affected by activities proposed in the study area. The EIA aims to identify the environmental impact that the proposed construction and operation of Onyati Service Station might have on the environment, and this section put into perspective of how the environment is before the development.

#### **4.2 Physical Environment**

#### 4.2.1 Climatic

The Oshikoto Region has rainfall annual average that range from 350 mm in the south-west to 550 mm in the north-east. Usually most of the rain falls between November and April with a peak in February. Temperatures usually reach 45° C in summer, but relatively easy to bear due to high humidity (Mendelsohn, 2003).

During April to October, the Oshikoto region does not receive any rain and average minimum temperatures range between  $4^{\circ}$  and  $50^{\circ}$  C. In general the summers are hot and winters are mild but the nights are cold.

#### 4.2.2 Water Source / Supply

The water is being supplied by NamWater through major pipelines between Ondangwa and Omuthiya Town, (Mandelhson et al 2000). The new Fuel Service Station will also be connected to a supply point branching from the main pipeline, which is less than 20m from the proposed site.

#### **4.3 Power Supply**

The power available in the area is distributed by Nored. The existing power supply in the area is sufficient to cater for the proposed service station. The energy requirement for the project is not expected to have any significant impact on the overall electricity demands at Onyati.

#### 4.4 Topology

The ground topography at the project area is flat, and during the rainy season most of the rainwater is mainly absorbed into the soil. However, the adjacent B1 main road is slightly elevated and hence the rainwater from main road will drain towards the development. An appropriate drainage system has therefore to be installed.

#### 4.5 Geology

There are no geological rocks of any kind encountered anywhere on-site, and around the project area. The proposed project will be situated in the Ovambo basin. Namibia has a unique and ancient geological history with great rock formation and the Ovambo basin is no exception (Kangombe, 2010). The region lies on old continental base of graphite, gniesses, and volcanic rock. However most of this rock lies thousands of meters below the current land scape (Mendelsohn, Obeid, & Roberts, 2000).

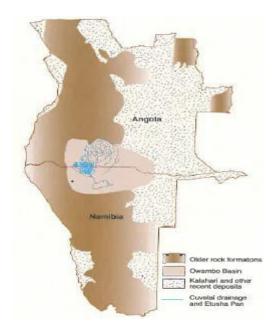


FIGURE 3: MAP OF THE OVAMBO BASIN. (SOURCES, MANDELHSON, OBEID, AND ROBERTS 2000)

#### 4.6 Hydology

There are no permanent surface water observed in the locality of the project site such as such as ponds and canals.

#### 4.7 Socio – Economic Enviroment

The Namibian economy is not growing at the desired pace to create economic opportunities for the active population. Unemployment is a serious problem in Namibia particularly amongst the youth segment of the population, of which Oshikoto Region is no exception. There are limited economic opportunities in rural areas of Oshikoto Region, where most of the population reside. Energy plays a crucial role in economic growth and development. The proposed service station will create employment opportunities during its construction and operational phases. 25 people will be employed during construction and 10 durinng operation.

#### 4.8 Biophysical Environment

A thorough evaluation of the natural ecosystem was undertaken and it was found that there is very little biodiversity on the proposed project site since the land is on the growth point where there are also many existing businesses. The natural ecosystem of the project area has since been disturbed by the previous land use of farming activities.

#### 4.8.1 Flora observed

The piece of land earmarked for the construction of Onyati is already disturbed and cleared as it is within a mahangu field. During the screening assessment, a few shrubs of *Pechuel-loeschea leubnitziae* (*locally known as iizimba*), two acacia karroo and grass species of *Eragrostis trichophora* were observed. There are no protected trees in the proposed project area.



Acacia Karroo



FIGURE 4: SOME OF THE FLORA OBSERVED





West view

FIGURE 5: SITE LAND OVERVIEW

TABLE 3: FLORA OBSERVED AND EXPECTED TO OCCUR IN THE PROJECT AREA

| Species                 | Present Inside Site | Expected     |
|-------------------------|---------------------|--------------|
| Hyphaene petersiana     |                     | 1            |
| Acacia Karroo           | V                   |              |
| Eragrostis trichophora  | $\sqrt{}$           |              |
| Colophospermum mopane   |                     | $\sqrt{}$    |
| Terminalia pruinoides   |                     | $\sqrt{}$    |
| Eragrostis trichophora  |                     | V            |
| Aristida stipoides      |                     | $\checkmark$ |
| Odyssea paucinervis     |                     | √            |
| Eragrostis trichophora  |                     | $\checkmark$ |
| Cleome gynadra          |                     | √            |
| Cyperus compressus      |                     | $\checkmark$ |
| Cynodon dactylon        |                     | √            |
| Diospyros mespiliformis |                     | 1            |
| Crotalaria podocarpa    |                     | V            |
| Sesamum triphyllum      |                     | √            |
| Dichrostachys cinerea   |                     | V            |

| Hirpicium gorterioides           |   | V         |
|----------------------------------|---|-----------|
| Kohautia virgata                 |   | $\sqrt{}$ |
| Terminalia sericea               |   | V         |
| Solanum delagoense               |   | $\sqrt{}$ |
| Tephrosia burchellii             |   | V         |
| Berchemia discolor               |   | V         |
| Tribulus zeyheri                 |   | V         |
| Pechuel-loeschea leubnitziae     | V |           |
| Sclerocarya birrea subsp. caffra |   | V         |

#### 4.8.2 Fauna observed

The site area does not provide suitable habitats for lager animals but only for small animals like mouse and reptiles. Part of the area is used by the villager for grazing their domestic animals like: cattle's, goats, donkeys and sheep's and whereas the other portion which is fenced was previously utilized for crop production (Mahangu).

According to Newman's birds by colour, commonality in Southern Africa (Keneth Newman, 2000), the following birds are to be found in the area. However this list is not exhaustive because birds have no boundaries;

TABLE 4: BIRDS IN THE PROJECT AREA

| Item No. | Birds                 |
|----------|-----------------------|
| 1.       | Laughing dove         |
| 2.       | Grey backed finchlark |
| 3.       | Palm swift            |
| 4.       | Yellow canary         |
| 5.       | Streaky headed canary |
| 6.       | Monteiro Hornbill     |
| 7.       | Red eyed bulbul       |
| 8.       | Black chested prinia  |

| 9.  | Namaqua sandrouse |
|-----|-------------------|
| 10. | Social Weaver     |
| 11. | Pied Crow         |

#### 5. ANALYSIS OF ALTERNATIVES

The piece of land for the proposed project was allocated to the proponent exclusively for the construction of a service station. There was no alternative site because the proposed site is the only piece of land allocated by the headman to the proponent. This piece of land was considered because it is easily accessible, with very little vegetation to clear and its strategic location at the intersection. The advantage of establishing a service station at the intersection is that it does not interfere with traffic congestion, and at the same time provide greater access to fuel for motorists stopping at the junction.

There is also currently a lack of vehicle filling stations in Onyaanya Constituency and therefore the construction of Onyati Service Station at this piece of land will help alleviate this problem. There will be atleast two service stations in the constituency, one at Onyaanya and the proposed at Onyati. *Besides location, alternative is also considered for bricks, and sewerage tanks:* 

Two type of bricks are taken in to consideration:

- i. Clay bricks are superior building material for both people and the planet. They are supported by the fact that bricks contribute toward green building credits at an international level. They are also mostly used as decorative and therefore save on plaster and paint (Reduces maintenance) during the initial construction of building, they are also environmentally friendly because they regulate temperature.
- ii. Concrete bricks and reinforcement concrete are far from being biodegradable and environmental friendly. However, the concrete bricks have much more compressive strength, and are water resistant and therefore do not absorb water. This makes them almost waterproof and it is beneficial for construction activities.

There are two type of onsite sewage treatment septic tank or aerobic tank:

i. Septic tank, implies anaerobic conditions (bacterial action in the absence of air). There are two components of a septic tank system: the septic tank itself, which removes the solid matter, and the subsoil disposal system (trench bed, leach field), which receives the effluent from the septic tank (Steven, Walter, & Moberg, 1973).

ii. Aerobic tank are similar to septic tank however they have three compartments compared to two or one in the septic tank. Aerobic tank can achieve an effluent of lower BOD (biological oxygen demand) than septic tanks, typically in the 20 to 100 mg/l range, but certainly not fully stabilized. Further treatment can be achieved by chlorine and subsurface discharge in soils. Aerobic tanks are expensive to run compared to septic tanks and require regular maintains but are Environmentally friendly compared to septic tanks (Steven et al., 1973).

#### **Section 6**

#### 6. PUBLIC CONSULTATION

Public consultation is an important component to the Environmental Impact Assessment process. The Environmental Management Act (EMA No 7 of 2007) and the Environmental Impact Assessment Regulations of 2012 directs that a public consultation process should be undertaken.

Moreover, public consultation present a unique opportunity to the community to be involved in the decision making and implementation of development undertakings. The process of involving the public also serves to provide sufficient and accessible information to the public in an objective manner.

#### 6.1 Purpose of Public Participation

In order to embrace the best practices of conducting Environmental Impact Assessments, the Namibian Environmental Assessment Policy of 1994 made a mandatory requirement for the EAP to carry out public consultations. This is in line with national legislations that promotes participatory democracy in the development process. *The purpose of the public participation process further serves to:* 

- Provide information on the proposed projects to Interested and Affected Parties.
- The provision of pertinent project information establishes the public's interests, concerns and expectations.
- To obtain important inputs and comments from the public and key stakeholders

#### 6.2 Key Stakeholders to the Public Consultation Process

The stakeholders consulted during the public consultation comprises of:

- Ministry of Mines and Energy in Namibia
- Ministry of Environment, Forestry and Tourism
- Onyati Community Members

- Ondonga Traditional Authority
- Onyaanya Constituency Office
- Oshikoto Regional Council
- Oshikoto Regional Governnor's Office

#### **6.3 Public Consultation Process**

#### **6.3.1** Consultation with Key Stakeholders

During the scoping process, the Background Information Document was provided to the key stakeholders together with comment sheets. The purpose of the BID document was to provide the project information and to invite commends from the key stakeholders listed above in Section 6.2. No input was received from the key stakeholders.

#### 6.3.2 Consultation with I&As

#### 6.3.3 and Public

#### a) Newspapers publications

The scoping process was publicized through adverts in the New Era on 8<sup>th</sup> and 15<sup>th</sup> June 2022 and the Confidente Newspaper on the 08<sup>th</sup> and 11<sup>th</sup> July 2022. The newspaper publications invited stakeholders and members of the public to register as IAPs in order to submit their commends. The copy of the adverts are attached hereon, *annexture 1*.

#### b) Site notices

The site notices were placed at various bottle stores at Onyati Intersection location as well as at Onyaanya Constituency Office on the  $8^{th}$  *June 2022*.

#### c) Public Consultation Meeting

There was no public consultation meeting held due to the prevailing conditions of Covid-19. Considering the fact that the country was facing the 3<sup>rd</sup> wave of Covid-19 infection, the the public health regulations prohibited public gatherings.

#### **Section 7**

#### 7. ENVIROMENTAL IMPACTS

The main purpose of this section is to identify and assess the most significant environmental impacts by describing the measurable aspects of these impacts. The mitigation measures of these possible impacts will be provided in order to minimize the extent of the impacts resulting from various activities during the construction and operational phases.

Therefore, the impact assessment process entails the preliminary identification and consideration of both positive and negative impacts on the biophysical and socio-economic environments.. The identified potential impacts that are considered to be significant during the scoping process were studied further in this EIA study.

#### 7.1 Method of Assessment

The assessment is carried out in tabular form to facilitate the evaluation, followed by mitigation measures. In order to determine significance, each potential impact was subjected to a range of assessment criteria listed below.

TABLE 5: CRITERIA USED TO DETERMINE THE SIGNIFICANCE OF IMPACTS AND THEIR DEFINITIONS

| CRITERIA | DESCRIPTION  |
|----------|--|
| Nature   | This criteria indicates whether the proposed activity has a      |
|          | Positive or Negative impact on the environment                   |
| Extent   | This criteria measures whether the impact will be:               |
|          | Site specific: Confined to the immediate vicinity of the project |
|          | Local: limited to within 15 km of the project area               |
|          | Regional: limited to about 100 km radius                         |
|          | National: limited to within the borders of Namibia               |
|          | International: Beyond the borders of Namibia                     |

| Duration                 | This criteria looks at the time frame for which the impact will  |
|--------------------------|--|
|                          | be experienced:  |
|                          | Short term: days, less than a month                              |
|                          | Medium term: months, less than a year                            |
|                          | Long term: years, less than 10 years                             |
|                          | Permanent: more than 10 years                                    |
| Frequency                | This criteria refers to the return period for impacts which will |
|                          | recur over and over again  |
|                          | Less than a year   |
|                          | 1 to 10 years  |
|                          | 10 to 100 years.   |
| Reversibility            | This criteria refers to the permanence of the impact             |
|                          | Reversible: natural  |
|                          | Reversible: artificially   |
|                          | Irreversible: permanent damage                                   |
| Likelihood of Occurrence | This criteria refers to the possibility of a particular impact   |
|                          | occurring as forecast.   |
|                          | Highly likely: Is expected to occur in most circumstances        |
|                          | Likely: Will probably occur during the life of the project       |
|                          | Possible: Might occur during the life of the project             |
|                          | Unlikely: Could occur but considered unlikely or doubtful        |
|                          | Rare: May occur in exceptional circumstances                     |

#### 7.2 Impacts

The main purpose of this section is to identify and assess the most significant environmental impacts by describing the measurable aspects of these impacts. The mitigation measures of these possible impacts will be provided in order to minimise the extent of the impacts resulting from various activities during the construction and operation phases.

These identified potential impacts have been assessed. Mitigation measures are proposed for each identified impacts in the EMP Section.

#### 7.2.1 Socio-economic impacts

The proposed construction of the Service Station is expected to boost the economic activities of Onyati Village. Moreover, the proposed development will promote the improvement in security of supply of fuel through increased product storage and related infrastructure development. Other socio-economic impacts include:

- Employment creation in Onyati Village
- Enhanced Local Economic Development
- Infrastructure development
- To improve accessibility of fuel products to the area residents and motorists in the areas

#### 7.2.2 Air quality impacts

The proposed establishment of Onyati service station will comprises of a number of construction activities which involves the use of heavy industrial machinery and earthmoving equipment. The use of heavy industrial machinery will emit dust that will impact the air quality. Dust might also arise during the excavation of trenches were the foundation will be laid, the clearing of vegetation and levelling of land will also result in dust.

Considering the sand soil texture at Onyati, it is important that dust suppression techniques are employed to reduce dust emission during construction. The sand loads in teeper trucks should be during transportation, spray vehicle tracks and avoid dust emiting activities on windy days.

The air quality can also be impacted during operation. The hydrocarbon vapours contains volatile organic compounds, which harm human health and contribute to ozone pollution. The motor vehicles produce carbon monoxide, and therefore should not be left with running engines while idling.

#### 7.2.3 Noise Pollution

Excessive noise is generated from heavy trucks during the construction process of a service station. Construction vehicles and equipment such as Loader Backhoes, Concrete mixer, other machineries used in the construction phase can be a nuisance and disturbance to the community members. Noise impacts from the construction phase can be mitigated by restricting heavy duty work to normal working hours, and ensuring that vehicles and machines are consistency serviced to minimize noise.

#### **7.2.4** Sewage

Sewage will be generated by the ablution facilies at the proposed service station. It is therefore very important to construct appropriate septic tanks for the management of this type of waste. Failure to manage waste properly will result in pollution and this might have a detrimental impact on the people's well-being and the quality of the environment, especially those that live in the vicinity of the development.

#### 7.2.5 Health and safety

Firstly, the potential impacts on human health and safety resulting from project activities could include occupational accidents and injuries, vehicle accidents, exposure to weather extremes, adverse health effects from dust generation and emissions, and contact with hazardous materials.

Secondly, hydrocarbons are hazardous and hence the inhalation of fumes should be prevented. Fuel, oil spills and water at the service station can put workers and customers at the risk falling.

Thirdly, the use of compressed air to fill tires can also be dangerous. Although it is not common, tyre explosion can be extremely dangerous to the employees. High pressure from the air compressor can also shoot small objects from the floor that can pierce people. The employees should be well oriented with the Health and Safety plan. The service should also be kept tidy.

Fourthly, theft and robbery put the lives of employees of service stations at risk. Measures should be put in place for their safety.

#### 7.2.6 Fire Risk and Control

Fire explosion should be prevented at all costs during the operation of service station. Fuel is extremely flammable. All fuel should be handled according to Material Safety Data Sheet instructions and SANS requirements to prevent fire explosion.

#### 7.2.7 Biodiversity loss

The proposed project will involves site clearing that will lead to biodiversity loss. The identified site has very little vegetation and there are no protected trees. However, the few shrubs of Pechuel-loeschea leubnitziae, two acacia karroo and grass species of Eragrostis trichophora will be cleared. The little fauna such as reptiles, and the birds will also be driven away from their habitat by the construction noise.

#### 7.2.8 Solid and hazardous waste management

The potential impacts of improper housekeeping practices during construction and operation such as illegal disposal of waste to land could contaminate and pollute the soil which in turn could pollute the Environment and the visual appearance. Solid waste such as cans, lumber, steel scrap, plastics, cement bags, bricks, general rubbish, domestic waste will be generated during the construction and operation phases.

Therefore, a skip containers of adequate design and capacity should be provided for solid waste, such as discarded cans and bottles. Proper facilities for storage and disposal of used and waste oil and gas must also be provided.

#### 7.2.9 Traffic Congestion

The proposed Onyati fuel service station will have slight effect on the traffic flow along the B1 Main Road as vehicles are expected to slow down when approaching the service station. However the impact will be minimal because of the strategic location of service station near the T –junction, as vehicles are mandated to slow down at the junctions anyway. The traffic flow will also be enhanced by providing sufficient parking space at the station, and by constructing acceleration and deceleration lanes at the B1 main road.

#### 7.2.10 Soil and underground Water Pollution

The inappropriate storage and handling of hydrocarbon products present a risk groundwater and soil pollution. To mitigate the potential impact of groundwater and soil pollution, the ground level surfaces of the project site must be covered with an impermeable material. In cases where the water table is high, a single steel walled tanks or double-walled steel tank, should be installed. Moreover, suitable sand shall also be used for both bedding and backfilling of steel tanks.

#### 7.2.11 Visual Impacts

The general visual of the project area has been altered by the amount of developments which have been carried out in the area over the years. The proximity of the site is surrounded by overhead power lines, and business buildings at the growth point. The development is therefore expected to blend in well with the existing structures and infrastructures in the area. No significant impacts.

#### **Section 8**

# 8. ENVIRONMENTAL MANAGEMENT PLAN FOR THE PROPOSED CONSTRUCTION OF A SERVICE STATIN AT ONYATI, ONYAANYA CONSTITUENCY OF OSHIKOTO REGION

#### 8.1 EMP Administration

This section of the report serves to prescribe mitigation measures to reduce, limit, eliminate or compensate for impacts, to acceptable or insignificant levels. In setting mitigation measures, the practical implications of executing these measures are considered. With early planning at all level of implementation, both the cost and the impacts can be effectively eliminated or minimized to insignificant levels.

This section also outlines the roles and responsibilities of all stakeholders to ensure that the EMP is fully implemented. The proponent has extensive experience in managing service station, and therefore will ensure the successful implementation of the EMP and its administration.

#### **8.1.1** Socioeconomic impacts:

TABLE 6: ASSESSMENT OF IMPACTS ASSOCIATED WITH SOCIOECONOMIC IMPACTS AND MITIGATION

| Socioeconomic | Nature | The proposed service station will support the socio-   |
|---------------|--------|--|
| Impact        |        | economic development of the people of Onyati           |
|               |        | Village. Energy plays a crucial role in economic       |
|               |        | growth and development. The proposed service station   |
|               |        | will create employment opportunities during its        |
|               |        | construction and operational phases. 25 people will be |

|               | employed during construction and 10 people during  |
|---------------|--|
|               | operation. Positive Impact.  |
| Extent        | Local  |
| Duration      | Permanent: more than 10 years  |
| Frequency     | 10 to 100 years.   |
| Reversibility |  |
| Likelihood of | Highly likely: Is expected to occur in most  |
| Occurrence    | circumstances  |
| Mitigation    | The proponent should timely and continuously communicate and distribute information to the local community to reduce potential sense of social marginalization, but to make the community understand and participate in the benefits associated with the construction of the service station. For instance:  • The contractor should employ local labour from Onyati surounding villages where possible. |
|               | <ul> <li>The employment criteria and requirements should be formalised. All unskilled labour should be sourced from local communities.</li> <li>Provisions promoting gender equality pertaining to recruitment should be included within bidding documents concerning the</li> </ul>   |
|               | <ul> <li>Promote skills development and training for<br/>the employees. The successful operation of<br/>the proposed business depents on a</li> </ul>  |

|                   | competent team of staff, and consequently a success energy sector is crucil for GDP growth.  • The proponent must ensure that the contractor is indeed following the guidelines as prescribed in this EMP. |
|-------------------|--|
| Responsible party | Proponent  |

# 8.1.2 Air Quality Impacts

TABLE 7: ASSESSMENT OF AIR QUALITY IMPACTS AND MITIGATION

| <b>Dust Impacts</b> | Nature        | The use of heavy industrial machinery will emit dust    |
|---------------------|---------------|---|
|                     |               | that will impact the air quality. Dust might also arise |
|                     |               |   |
|                     |               | during the excavation of trenches were the              |
|                     |               | foundation will be laid, the clearing of vegetation     |
|                     |               | and levelling of land will also result in dust.         |
|                     |               |   |
|                     |               | The air quality can also be impacted during             |
|                     |               | operation. The hydrocarbon vapours contains             |
|                     |               | volatile organic compounds, which harm human            |
|                     |               | health and contribute to ozone pollution. Negative      |
|                     |               | impact.   |
|                     | Extent        | Site specific. Depending on the wind speed              |
|                     | Duration      | Short term  |
|                     | Frequency     | Less than a year  |
|                     | Reversibility | This impact is reversible: naturally                    |
|                     |               |   |
|                     | Likelihood of | Likely to occur   |
|                     | Occurrence    |   |

| Mitigation        | Dust suppression techniques should be employed if the specific activity is likely to create dusty atmospheric conditions in excess of the periodic extremes.   |
|-------------------|--|
|                   | Avoid activities that create excessive dust on extremely windy days. Personnel are required to wear personal protection equipment (PPE) such as dust masks if excessive dust is created for prolonged working periods. |
|                   | Using water to suppress dust is not an option due to water shortage, but can be limited to the vehicle tracks only.  |
|                   | Employees should not be exposed to prolonged and excessive hydrocarbon vapours without protective gears  |
|                   | Vehicles and equipment should not be left with running engines while idling during construction.   |
| Responsible party | Comply with EMP  SHE officer and Site Manager  |

# 8.1.3 Noise Impacts:

TABLE 8: ASSESSMENT OF IMPACTS ASSOCIATED WITH NOISE IMPACTS AND MITIGATION

| Noise impact | Nature | Construction vehicles and equipment such as Loader |
|--------------|--------|--|
|              |        | Backhoes, Concrete mixer, other machineries used   |

|                   | in the construction phase can be a nuisance and  |
|-------------------|--|
|                   | disturbance. Negative impact   |
| Extent            | Site specific  |
| Duration          | Short term   |
| Frequency         | Less than a year   |
| Reversibility     | Noise will have an impact on employees, residents  |
|                   | and animals such as birds and reptiles. Birds are  |
|                   | known to abandon their nests if subjected to   |
|                   | continuous noise. However they can return if the   |
|                   | noise stops. Hence, this impact is reversible:   |
|                   | naturally  |
| Likelihood of     | Likely   |
| Occurrence        |  |
| Mitigation        | Noise should be reduced by switching off   |
|                   | machines that are not used and at sleeping   |
|                   | hours.   |
|                   |  |
|                   | All employees on site must be equipped with  |
|                   | proper PPE (ear plugs, ear mufflers) to be   |
|                   | used when the noise above 80 Hz.   |
|                   | used when the horse usove so Tiz.  |
|                   | Service equipment and trucks regularly to  |
|                   | avoid excess noice.  |
|                   | avoid excess floree.   |
|                   | Complemental EMD   |
| D "11             | Comply with EMP.  ONE of the late of |
| Responsible party | SHE officer and Site Manager   |
|                   |  |

# **8.1.4** Sewage

TABLE 9: ASSESSMENT OF IMPACTS ASSOCIATED WITH SEWAGE AND MITIGATION

| TABLE 7. ASSESSMENT OF IMPACTS ASSOCIATED WITH SEWAGE AND MITHOATION |        |  |  |
|--|--------|--|--|
| Sewage impact  | Nature | Sewage will be generated by the service station      |  |
|  |        | ablution facilies. It is therefore very important to |  |
|  |        | construct appropriate infrastructure for the         |  |

|               | management of this type of waste. Failure to manage waste properly will result in pollution and this might have a detrimental impact on the people's well-  |
|---------------|---|
|               | being and the quality of the environment, especially  |
|               | those that live in the vicinity of the development.   |
|               | Negative impact   |
| Extent        | Local   |
| Duration      | Long term   |
| Frequency     | Less than a year  |
| Reversibility | The impact is Reversible: artificially  |
| Likelihood of | Likely: Will probably occur during the life of the  |
| Occurrence    | project   |
| Mitigation    | <ul> <li>The project must install storm water infrastructure to maintain exisiting natural water flow channels.</li> <li>A Septic tank should be constructed and all sewer drainage system should be constructed and connected to that septic tank.</li> <li>The Service Station should also apply for Waste Water Discharge Permit from the Department of Water Affairs.</li> <li>The sewer lines should be inspected regularly to look for any leakages.</li> <li>A registered contracted should be hired to remove the solid waste, to prevent overload /overflow, and to do maintenance.</li> </ul> |

|                   | Developing a Sewerage Waste Management   |
|-------------------|--|
|                   | Plan.                                    |
| Responsible party | SHE officer, Site Manager, and Proponent |

# 8.1.5 Health and Safety Impacts:

TABLE 10: ASSESSMENT OF IMPACTS ASSOCIATED WITH HEALTH AND SAFETY AND MITIGATION

| Health | and | Nature   | OCIATED WITH HEALTH AND SAFETY AND MITIGATION Firstly, the potential impacts on human health and   |
|--------|-----|----------|--|
| safety | and | rature   | safety resulting from project activities could include occupational accidents and injuries, vehicle accidents, exposure to weather extremes, adverse health effects from dust generation and emissions,  |
|        |     |          | and contact with hazardous materials.  Secondly, hydrocarbons are hazardous and hence the inhalation of fumes should be prevented. Fuel, oil spills and water at the service station can put workers and customers at the risk falling.                                  |
|        |     |          | Thirdly, the use of compressed air to fill tires can also be dangerous. Although it is not common, tyre explosion can be extremely dangerous to the employees. High pressure from the air compressor can also shoot small objects from the floor that can pierce people. |
|        |     | Extent   | Fourthly, theft and robbery put the lives of employees of service stations at risk. Measures should be put in place for their safety.  Negative  Site specific   |
|        |     | Duration | Medium term  |

| Frequency         | Less than a year  |
|-------------------|---|
| Reversibility     |   |
| Likelihood of     | Rare  |
| Occurrence        |   |
| Mitigation        | • The intersection of the access road to the                    |
|                   | service station site must be designed and                       |
|                   | submitted to the Roads Authority for                            |
|                   | approval before actual construction.                            |
|                   | Procedures for dealing with injuries or                         |
|                   | accidents must be in place and all contact                      |
|                   | details for emergency personnel should be                       |
|                   | available.  |
|                   |   |
|                   | • There should be a compulsory safety                           |
|                   | induction programme (tool box talk) for all                     |
|                   | employees.  |
|                   | <ul> <li>Proper PPE should be issued to avoid injury</li> </ul> |
|                   | or death.   |
|                   |   |
|                   | The employees should be well oriented with                      |
|                   | the Health and Safety plan. The service                         |
|                   | should also be kept tidy, and floors must be                    |
|                   | kept dry to avoid slippery related injuries.                    |
|                   |   |
|                   | • Comply with EMP   |
| Responsible party | SHE officer and Site Manager                                    |

## 8.1.6 Fire Risk and Control

TABLE 11: ASSESSMENT OF IMPACTS ASSOCIATED WITH FIRE RISK AND MITIGATION

| Fire Risk and | Nature            | Hydrocarbons are extremely flammable. Fire            |
|---------------|-------------------|---|
| Control       |                   | explosion should be prevented at all costs during the |
|               |                   | operation of service station.                         |
|               | Extent            | Site specific   |
|               | Duration          | Medium term   |
|               | Frequency         | Less than a year                                      |
|               | Reversibility     |   |
|               | Likelihood of     | Rare  |
|               | Occurrence        |   |
|               | Mitigation        | • Fuel is extremely flammable. All fuel should        |
|               |                   | be handled according to Material Safety               |
|               |                   | Data Sheet instructions.                              |
|               |                   |   |
|               |                   | • SANS requirements should be adhered to in           |
|               |                   | order to prevent fire explosion.                      |
|               |                   |   |
|               |                   | Comply with EMP                                       |
|               | Responsible party | SHE officer, Site Manager and Proponent               |

### 8.1.7 Solid and Harzadous Waste:

TABLE 12: ASSESSMENT OF IMPACTS ASSOCIATED WITH SOLID AND HAZARDOUS WASTE MANAGEMENT AND MITIGATION

| Nature | Potential impacts from improper housekeeping           |
|--------|--|
|        | practices during construction such as illegal disposal |
|        | of waste to land could contaminate and pollute the     |
|        | soil which in turn could pollute the Environment and   |
|        | the visual appearance. Solid waste such as lumber,     |
|        | steel scrap, plastics, cement bags, bricks, general    |
|        | rubbish and domestic waste will be generated during    |
|        | the construction phase.                                |
|        | Nature   |

|               | There is a potential environmental contamination   |
|---------------|--|
|               | and degradation from waste on site. Negative   |
|               | impact.  |
| Extent        | Site Specific  |
| Duration      | Medium term: months, less than a year  |
| Frequency     | Less than a year   |
| Reversibility | Waste produced during the construction phase can   |
|               | be reduced by proper housekeeping. Hence it is   |
|               | reversible: artificially   |
| Likelihood of | Possible   |
| Occurrence    |  |
| Mitigation    |  |
|               | A skip containers of adequate design and   |
|               | capacity should be provided for solid waste,   |
|               | such as discarded cans and bottles.  |
|               |  |
|               | Proper facilities for storage and disposal of  |
|               | used and waste oil and gas must also be  |
|               | provided.  |
|               | 1  |
|               | The construction site should be kept tidy at   |
|               | all times. All domestic and general  |
|               | construction waste produced on a daily basis   |
|               | should be cleaned and contained daily.   |
|               | should be bleamed und contained dury.  |
|               | No waste may be buried or burned.  |
|               | 140 waste may be builted of burned.  |
|               | Waste containers should be emptied   |
|               | 1  |
|               | regularly and removed from site to an  |
|               | approved waste disposal site.  |
|               | All marvalable and the state of |
|               | All recyclable waste needs to be taken to the  |
|               | nearest recycling depot.   |

|                   | <ul> <li>Construction labourers should be sensitised to dispose of waste in a responsible manner and not to litter.</li> <li>Waste may not remain on site after the completion of the project.</li> <li>Comply with EMP.</li> </ul> |
|-------------------|---|
| Responsible party | SHE officer and Site Manager  |

## 8.1.8 Traffic Congestion

TABLE 13: ASSESSMENT OF IMPACTS ASSOCIATED WITH TRAFFIC CONGESTION AND MITIGATION

| Traffic    | Nature        | The proposed Onyati fuel service station will have    |
|------------|---------------|---|
| Congestion |               | slight effect on the traffic flow along the B1 Main   |
|            |               | Road as vehicles are expected to slow down when       |
|            |               | approaching the service station. However the impact   |
|            |               | will be minimal because of the strategic location of  |
|            |               | service station near the T -junction, as vehicles are |
|            |               | expected to slow down at the junctions anyway.        |
|            |               | Negative impact.                                      |
|            | Extent        | Site Specific   |
|            | Duration      | Medium term: months, less than a year                 |
|            | Frequency     | Less than a year                                      |
|            | Reversibility | It is reversible: artificially with construction of   |
|            |               | acceleration and deceleration lanes.                  |
|            | Likelihood of | Possible  |
|            | Occurrence    |   |
|            | Mitigation    |   |
|            |               | • The project should apply to the Roads               |
|            |               | Authority to install the application traffic          |

|            | flow control road infrastructure, mechanisms and road signage for road safety.               |
|------------|--|
|            | The traffic flow will also be enhanced by providing sufficient parking space at the station, |
|            | Constructing of acceleration and deceleration lanes at the B1 main road.                     |
|            | Comply with EMP.   |
| Responsibl | e party SHE officer and Site Manager   |

# 8.1.9 Soil and undergroundwater pollution

TABLE 14: ASSESSMENT OF IMPACTS ASSOCIATED WITH SOIL AND UNDERGROUNDWATER POLLUTION AND MITIGATION

| POLLUTION AND MITTO |               |   |
|---------------------|---------------|---|
| Soil and            | Nature        | The inappropriate storage and handling of       |
| undergroundwater    |               | hydrocarbon products present a risk to          |
| Pollution           |               | groundwater and soil pollution. Negative impact |
|                     | Extent        | Local   |
|                     | Duration      | Long term                                       |
|                     | Frequency     | Less than a year                                |
|                     | Reversibility |   |
|                     | Likelihood of | Rare  |
|                     | Occurrence    |   |
|                     | Mitigation    | Fuel tanks and fuel dispensers should be        |
|                     |               | designed and installed in line with SABS        |
|                     |               | and the manufacturer's recommendations.         |
|                     |               | Installation should be done with care as        |
|                     |               | damage can occur during installation.           |
|                     |               |   |
|                     |               |   |

- If the water table is high, a single steel walled tanks or double-walled steel tank, should be installed.
- Moreover, suitable sand shall also be used for both bedding and backfilling of steel tanks.
- Hazardous substances or chemicals should be stored in a specific location on an impermeable surface that is bunded.
- Heavy construction vehicles and equipment on site should be provided with a drip tray.
- To mitigate the potential impact of groundwater and soil pollution, the ground level surfaces of the project site must be covered with an impermeable material.
- The drip trays should be cleaned daily and spillage handled, stored and disposed of as hazardous waste.
- Maintenance and washing of construction vehicles should be take place only at a designated workshop area.
- The workshop should have an oil-water separator for collected run-off from washing.

|                   | Spilled cement and concrete materials should be treated as hazardous waste and disposed of daily in the appropriate hazardous waste containers. |
|-------------------|---|
| Responsible party | SHE officer, Site Manager, and Proponent  |

## 8.1.10 Biodiversity Loss

TABLE 15: ASSESSMENT OF IMPACTS ASSOCIATED WITH BIODIVERSITY LOSS AND MITIGATION

|              | Nature        | There is no protected plant species that were      |
|--------------|---------------|--|
| Biodiversity |               | observed onsite. However the site has a few shrubs |
| loss         |               | of Pechuel-loeschea leubnitziae (locally known as  |
|              |               | iizimba), two acacia karroo and grass species of   |
|              |               | Eragrostis trichophora.                            |
|              |               | Negative impact                                    |
|              | Extent        | Site specific                                      |
|              | Duration      | Long term (resulting in permanent change in the    |
|              |               | natural biodiversity on site)                      |
|              | Frequency     | 1 to 10 years                                      |
|              | Reversibility | Irreversible: permanent damage                     |
|              | Likelihood of | Highly likely                                      |
|              | Occurrence    |  |
|              | Mitigation    | The impact will also be low due to the fact        |
|              |               | that there is no plant species that is endemic     |
|              |               | to the area.                                       |
|              |               | The few trees and shrubs will be affected by       |
|              |               | the development, hence the need to plant           |
|              |               | more trees in the vicinity to improve the          |
|              |               | environment.                                       |
|              |               |  |

|             | Comply with EMP.                   |
|-------------|------------------------------------|
| Responsible | party SHE officer and Site Manager |

#### **8.1.11** Operation within Law Framework

Besides the mitigation measures, the proposed development activities should be carried out within the law framework. For instance, the Hazardous Substances Ordinance, 1974 directs that the manufacturing, storage, handling and processing of a hazardous substance should be done in line with the ordinance. It also regulate the construction of service stations and facility for the underground and aboveground storage of dangerous goods, including petrol, diesel, liquid, petroleum, gas or paraffin. The proponent should implement necessary measure and take precaution throughout the product lifecycle: from receiving, storage, product use and disposal. In cases were special storage facilities are required the Proponent should provide as such.

It is also the responsibility of the proponent to ensure that new regulations that may be introduced by the Ministry of Mines and Energy are adhered to.

#### **Section 9**

#### 9. DECOMISSIONING, CONCLUSION AND RECOMMENDATIONS

#### 8.2 9.1 Decommissioning

A separate EIA process should be conducted before considering at all the decommissioning of the project.

#### 8.3 9.2 Conclusion

The proposed construction of Onyati Service Station is an important project to the development goals and aspirations of the receiving local community, region, Namibia as a whole as well as to the proponent.

Overally, the economic benefits of the project outweigh the limited negative impacts on the natural environment. The project is expected to perform positively if all mitigation measures are adhered to.

#### 8.4 9.3 Recommendations

It is recommended that:

i. The Ministry of Environment, Forestry and Tourism should consider issuing an

Environmental Clearance Certificate for the Proposed of a Service Station at

Onyati Village in Onyaanya Constituency of Oshikoto Region.

ii. The Proponent, Tatekulu Fillemon Shuumbwa will commission Professional

Enginneers and Project Managers to oversee, supervise, monitor and control all

activities at the construction site thereby ensuring that the construction work is

conducted in an orderly and safe manner, hence safeguarding the environment

in the interest of the current and future generations to come.

10. REFERENCES

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**54** | Page

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#### 11. Apendix

#### **11.1 Annexure 1:**

Confidante 08th July 2022

CONFIDENTE liping the lid Page. 4 8-14 July 2022

# Top Footballer, Cloete, arrested for stock theft



RYTRACYTAFIRENVIKA

ORMER Orlando Pirates Captain and Brave Warriors player Riaan Cloete was on Tuesday arrested on suspicion of stock theft at Dorbabis, Police Spokesperson, for the Khomas region Warrant Officer confirmed to Confidente.

According to Shipandeni, Cloete was arrested alongside four other suspects for allegedly stealing a Brahman Cow valued at 15000 NAD.

Shipandeni said a police patrol vehicle on Tuesday intercepted a white Hyundai with a full carcass of a cattle meat.

Cloete was the driver at the

Their investigations on the

source of the meat led them to Farm Barack where the cow was allegedly stolen from.

Shipandeni said further investigations revealed that the vehicle that was used to steal the cow belongs to a certain police officer from VIP Directorate.

"The cow is a barman valued at N\$15 000. The whole carcass was recovered and five suspects are arrested and charged including the 40 years old driver who happens to be the former Brave warriors and African Stars player", Shipandeni said.

The suspects are set to appear in Kalutura Magistrate Court on Friday 08th July.

Commercial farmers in both Khomas and Omaheke regions, who spoke to Confidente said they are concerned about the rise in cases of stock theft.

millions in potential revenue to stock theft and called on the Namibian police to be ruthless when dealing with

Last year, farmers in the Kalkfeld and Omaruru area lost about N\$324 000

worth of cattle.

The amount could be even higher if unborn calves from pregnant cows are Included.
In October, there were 41 cases of

stock theft reported in the Otjozundjupa and Erongo regions, with 29 arrests. VNV//Confidente





PUBLIC INVITATION COMMENTAL IMPACT ASSESSMENT FOR THE PROPOSED CONSTRUCTION OF RVICE STATION AT ONYATI, ONYABIYA CONSTITUENCY, OSHIKOTO REGION

Notice is hereby given to all interested and Affected Parties () 6.4Ph) that an application will be made to the Einsteinmental Commissioner in terms of Einsteinmental Management Act No.7 of 2007 and its regulations (DN 30 of 6 Pebruary 2012) for the following behavior of the Commissioner (DN 30 of 6 Pebruary 2012) for the following

Project Name: CONSTRUCTION OF A SERVICE STATION
Project Description: ONYATI VILIAGE, OSHNOTO REGION
Proposent: TATERULU FILLEMON SHULMENA NANGOLO

All Interested and Affected Plattes (I & Apa) are encouraged to register and provide comments and opinions to becompredise@gmail.com. If you want to register as I & Apa and receive the Background Information Document, please contact our office.

Contact No: 0811622154 Email: becongwed/ve@gmail.com

DEADLINE FOR COMMENTS IS 12 JULY 2022



# PDM's youngest MP vows to tackle youth unemployment



BYTRACYTAFIRENYIKA

EWLY elected and youngest member of parliament for the Popular Democratic Movement (PDM), Maximalliant Katjimune, has vowed to improve the high

unemployment rate among young people stating that it is massive and requires a multifaceted approach to arrest.

With the unemployment rate currently standing at 46 percent, Katjimune said that his first move to address youth unemployment will

not read. It is indeed an honor to having been afforded the privilege of representing my political party as its youngest member at 24 in Parliament, katjimune said.

"Heing an MP at such a young age is not something that I take lightly, and is a fundamental responsibility. The Namibian people, through universal suffrage, elect Members of Parliament and mandate us to be the representatives of all Namibians, and that is a sacred duty I do not take lightly," he stated.

Page. 4

CONFIDENTE litting the lid

8-14 July 2022

# Top Footballer, Cloete, arrested for stock theft



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The suspects are set to appear in Katutura Magistrate Court on Friday 08th July.

Commercial farmers in both Khomas and Omaheke regions, who spoke to Confidente said they are concerned about the rise in cases of stock theft.

The farmers said they are losing millions in potential revenue to stock theft and called on the Namihian police to be ruthless when dealing with perpetrators.

Last year, farmers in the Kalkfeld and Omaruru area lost about N\$324 000 worth of cattle.

The amount could be even higher if unborn calves from pregnant cows are

included.
In October, there were 41 cases of stock theft reported in the Otjozundjupa and Erongo regions, with 29 arrests. VNV//Confidente





PUBLIC INVITATION

ENVIRONMENTAL IMPACT ASSESSMENT FOR THE PROPOSED CONSTRUCTION OF A SERVICE STATION AT CHYAIT, CHITARIAN O CONSTITUENCY, CHIROTO REGION

Notice is hereby given to all interested and Affected Parties (I &APIs) that an ap will be made to the Environmental Commissioner in terms of Environmental Management Act No. 7 of 2007 and its regulations (DN 30 of 6 February 2012) for the following

CONSTRUCTION OF A SERVICE STATION reject Location: ONYATI VILLAGE, OSHIKOTO REGION reject Description: CONSTRUCTION OF A SERVICE STATION AT ONYATI VIDENMENT TATEKULU FILLEMON SHULMEWA NANGOLO

All Interested and Affected Parties (I & Apa) are encouraged to register and provide comments and opinions to becompredistiggmail.com. If you want to register as I & Apa and receive the Sackground Information Document, please contact our office.

DEADLINE FOR COMMENTS IS 12 JULY 2022



# PDM's youngest MP vows to tackle youth unemployment



BYTRACYTAFIRENYIKA

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"Being an MP at such a young age is not something that I take lightly, and is a fundamental responsibility. The Namibian people, through universal suffrage, elect Members of Parliament and mandate us to be the representatives of all Namibians, and that is a sacred duty I do not take lightly," he stated.

# **CLASSIFIED**

Tel: (061) 2080844 Fax: (061) 220584 Email: Classifieds@nepc.com.na

#### Notices

GENERAL NOTICE No 2021

SWAKOPMUND DRAFT ZONING SCHEME NO. 69

terms of Section 45 (4) of the Urban and Regional Planning Act, 2018 (Act No. 5 of 2018), that the Swakopmund Draft Zoning Scheme No. 69 has been automitted to the Minister of Urban and Rural

Copies of the Swekopmund Draft Zoning Scheme No. 69 and the maps. plans, documents and other relevant matters are lying open for inspection during office hours at the Municipality of Savakopmund and also at the Urban and Regional Planning Board, Ministry of Urban and Rural Development: Division: Planning, 2<sup>rt</sup> Floot, Room No. 237, GRN Office Park,

Any person, who wishes to object to the approval of the Zoning Scheme, should lodge objection in widing to the Secretary, Urban and Regionsi Plenning Board, Private Bag 13289, Windhook on or before the 6 July 2022.

L.D. UYEPA CHAIRPERSON URBAN AND REGIONAL PLANNING BOARD

GENERAL NOTICE

OKONGO EXTENSION 14: ESTABLISHMENT OF THE TOWNSHIP -VILLAGE COUNCIL OF

Notice is hereby given in terms of Section 107(1) of the Urban and Regional Planning Act, 2018 (Act No. 5 of 2018), that application has been made for the establishment of the township Oleongo

#### Notices

NOTICE

Please take note that Karnau Town Planning and Development Specialist has been appointed by the Taumeb Municipality.

- Disestabilishment of a township on Portion 34 of the remainder of Taumeb Townlands No.737 known
- Cancellation of General Plan No. B211 of the township of Tsumeb Extension No.11.
- Establishment of a township on Portion 34 of the remainder of Teurseb Townlands No.737 to known as Taumeb Extension 11.
- Subdivision of portion 34 of the remainder of Tsumeb Townlands No.737

Notice is further given to all interested and affected parties () & APA) that an application will be made to the Einvironmental Commissioner in terms of Einvironmental Act (No? of 2007) and its Regulations (2012) for the establishment of Edension 11, Taumeb:

Project Name: Teumeb Extension 11 Environmental Consultant:

Kamau Town Planning and Development Specialist has been appointed to conduct an Environmental Impact Assessment of the said

Due to the current status quo of COVID-19, the public meeting will be restricted to 50 participants for comments and engagements, however, the

#### Notices

regarding the recording, visit the Karsau Town Planning and Development Office (4 Wagner Steet - Wandhous, or the Department of Town Planning of the Turnels Municipality and at the Libban and Regional Planning Board Offices (Government Park - Windhoek).

(b) any person having objections to the recording concerned or who wards to comment, may in writing lodge such objections and comments, together with the grounds, with the Chief Executive Officer of the Executive Officer of the Teameb Municipality, and with the applicant within 14 days of the lest publication of

FOR MORE INFORMATION AND QUERIES, KINDLY CONTACT: No. 04 Wagner street | Windhoek west |c: +264 81 729 0146

P.O. Box 22296 [Mindhoek t: <264 61251975|t +264 61 304219 j yel@kemautpds.com w:

www.kamau-architects.com



Obituary Obituary



#### Notices

PUBLIC INVITATION ENVIRONMENTAL IMPACT ASSESSMENT FOR THE PROPOSED CONSTRUCTION OF A SERVICE STATION AT ONYATL ONYAANYA CONSTITUENCY

Notice is hereby given to all interested and Affected Parties (I & APs) that an application will be made to the Environmental Commissioner Environmental Commissioner in terms of Environmental Management Act No. 7 of 2007 and its regulations (GN 30 of 6 February 2012) for the following intended admities.

Project Name:
Construction of a service station
Project Location: OnyatiVitage, Oshiboto Region
Project Description:
construction of a service station inharinuture
Proponent:

Proponent: Tateloulu Fillemon Shuumbe

All Interested and Affected Parties (I & Aps) are encouraged to register and opinions to becongreding gmall.com. If you want to register all Aps and receive the Background Information Document, please contact our office:

Contact No: 0811022154
Email: becongreeding@gmail.

BSC Office at Erf 5059 Omatendo Str. Ongwediva

Deadline for Comments is 22 June 3022







Increased... Fifa members decided to increase the maximum number of named substitutes from 12 to 15 at the discretion of the competition

# Five-substitute option in top-level competitions approved

t its 136th annual general meeting (AGM) held in Doha, Quiar, the International Football Association Board (Ifab) ratified the changes and dartifications to the Laws of the Game 2022/23. which will come into effect on 1 July

At this meeting, the Ifab accepted the recommendations from the annual business meeting (ABM), the meeting of the Football and Technical Advisory Panels (FAP-TAP), and the strong support from the entire football community that this option vulnerable children with accommodation and offer free education to all orphans and vulnerable kids in Namibia. The cente situated 17 Km north of Okahanda.

Vacancies Available 1. Qualified Martial Art Teacher, with 3 years of experience.

2. Qualified Chinese English-Chinese

Qualified Candidate can forward your cuments to email: info.namibia amitofocarecenter.org or P.O box 2513 Okahandia Due Date: 15 June 2022

**GENERAL NOTICE** No. 2021

SWAKOPMUND DRAFT ZONING SCHEME NO. 69

Notice is hereby given in terms of Section 45 (4) of the Urban and Regional Planning Act, 2018 (Act No. 5 of 2018), that the Swakopmund Draft Zoning Scheme No. 69 has been Urban and Rural Development for approval.

Copies of the Swakopmund Draft Zoning Scheme No 69 and the maps, plans documents and other relevan matters are lying open for inspection during office hours at the Municipality of Swakopmund and also at the Swatophund and asso at the Urban and Regional Planning Board, Ministry of Urban and Rural Development: Division: Planning, 2nd Floor, Room No. 237, GRN Office Park,

object to the approval of the Zoning Scheme, should lodge objection in writing to the Secretary, Urban and Regional Planning Board, Private Bag ek on or before the 29 June 2022.

I D LIVERA CHAIRPERSON URBAN AND REGIONAL

SUITACE and measures 910m2 in extent with a current zoning of 'Single Residential' and a density of 1:900m2. There is an existing dwelling on the Erf as indicated on the building plans. There are already existing water, sewer and electricity services on the

The owner intends on rezoning Erf 1674 (a portion of Erf 497) Gathemann Street Klein Windhoek. from 'Single Residential with a density of 1:900m2 to 'General Residential' with a density of 1:250m2 and to subsequently consent to use the erf for general residential purposes.

Please further take note

(a) For more enquiries regarding the consent application, visit the Department of Town Planning at the City of

(b)any person having objections to the rezoning concerned or who wants to comment, may in writing lodge such objections and comments, together with the grounds, with the Chief Executive Officer of the City of Windhoek, and with the applicant within 14 days of the last publication of this notice, i.e. no later than 29th of June 2022.

No. 04 Wagner street | Windhoek west I c: +264 81 3290584 P.O. Box 22296 | Windhoek |t: +264 61251975 | |t: +264 61251975 | +264 61 304219 vell@kamau-tods.com w: www.kamau-architects.



subdivision and rezoning is in progress.

Please take note that Kamau Town Planning and Development Specialist has been appointed by the owner of Eri 4688 Walvis Bay Extension 5 to apply to the Municipality of Walvis Bay for the As according to the Walvis Bay Town Planning Scheme.

Erf 4688, Walvis Bay Extension 5, is located on the eastern urban periphery of the Municipality of Walvis Bay bordering directly south on the Meersig suburb and to the

north of the site, the Atlantic Ocean. Ownership of Erf 4688 yests in the Walvis Bay Municipal Council and said property measure 13, 7632 hectare in extent

tt is proposed to subdivide Erf 4688, Wahis Bay, Extension 5 into proposed Erf "X" measuring 9.3hectares for Institutional rezoning and Please further take note

(a) For more engulries regarding the consent application, visit the Department of Town Planning at the Walvis Bay Municipality;

(b) any person having objections to the rezoning concerned or who wants to comment, may in writing lodge such objections and comments, together with the grounds, with the Chief Executive Officer of the Walvis Bay Municipality, and with the applicant within 14 days of the last publication of this notice. I.e. no later than 29th of June 2022.

No. 04 Wagner street I Windhoek west | c: +264 81 3290584 PO Box 22296 | Windhoek t: +264 61251975 t: +264 61 304219 yell@kamau-tpds.com w: www.kamau-architects.com



further invites any person to provide comments and consideration. Kindly note that the layout plans are available for public viewing at the Municipality of Grootfontein.

Any comments and information on the proposed schemes should be motivated in writing details of the person giving the comments and information. this should be directed to the following address:

The Chief Executive Office Grootfontein Municipality P.O.Box 23, Grootfontein,

lease further take note that - (a) for more inquiries regarding the rezoning, visit the Kamau Town Planning and Development Office (4 Wagner Street - Windhoek), or the Department of Town Planning of the Grootfontein Municipality and at the Urban and Regional ing Board Offices (Government Park - Windhoek).

(b) any person having objections to the rezoning concerned or who wants to comment, may in writing lodge such objections and comments. together with the grounds, with Chief Executive Officer of days of the last publication of this notice, i.e. no later than 28 June 2022

FOR MORE INFORMATION AND QUERIES, KINDLY

Enquiries: L Mr I Lungameni ltungameni@grootfonteinmun. Tel: +264 (67) 243 101 | Fax: +264 (67) 242 930 | Cel:+264 (81)2390356 | Web: [www.grootfontels com.na)www. grootfonteinmun.com.na

No. 04 Wagner street | Windhoek west |c: +264 81 480 8508 P.O. Box 22296 |Windhoek |t: +264 61251975|f: +264 61 304219 yeli@kamau-tpds.com w: www. nauarchitects.

K/N KAMAJ

Environmental Commissioner in terms of Environmental Act (No7 of 2007) and its Regulations (2012) for the establishment of Extension

Project Name: Tsumeb Extension 11 Environmental Consultant: Kamau Town Planning and Development Specialist

Development Specialist has been appointed to conduct Assessment of the sald

quo of COVID-19, the public meeting will be restricted to 60 participants for comments and engagements, however, the public at large is welcome to engage telephonically or

Meeting Date: 26 JUNE 2022 Venue: Renjamin Hauser nity Hall

All I & APs are encouraged to register and raise concerns or provide comments and

& APs will be provided with a Background Information nt (BID) comprising detailed information for the intended establishment. Should you wish to register, kindly contact Kamau Town Planning and Development

Portion 34 is surrounded by residential suburbs that comprise of various land uses such as Hospitality services, office activities and social activities such as the Muteka Park.The Tsumeb Airport is as well in close proximity to the proposed establishment.

Please further take note

(a)for more inquiries regarding the rezoning, visit the Kamau Town Planning and Development Office (4 Wagner Street - Windhoek). or the Department of Town Planning of the Tsumeb Municipality and at the Urban and Regional Planning Board

ENVIRONMENTAL IMPACT ASSESSMENT FOR THE PROPOSED CONSTRUCTION OF A SERVICE STATION AT ONYATI ONYAANYA CONSTITUENCY,

Notice is hereby given to all interested and Affected Parties (I & APs) that an application will be made the Environmental Commissioner in terms of Environmental Management Act No. 7 of 2007 and its regulations (GN 30 of 6 February 2012) for the following intended activities.

Project Name: Construction of a service station

Project Location: Onyati Village, Oshikoto

Project Description: construction of a service station infrastructure Proponent:

Tatekulu Fillemon Shuumbwa Nangolo

All Interested and Affected Partles (I & Aps) are encouraged to register and provide comments and opinions to becongwedlya@gmall. com. If you want to register as I & Aps and receive the Background Information Document, please contact our office:

Contact No: 0811622154 Emall: bscongwediva@

BSC Office at Erf 5059 Omatando Str. Ongwedlya

Deadline for Comments ls 22 June 2022



**OSHIKOTO REGION** 

particulars of which appear below till be made to the Regional Uqui nsing Committee, Region: KAVANGO BAST Name and postal address applicant:
 BERNADUS KAYELIKE NOJENDJELA
P.O. BOX 5185 DIVUNDU

Name of business or propos
usiness to which applicant rela
PEDERAL SHEBEEN Address Location of premise which Application relates: MUSHASHANI VILLAGE DIVUNDU VILLAGE DIVUNDU VILLAGE

4. Nature and details of applicable
SPECIAL LIQUOR LICENCE

5. Clink of the court with whom
Application will be lodged:
RUNDU MAGISTRATE

6. Date on which application will Lodged: 29 JUNE 2022 Date of meeting of Commit Which application will be he 10 AUGUST 2022

APPLICATION TO A COMMITTEE IN TERMS OF THE LIQUOR ACT, 1998 (regulations 14, 26 & 33) Notice is given that an application in terms of the Liquor Act, 1986,

no AUGUST 2022
Any objection or written submission
in terms of section 20 of the Act in
relation to the applicant must be sent
or delivered to the Secretary of the
Committee to reach the Secretary
not less than 21 days before the date

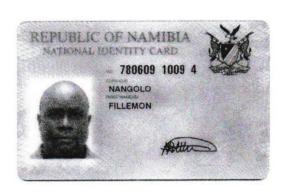
REPUBLIC OF HAMIBIA
BINISTRY OF TRADE A INDUSTRY
LIQUIDA ACT 1988 NOTICE OF
APPLICATION TO A COMMITTEE INT
TRADE OF THE LIQUIDA ACT, 1993
TRIMS OF THE LIQUIDA ACT, 1993
INTERNATION OF THE LIQUIDA ACT, 1993
INTERNATION OF THE LIQUIDA ACT, 1993
DISTORTION OF THE LIQUIDA ACT, 1993
TO DISTORTION OF THE LIQUIDA ACT, 1993
TO DISTORTION OF THE LIQUIDA ACT, 1993
THE LIQUIDA

P.O. BOX 3279 ONDANOWA 2. Name of Incensed business to which application relating: ENGOYI B, ONYAANYA 3. Address/Lossian of licensed previews to which application relating TRANSPER OF A LICENCE FROM MARIA WUSKN TO GENON BUSINESS TRANSPER OF A LICENCE FROM MARIA WUSKN TO SEMON UUSKN ale on which applicate Lodged: 17JUNE 2022

Any objection or written submission in terms of section 26 of the Act in elation to the applicant must be sen or delivered to the Magistrate of the District, to reach the Magistrate not than 7 days after the date on ligh the profession

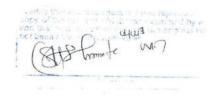


#### 11.2 Annexure 2: Proponent's ID









#### 11.3 Annexure 4: Consent from Traditional Authority



18 July 2022

#### TO WHOM IT MAY CONCERN

This letter serves to certify that His Majesty Fillemon Shuumbwa Nangolo **ID 78060910094** have been allocated a lease hold right on the land parcel at Onyati village of Uukwanambwa Traditional District for business purpose of establishing a Fuel Service Station.

This letter further grant consent to Mr. Matatias Moses to conduct survey on that land parcel.

The Ondonga Traditional Authority favours the development initiative for projects of this nature as it creates job opportunities for our people and help in eradicating poverty amongst our community.

Thus, your cooperation and kind assistance will be highly appreciated.

Yours since the Secretary 18 JUL 2022
P.O Box 70
FRANS ENKARY ONDONE PRADITIONAL AUTHORITY