



***ENVIRONMENTAL IMPACT ASSESSMENT  
FOR FUEL STORAGE AND HANDLING  
FACILITIES ON ERF 1876, LUDERITZ,  
IKKARAS REGION***

***2023***

***App - 231121002500***

<p>Project Name:</p>	<p><b>ENVIRONMENTAL IMPACT ASSESSMENT FOR FUEL STORAGE AND HANDLING FACILITIES ON ERF 1876, LUDERITZ, IIKARAS REGION</b></p>
<p>The Proponent:</p>	<div data-bbox="762 651 1249 750" data-label="Image"> </div> <p>Bachmus Oil &amp; Fuel Supplies PO Box 2788 Walvis Bay</p>
<p>Prepared by:</p>	<div data-bbox="558 1048 1444 1281" data-label="Image"> </div> <div data-bbox="558 1281 1444 1384" data-label="Text"> <p>1<sup>st</sup> floor Bridgeview Offices &amp; Apartments, No. 4 Dr Kwame Nkrumah Avenue, Klein Windhoek, Namibia PO Box 6871, Ausspannplatz, Windhoek</p> </div>
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## EXECUTIVE SUMMARY

*Green Earth Environmental Consultants* were appointed by the Proponent, Bachmus Oil & Fuel Supplies, to conduct an Environmental Impact Assessment to obtain an Environmental Clearance for fuel storage and handling facilities on Erf 1876, Benguela Extension 3, Lüderitz, IlKaras Region. The land within the immediate vicinity of the project site is predominantly characterized by open land and industrial uses. In terms of the Regulations of the Environmental Management Act (No 7 of 2007) an Environmental Impact Assessment must be done to address the following 'Listed Activities':

### **ENERGY GENERATION, TRANSMISSION AND STORAGE ACTIVITIES**

- *The construction of facilities for the refining of gas, oil and petroleum products.*

### **HAZARDOUS SUBSTANCE TREATMENT, HANDLING AND STORAGE**

- *The storage and handling of dangerous goods, including petrol, diesel, liquid petroleum gas or paraffin, in containers with a combined capacity of more than 30 cubic meters at any one location.*
- *Construction of filling stations or any other facility for the underground and aboveground storage of dangerous goods, including petrol, diesel, liquid, petroleum, gas or paraffin.*

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

<b>Impact on environment</b>	<b>Nature of impact</b>
More efficient and intensive use of land.	Positive for Lüderitz and Namibia in general.
Creation of employment and transfer of skills.	Positive as employment will be created during operation.
Impact on utilization of municipal and other infrastructure and facilities.	Positive due to the better utilization of existing infrastructure.
There will be an impact on traffic.	Negative during operational as it will result in the increase in traffic and on the main roads in the area.
The creation of noise.	On par with the noise levels associated with the neighbouring uses.
Possible impact on cultural/heritage aspects.	No items of archeologic value or graves were observed during the site visit which means the impact will be low. If any items or graves are found, the impact will be high and irreversible.
Impact on fauna and flora.	The vegetation on the site shows signs of human intervention like vehicle tracks, dumping of building rubble and household refuse. The site does not have a large amount of vegetation.
There might be a possible visual impact.	New infrastructure will be constructed

	on the site.
Impact on groundwater, surface water and soil.	The impact will be negative in case of spilling of hazardous materials during construction and operation. The facility will be linked with the town's sewer system.
Impact on health and safety.	Low if mitigated during operations.

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

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

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

Limited negative impacts on the vegetation and the natural drainage systems are expected. The noise and dust during construction and operation are in line with the activities from the neighbouring erven. However, mitigation measures will be provided that can control the extent, intensity, and frequency of these named impacts in order not to have substantial negative effects or results.

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

The Environmental Impact Assessment which follows upon this paragraph was conducted in accordance with the guidelines and stipulations of the Environmental Management Act (No 7 of 2007) meaning that all possible impacts have been

considered and the details are presented in the report. Based upon the conclusions and recommendations of the Environmental Impact Assessment Report and Environmental Management Plan following this paragraph, the Environmental Commissioner of the Ministry of Environment, Forestry and Tourism is herewith requested to:

1. Accept the Environmental Impact Assessment;
2. Approve the Environmental Management Plan;
3. Issue an Environmental Clearance for fuel storage and handling facilities on Erf 1876, Lüderitz, Benguela Extension 3, IIKaras Region and for the following "listed activities":

***ENERGY GENERATION, TRANSMISSION AND STORAGE ACTIVITIES***

- *The construction of facilities for the refining of gas, oil and petroleum products.*

***HAZARDOUS SUBSTANCE TREATMENT, HANDLING AND STORAGE***

- *The storage and handling of dangerous goods, including petrol, diesel, liquid petroleum gas or paraffin, in containers with a combined capacity of more than 30 cubic meters at any one location.*
- *Construction of filling stations or any other facility for the underground and aboveground storage of dangerous goods, including petrol, diesel, liquid, petroleum, gas or paraffin.*

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## **LIST OF ABBREVIATIONS**

CAN	Central Area of Namibia
EC	Environmental Clearance
ECO	Environment Control Officer
EIA	Environmental Impact Assessment
EMP	Environmental Management Plan
I&APs	Interested and Affected Parties
MEFT	Ministry of Environment, Forestry and Tourism
SQM	Square Meters

## 1. INTRODUCTION

The Lüderitz Town Council, per Council Resolution C61/18/07/2023, approved the sale of Erf 1876, Benguela Extension 3, Lüderitz to the Proponent, Bachmus Oil & Fuel Supplies (Pty) Ltd. They intend to use Erf 1876 for a wholesale fuel depot for the storage, handling and selling of fuel and oil products to their customers. There will be 2 X 85 000 litre horizontal above ground storage tanks with supporting infrastructure including dispensing points, parking areas for vehicles, offices, storage areas for batteries and lubricants, client convenience facilities, offices, and ablution facilities.

The Proponent, Bachmus Oil & Fuel Supplies, appointed Green Earth Environmental Consultants to conduct an Environmental Impact Assessment and develop an Environmental Management Plan to obtain an Environmental Clearance for fuel storage and handling facilities on Erf 1876, Lüderitz, Benguela Extension 3, IlKaras Region.

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

### ***ENERGY GENERATION, TRANSMISSION AND STORAGE ACTIVITIES***

- *The construction of facilities for the refining of gas, oil and petroleum products.*

### ***HAZARDOUS SUBSTANCE TREATMENT, HANDLING AND STORAGE***

- *The storage and handling of dangerous goods, including petrol, diesel, liquid petroleum gas or paraffin, in containers with a combined capacity of more than 30 cubic meters at any one location.*
- *Construction of filling stations or any other facility for the underground and aboveground storage of dangerous goods, including petrol, diesel, liquid, petroleum, gas or paraffin.*

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

## 2. TERMS OF REFERENCE

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

The aim of the environmental impact assessment was:

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

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

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

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

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

### **3. NEED, DESIRABILITY AND MOTIVATION**

Bachmus Oil & Fuel Supplies (Proprietary) Limited is a wholesale supplier and a household name for lubricant and fuel in the marine and industrial sectors. Bachmus has depots across Namibia offering a wide selection of multi-brand oils and fuel supply solutions. They identified Lüderitz for the construction and operation of a fuel storage and handling facility. They visited the town and consulted with Council to identify and obtain a site for the proposed facility. From these consultations, Erf 1876, Lüderitz was identified as of the ideal size, locality and with safe and good access for the construction and operation of the infrastructure.

**Need** – More and more exporters and importers, mining companies and others from South Africa, especially the Northern Cape make use of the Lüderitz harbour due to its strategic location, good rail and road access and efficiency in the handling of goods. This resulted in a significant increase in road freight operators operating in and out of Lüderitz daily. They acquired Erf 1876, Lüderitz with the intension of

setting up a wholesale fuel depot to be able to service their customers who pass through the Town. According to their feasibility study there is a need for an additional wholesale fuel facility in the Town to improve service levels to passing through traffic.

**Desirability** – Erf 1876, Lüderitz is 6550m<sup>2</sup> in extent and zoned ‘general industrial’ as per the stipulations of the Lüderitz Town Planning Scheme. The erf is gradually sloping in a southeasterly direction and is located close to the B4 Road linking the Town of Lüderitz with the rest of Namibia and South Africa. The Erf has access from an internal municipal street. The site is desirable for the proposed activity due to the following reasons:

- It is large enough to accommodate the facilities of a large wholesale fuel seller.
- It is located close to the main road and highly visible with good and safe access.
- The zoning of the erf allows the proposed activity.
- The site has a gradual southeasterly gradient, but the topography does not prevent the development of a safe site for the placement of the storage and handling facilities and the maneuvering and parking of large vehicles.
- The site is connected to municipal bulk services.
- The site is also surrounded by other industrial and business uses and thus suited for the proposed activity.

It is believed that the proposed development will not have a negative impact on the receiving environment. And according to the information mentioned above, it is believed that there is a need and desirability for the project.

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

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

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

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

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

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

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

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

## 4. BACKGROUND INFORMATION ON PROJECT

### 4.1. SITE INFORMATION

#### 4.1.1. LOCALITY, ZONING AND SIZE OF THE SITE

Erf 1876, Lüderitz, Benguela Extension 3, IlKaras Region is located in the southeastern side of the town directly north of the B4 Road leading into the Town of Lüderitz, west of the Natis Offices and Vehicle Testing Centre. See below Google images and maps showing the locality of the Erf:

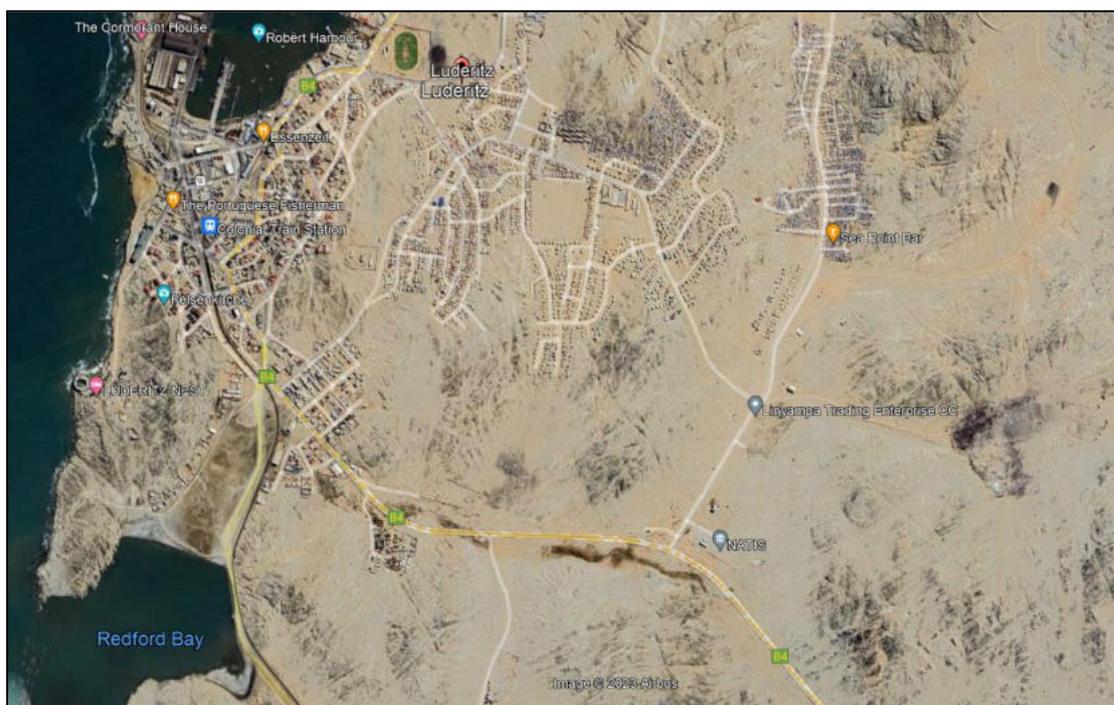


Figure 1: Google image showing the locality of the Erf 1876, Lüderitz

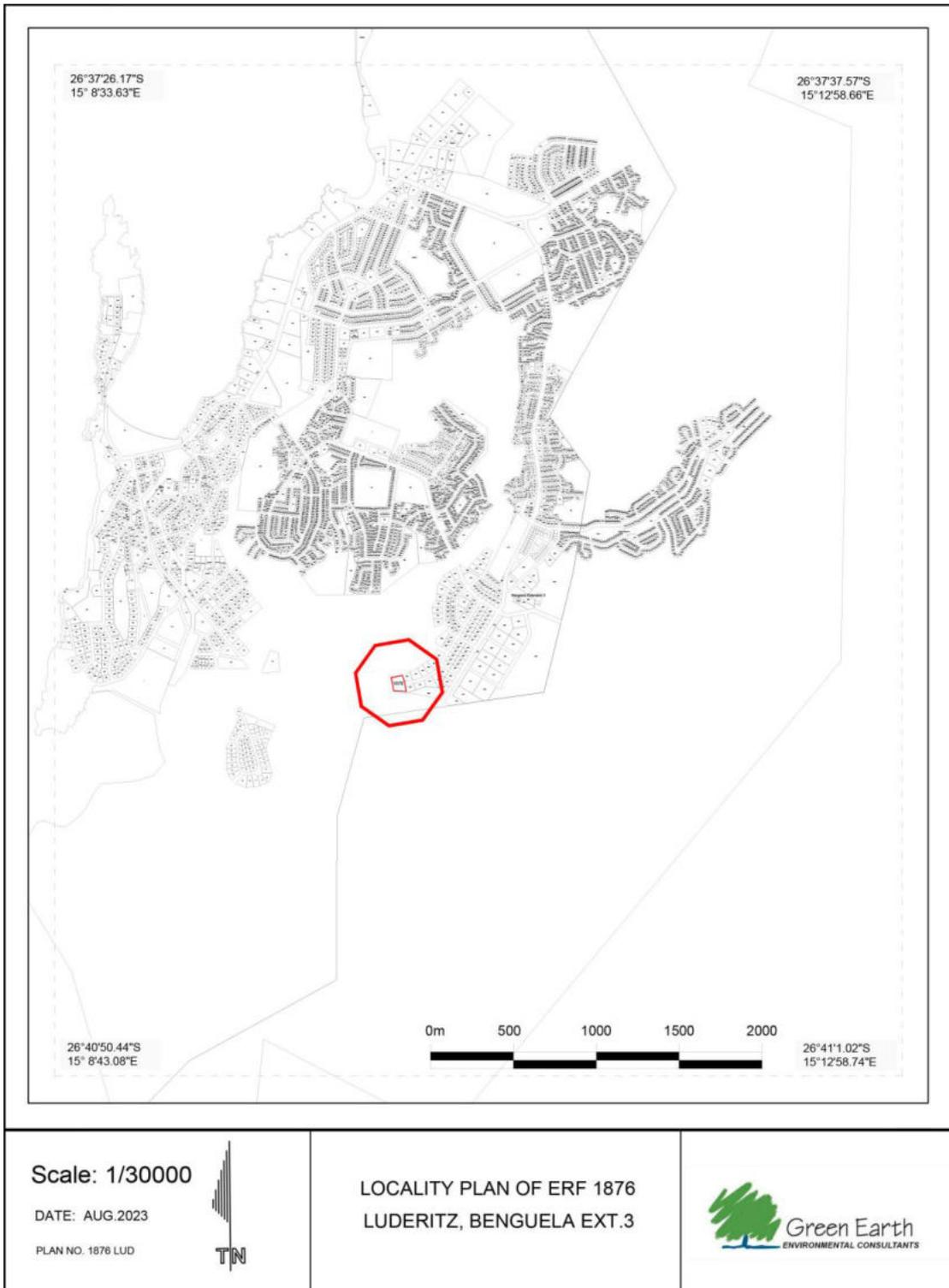


Figure 2: Plan showing the locality of Erf 1876, Benguela Extension 3, Lüderitz

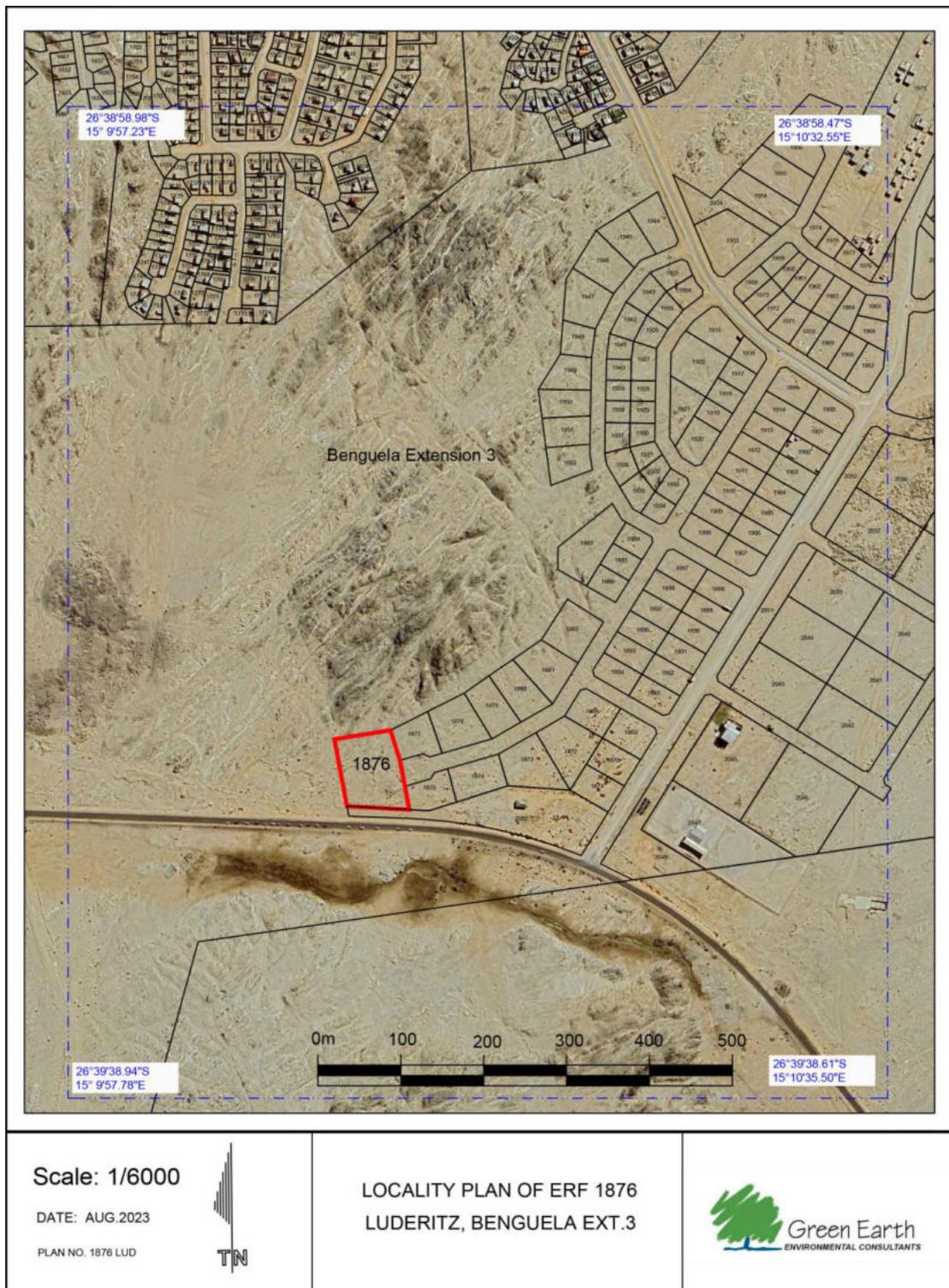


Figure 3: Photo showing the locality of Erf 1876, Benguela Extension 3, Lüderitz

Erf 1876 is 6550m<sup>2</sup> in extent and zoned 'general industrial'. It is accessed from a cul-de-sac located east of the Erf. The erf is currently vacant and undeveloped. The street access is shown on the photo above.

#### 4.1.2. TOPOGRAPHY AND VEGETATION

The erf is sloping in a south westerly direction as can be seen on the contour map below. The slope is gradual although levelling and landscaping will be required to allow the save placement of the storage and handling facilities and supporting infrastructure and to create safe driveways and parking areas for the vehicles visiting

the site. The small surface drainage system can be observed on the Erf which is collecting water from the higher lying area north of the erf.

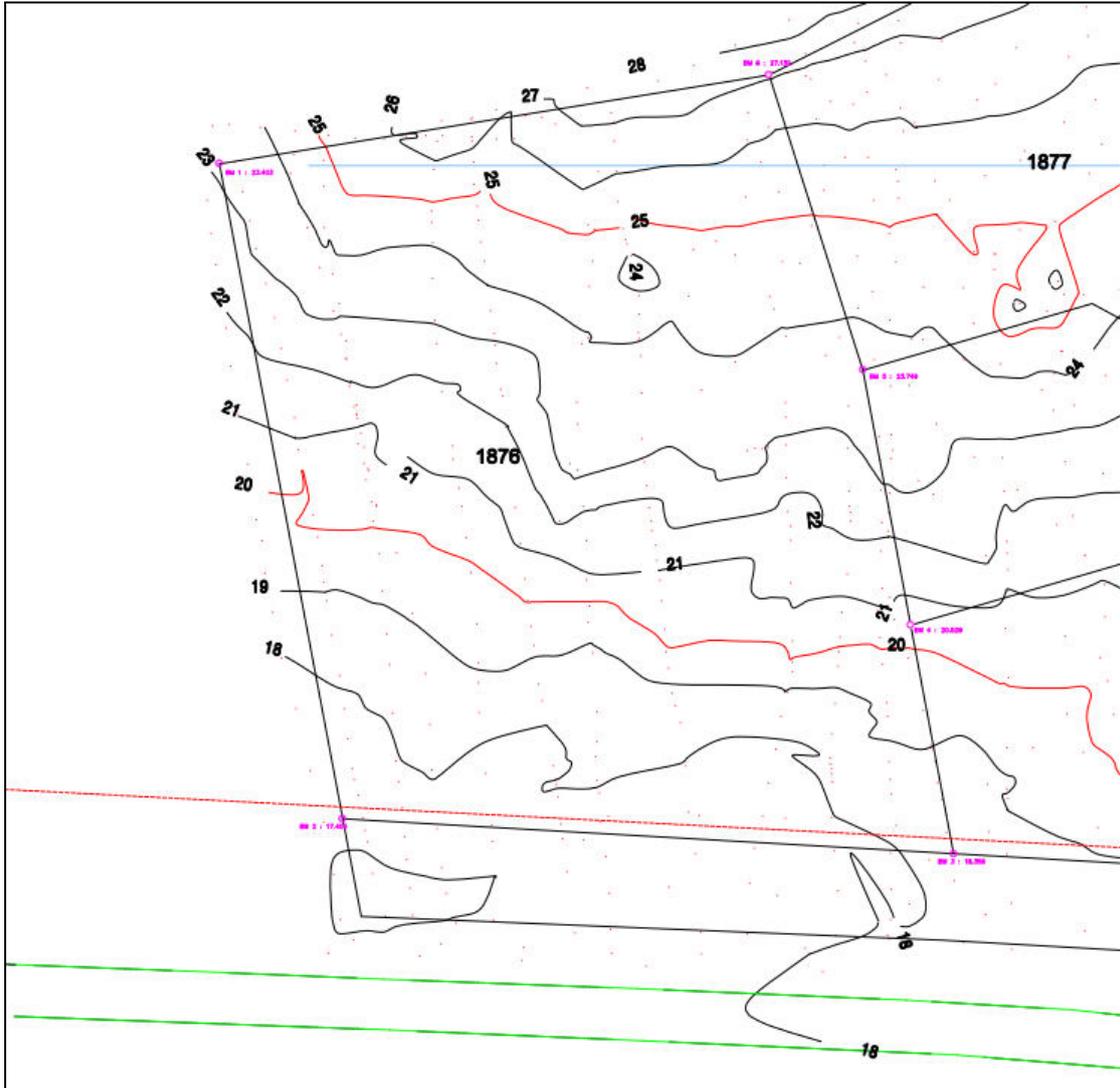


Figure 4: Map showing topography of Erf 1876, Benguela Extension 3, Lüderitz

Erf 1876 shows rocky outcrops and some small shrubs and bushes as vegetation. The vegetation on the site shows signs of human intervention like vehicle tracks, dumping of building rubble and household refuse. See photos below showing the Erf's surface:



Figure 5: Photos showing the rocky outcrops and vegetation on Erf 2050

### 4.1.3. SURROUNDING USES

The Erven in the neighbourhood of Erf 1876 are zoned 'industrial' but are not developed yet. Erf 2050 directly south of Erf 1876 is reserved as a 'public open space' and creates a buffer between the Trunk Road and Erf 1876 and also accommodates a municipal waterline, pumpstation and powerline. Erf 2047 located to the east of Erf 1876 accommodates the Natis Offices and Test Terrain.

See below a *Map* showing the zoning of Erf 1876, Benguela Extension 3, Lüderitz as well as that of the zonings of the surrounding erven:

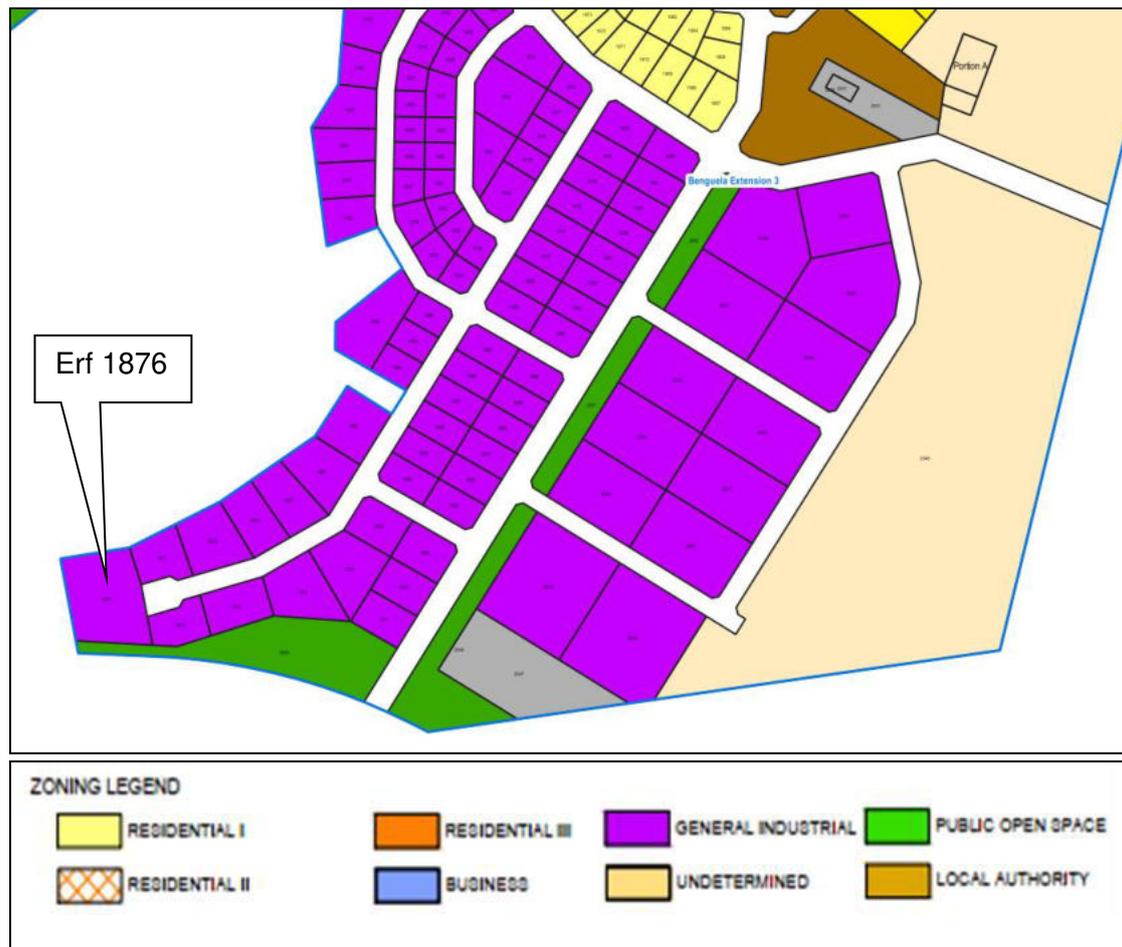


Figure 6: Zoning of the erven surrounding Erf 1876, Benguela Extension 3, Lüderitz.

### 4.2. THE PROPOSED PROJECT

The Lüderitz Town Council, per Council Resolution C61/18/07/2023, approved the sale of Erf 1876, Benguela Extension 3, Lüderitz to Bachmus Oil & Fuel Supplies (Pty) Ltd. Bachmus Oil & Fuel Supplies (Proprietary) Limited obtained a wholesale license to sell diesel and lubricants to wholesale customers in Lüderitz. The Proponent already have depots in Walvis Bay, Windhoek, Swakopmund, Ondangwa, and most recently in Karibib. A new depot will also be constructed in Katima Mulilo soon.

As part of their expansion strategy, the Proponent intends to construct and operate a new warehouse, tank farm and customer own collection fuel and lubricant depot on

Erf 1876, Benguela Extension 3, Lüderitz. The proposed facilities to be constructed on site will be the following:

- 2 X 83 000 litre above ground horizontal tanks.
- Supporting infrastructure including:
  - dispensing points
  - parking areas for vehicles
  - fire protection equipment and backup water
  - offices
  - storage areas for batteries and lubricants
  - a tuck/convenience shop
  - ablution facilities
  - spill containment infrastructure, with an oil/water separator was installed to protect against spillages
- A concrete slab will be constructed around the island.
- The refuelling area will be covered by an overhead canopy.
- The entire driveway area, the area surrounding the dispensing points and area below the canopy will be raised by land infill and sloped and landscaped and provided with proper drainage in order not to be subject to storm water damage/flooding.
- The site will be operating 24h per day.

The 'dangerous/noxious goods' to be handled and stored on the site include diesel, oil, truck batteries and lubricants.

It is estimated that there will be five (5) staff members from the beginning of the project however it is intended to appoint more staff later:

- 2 x fuel attendees
- 1 x sales counter staff
- 1 x storeman
- 1 x depot/sales manager

**The operational activities on the site are:**

- Entrance and exit of heavy and light vehicles to and from the facility.
- Circulation and parking of vehicles on the site, at the filling points, warehouses, the kiosk and offices.
- Movement of people on the site, including pedestrians visiting the kiosk and offices.
- Filling trucks with fuel.
- Filling of fuel into the aboveground tanks by direct closed transfer.
- Delivery of supplies for the site.
- Administrative activities related to the businesses.

See below the site plan showing the placement of the tanks, dispensing equipment, staff and customer amenities, office and storage, vehicle parking areas and sales area. Dedicated firefighting equipment including onsite water storage tanks and fire pump station will also be installed on the site.

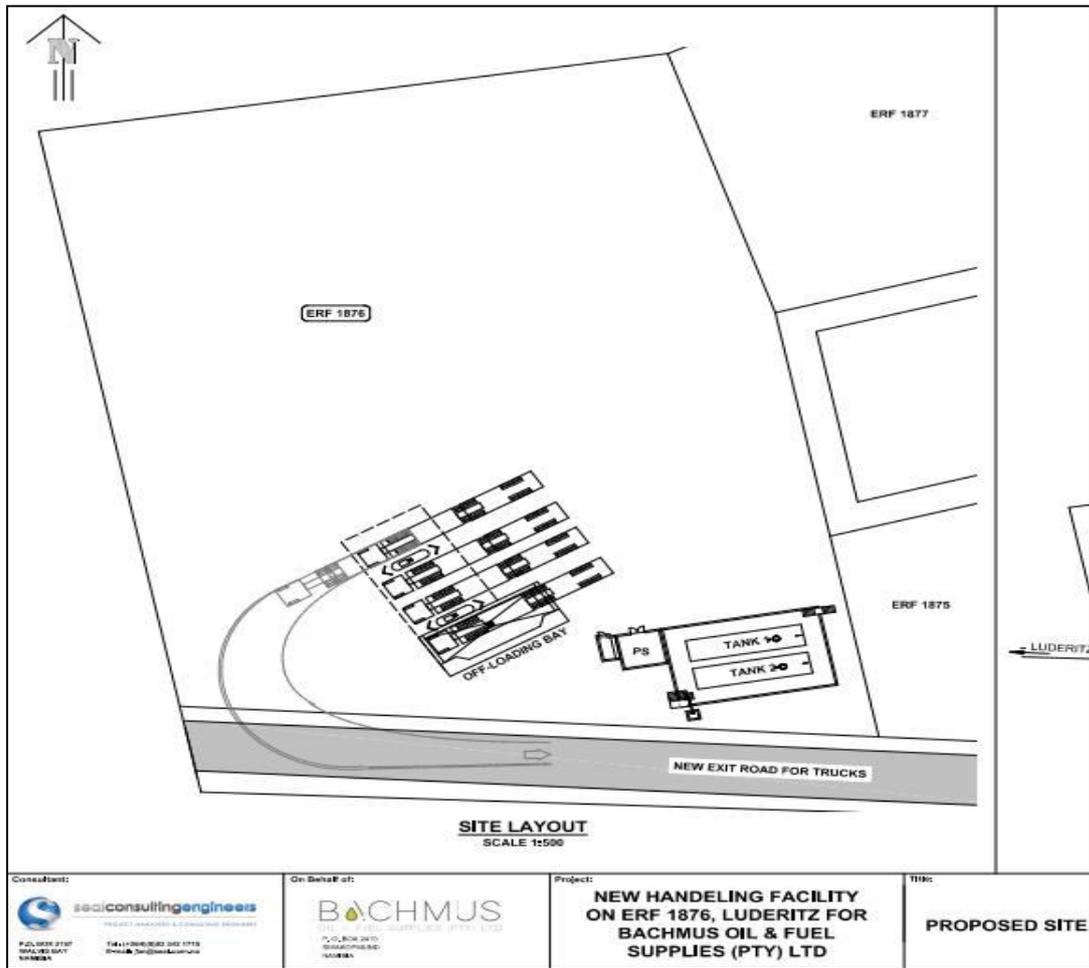


Figure 5: Proposed site plan showing the facilities on Erf 1876, Lüderitz

## 5. APPROVALS OBTAINED

The Lüderitz Town Council, per Council Resolution C61/18/07/2023, approved the sale of Erf 1876, Benguela Extension 3, Lüderitz to Bachmus Oil & Fuel Supplies (Pty) Ltd. See below the Lüderitz Town Council's approval letter dated 31 July 2023:

 <b>LÜDERITZ TOWN COUNCIL</b> <b>P. O. BOX 19</b> <b>LÜDERITZ</b>	
<hr/>	
Tel: +09264 63 207800 Ref: Fuel & Lubricant Depot Enquiries: Mr. T. Shipepe	Fax: +09264 63 202971
31 July 2023	
Mr. Jaun-Mare Delpont Operation Manager Bachamus Oil & Supplies P.O. Box 2788 Walvisbay Email: <a href="mailto:info@bachamus.com.na">info@bachamus.com.na</a> Tel: 064 205 812	
Dear Mr. Delpont,	
<b>RE: LAND TO ESTABLISH A FUEL &amp; LUBRICANT DEPOT</b>	
The afore-mentioned subject bears reference.	
The Lüderitz Town Council at its Ordinary Council's meeting held on the 18 July 2023, resolved by means of a Council's Resolution <b>No.: C61/18/07/2023</b> as follows:	
<ul style="list-style-type: none"><li>a) Council approves the sale of Erf 1876, Benguela-Extension 3 which measures 6550 m<sup>2</sup> to Bachmus Oil &amp; Fuel Supplies at a rate of N\$ 170/m<sup>2</sup> which translate into a total sale price of N\$ 1 113 500.00 subject to Ministerial approval;</li><li>b) Council approves the lease of Erf 1876 Benguela Extension 3 which measures 6550 m<sup>2</sup> to Bachmus Oil &amp; Fuel Supplies for 11 months at a total leasing price of N\$ 33 405 per month, which the total will constitute as the 33.3 % deposit that would have been payable at the signing of the Deed of Sale;</li><li>c) Council approves that the rest of the outstanding amount, N\$ 746 045.00, to be paid over a period of four (4) years and one (1) month at 12% interest rate;</li><li>d) The Lease Agreement be entered into by the two Parties, to enable the environmental and construction work to commence while Ministerial approval for the sale is being sought by Council;</li><li>e) Council approves the construction of permanent structures during the lease period subject to approval of building plans at the Applicant's own risk;</li><li>f) No sub-leasing be allowed by the Applicant during the lease period;</li><li>g) A non-refundable amount equal to the quotation amount for advertising be payable by Bachmus Oil &amp; Fuel Supplies (for advertisement for any possible objection to the sale);</li></ul>	
<small>All official correspondences must be addressed to the Chief Executive Officer</small>	

- h) Council approves for Bachmus Oil & Fuel Suppliers to be responsible for all the environmental planning cost, storm water management cost, service connection and upgrading cost pertaining to Erf 1876 Benguela Extension 3;
- i) Council grants approval for Administration to place notices of Council's intention to sell Erf 1876 Benguela Extension 3 in two newspapers for objections purposes in terms of Section 63 (2) of the Local Authorities Act, Act 23 of 1992, as amended;
- j) Applicant be informed that building plans be submitted to Technical Department for evaluation and approval before commencements of any building activities;
- k) The Transfer cost and any other legal fees be for the account of Bachmus Oil & Fuel Supplies;
- l) A minimum building clause of four times the valuation of the Erf be placed on the main building excluding the outbuilding.
- m) The Erf shall only be used for purposes which are in accordance with and subject to the provision of the Lüderitz Zoning Scheme as amended.
- n) The Purchaser will be responsible for payment of assessment rates and minimum service charges from date of signature of the Deed of Sale.

Your good institution has fourteen (14) working days to confirm the acceptance of the Council's offer hence failure to respond within the prescribe days, will deem the offer automatically being reverted back to Lüderitz Town Council.

I hope it's in order.

Yours sincerely,



**Mr. Otto K. Shipanga**  
**Acting Chief Executive Officer**  
**Lüderitz Town Council**

Cc: All HODs  
 All Hon. Councillors  
 Ms. Helena Thomas- Town Planning Officer  
 Mr. Jonas Mahalelo- Control Officer: Properties  
 Mr. Elwin !Gauseb- PRO



*All official correspondences must be addressed to the Chief Executive Officer*

The following approval was obtained from the Ministry of Mines and Energy:

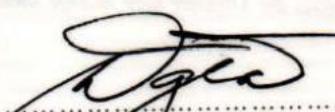


**MINISTRY OF MINES AND ENERGY**

**PETROLEUM PRODUCTS AND ENERGY ACT, 1990  
PETROLEUM PRODUCTS REGULATIONS (2000)**

**WHOLESALE LICENCE**

*[Regulation 12(4)]*

<b>WHOLESALE LICENCE</b>		<b>Licence No. W/4/2005</b>
<b>Name of licence-holder</b>	<b>Bachmus Oil &amp; Fuel Supplies (Pty) Ltd</b>	
<b>Address of licence-holder</b>	<b>Physical Address</b>	<b>Postal address</b>
	12 Papegeien Road Hochland Park, Windhoek	Box 5833 Windhoek
<b>Location of storage facilities (if necessary attach separate page)</b>	11°44'00" E / 17°14'41" S (North – EEZ) 29°00' S / 016°02' E / 29°20' S / 015°30' E (South – EEZ) 29°39' S / 015°00' E / 30°00' S / 014°28' E (South – EEZ)	
<b>Conditions applicable to licence</b> <i>See next page for general and special conditions applicable to licence.</i>		
<b>Date of issue of licence</b>	29 September 2005	
<p>Issued by the Minister of Mines and Energy in terms of regulation 12(4), on  <b>29 September 2005 at Windhoek</b></p>		
 Minister: Mines and Energy		

## CONDITIONS APPLICABLE TO WHOLESALE LICENCE

### General Conditions

1. The wholesale licence-holder must at all times comply with the Petroleum Products and Energy Act, the Petroleum Products Regulations (2000) and all other applicable laws, including laws relating to labour, safety, hazardous substances, security, health and environment.
2. The wholesale licence-holder may sell fuel only in bulk quantities.
3. If the wholesale licence-holder sells fuel to any person other than a retail licence-holder, certificate-holder, Government institution, local authority or regional council, the provisions of regulation 8 of the Petroleum Products Regulations (2000), apply with the necessary changes.
4. The fuel wholesale licence holder is required to register with Customs & Excise for special storage warehouses.
5. The sale of fuel to a person referred to in condition 3 may not be made from any other place than from a dispensing point situated at the relevant premises of the wholesaler.
6. All relevant import and export and wholesale sale, of fuel, approvals and permits as required under the Petroleum Products and Energy Act or any other applicable law must be obtained prior to any import into, export from or wholesale sale of fuel in Namibia.
7. The wholesale licence-holder must keep such records and must submit such information to the Minister as are required under the Petroleum Products Regulations (2000).
8. Petroleum products imported or distributed must comply with approved specifications as made applicable by or under the Petroleum Products Regulations (2000).
9. The wholesale licence-holder may not abandon storage facilities otherwise than in accordance with the Petroleum Products Regulations (2000).
10. All applicable duties, levies and taxes must be paid to the relevant authorities and bodies.
11. The wholesale licence-holder must inform the Minister in writing of any changes to be effected to storage facilities prior to effecting such changes.
12. The wholesale licence-holder must inform the Minister as soon as possible of any dangerous situation arising from the conduct of activities authorised under the licence, including the steps taken or proposed to be taken by the licence-holder to rectify such situation or to eliminate or minimise the danger arising from such situation.
13. The wholesale licence-holder must comply with all provisions of the Petroleum Products Regulations relating to petroleum product spills.

### Special Conditions

1. This wholesale licence is only valid if the Ministry of Environment & Tourism has issued an environmental clearance certificate.
2. All offshore bunker transfers must be done in full compliance of the environmental conditions set by the Ministry of Environment & Tourism.
3. To adhere to certain restrictions related to offshore bunker transfers laid down by the Ministry of Works, Transport & Communication to prevent pollution and avoid congestion of vessels.
4. All volumes bunkered must be reported to the Ministry of Mines and Energy each time a offshore bunker transfer has occurred and an audited annual summary of all volumes bunkered from this facility must be handed in two weeks after the year has ended.
5. According to the amended Petroleum Products Regulations the Minister may change these conditions retroactively at any time

The construction and operation of the proposed fuel and lubricant depot is subject to obtaining an Environmental Clearance Certificate from the Ministry of Environment, Forestry and Tourism.

## **6. BULK SERVICES AND INFRASTRUCTURE**

The following bulk services will be provided on the site:

### **6.1.ACCESS REQUIREMENTS**

Erf 1876, Lüderitz, Benguela Extension 3 is located next to the B4 Road leading into the Town of Lüderitz but will obtain access from internal streets that will be created.

### **6.2.WATER SUPPLY**

Water to the Erf will be obtained from the Lüderitz water reticulation network.

### **6.3.ELECTRICITY**

Electricity will be obtained from the Lüderitz electrical supply grid.

### **6.4.SEWAGE DISPOSAL**

Only household sewer will be generated on site from toilet and kitchen facilities. This sewer will be connected to the sewer system of Lüderitz.

### **6.5.SOLID WASTE**

The solid waste generated on the site is collected by the Lüderitz Town Council through their weekly waste collection and management system and disposed of at their approved landfill site.

### **6.6.FIRE PROTECTION**

The Proponent will install the necessary fire protection infrastructure / extinguishers as per the requirements of Lüderitz Town Council.

### **6.7.STORMWATER**

The natural flow of storm water and drainage will be accommodated in the planning and construction of the buildings.

## **7. APPROACH TO THE STUDY**

The assessment included the following activities:

a) Desktop sensitivity assessment

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

#### b) Site assessment (site visit)

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

#### c) Public participation

The public was invited to give input, comments and opinions regarding the proposed project. Notices were placed in the Namibian and New Era (see Appendix) on two consecutive weeks (25 October and 1 November 2023) inviting public participation and comments on the proposed project. A notice was also placed on the site and on the Notice Board of the Town Council of Lüderitz. The closing date for any questions, comments, inputs or information was 17 November 2023.

#### d) Scoping

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

#### e) Environmental Management Plan (EMP)

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

## **8. ASSUMPTIONS AND LIMITATIONS**

It is assumed that the information provided by the proponent (Bachmus Oil & Fuel Supplies) and Lüderitz Town Council is accurate. Bachmus Oil & Fuel Supplies together with officials of Lüderitz Town Council investigated various sites for the proposed project and concluded that Erf 1876, Lüderitz is the best site for the proposed project. Lüderitz Town Council approved the sale of this erf to Bachmus Oil & Fuel Supplies. Therefore, no alternative erven for the proposed project were examined. The site was visited several times and any happenings after this are not mentioned in this report. (The assessment was based on the prevailing environmental conditions and not on future happenings on the site.) However, it is assumed that there will be no significant changes to the proposed project, and the environment will not adversely be affected between the compilation of the assessment and the implementation of the proposed activities.

## **9. ADMINISTRATIVE, LEGAL & POLICY REQUIREMENTS**

To protect the environment and achieve sustainable development, all projects, plans, programs and policies deemed to have adverse impacts on the environment require

an EIA according to Namibian legislation. The administrative, legal and policy requirements to be considered during the Environmental Assessment are the following:

- The Namibian Constitution
- The Environmental Management Act (No. 7 of 2007)
- The Lüderitz Town Planning Amendment Scheme No. 5 (May 2003)
- Other Laws, Acts, Regulations and Policies

## **THE NAMIBIAN CONSTITUTION**

Article 95 of Namibia's constitution provides that:

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

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

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

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

In considering these environmental rights, Bachmus Oil & Fuel Supplies (the Proponent) should consider the following in devising an action plan in response to these articles:

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

## **ENVIRONMENTAL MANAGEMENT ACT (NO. 7 OF 2007)**

The Environmental Impact Assessment Regulations (GN 30 in GG 4878 of 6 February 2012) of the Environmental Management Act (No. 7 of 2007) that came into effect in 2012 requires/recommends that an Environmental Impact Assessment and

an Environmental Management Plan (EMP) be conducted for the following listed activities to obtain an Environmental Clearance Certificate:

**ENERGY GENERATION, TRANSMISSION AND STORAGE ACTIVITIES**

- *The construction of facilities for the refining of gas, oil and petroleum products.*

**HAZARDOUS SUBSTANCE TREATMENT, HANDLING AND STORAGE**

- *The storage and handling of dangerous goods, including petrol, diesel, liquid petroleum gas or paraffin, in containers with a combined capacity of more than 30 cubic meters at any one location.*
- *Construction of filling stations or any other facility for the underground and aboveground storage of dangerous goods, including petrol, diesel, liquid, petroleum, gas or paraffin.*

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

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

**Cradle to Grave Responsibility**

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

**Precautionary Principle**

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

**The Polluter Pays Principle**

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

**Public Participation and Access to Information**

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

**CONCLUSION AND IMPACT**

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



<b>G</b>	General Industrial	Red purple-fill	Industrial building, scrap yard, warehouse, public garage, building yard, dry cleaner, launderette, light industry, place of entertainment, truck port	Service stations, business building, place of instruction, noxious industry, gambling house
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Figure 7: Table B

## CONCLUSION AND IMPACT

The proposed project has been considered under the stipulations of the Lüderitz Town Planning Scheme and the Local Authorities Act. The project is in line with the Lüderitz Town Planning Scheme and will not have a negative impact on the surrounding environment. Council approved the sale of Erf 1876, Benguela Extension 3, Lüderitz to be used as intended and is thus supporting the project and use.

## OTHER LAWS, ACTS, REGULATIONS AND POLICIES

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

Table 1: Laws, Acts, Regulations and Policies

<b>Laws, Acts, Regulations &amp; Policies consulted:</b>		
<b>Electricity Act (No. 4 of 2007)</b>	In accordance with the Electricity Act (No. 4 of 2007) which provides for the establishment of the Electricity Control Board and provide for its powers and functions; to provide for the requirements and conditions for obtaining licenses for the provision of electricity; to provide for the powers and obligations of licenses; and to provide for incidental matters: the necessary permits and licenses will be obtained.	The Proponent must abide to the Electricity Act.
<b>Pollution Control and Waste Management Bill (guideline only)</b>	The <b>Pollution Control and Waste Management Bill</b> is currently in preparation and is therefore included as a guideline only. Of reference to the mining, Parts 2, 7 and 8 apply. Part 2 provides that no person shall discharge or cause to be discharged, any pollutant to the air from a process except under and in accordance with the provisions of an air pollution license issued under section 23. Part 2 also further	The Proponent must adhere to the Pollution Control and Waste Management Bill.

	<p>provides for procedures to be followed in license application, fees to be paid and required terms of conditions for air pollution licenses. Part 7 states that any person who sells, stores, transports or uses any hazardous substances or products containing hazardous substances shall notify the competent authority, in accordance with sub-section (2), of the presence and quantity of those substances. The competent authority for the purposes of section 74 shall maintain a register of substances notified in accordance with that section and the register shall be maintained in accordance with the provisions. Part 8 provides for emergency preparedness by the person handling hazardous substances, through emergency response plans.</p>	
<p><b>Water Resources Management Act</b></p>	<p>The <b>Water Resources Management Act (No. 11 of 2013)</b> stipulates conditions that ensure effluent that is produced to be of a certain standard. There should also be controls on the disposal of sewage, the purification of effluent, measures should be taken to ensure the prevention of surface and groundwater pollution and water resources should be used in a sustainable manner.</p>	<p>The Act must be consulted. Fresh water abstraction and waste-water discharge permits should be obtained when required.</p>
<p><b>Solid and Hazardous Waste Management Regulations: Local Authorities 1992</b></p>	<p>Provides for management and handling of industrial, business and domestic waste.</p>	<p>The Proponent must abide to the solid waste management provisions.</p>
<p><b>Hazardous Substances Ordinance (No. 14 of 1974)</b></p>	<p>The <b>Ordinance</b> applies to the manufacture, sale, use, disposal and dumping of hazardous substances, as well as their import and export and is administered by the Minister of Health and Social Welfare. Its primary purpose is to</p>	<p>The Proponent must abide to the Ordinance's provisions.</p>

	prevent hazardous substances from causing injury, ill-health or the death of human beings.	
<b>Atmospheric Pollution Prevention Ordinance of Namibia (No. 11 of 1976)</b>	Part 2 of the <b>Ordinance</b> governs the control of noxious or offensive gases. The Ordinance prohibits anyone from carrying on a scheduled process without a registration certificate in a controlled area. The registration certificate must be issued if it can be demonstrated that the best practical means are being adopted for preventing or reducing the escape into the atmosphere of noxious or offensive gases produced by the scheduled process.	The proponent should adhere to the stipulations of the Atmospheric Pollution Prevention Ordinance.
<b>Nature Conservation Ordinance</b>	The <b>Nature Conservation Ordinance (No. 4 of 1975)</b> covers game parks and nature reserves, the hunting and protection of wild animals, problem animals, fish and indigenous plant species. The Ministry of Environment, Forestry and Tourism (MEFT) administer it and provides for the establishment of the Nature Conservation Board.	The proposed project implementation is not located in a demarcated conservation area, national park or unique environments.
<b>Forestry Act</b>	The <b>Forestry Act (No. 12 of 2001)</b> specifies that there be a general protection of the receiving and surrounding environment. The protection of natural vegetation is of great importance, the Forestry Act especially stipulates that no living tree, bush, shrub or indigenous plants within 100m from any river, stream or watercourse, may be removed without the necessary license.	No removal of protected tree species or removal of mature trees should happen. The Ministry of Environment, Forestry and Tourism should be consulted when required.
<b>Labour Act</b>	The <b>Labour Act (No. 11 of 2007)</b> contains regulations relating to the Health, Safety and Welfare of employees at work. These regulations are prescribed for among others safety relating to hazardous substances, exposure limits and physical hazards. Regulations relating to the Health and Safety of Employees at Work are promulgated in terms of the Labour Act 6 of 1992 (GN156,	The proponent and contractor should adhere to the Labour Act.

	GG1617 of 1 August 1997).	
<b>Traditional Authorities Act (No. 17 of 1995)</b>	The <b>Traditional Authorities Act (No. 17 of 1995)</b> provide for the establishment of traditional authorities, the designation and recognition of traditional leaders; to define their functions, duties and powers; and to provide for matters incidental thereto.	Traditional Authorities should be consulted when required.
<b>Public and Environmental Health Act</b>	The Public and Environmental Health Act (No. 1 of 2015) provides with respect to matters of public health in Namibia. The objects of this Act are to: (a) promote public health and wellbeing; (b) prevent injuries, diseases and disabilities; (c) protect individuals and communities from public health risks; (d) encourage community participation in order to create a healthy environment; and (e) provide for early detection of diseases and public health risks.	The proponent and contractor should adhere to the Public and Environmental Health Act.
<b>National Heritage Act (No. 27 of 2004)</b>	All protected heritage resources discovered need to be reported immediately to the National Heritage Council (NHC) and require a permit from the NHC before it may be relocated. This should be applied from the NHC.	The National Heritage Council should be consulted when required.
<b>National Monuments Act of Namibia (No. 28 of 1969) as amended until 1979</b>	No person shall destroy, damage, excavate, alter, remove from its original site or export from Namibia: (a) any meteorite or fossil; or (b) any drawing or painting on stone or a petroglyph known or commonly believed to have been executed by any people who inhabited or visited Namibia before the year 1900 AD; or (c) any implement, ornament or structure known or commonly believed to have been used as a mace, used or erected by people referred to in paragraph; or (d) the anthropological or archaeological contents of graves, caves, rock shelters, middens, shell mounds or other sites used by such people; or	The proposed site for development is not within any known monument site both movable or immovable as specified in the Act, however in such an instance that any material or sites or archeologic importance are identified, it will be the responsibility of the developer to take the required route and notify the relevant commission.

	(e) any other archaeological or palaeontological finds, material or object; except under the authority of and in accordance with a permit issued under this section.	
<b>Public Health Act (No. 36 of 1919)</b>	Under this act, in section 119: “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.”	The proponent will ensure that all legal requirements of the project in relation to protection of the health of their employees and surrounding residents is protected and will be included in the EMP. Relevant protective equipment shall be provided for employees in construction. The development shall follow requirements and specifications in relation to water supply and sewerage handling and solid waste management so as not to threaten public health of future residents on this piece of land.
<b>Soil Conservation Act (No. 76 of 1969)</b>	The objectives of this Act are to: Make provisions for the combating and prevention of soil erosion; Promote the conservation, protection and improvement of the soil, vegetation, sources and resources of the Republic;	Only the area required for the operations should be cleared from vegetation to ensure the minimum impact on the soil through clearance for construction.
<b>Air Quality Act (NO. 39 of 2004)</b>	The <b>Air Quality Act (No. 39 of 2004)</b> intends to provide for national norms and standards regulating air quality monitoring, management and control by all spheres of government; for specific air quality measures; and for matters incidental thereto.	The proponent and contractor should adhere to the Air Quality Act.
<b>Vision 2030 and National Development Plans</b>	Namibia’s overall development ambitions are articulated in the Nation’s Vision 2030. At the operational level, five-yearly national development plans (NDP’s) are prepared in extensive consultations led by the National Planning Commission in the Office of the President. Currently the Government has so far launched a 4th NDP which pursues three overarching goals for the	The proposed project is an important element in employment creation.

	Namibian nation: high and sustained economic growth; increased income equality; and employment creation.	
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### **CONCLUSION AND IMPACT**

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

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

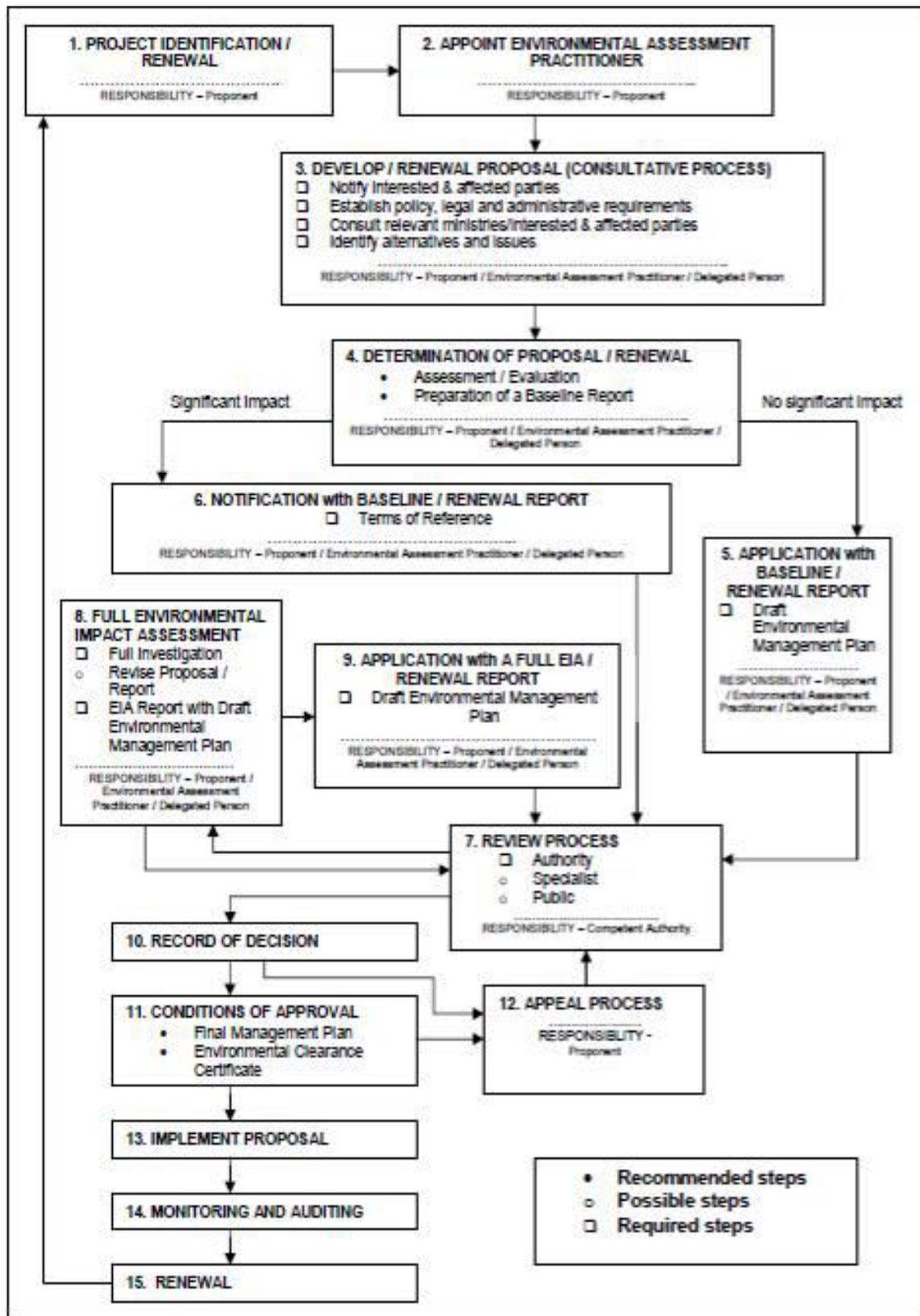


Figure 8: Flowchart of the Impact Process

## 10. AFFECTED RECEIVING ENVIRONMENT

### 10.1. BIODIVERSITY AND VEGETATION

Lüderitz is part of the Namib Desert and Succulent Karoo Biomes. The project site is showing evidence of some human interference namely informal tracks are present and a few gravel roads are present on the site. The erf has a limited amount of vegetation.

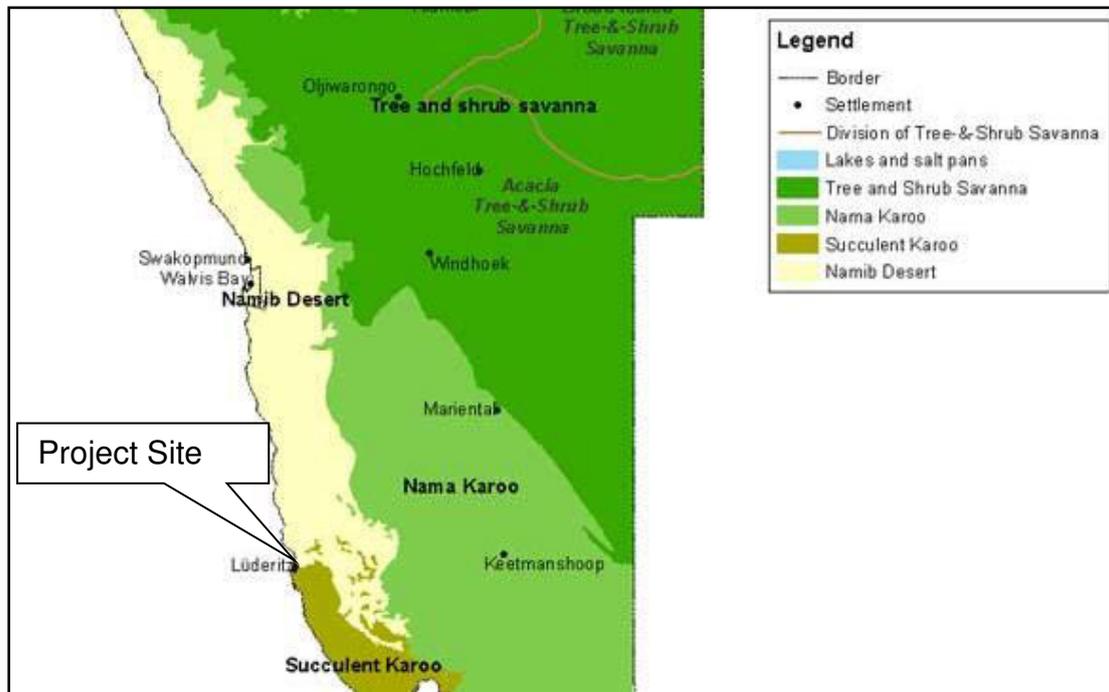


Figure 9: Biomes in Namibia (Atlas of Namibia Project, 2002)

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

#### CONCLUSION AND IMPACT

The activities will have a low impact on vegetation, shrubs, and trees.

### 10.2. GEOLOGY AND SOILS

Lüderitz is located in the Namaqua Metamorphic Complex Group. The rocky subsurface of Lüderitz consists of crystalline rocks of the Namaqua Metamorphic Complex. These ancient rocks belong to the oldest formations known in southern Namibia. These rock formations can be observed throughout the town and forms the foundations of many of the buildings to be observed in Lüderitz.

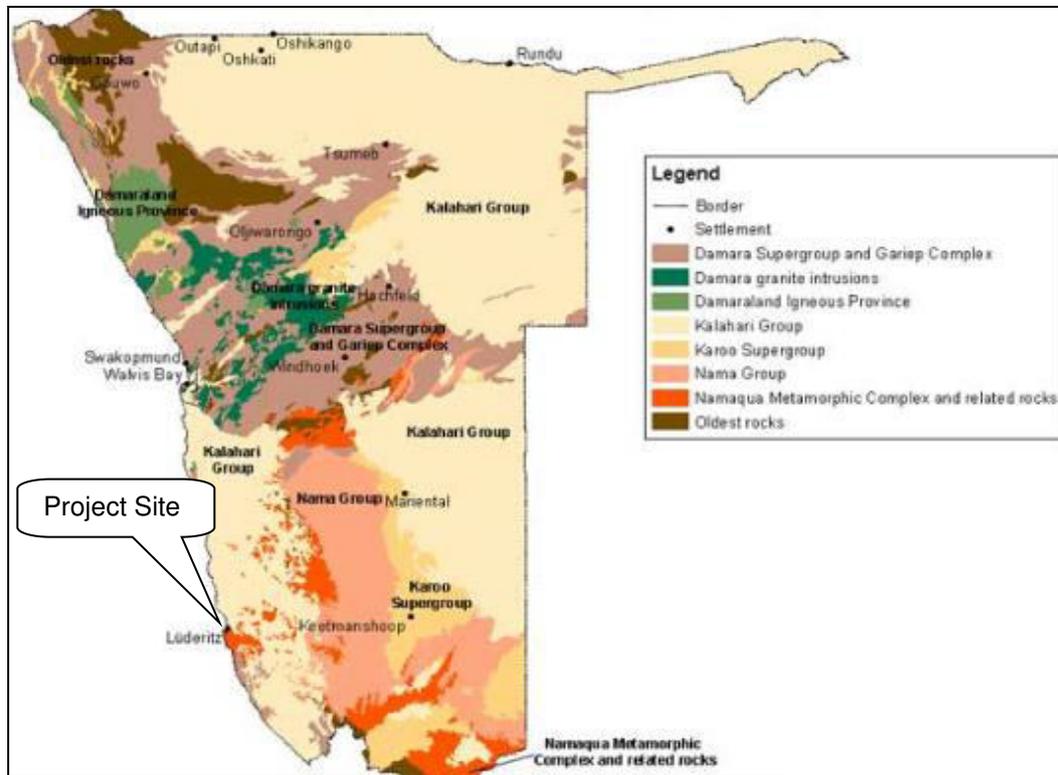


Figure 10: Geology of Namibia (Atlas of Namibia Project, 2002)

## CONCLUSION AND IMPACT

The activities will not impact on the geology, soils and geohydrology of the area. The surface drainage canals will be kept open in order that water can flow through.

## 10.3. SOCIO ECONOMIC ENVIRONMENT

A large section of the town's economy relies on providing services for the mining, fishing and tourism industries as well as the activities of Lüderitz harbour. The town experience a high traffic of trucks taking goods in and out of the harbour which requires fuel and lubricants as well as parking. Lüderitz will benefit from more employment opportunities, skills and technology transfer during construction and operations of the development. The spending power of locals is likely to increase because of employment during the construction and operational phase.

The area where Erf 1876, Lüderitz is located has been earmarked by the Town Council for industrial use and is serviced with bulk services. The proposed development will not have a negative impact on the social environment as it is in line with the proposed uses in this area. It will thus have a positive impact on the social environment. The socio-economic characteristics of the area are continuously changing as more economic activities are established within the area.

## CONCLUSION AND IMPACT

The activities will have a positive impact on the community since employment will be created.

## 10.4. CLIMATE

The climate in Lüderitz is called a desert climate. There is virtually no rainfall all year long in Lüderitz. The Köppen-Geiger climate classification is BWk. The average annual temperature is 15.8 °C in Lüderitz. Precipitation averages 17 mm.

The driest month is January. There is 0 mm of precipitation in January. The greatest amount of precipitation occurs in May, with an average of 3 mm. With an average of 17.9 °C, February is the warmest month. The lowest average temperatures in the year occur in August, when it is around 13.5 °C. The precipitation varies 3 mm between the driest month and the wettest month. The variation in temperatures throughout the year is 4.4 °C (*Climate-Data.org, 2017*).

Climate data for Lüderitz													[hide]
Month	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year
Record high °C (°F)	32.5 (90.5)	30.0 (86)	34.1 (93.4)	36.5 (97.7)	33.0 (91.4)	31.6 (88.9)	30.7 (87.3)	33.0 (91.4)	35.1 (95.2)	35.0 (95)	37.5 (99.5)	30.6 (87.1)	37.5 (99.5)
Average high °C (°F)	21.4 (70.5)	21.3 (70.3)	21.1 (70)	19.9 (67.8)	19.2 (66.6)	19.0 (66.2)	17.9 (64.2)	17.2 (63)	17.3 (63.1)	18.0 (64.4)	19.2 (66.6)	20.5 (68.9)	19.3 (66.7)
Daily mean °C (°F)	17.7 (63.9)	17.8 (64)	17.4 (63.3)	16.3 (61.3)	15.5 (59.9)	15.1 (59.2)	14.1 (57.4)	13.7 (56.7)	13.9 (57)	14.7 (58.5)	15.8 (60.4)	17.0 (62.6)	15.7 (60.3)
Average low °C (°F)	14.0 (57.2)	14.3 (57.7)	13.8 (56.8)	12.6 (54.7)	11.7 (53.1)	11.2 (52.2)	10.4 (50.7)	10.2 (50.4)	10.5 (50.9)	11.4 (52.5)	12.3 (54.1)	13.5 (56.3)	12.1 (53.8)
Record low °C (°F)	5.5 (41.9)	5.0 (41)	6.0 (42.8)	5.5 (41.9)	3.3 (37.9)	0.2 (32.4)	3.0 (37.4)	4.8 (40.6)	3.4 (38.1)	3.4 (38.1)	4.9 (40.8)	3.9 (39)	0.2 (32.4)
Average precipitation mm (inches)	0 (0)	1 (0.04)	2 (0.08)	2 (0.08)	3 (0.12)	3 (0.12)	1 (0.04)	2 (0.08)	1 (0.04)	0 (0)	0 (0)	0 (0)	17 (0.67)
Average precipitation days (≥ 0.1 mm)	1.0	1.0	1.0	0.9	1.4	1.4	1.0	0.7	0.5	0.5	0.5	0.7	10.6
Average relative humidity (%)	82	81	82	80	79	72	74	78	80	80	80	80	79
Mean monthly sunshine hours	198.4	203.4	257.3	216.0	213.9	144.0	170.5	201.5	216.0	201.5	189.0	176.7	2,388.2
Mean daily sunshine hours	6.4	7.2	8.3	7.2	6.9	4.8	5.5	6.5	7.2	6.5	6.3	5.7	6.5

Source: Deutscher Wetterdienst<sup>[6]</sup>

Figure 11: Climate in Lüderitz (Deutscher Wetterdienst)

## CONCLUSION AND IMPACT

The activities will not have an impact on the climate.

## 10.5. HYDROLOGICAL COMPONENT

Considering the solid metamorphic rock basements, lack of both porous sand stones and gravel beds and the prevailing dryness of the area, potable water is lacking in this area of Lüderitz. The danger of polluting underground water is therefore zero. Therefore, the area where the project site is located has a very low groundwater potential from a permeability and yield perspective (*Grunert, 2003*).

Although the rainfall in this area is very low and most of the surface water evaporates, runoff can be expected due to the impermeability of soils (*Grunert, 2003*). The storage and accumulation of substances, which might pollute lower lying surface drainage systems or basins because of surface water drainage, should be prevented. No potential pollutants should be channelled or directed towards any drainage areas or the sea.

The fuel storage facilities will have bund walls to prevent any leakage of spillages of diesel and oil into the surface and ground water. The filling and dispensing points will also be paved and equipped with spill containment infrastructure to prevent any spillages from polluting surface and ground water.

From the hydrological assessment perspective, no major geological structures that will enhance groundwater recharge or flow are evident on the proposed project site (*Grunert, 2003*).

#### **CONCLUSION AND IMPACT**

The proposed activities will not have an impact on surface and ground water.

### **10.6. CULTURAL HERITAGE**

The proposed project site is not known to have any historical significance prior to or after Independence in 1990. The specific area does not have any National Monuments and the specific site has no record of any cultural or historical importance or on-site resemblance of any nature. No graveyard or related article was found on the site.

#### **CONCLUSION AND IMPACT**

No heritage resources or graveyards were observed on the site or in the area.

### **10.7. SENCE OF PLACE**

Erf 1876, Lüderitz is located in an industrial area of the Town. The site is also situated in reaching distance to bulk infrastructural networks consisting of roads and electricity. The proposed activities will not have a negative impact on the sense of place in the area. An untidy or badly managed site can detract from the ecological well-being and individuality of the area. Unnecessary disturbance to the surroundings could be caused by poorly planned or poorly managed operational activities. The project site should be kept neat and clean where possible. Vegetation should not be removed or harmed if not necessary since it covers topsoil which prevents erosion. Noise and dust should be limited in the construction phase because of the neighbouring industrial and business activities.

## CONCLUSION AND IMPACT

The impact on the sense of place will be low.

## 10.8. HEALTH

The safety, security and health of the labour force, employees and neighbours are of great importance, workers should be orientated with the maintenance of safety and health procedures and they should be provided with PPE (Personal Protective Equipment). A health and safety officer are employed to manage, coordinate and monitor risk and hazard and report all health and safety related issues in the workplace. The introduction of external workers into the area is sometimes accompanied with criminal activities posing security risks for neighbours. However, the proponent will take certain measures to prevent any activity of this sort. The welfare and quality of life of the neighbours and workforce needs to be considered for the project to be a success on its environmental performance. Conversely, the process should not affect the overall health of persons related to the project including the neighbours.

## CONCLUSION AND IMPACT

The proposed activities will have a low impact on the health of the community.

## 11. IMPACT ASSESSMENT AND EVALUATION

The Environmental Impact Assessment sets out potential positive and negative environmental impacts associated with the proposed project, which is located on Erf 1876, Lüderitz. The following assessment methodology will be used to examine each impact identified, see *Table* below:

*Table 1: Impact Evaluation Criterion (DEAT 2006)*

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

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

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

## 11.1. IMPACTS DURING THE CONSTRUCTION ACTIVITY

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

### 11.1.1. WATER USAGE

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

#### Impact Evaluation

Aspect	Impact Type	Scale	Duration	Magnitude	Probability	Significance	
						Unmitigated	Mitigated
Water	-	2	2	4	2	M	L

### 11.1.2. ECOLOGICAL IMPACTS

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

#### Impact Evaluation

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

### 11.1.3. DUST POLLUTION AND AIR QUALITY

Dust generated during the transportation of building materials; construction and installation of bulk services, and problems thereof are expected to be low and site specific. Dust is expected to be worse during the winter months when strong winds occur. Release of various particulates from the site during the construction phase and exhaust fumes from vehicles and machinery related to the construction of bulk services are also expected to take place. Dust is regarded as a nuisance as it reduces visibility, affects the human health and retards plant growth. It is recommended that regular dust suppression be included in the construction activities, when dust becomes an issue.

#### Impact evaluation

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

### 11.1.4. NOISE IMPACT

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

### Impact evaluation

Aspect	Impact Type	Scale	Duration	Magnitude	Probability	Significance	
						Unmitigated	Mitigated
Noise	-	2	1	4	2	M	L

## 11.1.5. HEALTH, SAFETY AND SECURITY

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

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

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

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

### Impact evaluation

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

## 11.1.6. CONTAMINATION OF GROUNDWATER

Care must be taken to avoid contamination of soil and groundwater. Use drip trays when doing maintenance on machinery. Maintenance should be done on dedicated areas with linings or concrete flooring. The risk can be lowered further through

proper training of staff. All spills must be cleaned up immediately. Excavations should be backfilled and sealed with appropriate material, if it is not to be used further.

#### Impact Evaluation

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

### 11.1.7. SEDIMENTATION AND EROSION

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

#### Impact Evaluation

Aspect	Impact Type	Scale	Duration	Magnitude	Probability	Significance	
						Unmitigated	Mitigated
Erosion and Sedimentation	-	1	2	4	2	M	L

### 11.1.8. GENERATION OF WASTE

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

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

#### Impact Evaluation

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

### 11.1.9. CONTAMINATION OF SURFACE WATER

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

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

#### Impact Evaluation

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

### 11.1.10. TRAFFIC AND ROAD SAFETY

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

#### Impact Evaluation

Aspect	Impact Type	Scale	Duration	Magnitude	Probability	Significance	
						Unmitigated	Mitigated
Traffic	-	2	2	4	3	M	L

### 11.1.11. FIRES AND EXPLOSIONS

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

#### Impact Evaluation

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

## 11.1.12. SENSE OF PLACE

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

### Impact Evaluation

Aspect	Impact Type	Scale	Duration	Magnitude	Probability	Significance	
						Unmitigated	Mitigated
Nuisance Pollution	-	1	1	2	2	L	L

## 11.2. IMPACTS DURING THE OPERATIONAL PHASE

### 11.2.1. ECOLOGICAL IMPACTS

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

### Impact Evaluation

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

### 11.2.2. DUST POLLUTION AND AIR QUALITY

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

### Impact Evaluation

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

### 11.2.3. CONTAMINATION OF GROUNDWATER

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

#### Impact Evaluation

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

### 11.2.4. GENERATION OF WASTE

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

#### Impact Evaluation

Aspect	Impact Type	Scale	Duration	Magnitude	Probability	Significance	
						Unmitigated	Mitigated
Waste Generation	-	1	2	2	2	M	L

### 11.2.5. FAILURE IN RETICULATION PIPELINES

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

#### Impact Evaluation

Aspect	Impact Type	Scale	Duration	Magnitude	Probability	Significance	
						Unmitigated	Mitigated
Failure of Reticulation Pipeline	-	1	1	4	2	M	L

## 11.2.6. FIRES AND EXPLOSIONS

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

### Impact Evaluation

Aspect	Impact Type	Scale	Duration	Magnitude	Probability	Significance	
						Unmitigated	Mitigated
Fires and Explosions	-	2	1	4	2	M	L

## 11.2.7. HEALTH, SAFETY AND SECURITY

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

### Impact Evaluation

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

## 11.3. CUMULATIVE IMPACTS

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

Possible cumulative impacts associated with the proposed project include sewer damages/maintenance, vegetation and animal disturbance, uncontrolled traffic and destruction of the natural environment. These impacts could become significant

especially if it is not properly supervised and controlled. This could collectively impact on the environmental conditions in the area. Cumulative impacts could occur in both the operational and the construction phase.

#### Impact Evaluation

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

## 12. ENVIRONMENTAL MANAGEMENT PLAN

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

The objectives of the EMP are:

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

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

## 13. CONCLUSION

The EIA has been completed in line with the requirements of the Environmental Management Act, 2007 and Regulations and it is concluded and recommended that the specific site identified namely Erf 1876, Lüderitz, has the full potential to be used for the proposed activities. The identified environmental and social impacts can be minimized and managed through implementing preventative measures and sound management systems. It is recommended that the environmental performance be monitored regularly to ensure compliance and that corrective measures be taken if necessary.

In general, the operation of the proposed project would pose limited environmental risks, provided that the EMP for the activity is used properly. The EMP should be used as an onsite tool during the operation of the project. Parties responsible for non-conformances of the EMP should be held responsible for any rehabilitation that has to be undertaken. After assessing all information available on this project, Green Earth Environmental Consultants are of the opinion that the proposed project site is

suitable for the proposed activities. The accompanying EMP will focus on mitigation measures that will remediate or eradicate the negative or adverse impacts.

It is concluded that, due to the anticipated influx of people to Lüderitz, that there is a need for additional services which Bachmus Oil & Fuel Supplies intends to provide through the development of the fuel storage and handling facilities. The proposed facilities will also create additional employment opportunities. Erf 1876 is large enough, ideally located with good access and thus desirable for the construction and operation of the facilities. As the neighbouring area already has a mixed used character, the proposed use will not impact negatively on the rest of the neighbourhood.

## **14. RECOMMENDATION**

It is therefore recommended that the Ministry of Environment, Forestry and Tourism through the Environmental Commissioner support and approve the Environmental Clearance for fuel storage and handling facilities on Erf 1876, Lüderitz, Benguela Extension 3, IlKaras Region and to issue an Environmental Clearance for the following 'Listed Activities':

### ***ENERGY GENERATION, TRANSMISSION AND STORAGE ACTIVITIES***

- *The construction of facilities for the refining of gas, oil and petroleum products.*

### ***HAZARDOUS SUBSTANCE TREATMENT, HANDLING AND STORAGE***

- *The storage and handling of dangerous goods, including petrol, diesel, liquid petroleum gas or paraffin, in containers with a combined capacity of more than 30 cubic meters at any one location.*
- *Construction of filling stations or any other facility for the underground and aboveground storage of dangerous goods, including petrol, diesel, liquid, petroleum, gas or paraffin.*

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**CLOSING DATE: 01 NOVEMBER 2023**

Interested candidates may forward their CVs and relevant documents to [aalagba@iway.na](mailto:aalagba@iway.na)

### Notice

**Legal Notice**

### PUBLIC NOTICE

Take notice that Mr. HERMAN SHIVULO as the owner intends to apply to the Windhoek Municipal Council for the:

- CONSTRUCTION OF A DWELLING UNIT COMPRISING OF MORE THAN TWO STOREYS ON ERF 912 CONCESSION STREET, KLEINE KUPPE IN TERMS OF SECTION 21 (3) OF THE WINDHOEK TOWN PLANNING SCHEME.

Erf 912-KK is 600 m<sup>2</sup> in extent. The proposed construction will allow the owner to construct a dwelling unit with a coverage of 40% on Erf 912, KLEINE KUPPE. The intention of the owner is to use the erf for residential purposes and sufficient parking will be provided.

Further take notice that the plan of the erf lies for inspection on the town planning notice board in the Customer Care Centre, Main Municipal Offices, Rev. Michael Scott Street, Windhoek.

Further take notice that any person objecting to the proposed use of the land as set out above may lodge such objection together with the grounds thereof, with the City and with Applicant in writing within 14 days of the last publication of this notice.

**DATED at Windhoek this 26<sup>th</sup> October 2023**

The Last Date for any objections is 24<sup>th</sup> November 2023

**ATELIER MAGNA CINCO**  
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### Green Earth Environmental Consultants

**CALL FOR PUBLIC PARTICIPATION/COMMENTS ENVIRONMENTAL IMPACT ASSESSMENT AND ENVIRONMENTAL MANAGEMENT PLAN TO OBTAIN AN ENVIRONMENTAL CLEARANCE FOR THE CREATION OF A ROAD AND FUEL STORAGE AND HANDLING FACILITIES ON ERF 1876, LUDERITZ, IKARAS REGION**

Green Earth Environmental Consultants have been appointed to attend to and complete an Environmental Impact Assessment and Environmental Management Plan (EMP) to obtain an Environmental Clearance Certificate as per the requirements of the Environmental Management Act (No. 7 of 2007) and the Environmental Impact Assessment Regulations (GN 30 in GG 4878 of 6 February 2012) to create an access road and for fuel storage and handling facilities on Erf 1876, Luderitz, Benguela Extension 3, Ikaras Region.

**Name of proponent:** Bachmus Oil & Fuel Supplies (Pty) Ltd  
**Project location and description:** Erf 1876, Luderitz, Benguela Extension 3, Ikaras Region is located north of the B4 Tank Road leading into the Town of Luderitz and is zoned "general industrial". The Erf is 6550m<sup>2</sup> in extent. It is accessed from a cul-de-sac located east of the Erf. The erf is currently vacant and undeveloped. The erf will be used for wholesale fuel storage and handling, warehousing, customer own collection points and sales. There will be 2 X 750 000 liter vertical and 4 X 83 000 litre horizontal above ground storage tanks with supporting infrastructure including dispensing points, parking areas for vehicles, offices, storage areas for batteries and lubricants, a truck shop, offices, and ablution facilities. The storage and handling of dangerous goods will include diesel, oil, truck batteries and lubricants. The proponent also intends to create an additional access road over Erf 2050 along the southern boundaries of Erven 1871, 1872, 1873, 1874, and 1875 to improve the circulation of vehicles to and from the site. Interested and affected parties are hereby invited to register in terms of the assessment process to give input, comments, and opinions regarding the proposed project. A public meeting will be held if enough public interest is shown. Registered I & APs will be notified of the date and venue of the public meeting. The last date for comments and/or registration is 17 November 2023.

**Contact details for registration and further information:**  
Green Earth Environmental Consultants  
Contact Persons: Charlie Du Toit/Carlien van der Wal  
Tel: 0811273345  
E-mail: [carlien@greenerthnamibia.com](mailto:carlien@greenerthnamibia.com)

### Excels Dynamic Solutions (Pty) Ltd

**NOTICE OF ENVIRONMENTAL SCOPING ASSESSMENT (ESA) FOR THE PROPOSED ESTABLISHMENT & OPERATIONAL OF TWO NEW (PHASES A & B) CEMETERIES & A STREET IN REHOBOTH, HARDAP REGION**

Under the Environmental Management Act (No. 7 of 2007) and the 2012 Environmental Management Assessment (EIA) Regulations, the public is hereby notified that an application for I & APs Clearance Certificate (ECC) will be submitted to the Environmental Commissioner. The proposed project is a listed activity that cannot be undertaken without an ECC from the Department of Environmental Affairs and Forestry (DEAF).

**Project Type & Location:** The proposed establishment & operation of two new (phases A & B) cemeteries and Street, The 26 574 hectares (ha) Cemeteries will be located east of Rehoboth town, in Farm Rehoboth Town and Townlands No. 302, Rehoboth, Hardap Region.

**Proponent:** Rehoboth Town Council Enquiries should be directed to: Excel Dynamic Solutions (Pty) Ltd. Members of the public are hereby invited to register as an interested and affected party (I&AP) to comment or raise their concern or request for the Background Information Document (BID) and further information on the Environmental Assessment process.

The public consultation meeting date will be communicated with the registered I&APs. Registration request should be forwarded to Mr. Mandumbe Leonard, [leonard@edsnamibia.com](mailto:leonard@edsnamibia.com) / Tel: +264 (0) 61 259 530, before or on 31 October 2023.

### KRISTINE COURT OSHAKATI

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**N\$3500 Edge CERTIFIED BUILDING**

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# CLASSIFIEDS

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Fax: (061) 220 584

Email: classifieds@nepc.com.na

## Employment

### China Travel Agency (CTA)

#### New Media Marketing Manager

- Degree holder in marketing, business or relevant majors, Minimum 3 year experience in Chinese digital marketing experience
- Transition experience: Good understanding of Chinese tourism market and luxury lifestyle sectors.
- Preferably with experience working with Chinese social media influencers
- Excellent communication, presentation and organizational skills.
- Attention to detail and strong multitasking and time management skills.
- Ability to thrive in a fast-paced environment.
- Fluent speaking and written Chinese (Mandarin) and English.

**Responsibilities:**

- To assist with setting-up and managing CTA social media accounts such as WeChat, Instagram and Facebook to generate good content and attract Chinese views.
- Write content taking pictures and editing videos for CTA website marketing materials and social media channels - from coming up with the relevant story angles to writing the whole articles about Namibia tourism industry.
- Conduct market research and media audit in order to expose and attract more Asian tourists to Namibia.

Email: cta1892@gmail.com  
Due date: 06 November 2023

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## Employment

### Cospharm

OPEN VACANCY

POSITION: REGULATORY AFFAIRS PHARMACIST

A suitable candidate should meet the following requirements:

- Must be a Pharmacist
- Holder of a Bachelor of Pharmacy (Hons) Degree
- Having minimum of 6 years of Regulatory experience of Namibia, Botswana, Zimbabwe, Zambia, and South Africa
- Must be familiar with computerized software for eCTD dossier preparation
- Should be able to conduct a GMP of Manufacturing Plants

Closing date: 08th November 2023

Please email your CV and qualifications to reception@cospharm.org, call for inquiring at 083-331-2880.

## Notice

### Green Earth Environmental Consultants

**CALL FOR PUBLIC PARTICIPATION/COMMENTS ENVIRONMENTAL IMPACT ASSESSMENT AND ENVIRONMENTAL MANAGEMENT PLAN TO OBTAIN AN ENVIRONMENTAL CLEARANCE FOR THE CREATION OF A ROAD AND FUEL STORAGE AND HANDLING FACILITIES ON ER7 1876, LUDERTZ, IKARAS REGION**

Green Earth Environmental Consultants have been appointed to attend to and complete an Environmental Impact Assessment and Environmental Management Plan (EIMP) to obtain an Environmental Clearance Certificate as per the requirements of the Environmental Management Act (No. 107 of 2007) and the Environmental Assessment Regulations (GN 30 of 2007) for the following:

**PROJECT DETAILS:**

- Subdivision of Er7 1006, Oranjemund Extension 3, into Erven A, B and Remainder;
- and basing of the newly created Er7 1006, Oranjemund Extension 3 from "Institutions" to "Street".

The proponent intends to Subdivide Er7 1006, Oranjemund Extension 3 into Erven A, B and Remainder. Er7 B will be rezoned from "Institutions" to "Street". The proposed subdivision uses currently existing on Er7 1006 and grant the current occupants of the proposed Erven A, B and Remainder ownership under feehold titles, registered under separate title deeds.

**Name of proponent:** Oranjemund Town Council  
**Environmental Assessment Practitioner (EAP):** Stubben such Partners (Pty) Ltd  
**REGISTRATION OF I&APs AND SUBMISSION OF COMMENTS:** All I&APs are hereby invited to register and submit their comments, concerns or questions in writing via Email: benjamin@nepc.com.na; Tel: 061 25 11 89 on or before 22 November 2023.

## Notice

### Green Earth Environmental Consultants

**CALL FOR PUBLIC PARTICIPATION/COMMENTS ENVIRONMENTAL IMPACT ASSESSMENT AND ENVIRONMENTAL MANAGEMENT PLAN TO OBTAIN AN ENVIRONMENTAL CLEARANCE FOR THE REZONING OF PORTION 5 OF FARM OSUNA COMMONGE NO. 65, OKAVANGO, OTJONDJARA REGION**

Green Earth Environmental Consultants have been appointed to attend to and complete an Environmental Impact Assessment and Environmental Management Plan (EIMP) to obtain an Environmental Clearance Certificate as per the requirements of the Environmental Management Act (No. 107 of 2007) and the Environmental Assessment Regulations (GN 30 of 2007) for the following:

**PROJECT DETAILS:**

- Subdivision of Portion 5 of Farm Osuna Commonge No. 65, Okavango, Otjondjara Region from Agriculture to General Business.

**Name of proponent:** Copper Sand Investment (Pty) Ltd  
**Project location and description:** Portion 5 of Farm Osuna Commonge No. 65, Okavango, Otjondjara Region. The Portion is located directly southwards of the intersection of the newly completed Main Road B1 and Doring Road D112, approximately 6 km southwards of Okavango. It is the intention of the proponent to rezone "general business". The proponent intends to construct a shop / store for Coswa Billing and to construct a tourist accommodation facility (diner and breakfast / self catering) on the site. Most related products will only be sold on site and not be manufactured. It is estimated that 30 people will be employed on the operations of the business.

Interested and affected parties are hereby invited to register in terms of the assessment process to give input, comments, and opinions regarding the proposed project. A public meeting will be held if enough public interest is shown. Registered I & APs will be notified of the date and venue of the public meeting.

The last date for comments and/or registration is 30 November 2023. Contact details for registration and further information: Green Earth Environmental Consultants  
Contact Persons: Charlie Du Toit/Carlen van der Walt  
Tel: 0812373145  
Email: carlen@greenearthnamibia.com

## Notice

### Green Earth Environmental Consultants

**REZONING OF ER7 45, NO 146 OLOF PALME STREET, EROSPARK FROM RESIDENTIAL WITH A DENSITY OF 1 PER 900M<sup>2</sup> TO HOSPITALITY (FOR A GUEST HOUSE - 8 ROOMS)**

DU TOIT TOWN PLANNING CONSULTANTS, on behalf of the owner of the erf, in terms of the stipulations of the Urban and Regional Planning Act, 2018 (Act No. 5 of 2018), intends to apply to the Windhoek City Council and the Urban and Regional Planning Board for:

- Rezoning of Erf 45, No. 146, Olof Palme Street, Erspark from Residential with a density of 1:900m<sup>2</sup> to Hospitality for an accommodation establishment (Guest House - 8 rooms).
- Consent to use Erf 45, Erspark in accordance with the proposed zoning while the rezoning is in process since there is a valid resident occupation.

Erf 45, Erspark is in Olof Palme Street, No. 146, in the northeastern area of Erspark and near the Mediclinic Hospital and other medical facilities located along Helldorf on Ersp Road. The erf is 1534m<sup>2</sup> in extent and is zoned Residential with a density of 1:900m<sup>2</sup>. A guesthouse, trading as House on Olof Palme, with 8 leaseable rooms is operating from the site. The guesthouse is operating under a Resident occupation approval issued in 2021. The rezoning is necessary to enable the owner to continue operating the guesthouse formally on the specific designated zoning of the City of Windhoek.

All parking is provided on site in accordance with the requirements of the City of Windhoek. The locality plan of the erf lies for inspection on the Town Planning Notice Board in the Customer Care Centre, Municipal Offices, Rev. Michael Scott Street, Windhoek and at the offices of Du Toit Town Planning, 4 Dr. Kwame Nuruamah Avenue, Klein Windhoek. Any person objecting to the proposed use of land as set out above may lodge such objection together with the grounds thereof with the City Council (the Urban Planner Town House, Fifth Floor, Room 516) and the applicant within 14 days of the last publication of this notice (final date for objections is 22 November 2023). Should you require additional information you are welcome to contact our office.

**Applicant:** DU TOIT TOWN PLANNING CONSULTANTS  
P O Box 6871  
AUSSPANPLATZ WINDHOEK  
Tel: 061-248010  
Email: planner1@duoitplan.com

## Notice

### Green Earth Environmental Consultants

**REZONING OF ER7 631, No. 8 KOCH STREET, KLEIN WINDHOEK FROM RESIDENTIAL WITH A DENSITY OF 1 DWELLING PER 900M<sup>2</sup> TO OFFICE WITH A BULK OF 0.4**

DU TOIT TOWN PLANNING CONSULTANTS, are applying on behalf of the owners of Erf 631, Klein Windhoek, in terms of the stipulations of the Urban and Regional Planning Act, 2018 (Act No. 5 of 2018), to apply to the Windhoek City Council and the Urban and Regional Planning Board for:

- Rezoning of Erf 631, Klein Windhoek from residential with a density of 1:900 to office with a bulk of 0.4
- Consent in terms of Table B of the Windhoek Zoning Scheme to use thereof for a business building for medical consulting rooms and a salon.
- Consent in terms of Section 23(1) of the Windhoek Zoning Scheme to allow for additional floor area in terms of Council's Policy regarding the use of residential use.
- Consent to use the erf for office purposes while the rezoning is in process since the erf is located within an approved policy area.
- Erf 631 is located in Koch Street, Klein Windhoek, on the edge of the Klein Windhoek business hub, recently included in the extended Klein Windhoek Office and High-Density Policy Area. The erf is zoned Residential with a density of 1 dwelling per 900m<sup>2</sup> and is 1720m<sup>2</sup> in extent. The buildings have been converted into some small scale 'offices' to optimize the use over the years. To enable the owners to offer rental space for complementary uses such as salons and medical consulting rooms, consent is also included for a business building. The request for consent for office building in terms of Section 23(1) of the Windhoek Zoning Scheme and a medical consulting room on the Consolidated Erf X (1153m<sup>2</sup>). The rezoning of the erf will allow for the proposed business building that would accommodate a primary health care practice with a pharmacy of 100m<sup>2</sup> dispensing exclusively to the primary health care patients. Parking will be sufficiently provided for in accordance with the regulations of Council's parking guide depending on the eventual design of the new building.

Take notice that the locality plan of the erf lies for inspection on the Town Planning Notice Board in the Customer Care Centre, Municipal Offices, Rev. Michael Scott Street, Windhoek and at the offices of Du Toit Town Planning, 4 Dr. Kwame Nuruamah Avenue, Klein Windhoek. Any person objecting to the proposed use of land as set out above may lodge such objection together with the grounds thereof with the City Council (the Urban Planner Town House, Fifth Floor, Room 516) and the applicant within 14 days of the last publication of this notice (final date for objections is 22 November 2023).

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P O Box 6871  
AUSSPANPLATZ WINDHOEK  
Tel: 061-248010  
Email: planner1@duoitplan.com

## Notice

### Green Earth Environmental Consultants

**REZONING OF ER7 7340, (a portion of Erf 7044) No. 49 RHINO STREET, WINDHOEK (EXTENSION NO. 2) FROM RESIDENTIAL WITH A DENSITY OF 1 DWELLING PER 250M<sup>2</sup> TO OFFICE WITH A BULK OF 0.4**

DU TOIT TOWN PLANNING CONSULTANTS, on behalf of the owners in terms of the stipulations of the Urban and Regional Planning Act, 2018 (Act No. 5 of 2018) and Windhoek Town Planning Scheme, intends to apply to the Windhoek City Council and the Urban and Regional Planning Board for:

- Rezoning of Erf 7340, (a portion of Erf 7044), No. 77 Rhino Street, Windhoek from residential with a density of 1 dwelling per 250m<sup>2</sup> to office with a bulk of 0.4.
- Consent in terms of Table B of the Windhoek Town Planning Scheme to use the erf for a 'business building' for medical consulting rooms and a small pharmacy of 100m<sup>2</sup>.
- Consent to use the erf for office and medical consulting purposes while the rezoning is formally being completed since the erf is located in a newly approved policy area.
- Consolidation of Erven 7340 and 7339, Windhoek into Erf X, Erf 7340 (a portion of Erf 7044), No. 49 Rhino Street, Windhoek is 703m<sup>2</sup> in extent and is zoned residential with a density of 1 dwelling per 250m<sup>2</sup>. The dwelling on the erf will be demolished for a new building to accommodate a medical consulting rooms on the Consolidated Erf X (1153m<sup>2</sup>). The rezoning of the erf will allow for the proposed business building that would accommodate a primary health care practice with a pharmacy of 100m<sup>2</sup> dispensing exclusively to the primary health care patients. Parking will be sufficiently provided for in accordance with the regulations of Council's parking guide depending on the eventual design of the new building.

Take notice that the locality plan of the erf lies for inspection on the Customer Care Centre, Municipal Offices, Rev. Michael Scott Street, Windhoek. Any person objecting to the proposed use of land as set out above may lodge such objection together with the grounds thereof with the City Council of Windhoek and the applicant within 14 days of the last publication of this notice (final date for objections is 22 November 2023).

**Applicant:** DU TOIT TOWN PLANNING CONSULTANTS  
P O Box 6871  
AUSSPANPLATZ WINDHOEK  
Tel: 061-248010  
Email: planner1@duoitplan.com

## Notice

### Green Earth Environmental Consultants

**NOTICE OF INTENTION IN TERMS OF THE URBAN AND REGIONAL PLANNING ACT OF 2018 (ACT 5 OF 2018): REZONING OF ER7 2953, MONDESA, EXTENSION NO. 6, SWAKOPMUND, FROM SINGLE RESIDENTIAL WITH A DENSITY OF 1:300M<sup>2</sup> TO PARASITAL**

Please take note that Van Der Westhuizen Town Planning and Properties CC, on behalf of our client, intends to apply to the Swakopmund Municipal Council for the Rezoning of Erf 2953, Mondesa, Extension No. 6, Swakopmund, from Single Residential with a density of 1:300m<sup>2</sup> to Parasitral. The property in question is situated on the corner of Waterberg Street and Ondrus Street in Mondesa Extension No. 6. The property is currently zoned for the purpose of Erongo Red Substation. It is the intention to rezone the property and transfer the property to Erongo Red Electrical Distributors. It is thus required and necessary to formally apply to the Local Authority and the Ministry of Urban and Rural Development for the proposed rezoning of the property.

**Please further take note that -**

- (a) The plan of the erf can be inspected at the Public Notice Board of the Swakopmund Municipality located on the Corner of Rakotoka Street & Daniel Kamho Avenue (b) any person having objections to the proposed rezoning or who wants to comment thereon, may lodge such objections and comments together with the grounds thereof, in writing to the Municipality and the applicant within 14 days of the last publication of this notice - the written objection must be submitted by no later than 17:00 on 22 November 2023.
- (c) The written objection must be accompanied by the prescribed form as required by the Urban and Regional Planning Act of 2018. Such written objection or comment must therefore be submitted by no later than 17:00 on 22 November 2023.

**Applicant:** Van Der Westhuizen Town Planning & Properties cc  
Contact Persons: A van der Westhuizen  
Tel: 0812246631  
Email: andrew@vdtwp.com  
P.O. Box: 1598, Swakopmund, Namibia

## Notice

### Green Earth Environmental Consultants

**CALL FOR PUBLIC PARTICIPATION/COMMENTS ENVIRONMENTAL IMPACT ASSESSMENT AND ENVIRONMENTAL MANAGEMENT PLAN TO OBTAIN AN ENVIRONMENTAL CLEARANCE FOR THE REZONING OF PORTION 5 OF FARM OSUNA COMMONGE NO. 65, OKAVANGO, OTJONDJARA REGION**

Green Earth Environmental Consultants have been appointed to attend to and complete an Environmental Impact Assessment and Environmental Management Plan (EIMP) to obtain an Environmental Clearance Certificate as per the requirements of the Environmental Management Act (No. 107 of 2007) and the Environmental Assessment Regulations (GN 30 of 2007) for the following:

**PROJECT DETAILS:**

- Subdivision of Portion 5 of Farm Osuna Commonge No. 65, Okavango, Otjondjara Region from Agriculture to General Business.

**Name of proponent:** Copper Sand Investment (Pty) Ltd  
**Project location and description:** Portion 5 of Farm Osuna Commonge No. 65, Okavango, Otjondjara Region. The Portion is located directly southwards of the intersection of the newly completed Main Road B1 and Doring Road D112, approximately 6 km southwards of Okavango. It is the intention of the proponent to rezone "general business". The proponent intends to construct a shop / store for Coswa Billing and to construct a tourist accommodation facility (diner and breakfast / self catering) on the site. Most related products will only be sold on site and not be manufactured. It is estimated that 30 people will be employed on the operations of the business.

Interested and affected parties are hereby invited to register in terms of the assessment process to give input, comments, and opinions regarding the proposed project. A public meeting will be held if enough public interest is shown. Registered I & APs will be notified of the date and venue of the public meeting.

The last date for comments and/or registration is 30 November 2023. Contact details for registration and further information: Green Earth Environmental Consultants  
Contact Persons: Charlie Du Toit/Carlen van der Walt  
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All parking is provided on site in accordance with the requirements of the City of Windhoek. The locality plan of the erf lies for inspection on the Town Planning Notice Board in the Customer Care Centre, Municipal Offices, Rev. Michael Scott Street, Windhoek and at the offices of Du Toit Town Planning, 4 Dr. Kwame Nuruamah Avenue, Klein Windhoek. Any person objecting to the proposed use of land as set out above may lodge such objection together with the grounds thereof with the City Council (the Urban Planner Town House, Fifth Floor, Room 516) and the applicant within 14 days of the last publication of this notice (final date for objections is 22 November 2023). Should you require additional information you are welcome to contact our office.

**Applicant:** DU TOIT TOWN PLANNING CONSULTANTS  
P O Box 6871  
AUSSPANPLATZ WINDHOEK  
Tel: 061-248010  
Email: planner1@duoitplan.com

## Notice

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- Consent in terms of Section 23(1) of the Windhoek Zoning Scheme to allow for additional floor area in terms of Council's Policy regarding the use of residential use.
- Consent to use the erf for office purposes while the rezoning is in process since the erf is located within an approved policy area.
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Take notice that the locality plan of the erf lies for inspection on the Customer Care Centre, Municipal Offices, Rev. Michael Scott Street, Windhoek. Any person objecting to the proposed use of land as set out above may lodge such objection together with the grounds thereof with the City Council of Windhoek and the applicant within 14 days of the last publication of this notice (final date for objections is 22 November 2023).

**Applicant:** DU TOIT TOWN PLANNING CONSULTANTS  
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Please take note that Van Der Westhuizen Town Planning and Properties CC, on behalf of our client, intends to apply to the Swakopmund Municipal Council for the Rezoning of Erf 2953, Mondesa, Extension No. 6, Swakopmund, from Single Residential with a density of 1:300m<sup>2</sup> to Parasitral. The property in question is situated on the corner of Waterberg Street and Ondrus Street in Mondesa Extension No. 6. The property is currently zoned for the purpose of Erongo Red Substation. It is the intention to rezone the property and transfer the property to Erongo Red Electrical Distributors. It is thus required and necessary to formally apply to the Local Authority and the Ministry of Urban and Rural Development for the proposed rezoning of the property.

**Please further take note that -**

- (a) The plan of the erf can be inspected at the Public Notice Board of the Swakopmund Municipality located on the Corner of Rakotoka Street & Daniel Kamho Avenue. (b) any person having objections to the proposed rezoning or who wants to comment thereon, may lodge such objections and comments together with the grounds thereof, in writing to the Municipality and the applicant within 14 days of the last publication of this notice - the written objection must be submitted by no later than 17:00 on 22 November 2023.
- (c) The written objection must be accompanied by the prescribed form as required by the Urban and Regional Planning Act of 2018. Such written objection or comment must therefore be submitted by no later than 17:00 on 22 November 2023.

**Applicant:** Van Der Westhuizen Town Planning & Properties cc  
Contact Persons: A van der Westhuizen  
Tel: 0812246631  
Email: andrew@vdtwp.com  
P.O. Box: 1598, Swakopmund, Namibia

## FOR SALE

Motorcycle for sale (As is) slight accident damaged on gear/clutch lever, speedometer cover, head light, cracked front fender and left foot peg (rider) denied. Make: SYM  
Series name: BLAZE 200  
Current odometer: 24233  
Make an offer also: andrew@vdtwp.com.na  
Contact number: Cell: 0812953433  
The motorcycle is in Kawango East region.

## FOR SALE

Motorcycle for sale (As is) slight accident damaged on gear/clutch lever, speedometer cover, head light, cracked front fender and left foot peg (rider) denied. Make: SYM  
Series name: BLAZE 200  
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Make an offer also: andrew@vdtwp.com.na  
Contact number: Cell: 0812953433  
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## FOR SALE

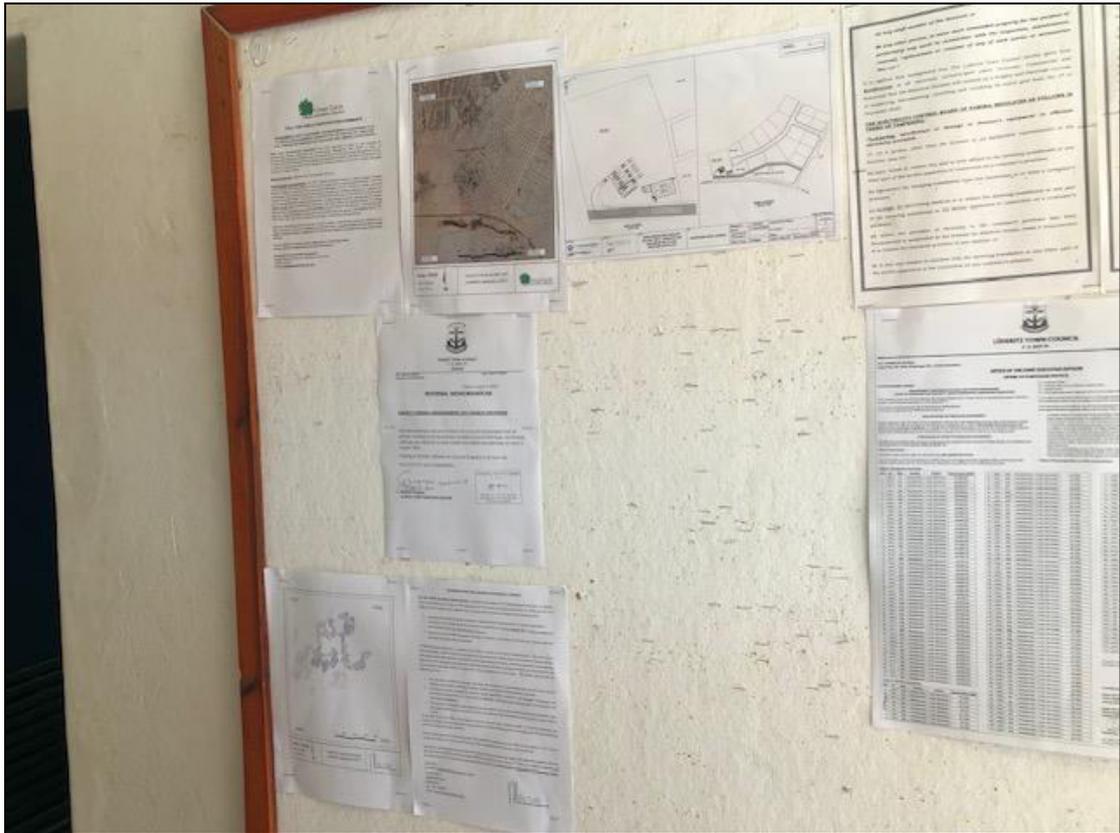
Motorcycle for sale (As is) slight accident damaged on gear/clutch lever, speedometer cover, head light, cracked front fender and left foot peg (rider) denied. Make: SYM  
Series name: BLAZE 200  
Current odometer: 24233  
Make an offer also: andrew@vdtwp.com.na  
Contact number: Cell: 0812953433  
The motorcycle is in Kawango East region.

## Advertise HERE!

Make an offer also: andrew@vdtwp.com.na  
Contact number: Cell: 0812953433  
The motorcycle is in Kawango East region.



# APPENDIX B: NOTICE AT MUNICIPALITY



**APPENDIX C: NOTICE ON SITE**



## APPENDIX D: COMMENTS RECEIVED FROM I&APS

Comments
<p>From: lipinge Ndelimona &lt;<a href="mailto:ndeliimonachox@gmail.com">ndeliimonachox@gmail.com</a>&gt; Sent: Wednesday, 1 November 2023 9:20 am To: <a href="mailto:carien@greenearthnamibia.com">carien@greenearthnamibia.com</a> Subject: Environmental Impact Assessment and Environmental Management Plan to obtain an Environmental clearance for the creation of a road and fuel storage and handling facilities on Erf 1876, Lüderitz, //Karas Region</p> <p>Dear Green Earth Consultants</p> <p>I hereby request to be registered as an I&amp;AP for the EIA: -Environmental Impact Assessment and Environmental Management Plan to obtain an Environmental clearance for the creation of a road and fuel storage and handling facilities on Erf 1876, Lüderitz, //Karas Region, as issued in your public notice in the New Era newspaper on the 26th of October 2023. Kindly forward me the Background Information Documents (BID) and the site coordinates if not stated in the BID.</p> <p>Regards</p> <p>-- Ndelimona lipinge EIA Tracking and Monitoring in Namibia (EIA Tracker) Namibian Environment and Wildlife Society 0814138822</p> <p>The EIA Tracker Project keeps track and maps all EIAs countrywide with the aim of enhancing public access to EIA information and promoting transparency within the EIA sector. The information collected is only used for the public to access and the EIA Tracker has no intention and will not use these for financial or any other benefits.</p> <p>Cell: +264814138822 <a href="https://eia-tracker.org.na">https://eia-tracker.org.na</a> <a href="#">Like us on Facebook</a></p>
<p>Dear Ndelimona</p> <p>I will register you and send you the BID when finalised.</p> <p>Regards</p> <p>Carien</p> <div data-bbox="263 1646 782 1825"><p><b>Green Earth</b> ENVIRONMENTAL CONSULTANTS</p></div> <hr/> <p>1<sup>st</sup> floor Bridgeview Offices &amp; Apartments, No. 4 Dr Kwame Nkrumah Avenue, Klein Windhoek, Namibia PO Box 6871, Ausspannplatz, Windhoek Phone: +264 61 248010 Fax: +264 61 248608, Email: <a href="mailto:carien@greenearthnamibia.com">carien@greenearthnamibia.com</a> <i>Carien van der Walt</i></p>

From: lipinge Ndelimona <[ndeliimonachox@gmail.com](mailto:ndeliimonachox@gmail.com)>

Sent: Friday, 3 November 2023 11:12 am

To: [carien@greenearthnamibia.com](mailto:carien@greenearthnamibia.com)

Cc: [charlie@greenearthnamibia.com](mailto:charlie@greenearthnamibia.com)

Subject: Re: Environmental Impact Assessment and Environmental Management Plan to obtain an Environmental clearance for the creation of a road and fuel storage and handling facilities on Erf 1876, Lüderitz, //Karas Region

Noted with thanks

Dear Ndelimona

Please see attached the Background Information Document.

Regards

Carien



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PO Box 6871, Ausspannplatz, Windhoek

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Fax: +264 61 248608, Email: [carien@greenearthnamibia.com](mailto:carien@greenearthnamibia.com)

*Carien van der Walt*

## APPENDIX E: CURRICULUM VITAE OF CHARLIE DU TOIT

1. **Position:** Environmental Practitioner
2. **Name/Surname:** Charl du Toit
3. **Date of Birth:** 29 October 1960
4. **Nationality:** Namibian
  
5. **Education:**

Name of Institution	University of Stellenbosch, South Africa		
Degree/Qualification	Hons B (B + A) in Business Administration and Management		
Date Obtained	1985-1987		
Name of Institution	University of Stellenbosch, South Africa		
Degree/Qualification	BSc Agric Hons (Chemistry, Agronomy and Soil Science)		
Date Obtained	1979-1982		
Name of Institution	Boland Agricultural High School, Paarl, South Africa		
Degree/Qualification	Grade 12		
Date Obtained	1974-1978		
  
6. **Membership of Professional Association:** EAPAN Member (Membership Number: 112)
  
7. **Languages:**

	<u>Speaking</u>	<u>Reading</u>	<u>Writing</u>
English	Good	Good	Good
Afrikaans	Good	Good	Good
  
8. **Employment Record:**

<u>From</u>	<u>To</u>	<u>Employer</u>	<u>Position(s) held</u>
2009	Present	Green Earth Environmental Consultants	Environmental Practitioner
2005	2008	Elmarie Du Toit Town Planning Consultants	Manager
2003	2005	Pupkewitz Megabuild	General Manager
1995	2003	Agra Cooperative Limited Namibia	Manager Trade
1989	1995	Development Corporation Ministry of Agriculture	Chief Agricultural Consultant
1985	1988	Agriculture	Researcher

**Certification:**

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



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**Charl du Toit**

## APPENDIX F: CURRICULUM VITAE OF CARIEN VAN DER WALT

1. **Position:** Environmental Consultant
2. **Name/Surname:** Carien van der Walt
3. **Date of Birth:** 6 August 1990
4. **Nationality:** Namibian

5. **Education:**

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

6. **Membership of Professional Associations:**

EAPAN Member (Membership Number: 113)

7. **Languages:**

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

8. **Employment Record:**

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

9. **Detailed Tasks Assigned:**

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

**Certification:**

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

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Carien van der Walt

## APPENDIX G: ENVIRONMENTAL MANAGEMENT PLAN