



Comprehensive Environmental Management Plan (EMP) for the Existing Gravel Mining Borrow Pits in Otjiwarongo Extension 10, Otjozondjupa Region



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LIST OF ABBREVIATIONS

Abbreviation	Meaning
DEAF	Department of Environmental Affairs and Forestry
DWA	Department of Water Affairs
EAP	Environmental Assessment Practitioner
ECC	Environmental Clearance Certificate
EDS	Excel Dynamic Solutions
EIA	Environmental Impact Assessment
EHO	Environmental Health Officer
EMA	Environmental Management Act
EMP	Environmental Management Plan
HDPE	High Density Polyethylene i
MEFT	Ministry of Environment, Forestry and Tourism
PPE	Personal Protective Equipment
SHE Officer	Safety, Health & Environmental Officer
WHO	World Health Organization

1 INTRODUCTION

1.1 Project Background and Locality

The Municipality of Otjiwarongo (hereinafter referred to as the Municipal Council or The Proponent) has borrow pits within its boundaries from which gravel is currently mined by the municipality, residents and possibly neighboring communities. The borrow pits are located on the southeastern side of the Otjiwarongo Extension 9 and north of the Municipality solid waste dumping site and cover an area of 7 hectares (ha).

The gravel is being mined illegally as the activity is not environmentally controlled or managed. The Municipal Council would like to gain control of the resource by first acquiring an ECC so that they can start regulating the mining from the borrow pits. The locality of the site (borrow pits) is on the map in Figure 1-1 and Figure 1-2.

Following the Free Training of Environmental Health Officers (EHO) and representatives by Excel Dynamic Solutions (Pty) Ltd (EDS) from 12 local authorities in November 2021, EDS had requested the Municipal Council to share with EDS some of their existing facilities or planned projects that are listed activities in the Environmental Management Act (EMA) No. 7 of 2007 and its 2012 EIA Regulations requiring Environmental Clearance Certificates (ECCs). EDS then offered to assist the Municipality of Otjiwarongo with one project of their choice to obtain an ECC at no cost to the Local Authority. Therefore, to ensure compliance with the environmental legal requirements, the Municipal Council has chosen the assessment and management plan of the gravel mining from their borrow pits. The letter of consent provided to EDS by the Municipality is attached hereto as Appendix A.

1.2 The Need for Gravel Mining in the Town

Illegal and unsupervised gravel mining from the borrow pits in Otjiwarongo has become a concerning issue to the municipality and it is important that mining of gravel has to be monitored and controlled. Fencing off the borrow pits is proposed to address the need for gravel mining control.

One of the largest markets for gravel is in construction. The reason for this is that every new development requires gravel in its foundation, and because they are relatively inexpensive (compared to other heavy materials) this makes them ideal for construction (Swanson, 1945).

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- <u>Construction mortar:</u> Mortar mix is a critically important building component that must be combined thoroughly. Mortar is the bonding material between bricks, concrete block, gravel, stone, and many other masonry materials (Rodriguez, 2022).
- <u>Land filling</u>: Ground leveling for construction is the base of any sort of construction.
 Leveling the ground to the desired elevation requires filling using gravel. These include house, roads and any other buildings.
- <u>Production of other construction material</u>: Gravel is also used to produce other building materials such building bricks, pillars, reinforce concrete, pavements etc.



Figure 1-1: Locality map of the gravel borrow pits in Otjiwarongo (source: Municipality of Otjiwarongo)



Figure 1-2: The surface areas of the borrow pits and surrounding services in Otjiwarongo (source: Municipality of Otjiwarongo)

1.3 The Need for Environmental Clearance Certificate (ECC)

The Environmental Management Act (Act No. 7 of 2007) (EMA) and its 2012 EIA Regulations lists activities that need an Environmental Clearance Certificate (ECC). Mining related activities are one of the listed activities that requires an EIA study and or for existing facilities, an Environmental Management Plan (EMP) should be developed. The relevant listed activities to the Town's borrow pits are as follows

"3. MINING AND QUARRYING ACTIVITIES

- Listed Activity 3.1 The construction of facilities for any process or activities which requires a license, right or other form of authorization, and the renewal of a license, right or other form of authorization, in terms of the Minerals (Prospecting and Mining Act), 1992,
- Listed Activity 3.2 Other forms of mining extraction of any natural resources whether regulated by law or not, and
- Listed Activity 3.3 Resource extraction, manipulation, conservation and related activities."

The borrow pits are currently not environmentally cleared as this could be explained by their establishment before the promulgation of the EMA and had not been cleared to date.

Subsequently, to ensure environmental management compliance of the gravel mining activities in the Town, the Environmental Commissioner requires an Environmental Management Plan (EMP) developed in an application for the ECC. The application for an ECC and the EMP will be submitted by the Commissioner at the Department of Environmental Affairs and Forestry (DEAF), Ministry of Environment, Forestry and Tourism (MEFT) for evaluation and consideration of the ECC.

1.4 The Need for Environmental Management & Closure Plan

Regulation 8(j) of the EIA Regulations (2012) requires that a draft Environmental Management Plan (EMP) shall be included as part of the Environmental Assessment (EA) scoping report (please note that since the site is already in operation, only the EMP is required). A 'Management Plan' is defined as:

"...a plan that describes how activities that may have significant environments effects on the environment are to be mitigated, controlled and monitored." It is important to note that an EMP is a statutory document and a person who contravenes the provisions of this EMP may face imprisonment and/or a fine. This EMP is a living document and can be amended to adapt to address project changes and/or environmental conditions and feedback from compliance monitoring.

The purpose of this document is, therefore, to guide environmental management throughout the planning & design of the site upgrading, operational (and maintenance) of the site, and closure phases:

- Planning phase This is the stage during which the Proponent prepare all the administrative and technical requirements needed for site upgrading. This planning will include the procurement of services such site upgrading contractor.
- **Site upgrading phase** This is the phase where during which the borrow pit site is revamped through appointed contractor(s). This will entail the earthworks for the erection of the site structures and installation of necessary services, infrastructures, etc., as well as upgrading of the site fencing.
- Continued and regulated site Operations and Maintenance: the Proponent will continue to operate borrow pits in a controlled manner, and maintain the site throughout the operational phase.
- Closure (Decommissioning) This is the stage at which the Proponent will cease the mining of gravel from the site due to depletion of the mining area or poor gravel quality.

This EMP has been prepared for the management of potential impacts associated with the revamping of the site, its continued but regulated operations and maintenance. The Municipal Council will be required to operate the site in accordance with the management measures provided in the EMP and adhere to the ECC conditions set by the Environmental Commissioner.

To ensure that the potential impacts stemming from the operation of the borrow pits are understood and mitigation measures are provided accordingly, a project description or a description of activities needs to be known.

The description of the project activities is briefly provided under the next heading (Chapter 2).

2 THE DESCRIPTION OF PROJECT ACTIVITIES

This EMP was developed based on the site visit and assessment, consulted literature, information provided by the Proponent. The site visit was conducted on the 07th of July 2022. The activities currently undertaken onsite are presented under the following sections.

There are currently 3 borrow pits at the project site, located about 3km northeast of Otjiwarongo Town and south of the Cheetah Cement Factory and Otjiwarongo-Otavi Roadblock. Only one out of the three borrow pits is currently active. The site is used to by community members and unauthorized construction companies to illegally extract gravel as well as a dumping site for solid waste (building rubbles, domestic waste and garden refuses).

The description of the inactive borrow pits are as follows:

- Old inactive borrow pit 2 is located at 20°26'26.9"S 16°40'50.2"E Figure 2-1 (A). The pit is not used for mining, and it is currently filled with building rubbles in some of its areas and overgrown with thick long grass and sparsely distributed shrubs.
- Old inactive borrow pit 3: (20°26'34.5"S 16°40'57.9"E) Figure 2-1 (B) is also not used for mining, and it is covered by vegetation (thick long grass and shrubs) as well as shrubs growing on the waste soils heaps on the upper edges of the pit.



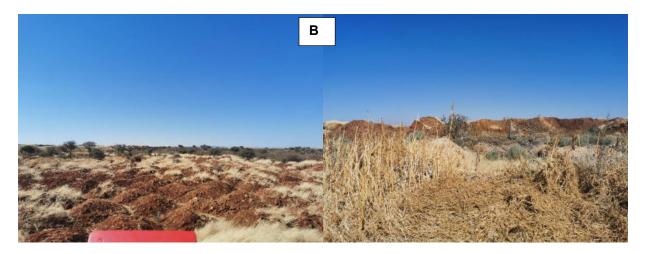


Figure 2-1: The status of two inactive borrow pits onsite

2.1 Site Revamping and Upgrading

During this phase, there will be some earthworks to prepare the site for upgrade and installation necessary services infrastructure and structures required for the regulated gravel mining operation.

The upgrading works for the borrow pits will be outsourced to an appointed contractor through the Municipality's Procurement Procedures. With this said, the Municipality cannot predict the exact number of people to be employed by the contractor during this phase, as the contractor is likely to provide its own workforce. However, it is strongly advised that employment preference for unskilled (and skilled, if available) works should be given to Otjiwarongo residents, should the appointed site upgrading contractor not be from Otjiwarongo already.

The following will be done in preparation of the borrow pits' regulated operational phase:

- Fencing off the borrow pit.
- Security room.
- Installation of borrow pits entrance and exit point.
- Installation of public utilities (water and electricity)
- Demarcation of pits to ensure sustainable gravel mining

2.2 Operational and Maintenance Phase

The site is currently mined by the contractors who are constructing the NHE houses in Otjiwarongo (mining with the permission of the Municipality) and illegal mining by some residents

and probably out-of-town miners. The unauthorized miners allegedly extract the gravel from site during the night when no one can see them. This has become a concern to the Municipality because they do not have control of who extract what volume and the frequency.

The excavated depth of mining is 5m (as measured by the Consultants onsite). The mined layers include the dark brown topsoil (with grass cover / vegetation) followed by the gravel layers and then bedrock. The stockpile of waste rocks and topsoil can also be seen on the western side floor of the borrow pit. The current status of the active borrow pit is shown in Figure 2-2.

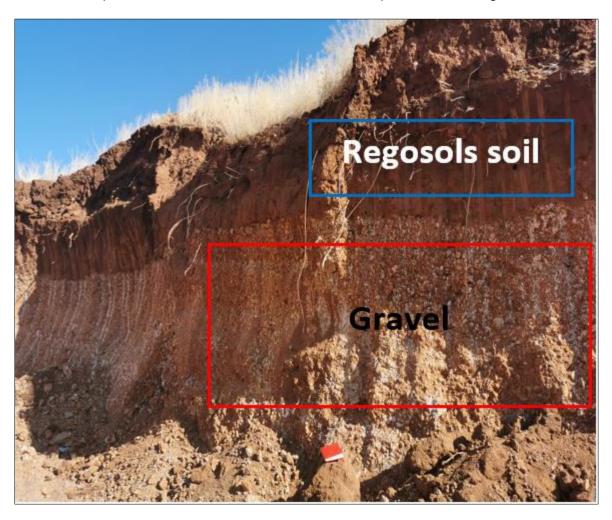


Figure 2-2: The current extraction of gravel onsite (gravel found beneath the Regosols soil)

Once the site is secured and improved for regulated mining, the extraction of gravel will be commenced by the Proponent and or Municipal contracted operator. The mining/extraction will only be done gravel hauling and loading to trucks for transporting

2.3 Resources, Services and Infrastructure

The required resources and services are provided by the Municipality as presented below:

- <u>Human Resources</u>: Two excavator operators will be appointed (employed) by the Municipality for gravel excavation and one borrow pit matron will be appointed for general control and maintenance. A security guard will be deployed (on a contractual basis) to guard the pits every day, day-and-night time. Should the Municipality consider more than one security guard in future, they will be on site as per their work shifts. All these employees will be housed in their own homes in Otjiwarongo and commute to work on a daily basis, when and as required.
- <u>Equipment and Vehicles</u>: The vehicles to be involved one hauling and loading truck, two
 pickup trucks and other small to medium sized vehicles to transport people, services and
 goods required onsite.
- Water supply: Water required for both site upgrading works, and operations of the borrow
 pits will be provided by the Municipality, when needed. The amount of water to be required
 is not known at this stage.
- Power supply: Currently, site does not use electricity, however, for the upgraded and regulated operations of the borrow pits, the site will be connected to the Municipality electricity line provided by Central North Regional Electrical Distributor (CENORED)'s power grid (in consultation with CENORED). For site upgrading works, a diesel powered machinery and equipment will be used.
- <u>Site accessibility</u>: The site is accessible from the Town via a well-maintained unpaved access road connecting the residential area to the site through the municipal and institutional zoned areas of Extension 10. The vehicles associated with the borrow pits site works and operations will continue to use the same access.
- <u>Site Security</u>: The site is currently not fenced off, but a modified mesh wire with a lockable
 gate and security room to prevent vandalism, illegal mining and theft will be installed
 around the active borrow pit and potential area. A 24-hour site security guard will be
 working on shifts to protect the site and equipment (properties) from possible theft and
 vandalism.
- Health and Safety: When required to excavate gravel and while carrying out maintenance and even borrow pits guarding, the responsible personnel (employees) will be provided with appropriate Personal Protective Equipment (PPE).

- <u>Potential Accidental Fire Outbreaks:</u> There is currently no fire extinguishers onsite.
 However, from site upgrading throughout operations, at least two fire extinguishers will be availed onsite and basic firefighting and response training provided to site personnel.
- Waste management: The borrow pits site will be equipped with secured waste bins for each waste type. Depending on the amount generated, waste will be sorted and collected on a weekly basis or monthly and taken to the Municipality landfill site in Otjiwarongo. The site upgrading workers will be provided with movable (temporary) toilets. Ablution facilities (toilets) will also be installed for borrow pits operational workers and clients wanting to acquire gravel.
- <u>Hazardous waste</u>: all the fuels and lubricants produced onsite during site upgrading will be properly handled and stored in containers for disposal at the nearest hazardous waste management facility.

2.4 Site Decommissioning

Borrow pits will be decommissioned when excavation of a pit reaches a certain depth. Therefore, when the pits reaches decommission depth in future, the Municipality will have to rehabilitate and close it off.

2.5 Challenges faced by the Municipality in formalizing the Borrow Pits

Although the formalization of the borrow pit area will create opportunities, the Municipality have foreseen the following challenges:

- Budget constraints (i.e., funding for fencing & other security measures),
- Possible resistance from the business community who will be in direct competition to supply gravel,
- Possible resistance from the public that is used to illegally source gravel from the borrow pit,
- Lack of machinery (i.e., excavator) that is required for smooth operations,
- Insufficient tipper trucks to cater for the expected increase in demand,
- Additional scope of work for the municipality (both administration and operations), and
- Rehabilitation of the borrow pit, and material testing.

Further issues and challenges identified by the EDS Consultants onsite were as follows:

- Illegal mining of gravel: the borrow pit is used for illegal mining activities by unknown and unauthorized community members (individuals and building contractors). The borrow pit is heavily mined on its western side to a depth of 5m.
- <u>Illegal waste dumping:</u> the communities / residents use the unfenced borrow pits as an easily accessible dumping site for domestic waste (papers, clothing, bottles, plastics, etc.), garden refuse and building rubbles.
- <u>Safety concerns</u>: due to the unregulated mining activities, the walls of the borrow pit seem to be unstable at some areas that continued mining beyond the safe angle and lack of safety precautions would lead to walls collapsing and potentially hurt people onsite.
- Medical waste dumping: The Town Hospital also dug up a hole (at 20°26'27.2"S 16°40'49.6"E) in one of the inactive borrow pits to burn medical waste that cannot be burnt in the incinerator (see Figure 2-3). There are some burnt tyres probably used to make the fire for burning the medical waste. However, not all the medical waste can be burnt, because the bottles (of expired medicines) could be seen in the hole.

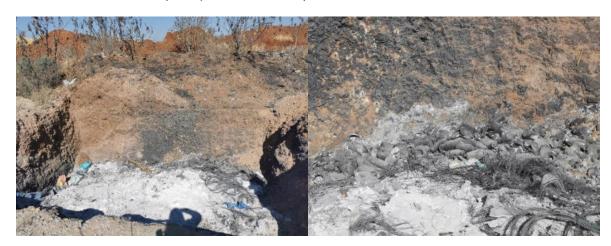


Figure 2-3: The medical waste dumped and burnt in a hole in the old inactive borrow pit 2

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The summary of legal requirements that govern the project activities are provided under chapter.	the next

3 LEGAL FRAMEWORK: APPROVALS, LICENSES AND OR PERMITS

The project and its associated activities are governed by certain legislative and legal requirements that are necessary to consider and outlined herein. This is done in terms of institutional (local) and national perspective. Therefore, the summary of these relevant legal requirements and these that require permitting and licensing for certain project activities are presented under Table 3-1.

Table 3-1: The legal requirements and permits and licenses applicable to the project activities

Legislation/Policy/ Guideline	Relevant Provisions	Implications for this Project
Environmental Management Act EMA (No 7 of 2007): Regulated under the Ministry of Environment, Forestry and Tourism (MEFT) Environmental Impact Assessment (EIA) Regulations Government Notice 28-30 (Government Gazette 4878) of February 2012: Regulated under the MEFT	The Act and its 2012 EIA Regulations aims to ensure that the potential impacts of the development on the environment are carefully considered. The Act aims at promoting sustainable management of the environment and use of natural resources. The Environmental Management Act (EMA) is broad; it regulates land use development through environmental clearance certification and/or Environmental Impact Assessments. For new projects, the Act requires that projects with significant environmental impacts are subject to an environmental assessment process (Section 27). Regardless to the site, mitigation measures should be developed for implementation during operations.	The EMA should inform and guide this EMP development and its implementation for: -ECC Amendment/Transfer and Renewal: Should the Proponent consider amending/Transferring the Project activities - The ECC needs to be renewed every 3 years (at least 3 months prior to its expiry date). The applications as deem necessary should be made with the Department of Environmental Affairs and Forestry (DEAF) as follows: Office of the Environmental Commissioner: Mr. Timoteus Mufeti Tel: 061 284 2701

Legislation/Policy/ Guideline	Relevant Provisions	Implications for this Project
	Details requirements for public consultation within a given environmental assessment process (Government Notice No. 30 Section 21). The details the requirements for what should be included in an Environmental Scoping Report (Government Notice No. 30 S8) and an EIA Report (Government Notice No. 30 Section 15).	Part of the Project is already in its operational phase. However, if necessary and required, constant consultations and engagements with the interested and affected parties (stakeholders) should be continued. In case of grievances raised by some members of the public, this should be addressed and resolved amicably.
Minerals (Prospecting and Mining) Act (No. 33 of 1992): Ministry of Mines and Energy (MME)	Section (S) 52 requires mineral license holders to enter into a written agreement with affected landowners before exercising rights conferred upon the license holder. Section 52(1) mineral licence holder may not exercise his/her rights in any town or village, on or in a proclaimed road, land utilised for cultivation, within 100m of any water resource (borehole, dam, spring, drinking trough etc.) and boreholes, or no operations in municipal areas, etc.), which should individually be checked to ensure compliance. Section 54 requires written notice to be submitted to the Mining Commissioner if the holder of a mineral license intends to abandon the mineral license area. S91 requires that rehabilitation measures should be included in an application for a mineral license	The Proponent should consult with the Office of the Mining Commissioner at MME of any other required permits/authorization regarding gravel mining within Townlands. The Contact person and details at MME is the Mining Commissioner Mrs. Isabella Chirchir Tel: +264 61 284 8251.
Water Act 54 of 1956: Regulated under the Ministry of Agriculture, Water and Land Reform	The Water Resources Management Act 11 of 2013 is presently without regulations; therefore, the Water Act No 54 of 1956 is still in force:	The protection (both quality and quantity/abstraction) of water resources should be a priority.

Legislation/Policy/ Guideline	Relevant Provisions	Implications for this Project
	-Prohibits the pollution of water and implements the principle that a person disposing of effluent or waste has a duly of care to prevent pollution (S3 (k)).	If wastewater is generated onsite and the Municipality would like to dispose it of in the environment, a Effluent Discharge Permit.
	-Provides for control and protection of groundwater (S66 (1), (d (ii)). -Liability of clean-up costs after closure/abandonment of an activity (S3 (I)).	Mr. Franciskus Witbooi (Deputy Director: Water Policy and Water Law Administration. Tel: (061) 208 715
Water Resources Management Act (No 11 of 2013): Regulated under the Ministry of Agriculture, Water and Land Reform	Ensure that the water resources of Namibia are managed, developed, used, conserved and protected in a manner consistent with, or conducive to, the fundamental principles set out in Section 66 - protection of aquifers, Subsection 1 (d) (iii) provide for preventing the contamination of the aquifer and water pollution control (Section 68).	Ms. Elise Mbandeka (Chief Hydrologist): Water Environment
	The Proponent will be required to apply for and renew the Treated Wastewater/effluent Discharge Permit from the Department of Water Affairs (DWA): Directorate of Water Resources Management (Water Environment Division). When issued, Proponent, the Permit should be renewed as required (as stipulated in therein).	
Pollution Control and Waste Management Bill: Regulated under the MEFT	The bill aims to "prevent and regulate the discharge of pollutants to the air, water and land" Of particular reference to the Project is: Section 21 "(1) Subject to sub-section (4) and section 22, no person shall cause or permit the discharge of pollutants or waste into any water or watercourse."	The Proponent and their workers/contractors should continue with the good waste management work (directly or indirectly) to ensure that the waste does not cause environmental threat and degradation.
	Section 55 "(1) No person may produce, collect, transport, sort, recover, treat, store, dispose of or otherwise manage waste in a manner that results in or creates a significant risk of harm to human health or the environment."	No permit or license required.

Legislation/Policy/ Guideline	Relevant Provisions	Implications for this Project
Soil Conservation Act (No 76 of	The Act makes provision for the prevention and control of soil erosion	Duty of care must be applied to soil conservation
1969): Regulated under the	and the protection, improvement and conservation of soil, vegetation	and management measures must be included in
Ministry of Agriculture, Water and	and water supply sources and resources, through directives declared	the EMP. This is mainly aimed at soil disturbance
Land Reform (MAWLR)	by the Minister.	through unnecessary creation of new tracks and
		pollution from project related activities.
The National Heritage Act (No. 27		Should heritage resources (e.g., artefacts, human
of 2004): Regulated under the	To provide for the protection and conservation of places and objects	remains/bones in the subsurface etc.) are
Ministry of Education, Arts and	of heritage significance and the registration of such places and objects;	discovered at some point on and /or around the
<u>Culture through National Heritage</u>	to establish an NHC; to establish a National Heritage Register; and to	site, these should be reported to the National
Council (NHC) of Namibia	provide for incidental matters.	Heritage Council of Namibia for relocation.
	This impact is likely during site preparation for the site upgrade when	Contact: Mrs. Erica Ndalikokule (Director)
The National Monuments Act (No.	there is a potential of inadvertent unearthing and damage of heritage	Or Ms. Agnes Shiningayamwe (Regional
28 of 1969): Regulated under the	resources such as old and unmarked graves, for instance.	Heritage Officer)
NHC	The Ast extends the protection of evaluation and historical and historical sites to	Tel: 061 301 903
	The Act extends the protection of archaeological and historical sites to	Tel: 061 301 903
	private and communal land and defines permit procedures regarding	
	activities at such sites.	
Public Health Act (No. 36 of 1919):	Section 119 states that "no person shall cause a nuisance or shall	The Proponent and all its employees should
Regulated under the Ministry of	suffer to exist on any land or premises owned or occupied by him or of	ensure compliance with the provisions of these
Health and Social Services	which he is in charge any nuisance or other condition liable to be	legal instruments. This includes the provision of
	injurious or dangerous to health."	health and safety measures, wearing of Personal
Health and Safety Regulations GN	Details various requirements regarding health and safety of labourers.	Protective Equipment (PPE), Health & Safety
156/1997 (Government Gazette		Trainings, etc.
1617): Regulated under the		This includes the safety and health of the Town's
Ministry of Health and Social		community.
Services		

Legislation/Policy/ Guideline	Relevant Provisions	Implications for this Project
Public and Environmental Health Act No. 1 of 2015: Regulated under the Ministry of Health and Social Services	To provide a framework for a structured uniform public and environmental health system in Namibia; and to provide for incidental matters.	No permit or license required.
Road Traffic and Transport Act, No. 22 of 1999: Regulated under the Ministry of Works and Transport (Roads Authority of Namibia)	The Act provides for the establishment of the Transportation Commission of Namibia; for the control of traffic on public roads, the licensing of drivers, the registration and licensing of vehicles, the control and regulation of road transport across Namibia's borders; and for matters incidental thereto.	The Proponent should consider applying for a formal access road permit to the site. This permit is to be applied from Roads Authority. Contact: Mr Eugene de Paauw (Roads Authority – Specialist Road Legislation) Tel.: 061 284 7027
Atmospheric Pollution Prevention Ordinance (1976): Regulated under the Ministry of Health and Social Services	This ordinance provides for the prevention of air pollution and is affected by the Health Act 21 of 1988. Under this ordinance, the entire area of Namibia, apart from East Caprivi, is proclaimed as a controlled area for the purposes of section 4(1) (a) of the ordinance.	The project and related activities should be undertaken in such a way that they do not pollute or compromise the surrounding air quality.
Hazardous Substance Ordinance, No. 14 of 1974: Regulated under the Ministry of Health and Social Services	The ordinance provides for the control of toxic substances. It covers manufacture, sale, use, disposal and dumping as well as import and export. Although the environmental aspects are not explicitly stated, the ordinance provides for the importing, storage, and handling.	The Proponent should handle and manage the storage and use of hazardous substances on site so that they do not harm or compromise the site environment
Local Authorities Act No. 23 of 1992: Regulated under the Ministry of Urban and Rural Development	To provide for the determination, for purposes of local government, of local authority councils; the establishment of such local authority councils; and to define the powers, duties and functions of local authority councils; and to provide for incidental matters. This includes the management of waste.	The Municipality is the responsible Local Authority of the area, and the project Proponent. Regardless, they should ensure that the Site activities follow the Act and its Regulations, as relevant to the project.

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Legislation/Policy/ Guideline	Relevant Provisions	Implications for this Project
Labour Act (No. 6 of 1992):	MLIERC is aimed at ensuring harmonious labour relations through	The Proponent should ensure that the upgrading
Regulated under the Ministry of	promoting social justice, occupational health and safety and enhanced	works, operations, and maintenance works, do not
Labour, Industrial Relations and	labour market services for the benefit of all Namibians. This ministry	compromise the safety and welfare of workers.
Employment Creation (MLIREC)	ensures effective implementation of the Labour Act No. 6 of 1992,	No permit or license required.
	specifically its Regulations, No. 156 Labour Act, 1992: Regulations	No permit of needed required.
	relating to the health and safety of employees at work	

The project site is located in a specific biophysical and social environment. Understanding the existing environment would aid in identifying the sensitive or potentially affected features and how these can be protected from the site operations and implementation of mitigation or management measures. Therefore, the relevant features of this environment are presented under the next chapter.

4 ENVIRONMENTAL BASELINE: BIOPHYSICAL AND SOCIAL

The baseline information presented below has been sourced from different reports of studies conducted in Otjozondjupa Region (at large) as well these done for the Otjiwarongo Town, relevant books and websites. The rest of the information has then been obtained by the Environmental Consultant upon site visit conducted on 07 July 2022.

4.1 Climatic Conditions

4.1.1 Rainfall

According to the 13-year period of rainfall data on the World Weather Online website (2022), Otjiwarongo area received the highest rainfall of 436mm in between January and March 2011 followed by 293mm in 2012 as shown in Figure 4-1.

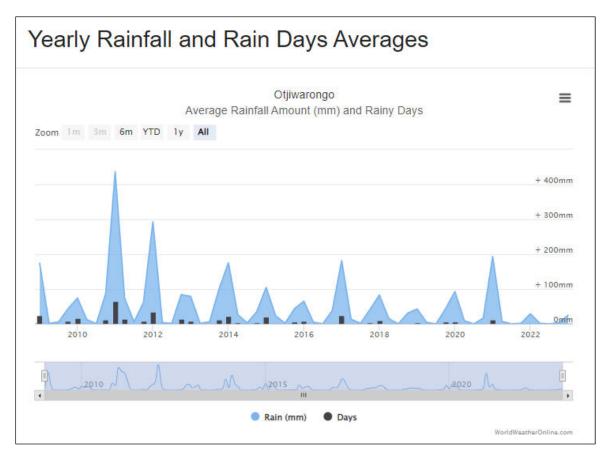


Figure 4-1: The average rainfall and rainy days for Otjiwarongo (World Weather online, 2022)

The highest average rainfall for the area is 175mm in February as shown in the chart in Figure 4-2.

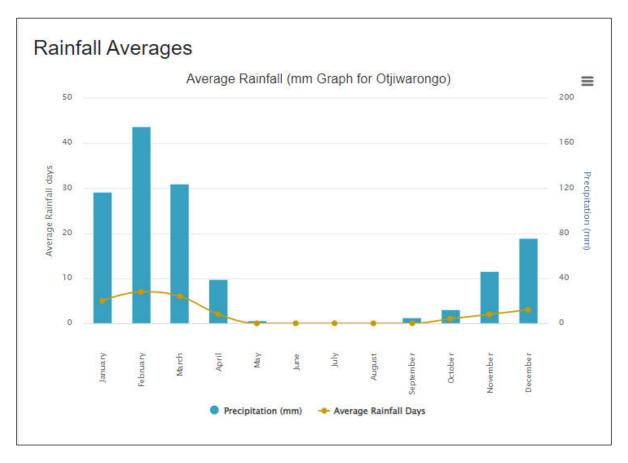


Figure 4-2: The monthly average rainfall for Otjiwarongo (World Weather online, 2022)

4.1.2 Temperature

Mendelsohn et al, (2002) indicated that Otjiwarongo area has annual temperatures between 20 and 22°C, minimum temperatures ranging between 4 and 6°C and maximum temperatures within the range of 32 to 36°C. According to World Weather Online (2022), the minimum and maximum temperatures for Otjiwarongo area are 8°C (in June), and 35°C (in October), respectively (as shown in Figure 4-3).

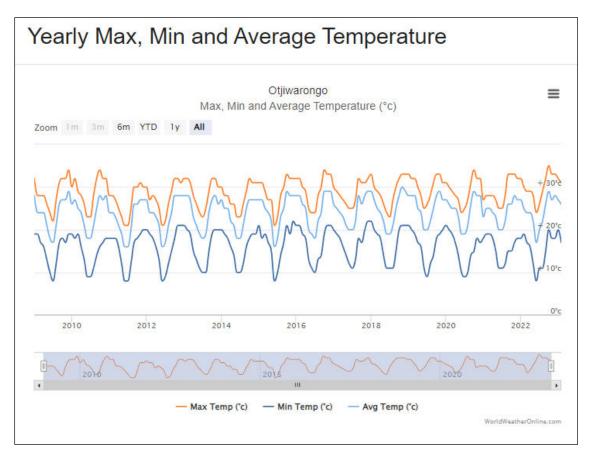


Figure 4-3: The maximum, minimum and average temperature for Otjiwarongo (World Weather online, 2022)

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The monthly average high and low temperatures are 32°C (between October and December) and 10°C (in June and July), respectively (

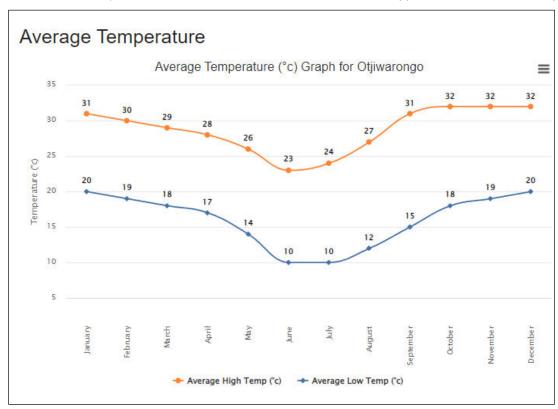


Figure 4-4).

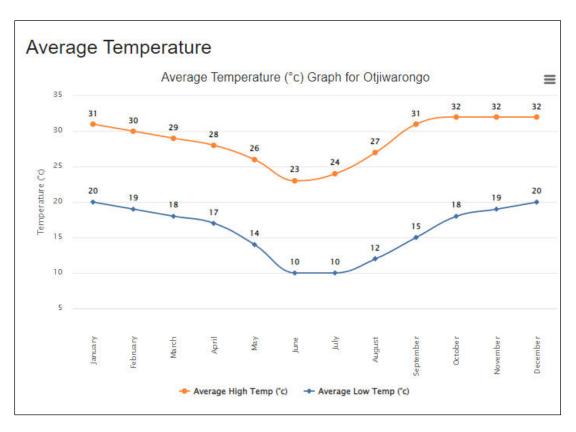


Figure 4-4: The monthly average temperature for Otjiwarongo (World Weather online, 2022)

4.1.3 Wind Direction and Speed

The predominant wind in Otjiwarongo area is blowing from Southwest (SW) to Northeast (NE). (Meteoblue, 2022) at a speed ranging between 12 and 19 kilometers per hour as shown Figure 4-5 (left-hand side). The strong winds (with a speed greater than 19km/h) occur throughout the year as shown in the chart (Figure 4-5 - right-hand side).

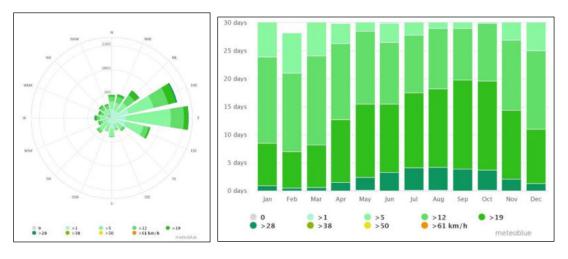


Figure 4-5: The modelled wind speed and chart for Otjiwarongo (Meteoblue, 2022

4.2 Landscape and Topography

The borrow pits are located within the Central Western Plain which consist of areas of dissection and erosional cutbacks. According to Mendelsohn *et al* (2002), this landscape stretches from the coast and this broad area of plains extends inland for about 450km in places. The plains were largely formed by erosion cutting back into higher ground and carving out the catchment areas of several major rivers such as the Khan, Omaruru, Swakop and Ugab Rivers.

The Borrow pits area is located between approximately 1,453 - 2,559 meters above sea level. Figure 4-6 shows the elevation map of the project area.

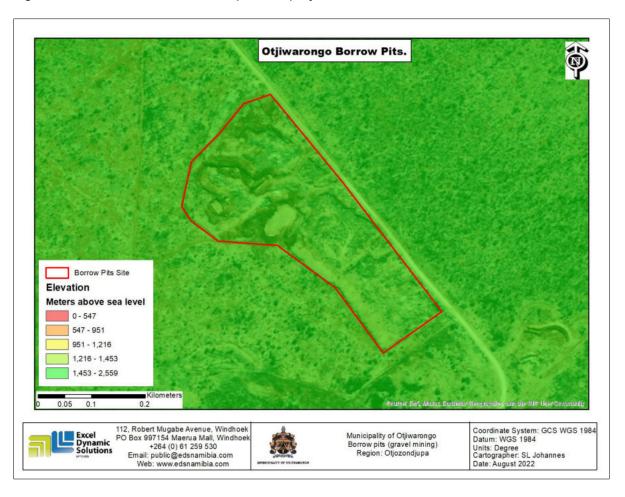


Figure 4-6: The topography of the site and Otjiwarongo Town

4.3 Geology and Soils

The geology of Otjiwarongo area is characterized by Damara Supergroup and Gariep Complex comprising of rock units such as granites, marbles, schists and quartzites.

The characteristic feature of the zone is the basement zone structures, which elongates in a north-eastern direction and possesses numerous post-tectonic granite plutons. A series of regional scale antiforms and synforms which trend in a northeast direction, dominants the project area. The Damara Sequence is dominated by the Swakop and Nossib groups, with the Swakop group being the dominated type within the area of the project. The Chuos and Karibib formations of the Swakop group, creating a composition of mixture and pebbly quartzite as well as marble and quartz-biotite schist (Speiser, 2012).

The geological map created for the site area (Figure 4-7) indicates that the site geology is characterized by the rock units comprising schist, marble, quartzite, and conglomerate.

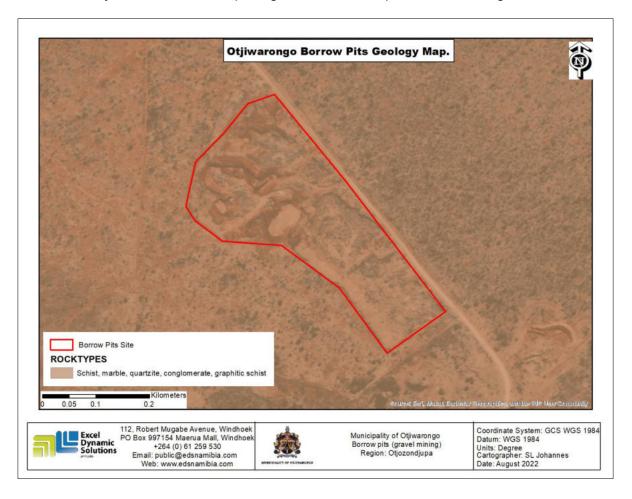


Figure 4-7: The geology of the site and Otjiwarongo Town

The Otjozondjupa Region is overlain by the Kalahari sediments (gravel, sand and calcrete). The Otjiwarongo soils are classified as Leptic-Skeletic Regosols. According to the International Soil Reference and Information Centre (ISRIC), regosols are very weakly developed mineral soils in unconsolidated materials that have only an ochric surface horizon and that are not very shallow (Leptosols). Regosols are extensive in eroding lands, arid and semi-arid areas and in mountain regions.

According to the site mapped soils, the borrow pit area and surroundings are overlain by eutric regosols as shown in Figure 4-8. According to Mendelsohn et al., (2002), the eutric soils are fertile with high base saturation. The second component of the soil type (regosol) indicates that these are medium or fine textured soils of actively eroding landscapes, the thin layers lying directly above the rock surfaces from which they were formed. These soils never reach a depths of more than 50cm (Mendelsohn *et al.*, 2002).

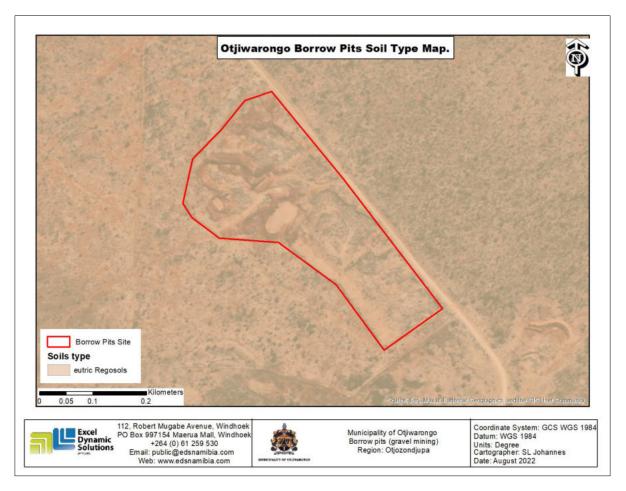


Figure 4-8: The dominant soil on and around the site

The site area is dominated by brown sandy gravel, and reddish loamy (topsoil). The site soils are heavily influenced by the mining activities and presence of dumped waste.

4.4 Hydrology and Hydrogeology

The Town of Otjiwarongo is situated in the karst environment (dolomite aquifers) of the Otavi Mountain Land groundwater basin. Groundwater in the project site area is moderate and hosted in porous aquifers as shown in Figure 4-9.

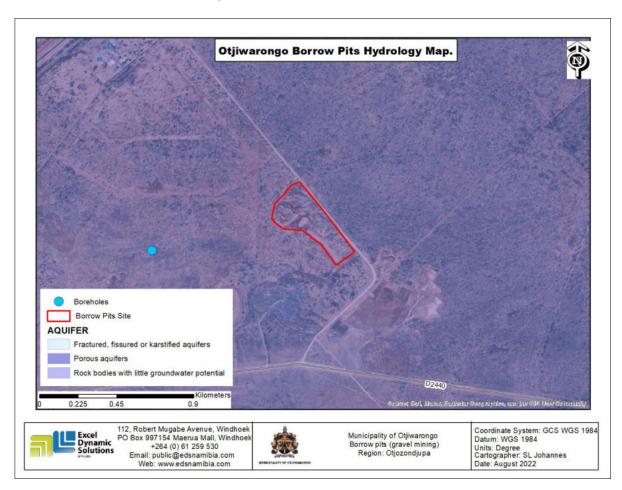


Figure 4-9: The geohydrology map of the site and surroundings

4.5 Fauna

The faunal presence noticed on pits was some birds flying over the site and. However, this does not mean that there are no other fauna such as soil organisms that may be on site, domestic animals such as dogs, goats, sheep and cattle do roaming around the pits. There are also some

wild life animals that are said to be roaming around the pits too such as jackals, rabbits, kudus, etc.

According to the Municipality personnel, there is an occurrence of cattle, goats, sheep and dogs potentially from the nearby farms.

4.6 Flora

The borrow pits are located within the Otjiwarongo Townland on the town outskirts, neighbouring to farms. The area is medium to densely covered by overgrown grass cover, shrubs and young trees of camelthorn species of *Acacia (Vachellia) erioloba*, and *Reficiens*.

The photos of some of the vegetation observed around the site are shown in Figure 4-10.



Figure 4-10: The vegetation observed on and around the site

4.7 Social and Economy

4.7.1 Demography

Based on 2011 Namibia Population and Housing Census, the population of the Otjozondjupa Region was 143,903 (70,001 females and 73,902 males) (Namibia Statistics Agency (NSA), 2014). The site falls within Otjiwarongo Urban Constituency which in 2011 had a population of population of 28,163.

4.7.2 Economic Activities

The economy of the Otjozondjupa Region depends on three components, namely; mining, farming, agriculture and tourism. The mining sector in the Otjozondjupa Region has been characterized by the establishment of large scale mines that provide employment for many Otjiwarongo residents, the likes of B2 Gold, Ohorongo cement and Cheetah cement. The Region accommodates the mining of commodities such as gold, marble, semi-precious stones. The farming industry is the one of the significant sector that contributed directly to the Gross Domestic Product (GDP). The region provide good grazing land for cattle farming as a result, farming for cattle sale commercially and communally it became a source of income for most residing residents in the region. The Otjozondjupa Region offers some of the most spectacular and popular tourist destinations as well as a variety eco-, wildlife, cultural and adventure tourism opportunities (Otjozondjupa Regional Council, 2013).

4.7.3 Waste Management

The waste in the Town is managed by the Municipality of Otjiwarongo, under the Waste Management Department. A well maintained sewage network ensures that waste water is removed from households and businesses. Municipal refuse teams collect refuse from the different suburbs as per the collection schedule. Each household and business is issued with large refuse bins.

4.7.4 Services and Infrastructure

Otjiwarongo is well-equipped with services and infrastructure to keep the Town running smoothly. Some of the services and infrastructure are summarized below:

- Water supply: Water in the Region is supplied in bulk to industries, municipalities by NamWater. Water in the rural areas of the Region is either supplied by the Directorate of Rural Water Supply or through privately owned boreholes on farms.
- Power supply: Electricity in the Region and Otjwarongo Town is supplied by the central
 north Regional Electrical Distributor (CENORED), combining the electricity distribution
 departments of the Local Authorities, Regional Councils and NamPower. According to the
 Otjozondjupa Regional Council (2022), although the Otjiwarongo Constituency is
 connected to the National Electricity grid, few households in resettlement farms are using
 solar energy to energize their house.
- Roads: The Region is connected to the rest of the country by B1 road, which runs from
 the Northern to south end of the country. Apart from the main road (B1), there are some
 roads that lead to other places such as Kalkeld, and Okakarara.
- Health Care: Otjiwarongo has access to good clinics, health centers (public and private)
 which includes clinics and hospitals to cater for the residents and travelers alike.
- <u>Education:</u> There are enough schools ranging from primary to secondary schools in the Town.

4.7.5 Surrounding Land Uses

The site is bordered to the south and east by farms (the nearest being Farm Cleveland), to the north by the Otjiwarongo-Otavi roadblock and Cheetah Cement, the B1 road, and the Otjiwarongo Airstrip. To the southwest is the Otjiwarongo Town, and immediate west of the Active burrow pit is the Municipal Dumpsite (where a dark smoke of waste burning was emanating from during site visit). Further on the north west of the pits is extension 10 which is earmarked for residential use.

4.7.6 Archaeology and Heritage Resources

The Otjozondjupa Region is not a region of high archaeological sites. There are no known archeological sites or object noted or seen on site or within close proximity of the proposed borrow pits. The nearest churches, mosques and related buildings are in the Town itself. During site visit, there are no other known nor observed heritage or archaeological site (resources) documented in the heritage database within proximity of the site. Although, there was no physical evidence onsite, the absence of surface findings does not mean an absence of subsurface resources that may be unintentionally unearthed during site maintenance and gravel extraction.

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For the successful implementation of this EMP, the roles and responsibilities need to be assigned to different parties at the Municipality (and contractors). Although the Municipality holds overall responsibility of implementing the EMP, individual parties operating under the Council holds the responsibility of implementing specific measures (as entirely individually or collectively), therefore, the EMP roles and responsibilities are provided under the next chapter.

5 EMP IMPLEMENTATION: ROLES & RESPONSIBILITIES

The Municipality of Otjiwarongo, as the project Proponent has the overall responsible for the implementation of the EMP and the associated Closure Plan. The roles and responsibilities of all delegates/parties involved in the effective implementation of this EMP are set in Table 5-1.

Table 5-1: The list of responsible parties and their roles in implementing the EMP & Closure Plan

Role (Person and or Institution)	Responsibilities
The Proponent (Municipality of	
Otjiwarongo)	when necessary.
	-Management and monitoring of individuals and/ or equipment on-site in terms
	of compliance with this EMP and issuing fines for contravening EMP provisions.
Safety, Health & Environmental	-Conducting site inspections of all areas with respect to the implementation of
(SHE) Officer / Environmental	this EMP (monitor and audit the implementation of the EMP).
Health Officer (EHO)	-Advising the Proponent on the removal of person(s) and/or equipment not
	complying with the provisions of this EMP.
	-Undertaking an annual review of the EMP and recommending additions and/or
	changes to this document.
Site Manager / Operator	-Collaborate with the SHE Officer to ensure the implementation of the EMP,
	especially on the technical aspects regarding the site upgrading/maintenance
	and operations (gravel mining).
	-Collaborate with the SHE Officer / EHO to ensure the implementation of the
	EMP, especially on the technical aspects regarding the site upgrading and
	maintenance works.
Site upgrading Contractor	-Collaborate with the SHE Officer and Site Manager to ensure the
	implementation of the EMP, especially on the technical aspects regarding the
	site works (upgrading and if necessary, maintenance).
	-Ensure that their works onsite comply with the EMP components and
	requirements relevant to their works.
Technical Staff and Consultants	The project's technical experts and consultants will be responsible for safely
	and effectively monitoring various technical parameters related to: site
	maintenance, waste management, water resources management, soil
	preservation/ protection, and employee/ contractor health.

6 ENVIRONMENTAL MANAGEMENT AND MITIGATION MEASURES

6.1 Identification of Key Impacts

The key potential impacts associated with the operations (mining) and maintenance of the borrow pits thereof are as follows:

Positive impacts

- -Natural resource management and sustainable land use through a regulated and managed mining practice using the Environmental Management Plan (EMP),
- -New Revenue stream for the Municipality,
- -Positive return on investment over time,
- -Job creation, Local socio-economic development through the employment during mining leading to income generation as well as taxes,
- -Preventing the illegal dumping of waste in and around the borrow pit by the public.

Potential Negative impacts (Continued)

- -Soil disturbance and erosion during mining.
- -General environmental pollution through mishandling of project related waste

Loss of biodiversity through the removal of vegetation that may be found within the target sites of the pits and for future expansion.

- -Vehicular traffic: potential increase in local traffic due to site activities.
- -Archaeological or cultural heritage impact through uncovering of unknown objects during excavation
- -Occupational and community health and safety: improper handling of site materials and equipment may cause health and safety risks (if unfenced).

The impacts will be mitigated by the implementation of measures provided under the next section.

6.2 Environmental Management and Mitigation Measures for the Project

The management actions provided under this section are aimed at avoiding the above-listed potential negative impacts, where possible. Where it is impossible to avoid the impacts, mitigation measures are provided to reduce the impacts' significance. The measures are recommended for the planning & design (Table 6-1), operations (Table 6-2) and decommissioning of the borrow pits (mining activities) (Table 7-1).

Table 6-1: The Environmental management and mitigation measures for the Planning of site upgrading works

Aspect	Impact	Management and Mitigation Measure(s)	Key Performance Indicator (KPI)	Implementation Responsibility	Timeline
		Planning Phase			
EMP implementation and training	Lack of EMP awareness and implications thereof	-A Comprehensive Health and Safety Plan for the project activities should be compiled. This will include all the necessary health, safety, and environmental considerations applicable to respective works on sites. -An EMP non-compliance penalty system should be implemented on site. -The Proponent should appoint a SHE Officer to be responsible for managing the EMP implementation and monitoring.	-All required Plans and systems are compiled and in place Safety, Health and Environmental (SHE) Officer is appointed -Records of EMP implementation Plans and Systems	-Proponent	Pre-site upgrade
Stormwater management	Flooding of the borrow pits during heavy rainy seasons	-Stormwater management plans (discharge points) should be designed and implemented on site to prevent potential rainwater from accumulating in the pits resulting in flooding.	-Stormwater discharge points incorporated into the site works	-Proponent: Engineer	Pre-site upgrade
Employment opportunities	Unfair practices of labour recruitment an opportunity leads to conflicts	-Local should be given preference for works (skilled, semi and unskilled) at the siteEqual opportunities should be given to women and men.	-There is a fair recruitment process -Locals are given preference for the work	-Proponent (Human Resources Department) for site operations -Site upgrading contractor	When deemed necessary during operations
Goods and services procurement	Conflicts from procurement of goods and service by	-The procurement of works for site upgrade works should follow a fair and transparent processProcurement should be open only to local and Namibian companies with strong local participation.	-Goods and services are procured from Otjiwarongo -Local businesses are considered for	-Proponent (Procurement Department)	When deemed necessary throughout the project

Aspect	Impact	Management and Mitigation Measure(s)	,	Implementation Responsibility	Timeline
	outsiders over	-The business opportunities such as site cleaning	procurement		-Contractor to
	local business	services and maintenance should be given to local companies	opportunities		be appointed before works

Table 6-2: The Environmental management and mitigation measures for the site upgrading and continued Gravel Mining & Maintenance

Aspect	Impact	Management and Mitigation Measure(s)	Key Performance Indicator (KPI)	Implementation Responsibility	
	Site upgrading, Operational & Maintenance Mitigation Measures				
EMP implementation and training	Lack of EMP awareness and implications thereof	-EMP trainings should be provided to all site personnel. -All site personnel should be aware of necessary health, safety, and environmental considerations. -The implementation of this EMP should be monitored. The site should be inspected, and a compliance audit done throughout the project activities (bi-annually). -Implement EMP non-compliance penalty system onsite.	-Compliance monitoring conducted bi- annually and should be recordedThe ECC is renewed every 3 years -Bi-annual reports -Records of EMP training conducted.	-SHE Officer / EHO	
Authorizations	Lack of Permits/ Licenses	-All the required agreements and licenses or permits should be applied for and obtained.	-Applicable permits and licenses to obtained from relevant authorities and kept on site for records keeping and future inspections	-Site Manager	
Site Security and public safety	Safety risks from an unfenced site	-A site fence should be erected and maintained to secure the site and prevent possible public unauthorized entry. -The warning signage of ''do not enter'' should be clearly written in English, and Afrikaans and pasted at the site gate. -Empty hazardous containers that may be used onsite should be securely kept on site, inside the boundary wall	-The site fence has been erected and maintained regularlyEmpty hazardous containers and waste container kept within the site fence boundaries and out of public reach	-Site Manager	

Aspect	Impact	Management and Mitigation Measure(s)	Key Performance Indicator (KPI)	Implementation Responsibility
		before transporting the containers to the nearest approved waste site.		
Specialised procurement of services	Site maintenance and related services	-All services related to project activities such as maintenance that the Proponent may need, preference should be given to local services providers. If not available locally, the services search should be extended to a Regional level (Otjozondjupa Region) and lastly, nationally, or international, if all efforts lead to no success.	-The hired contractors are from Otjiwarongo , Otjozondjupa Region or nearby areas in the Region	-Site Manager
Soils	Physical soil / land disturbance	-The Site soils should not be disturbed, if not needed. -All site upgrading related excavated pits and trenches	-No stockpiled soils onsite -No new erosion gullies.	-SHE Officer / EHO
	and erosion	that will not be utilized for the subsequent phase should be backfilled, and areas rehabilitated.		-Site Manager
		-The stockpiled topsoil on and around the site due to the project activities should be levelled.		
Stormwater and Pond overflow management	Runoff of polluted water into the environment	-Stormwater management plans (discharge points) should be installed on site to prevent potential contaminated run-off during heavy rain seasons.	-Stormwater discharge points are installed and maintained frequently.	-Site Manager
Health and Safety	Occupational Health and	-Undertake bi-annual health & safety refresher trainings for site personnel.	-Regular health screening of workers (annually)	-Site Manager
	Safety	-Provide induction to all new personnel and site visitors.	-Bi-annual health and safety audits done	-SHE Officer / EHO
		-Avail adequate and appropriate PPE to all workers and visitors. These include coveralls, gloves, safety boots, dust masks, safety glasses, etc.		EHO
		-Timeously recording and reporting of all health and safety incidences.		

Aspect	Impact	Management and Mitigation Measure(s)	Key Performance Indicator (KPI)	Implementation Responsibility
		-The project/site personnel should be provided with appropriate and functional equipment and machinery to avoid injuries and risk from malfunctioning equipment.		
		-Trainings (for new personnel) and refresher trainings should be appropriate and sufficiently provided to all personnel on how to operate equipment and machinery.		
	Public safety	-The site fence should be maintained to secure it and prevent possible public unauthorized. -No authorized entry into the site (a visible and clear NO ENTRY sign should be pasted at the site entrance)	-The safety and health measures are visible onsite	-Site Manager
Air Quality	Dust generation, fumes (poor air quality)	-Vehicles should only be driven at the authorized site speed of 40km per hour to avoid dust generation. -The heavy vehicles and fumes generating equipment (during site maintenance) should not be left idling when not in use.	-No complaints from the public about vehicle emissions and dust generationVisible efforts to curb dust	-Site Manager -SHE Officer / EHO
Fire outbreaks	Accidental fire outbreaks risks	-Warning signs of ''No Smoking" and ''No open fires" should be clearly written in English and Afrikaans languages and pasted at site entrance. -The site should have at least two well-serviced fire extinguishers. -Maintain regular servicing of fire extinguishers, and personnel trained on how to use extinguishers (basic fire firefighting skills). -No open fires should be created onsite. -The contact details of fire services should be readily and visibly displayed onsite.	-No open fires by site personnel or visitors -Fire extinguishers are readily available and up to date with service	-SHE Officer / EHO -Site Operator

Aspect	Impact	Management and Mitigation Measure(s)	Key Performance Indicator (KPI)	Implementation Responsibility
		-All personnel must be sensitised about responsible fire protection measures and good housekeeping such as the removal of flammable materials (e.g., rubbish, dry vegetation, and hydrocarbon-soaked soil) onsite.		
Site safety and security	Compromised site security and safety	-The site fence should be upgraded and maintained. -The site should be equipped with 24-hour security surveillance in case of opportunistic activities such as theft and vandalism of site properties as well as illegal gravel mining.	-The site fence and security measures are in place.	-Site Manager
Waste generation and management	Environmental Pollution (littering): Solid waste	-Project workers should be sensitized to dispose of waste in a responsible manner and not to litter. -No waste should be left scattered on site. Dispose of in allocated site waste containers. -The burning and burying of waste on site or anywhere else is prohibited. -All solid waste produced daily should be contained until such that time it will be transported to the Town's waste disposal site on a weekly basis. -A penalty system for irresponsible disposal of waste on site and anywhere in the area should be implemented. -The Municipality in collaboration with the Hospital should consider dumping the bottles at the dumpsite by creating a compartment for bottles, crush them and add a layer of sand/gravel to add stability (alternating layering, i.e., one layer of crushed bottles, followed by a layer of sand/gravel, followed by a layer of crushed bottles, and so on.).	-Site wide evaluation of the general condition of all waste storage sites must be conducted as part of the bi-annual environmental audits -A register of all waste generated on site is kept on site -All waste disposal permits are available on site -No littering on and around the project site	-Site Manager -Proponent: Solid waste division (dumpsite management) -SHE Officer / EHO

Aspect	Impact	Management and Mitigation Measure(s)	Key Performance Indicator (KPI)	Implementation Responsibility
	Wastewater generated by workers and visitors (sanitation)	-Provision of sufficient ablution facilities (washrooms and toilets) for project workers and visitors. -Open defecation on /around the site is strictly prohibited.	Adequate toilet facilities on site.	-Site Manager
	Hazardous waste	-All hazardous materials should be stored (on bunded area), handled and disposed of according to the applicable material safety data sheets (MSDS), as well as applicable regulations (e.g., the Health and Safety Regulations). -Hazard identification signage should be erected at appropriate site locations/areas. -All hydrocarbon substances should be contained in designated containers on site and later disposed of at nearby approved waste sites. -Hazardous waste, including emptied chemical containers should be safely stored on site where they cannot be accessed and used by uniformed locals for personal use. These containers can then be transported to the nearby approved hazardous waste sites for safe disposal. -No waste should be improperly disposed of on site or in the surroundings, i.e., unapproved waste sites. -As an emphasis on the preceding point, empty hazardous substance containers should not be disposed of anywhere on the project site or its surrounding, but instead they should be kent at a designated storing place.	-Site wide evaluation of the general condition of all hazardous waste storage sites must be conducted as part of the bi-annual environmental audits -A register of all waste generated on site is kept on site -All waste disposal permits from relevant authorities are available on site	-SHE Officer / EHO
		hazardous substance containers should not be disposed		

Aspect	Impact	Management and Mitigation Measure(s)	Key Performance Indicator (KPI)	Implementation Responsibility
Vehicular Traffic	Traffic safety	-The transportation of project materials, equipment and machinery should be limited to twice a week.	-Site access road permits obtained, and requirements fulfilled	-Site Manager
		-The deliveries of goods and services to the site should be done during weekdays between 8am and 5pm only.	-No complaints from members of the public regarding vehicular traffic issues related to the project	-SHE Officer / EHO
		-The site access road(s) should be upgraded to an unacceptable standard to be able to accommodate project related vehicles.	-All personnel operating the project vehicles and machinery are appropriately licensed and possession of valid driving licenses.	
		-Drivers of all project phases' vehicles should be in possession of valid and appropriate driving licenses.	-Demarcated areas for parking, offloading, and loading zones are on site.	
		-Vehicle drivers should adhere to the road safety rules.		
		-Drivers should drive slowly (40km/hour or less).		
		-Project vehicles should be in a road worthy condition and serviced regularly to avoid accidents due to mechanical faults of vehicles.		
		-Vehicle drivers should only make use of designated site access roads provided.		
		-Vehicle's drivers should not be allowed to operate vehicles while under the influence of alcohol.		
		-Sufficient parking area for all project vehicles should be provided for and clearly demarcated son sites.		
		-Make provision for safe materials and equipment offloading and loading areas on sites.		
		-Project loads should be properly fastened onto the vehicles to prevent falling causing injuries on the roads.		
Water Resources Use	Over-utilization of water resources	-Water conservation awareness and saving measures training should be provided to all the project workers so	-Water is recycled where possible	-SHE Officer / EHO

Aspect	Impact	Management and Mitigation Measure(s)	Key Performance Indicator (KPI)	Implementation Responsibility
		that they understand the importance of conserving water and become accountable.		
Soils and water resources	Soils and water resources contamination	-Spill control preventive measures should be in place on site to management soil contamination. -Site areas were hazardous waste will be used, consider using an HDPE liner or natural clay liner to eliminate the risk of possible leakage/leachate. -Sensitized personnel on the impacts of soil contamination. -Project machines and equipment should be equipped with drip trays to contain possible oil spills. -Contaminated soil should be removed immediately and disposed of at an approved and appropriately classified hazardous waste treatment facility. -Refuelling of vehicles should be done offsite (in Town). -Washing of equipment contaminated hydrocarbons, as well as the washing and servicing of vehicles should take place at a dedicated area offsite.	-No complaints of contamination on the soils due to project activities -No visible oil spills on the ground or pollution spots. -Sufficient waste containers provided onsite -Non-permeable material are used on areas where hydrocarbons and potential pollutants are utilized.	-SHE Officer / EHO
Biodiversity	Loss Fauna and Flora	 -Avoid the illegal harvesting of site vegetation and collection of firewood onsite. -The poaching of wild animals on and around the site is strictly prohibited. -Limit the site working areas to open land, thus preventing the disturbance of site vegetation. -Avoid leaving equipment or machinery leaning on vegetation. 	-No killing or disturbance of biodiversity -Site vegetation is preserved and conservation awareness is raised	-SHE Officer / EHO

Aspect	Impact	Management and Mitigation Measure(s)	Key Performance Indicator (KPI)	Implementation Responsibility
		-Avoid the killing or hunting of animals (birds, reptiles, mammals) encountered onsite or within site proximity. -Provide environmental awareness on importance of biodiversity preservation to personnel and contractors.		
Archaeology and heritage	Accidental disturbance of archaeological or heritage objects	-The site upgrading and maintenance contractor should be sensitized to exercise and recognize Heritage "Chance Finds Procedure (CFP)" – Appendix B. -Adhere to the provisions of Section 55 of the National Heritage Act in event significant heritage and culture features are discovered while conducting site works. -When the removing topsoil and subsoil on the site for site upgrade works, the site should be monitored for subsurface archaeological materials.	-Preservation of all artefacts and objects that are discovered on and around the project site during earthworks	-Site Manager -SHE Officer / EHO
Noise	Nuisance	 -Noise from operations' vehicles and equipment on the sites should be at acceptable levels. -The site upgrading, mining and maintenance activities should only be carried between 8am in the morning and 5pm. -Site workers and contractors should be equipped with PPE such as earplugs to reduce exposure to excessive noise during noisy site operations. 	-No complaints of excessive noise from site -Noise protective equipment for workers	-Site Manager -SHE Officer / EHO

7 DECOMMISSIONING OF THE BORROW PIT SITE AND ASSOCIATED INFRASTRUCTURES

The measures to be implemented by the Municipal Council should they consider decommissioning the pits in future are provided in Table 7-1 below, while the rehabilitation of the borrow pits are provided under chapter 8.

Table 7-1: The Management measures for the Closure (Decommissioning) of the borrow pits and associated infrastructures

Aspect		Management and Mitigation Measure(s)	Key Performance Indicator (KPI)	Implementation Responsibility	Timeline
Site Fencing associated infrastructure	and	-The site fencing should be maintained to ensure the security of the site at least until decommissioning is completed. The fencing can then be dismantled once all decommissioning activities are completed. -Alternatively, the site fencing can be used for other uses that may not be needed for the post-closure.	-The site is looked after and used appropriately	-Proponent	Upon cessation of mining activities
structures: Decommissioning	of and	-Dismantling of structures such as offices and materials that are no longer required upon decommissioning/closure. These, if still in usable condition can be utilized for other purposes in the Town. If cannot be reused, the materials should be taken to the Municipal dumpsite/solid waste site. -All the waste generated from leading to the last days on site should be transported to the Municipal solid waste site. -Transport all equipment to offsite storage facilities. -All access roads that may have been created for the phase and no longer required for operational phase should be closed off.	-Structures are used for other purposes in the Town -Waste transported to an approved dumpsite	-Proponent -SHE Officer / EHO	At the end of the site operations
Waste (general a	and	-All waste storage containers should be removed, and waste disposed of at designated and approved waste management sites.	-All waste and removed from site and	-Proponent	At the end of the site operations

Aspect	Management and Mitigation Measure(s)	Key Performance Indicator (KPI)	Implementation Responsibility	Timeline
	-sanitation facilities should be carried away by a designated sewer	transported to	-SHE Officer /	
	removal expert.	designated and	EHO	
	-Decontaminate hazardous waste storage tanks and containers at a	authorized sites		
	dedicated decontamination bay at the nearest capable facilities.			
	-if present, remove oil drums and petroleum products off site for			
	resale/use.			

8 REHABILITATION PLAN

The rehabilitation measures (action plans) provided under this chapter have been sourced from the South African Heritage Resources Agency1.

8.1 The Aims of a Site Rehabilitation Plan

The aims of the rehabilitation plan are to:

- Return the disturbed area to an acceptable post mining state,
- Ensure that all areas are stable, and there is not risk of erosion,
- Prevent alien plant invasion on the site until the site is in a stable state, and
- Ensure that all areas are free draining and non-polluting.

The continuous rehabilitation program will attempt to restore the area to an acceptable standard as close to its baseline environmental state as possible.

8.2 Management Criteria for the Rehabilitation of the Site

The following management measures are required:

- The areas will remain fenced, and all animals kept off until the vegetation is self-sustaining.
- Newly planted / seeded areas will be protected against compaction and erosion;
- Traffic will be limited until the vegetation is self-sustaining,
- Vegetation will be watered, if required, and weeded at least once in six months,
- On-going monitoring for pests and diseases will be undertaken at least once in six months
 and vegetation will be treated in accordance with identified accepted procedures if
 necessary, and
- Any damage caused by erosion will be rehabilitated and the necessary erosion control measures will be maintained.

The management measures to be implemented for the rehabilitation of the site are presented in Table 8-1.

¹ South African Heritage Resources Agency. EMPr – Borrow PitA for N1/14 Rehabilitation: Rehabilitation, Closure and Environmental Objectives. Available from

https://sahris.sahra.org.za/sites/default/files/heritagereports/Appendix%20H2 Rehabilitation%2C%20Closure%20and%20Environmental%20Objectives.pdf

Table 8-1: The Management measures for the rehabilitation of the borrow pits

Aspect	Management and Mitigation Measure(s)	Implementation Responsibility
General rehabilitation requirements	-The Municipality should make provision of a Rehabilitation Trust Fund to rehabilitate disturbed site areas post-mining activities.	
	-Rehabilitation should be restricted to areas excavated (mined).	
	-The objective of rehabilitation should be to restore the borrow pit to a condition which is as similar as possible to the natural environment or to the pre-determined end use.	-Proponent
	-Rehabilitation should commence as soon as the advancing face and sufficient working / loading area moves away from an area that has been mined out to the proposed limit of mining.	
	-Final rehabilitation will take place on completion of the borrow process and should continue for six months after completion of the project or until a certificate of closure is issued by the Directorate of Mines of the Ministry of Mines & Energy (MME).	
Surplus material and topsoil	-On completion of mining, all surplus material in and around the excavations, including any stockpiled gravel or oversized rocks, but excluding topsoil, should be returned and the sides of the pit should be graded at 1vertical: 3 horizontal slopes.	-Proponent
	-Stockpiled gravel should be left inside the pit for use on future projects. -The topsoil stockpiled prior to mining should be spread evenly over designated areas of the borrow pit, to a thickness of not less than 75mm.	-SHE Officer
	-Topsoil from adjacent road clearing activities can also be used to supplement topsoil for mining areas where topsoil is deemed to be inadequate by the engineer.	
	-The topsoil must be keyed into the re-profiled surfaces to ensure that they are not eroded or washed away.	

Aspect	Management and Mitigation Measure(s)	Implementation Responsibility
	-The top-soiled surface should also be left fairly rough (i.e., not smoothed down) to enhance seedling establishment, reduce water run-off and increase infiltration.	
Landscaping	-All borrow pit slopes should be finished to produce a smooth rounded concave / convex surface. -Ensure that hard rock slopes are safe. Benching of these slopes is preferred. -The floor of the borrow pit should be made gently undulating in keeping with the landscape surrounding the excavation. -The rehabilitated land will be visually in keeping with the immediate environment, and any negative visual impact will be rectified to the satisfaction of the regulatory authorities (MEFT and MME).	-Proponent -Municipal Civil Engineer -SHE Officer
Re-vegetation	-No seeding of replaced topsoil should be required, unless topsoil has been stored for a period longer than 12 months. Once replaced, the topsoil will be left to re-vegetate naturally unless the process does not occur unaided or if significant topsoil erosion occurs. -The prepared surfaces should be irrigated regularly for the initial 30-day period and monitored for natural re-growth. If necessary, planting or seeding should be undertaken if natural vegetation did not begin to establish after 30 - 60 days (specialist (Botanist) guidance should be appointed to determine the exact requirements). -Should the initial approach be deemed insufficient, the problem areas should be seeded with suitable grass species to provide an initial ground cover and stabilize the soil surface. With the guidance of the Botanist, suitable plant species that can work in this regard and seeds can either be collected on site (using a mower or by hand) or purchased from a relevant local seed supplier in Otjiwarongo such as MEFT's Forestry Division (Office). -During rehabilitation, specific consideration must be given to the slopes as these areas are more prone to erosion before the new vegetation can establish.	-Proponent -Plant Specialist (Botanist) appointed by the Proponent to advice on suitable species for site re- vegetation.

Aspect	Management and Mitigation Measure(s)	Implementation Responsibility	
	-No alien species should be planted at any time on and around the site area, and any invasive alien plants that establish during rehabilitation should be manually removed.		
Drainage works / erosion protection	-Areas where mining is completed should be rehabilitated immediately to reduce the opportunity for erosion.	-Proponent	
	 -Mining operations should be conducted in phases, thereby limiting the scale of erosion. -The final surface level should be free draining (unless otherwise indicated) and the necessary measures will be taken to prevent erosion until such time that the vegetation is sufficiently established. -Runnels, erosion channels or wash-aways developing after rehabilitation should be backfilled and consolidated and the areas restored to a proper stable condition. 		
	-Brush packing can be used in erosion runnels or at drainage outlets. -Central borrow pit areas are likely to become water traps in the long-term and the rehabilitation procedure should aim to complement this - i.e. the use of locally occurring water tolerant grasses, sedges and reeds would be recommended.		
General site clean-up	-All infrastructure, equipment, plant, fencing, temporary services and foreign materials should be removed from the site. -Waste material of any description, including receptacles, scrap, rubble and tyres should be removed entirely from the mining area and disposed of at the Municipal solid waste site. No waste should be buried or burned on and anywhere outside the site (this should be done under supervised and control conditions at the solid waste site). -Internal access tracks, not required by the landowner, should be obliterated by breaking the surface crust and scarifying the area to a depth of 250mm, whichever is the shallower, and then be covered with stockpiled topsoil.	-Proponent -SHE Officer	
	-The borrow pit will be kept in a neat and tidy condition at all times.		

Draft EMP

Aspect	Management and Mitigation Measure(s)	Implementation Responsibility
Additional measures	 -No construction equipment, vehicles or unauthorised personnel should be allowed unto areas that have been rehabilitated. -Only persons or equipment required for the preparation of areas, application of fertiliser and spreading of top material should be allowed to operate on these areas. -Permanent, stock-proof fencing should be erected / reinstated around the site. 	

8.3 Site End Use and Closure

On completion of the mining activities, the Municipality will decide as to whether the borrow pit will be continued to be utilised for material or is to be rehabilitated and vegetated for grazing purposes.

When the closure of the borrow pits (owing to depletion of the quality gravel), an environmental risk report should accompany the notification for site closure (and possible application for the cancellation of the ECC) and submitted to the Ministry of Environment, Forestry and Tourism's Department of Environmental Affairs & Forestry as well as to the Mines & Energy.

9 ENVIRONMENTAL MONITORING

To ensure that the implementation of recommended environmental management and mitigation measures is working and produces the desired results (to minimize and or eliminate adverse impacts), implementation of measures will need to be monitored and reported on. Monitoring is crucial as it helps with early identification of new adverse impacts that would arise during project operations/implementation and timely development of mitigation measures for implementation.

The Bi-annual environmental monitoring reports are to be compiled by the Proponent's availed resources (Environmental Health or SHE Officer) and submitted to the DEAF for archiving on a bi-annual basis as required by the conditions attached to the ECC. The reports should be audited annually by an Independent Environmental Consultant and prior to applying for an ECC renewal.

10 LIST OF REFERENCES

- 1. Mendelsohn J., Jarvis A., Roberts C., and Robertson T. (2002). Atlas of Namibia: A Portrait of the Land and its People. Cape Town: David Philip Publishers.
- Meteoblue. (2022). Meteoblue Weather: Simulated historical climate & weather data for Otjiwarongo, Otjiwarongo Region. Available from https://www.meteoblue.com/en/weather/historyclimate/climatemodelled/otjiwarongo_na mibia 3353811
- Namibia Statistics Agency (NSA). (2014). 2011 Population and Housing Census: Otjozondjupa Regional Profile - Basic Analysis with Highlights. Windhoek: Namibia Statistics Agency.
- 4. Otjozondjupa Regional Council. (2022). Otjiwarongo Constituency Profile.
- 5. World Weather Online. (2022). Otjiwarongo Otjozondjupa Region, Namibia Weather. Available from https://www.worldweatheronline.com/otjiwarongo-weather-averages/otjozondjupa/na.aspx.

APPENDIX A: THE LETTER OF CONSENT PROVIDED TO EDS BY THE MUNICIPALITY



MUNICIPALITY OTJIWARONGO

OTJIWARONGO Namibia

REF NO

17/6/1

ENQUIRIES:

Mr Naudé Slabbert

13 March 2023

Excel Dynamic Solutions (Pty)Ltd P O Box 997154

MAERUA MALL WINDHOEK

Dear Mr Tjelos

info@edsnamibia.com tylosner@gmail.com

OFFER TO CONDUCT ENVIRONMENTAL ASSESSMENT FOR MUNICIPAL FACILITY

With reference to the training held by your company in Windhoek on 25 and 26 November 2021 and the subsequent correspondence sent to us on 28 November 2021, the following refers.

We take note of the opportunity that Excel Dynamic Solutions (Pty) Ltd has provided to us and have selected the following site (project):

Existing Gravel Borrow Pits in Otjiwarongo Extension 10 / Mining Activities

As stated in the "3, Mining and Quarrying Activities -

- 3.1 The construction of facilities for any process or activities which requires a licence, right or other form of authorisation, and the renewal of a licence, right or other form of authorisation, in terms of the Minerals (Prospecting and Mining Act), 1992.
- Other forms of mining or extraction of any natural resources whether regulated by law or not.
- 3.3 Resource extraction, manipulation, conservation, and related activities."

Therefore, as a mitigation factor, the conduction of an EIA study (and or by an EMP) places the Municipality in a position to apply for an Environmental Clearance Certificate for the continued and regulated operation of the borrow pit (site) as guided by Section 27 of the Environmental Management Act No. 7 of 2007.

Please do not hesitate to contact our office for further information regarding information on the layouts provided.

Yours sincerely

MOSES MATYAYI

CHIEF EXECUTIVE OFFICER

Draft EMP

APPENDIX B: CHANCE FINDS PROCEDURE (AFTER KINAHAN, 2020)

Areas of proposed project are subject to heritage survey and assessment at the planning stage. These surveys are based on surface indications alone, and it is therefore possible that sites or items of heritage significance will be found during development work. The procedure set out here covers the reporting and management of such finds.

Scope: The "chance finds" procedure covers the actions to be taken from the discovery of a heritage site or item to its investigation and assessment by a trained archaeologist or other appropriately qualified person.

Compliance: The "chance finds" procedure is intended to ensure compliance with relevant provisions of the National Heritage Act (27 of 2004), especially Section 55 (4): "a person who discovers any archaeological objectmust as soon as practicable report the discovery to the Council". The procedure of reporting set out below must be observed so that heritage remains reported to the NHC are correctly identified in the field.

Manager/Supervisor must report the finding to the following competent authorities:

- National Heritage Council of Namibia (Head Office: +264 61 244 375 / Technical Office +264 61 301 903)
- National Museum (+264 61 276 800),
- National Forensic Laboratory (+264 61 240 461).

Archaeological material must NOT be touched. Tempering with the materials is an offence under the heritage act and punishable upon conviction by the law.

Responsibility:

Operator: To exercise due caution if archaeological remains are found

Foreman: To secure site and advise management timeously

Superintendent: To determine safe working boundary and request inspection

Archaeologist: To inspect, identify, advise management, and recover remains

Procedure:

Action by person identifying archaeological or heritage material:

Existing Gravel Mining Borrow Pits

Draft EMP

- a) If operating machinery or equipment stop work
- b) Identify the site with flag tape
- c) Determine GPS position if possible
- d) Report findings to foreman

Action by foreman

- a) Report findings, site location and actions taken to superintendent
- b) Cease any works in immediate vicinity

Action by superintendent

- a) Visit site and determine whether work can proceed without damage to findings
- b) Determine and mark exclusion boundary
- c) Site location and details to be added to project GIS for field confirmation by archaeologist

Action by Archaeologist

- a) Inspect site and confirm addition to project GIS
- b) Advise NHC and request written permission to remove findings from work area
- c) Recovery, packaging and labelling of findings for transfer to National Museum

In the event of discovering human remains

- a) Actions as above
- b) Field inspection by archaeologist to confirm that remains are human
- c) Advise and liaise with NHC and Police
- d) Recovery of remains and removal to National Museum or National Forensic Laboratory, as directed.

Existing Gravel Mining Borrow Pits

М	unicipality of Otjiwarongo	Draft EMP
	APPENDIX C: PROOF OF CONSULTATION	
	Existing Gravel Mining Borrow Pits	

Thursday 28 April 2022 | NEW ERA **SPORT**

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Notices

NOTIFICATION AND CALL FOR PUBLIC PARTICIPATION: ENVIRONMENTAL IMPACT ASSESSMENT (EIA) STUDIES FOR PROPOSED NEW FACILITIES AND DEVELOPMENT OF ENVIRONMENTAL MANAGEMENT PLANS (EMPs) FOR EXISTING FACILITIES FOR 12 LOCAL AUTHORITIES IN NAMIBIA

Excel Dynamic Solutions (Pty) Ltd (EDS) recognized the knowledge gap on Environmental Impact Assessment (EIA) and Management in most, if not all Environmental Health Officers (EHOs) in Local Authorities (Municipalities, Town & Villages Councils) of Namibia. Subsequently, EDS organized a Free, Hands-on 2-day ElA Training for the Officers, which EIA Training for the Officers, which was held from the 25 to 26 November 2021 in Windhoek. The Training was aimed at giving exposure to the Municipal, Town & Village Councils' EHOs on the environmental impact EHUS on the environmental impact assessment process with specific reference to townships development, waste management, urban geology, integrated water resource management and sustainability.

Upon completion of the Training, the EHOs and representatives of the Local Authorities shared with EDS some of their existing facilities or planned projects that are listed activities in the Environmental Management Act (EMA) No. 7 of 2007 and its 2012 EIA Regulations requiring Environmentals Regulations requiring Environmental Clearance Certificates (ECCs). Cléarance Cértificates (ECCs). EDS then offered to assist every represented Local Authority with one project of their choice each (new or existing) to obtain an ECC at no cost to the Local Authorities. The Public is therefore hereby notified that different applications for ECCs will be submitted to the Environmental Commissioner as per the EMA No. 7 of 2007 and its 2012 EIA Regulations.

The Projects (existing and new) for Certifciates will be applied for and that responded to accept the offer)

are as follows:

1. Environmental Impact Assessment
(EIA) Study for the Establishment
of Urban Agricultural Activities on
Extension 5 in Karibib, Erongo Region
Proponent: Karibib Town Council
2. Environmental Impact Assessment
(EIA) Study for the Proposed
Establishment & Operation of a new
Cemetery in Oraniamyad ///Karse

Cemetery in Oranjemund, //Karas

Proponent: Oranjemund Town Council 3. Environmental Impact Assessment

3. Environmental Impact Assessment (EIA) Study for Sand mining Activities in the Municipality Borrow Pits in Otijwarongo. Otjozondjupa Region Proponent: Municipality of Otjiwarongo 4. Environmental Impact Assessment (EIA) Study for the Oxidation Ponds and Sewage Treatment Plant in Eenhana Town, Ohangwena Region Proponent: Eenhana Town Council

REPUBLIC OF NAMIBIA
MINISTRY OF INDUSTRIALISATION
AND TRADE, LIQUOR ACT, 1998
NOTICE OF APPLICATION TO A
COMMITTEE IN TERMS OF THE
LIQUOR ACT, 1998
(regulations 14, 28 & 33)
Notice is given that an application
in terms of the Liquor Act, 1998,
particulars of which appear below,
will be made to the Regional Liquor
Licensing Committee, Region:
OSHIKOTO
OSHIKOTO

OSHIKOTO

1. Name and postal address of applicant,
FRANCOIS VAN ZYL

P O BOX 55 TSUMEB

2. Name of business or proposed
Business to which applicant relates **NORTHERN COFFEE** DISTRIBUTORS TRADING AS THE

COFFEE BOX

3. Address/Location of premises to which Application relates: ERF 3327 BLEI STREET, TSUMEB 4. Nature and details of application: RESTAURANT LIQUOR LICENSE
5. Clerk of the court with whom

TSUMEB MAGISTRATE COURT

6. Date on which application will be 30 APRIL 2022

Which application will be heard:

08 JUNE 2022 Any objection or written submission in terms of section 28 of the Act in

in terms of section 28 of the Act in relation to the applicant must be sent or delivered to the Secretary of the Committee to reach the Secretary not less than 21 days before the date of the meeting of the Committee at which the application will be heard.

Notices

5. Environmental Impact Assessment (EIA) Study for the Solid Waste Dumping Site in Onlipa Town, Oshikoto Region
Proponent: Onlipa Town Council
6. Development of the Environmental Management Plan (EMP) for the Existing Dumping Site in Witvlei Village, Omaheke Region
Proponent: Witvlei Village Council

Proponent: Witvlei Village Council
7. Development of the Environmental Management Plan (EMP) for the Existing Oxidation Ponds in Divundu,

Existing Oxidation Ponds in Divundu, Kavango East Region Proponent: Divundu Village Council 8. Development of the Environmental Management Plan (EMP) for the Existing Dumping Site in Rundu Town, Kavango East Region Proponent: Rundu Town Council 9. Development of the Environmental Management Plan (EMP) for the Existing Oxidation Ponds in Ruacana Town, Omusati Region Proponent: Ruacana Town Council 10. Development of the Environmental Management Plan (EMP) for the Existing ELCIN Cemetery in Omuthiya, Oshana Region

Oshana Region
Proponent: Omuthiya Town Council

Proponent: Omuthiya Town Council
11. Development of the Environmental
Management Plan (EMP) for the
Existing Dumping Site in Rehoboth
Town, Hardap Region
Proponent: Rehoboth Town Council
12. Development of the Environmental
Management Plan (EMP) for the
Existing Effluent Treatment Plant in
Lüderitz, //Karas Region
Proponent: Lüderitz Town Council

Furthermore, the Public is invited to register as Interested and Affected Parties (I&APs) to comment or request further information on the request further information on the respective EIA Studies. Registration requests and comments (with the relevant Local Authority / Proponent's Name) should be directed to the contact details provided hereto and submitted before end of the day on Friday. 27 May 2022.

Public Consultation Meetings for the EIA Studies will be held in the respective Towns and the details will be communicated in due course



Contact Person:
Ms. Fredrika Shagama
Email 1: fshagama@edsnamibia.
com OR
Email 2: public@edsnamibia.com

Telephone No.: +264 (0) 61 259 530

REPUBLIC OF NAMIBIA MINISTRY OF INDUSTRIALISATION MINISTRY OF INDUSTRIALISATION
AND TRADE, LIQUOR ACT, 1998
NOTICE OF APPLICATION TO A
COMMITTEE IN TERMS OF THE
LIQUOR ACT, 1998
(regulations 14, 26 & 33)
Notice is given that an application
in terms of the Liquor Act, 1998,
particulars of which appear below,
will be made to the Regional Liquor
Licensing Committee, Region:
OMUSATT

1. Name and postal address of
applicant,
KRISTOF SHEEHAMA
P O BOX 30 OUTAPI

P O BOX 30 OUTAPI
2. Name of business or proposed
Business to which applicant relates

MWATALALA PUB 3. Address/Location of premises to which Application relates OMUVELO WAKASAMANE

BORDER POST
4. Nature and details of application

SHEBEEN LIQUOR LICENSE
5. Clerk of the court with whom
Application will be lodged:
OUTAPI MAGISTRATE
Date on which application will be

on which application Lodged: 29 APRIL 2022 Which application will be 08 JUNE 2022

O8 JUNE 2022
Any objection or written submission in terms of section 28 of the Act in relation to the applicant must be sent or delivered to the Secretary of the Committee to reach the Secretary not less than 21 days before the date of the meeting of the Committee at which the application will be heard.

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Notices

CONSENT USES, **ERECTION OF BUILDINGS AND USE OF LAND IN** TERMS OF TOWN **PLANNING SCHEME** REGULATIONS

Notice is hereby given in terms of Clause 7 of the Katima Mulilo Town Planning Scheme Regulations that the Town Council considers the following consent use, erection of buildings and use of land, details of which are obtainable from the Manager: Town Planning Department.

Erf 1765 Choto Proper: Special Permission for a Shebeen

Contact persons: Ms. F. Shishveni 066

261 546 (Town Planning Manager) Mr. Austin Lutombi

Simataa 0813616604 (Applicant)

Any person having any objections to the proposed steps may lodge such objections duly motivated in writing, with the Chief Executive officer until 16th May

REPUBLIC OF NAMIBIA
MINISTRY OF INDUSTRIALISATION
AND TRADE, LIQUOR ACT, 1998
NOTICE OF APPLICATION TO A
COMMITTEE IN TERMS OF THE
LIQUOR ACT, 1998
(regulations 14, 26 & 33)
Notice is given that an application
in terms of the Liquor Act, 1998,
particulars of which appear below,
will be made to the Regional Liquor
Licensing Committee, Region:
OMUSATI
1. Name and postal address of
applicant,
KAUTONDOKWA VAINO
PENDUKENI
P O BOX 18259 ONANDJABA
2. Name of business or proposed
Business to which applicant relates
MTABELEZI VILLAGE
ENTERTAINMENT
3. Address/Location of premises to
which Application relates:
OUPALE, OKALONGO
CONSTITUENCY
4. Nature and details of application:
SHEBEEN LIQUOR LICENSE
5. Clerk of the court with whom
Application will be lodged:
OUTAPI MAGISTRATE
6. Date on which application will be
Lodged:
18 – 29 APRIL 2022
7 Date of meeting of Committee at
Which application of withe services
08 JUNE 2022
Any objection or written submission
in terms of section 28 of the Act in
relation to the applicant must be sent
or delivered to the Secretary of the
Ecommittee to reach the Secretary not
less than 21 days before the date of the
meeting of the Committee at which the
application will be heard.

REPUBLIC OF NAMIBIA
MINISTRY OF INDUSTRIALISATION
AND TRADE, LIQUOR ACT, 1998
NOTICE OF APPLICATION TO A
COMMITTEE IN TERMS OF THE
LIQUOR ACT, 1998
(regulations 14, 26 & 33)
Notice is given that an application
in terms of the Liquor Act, 1998,
particulars of which appear below,
will be made to the Regional Liquor
Licensing Committee, Region:
OTJOZONDJUPA
1. Name and postal address of
applicant,

applicant,
CLAUDIUS MUYAKWA
2. Name of business or propos Business to which applicant relates
PEACOK INVESTMENT LIQUOR
3. Address/Location of pression which Application relates: ORUAKU, OKAKARARA DISTRICT

ORDANU, ONAMARAR DISTRAIL

4. Nature and details of application
SHEBEEN LIQUOR LICENCE
5. Clerk of the court with whom
Application will be lodged:
OKAKARARA MAGISTRATE
6. Date on which application will be
Lodged:
09 – 27 APRIL 2022
7 Date of meeting of Committee a
Which application will be heard:
08 JUNE 2022
Any objection or written submission

O8 JUNE 2022

Any objection or written submission in terms of section 28 of the Act in relation to the applicant must be sent or delivered to the Secretary of the Committee to reach the Secretary not less than 21 days before the date of the meeting of the Committee at which the application will be heard.



We have to do a magical thing," said Karim Benzema after Real Madrid performed another Houdini act in the Champions League to escape only 4-3 down from Tuesday's thrilling semifinal, first leg against Manchester City

Benzema set up what should be a special night at the Santiago Bernabeu on May 4 by scoring twice to take his tally for the season to 41 goals in as many games.

Without the Frenchman, Madrid's quest for a 14th European crown would have long since

Benzema scored hat-tricks against both Paris Saint-Germain and Chelsea in the past two rounds as Real walked a tightrope to reach the last four for the 30th time.

By contrast, this was just City's nird trip to the semifinals, but the English champions justified their status as tournament favourites on the night the Etihad Stadium may finally have warmed to the Champions League.

The competition's anthem was again lustily booed before kick-off by City fans who have not forgotten the financial fair play charges laid against their club by Uefa.

Had City not successfully appealed to the Court of Arbitration for Sport, they would have been banned from the Champions League for the past

Instead, they are 90 minutes

away from reaching the final for a second consecutive season.

Benzema keeps Real

It was the first time the City fans had something to cheer in

 $When the sides \, met \, at \, this \, stage \,$ in 2016, Madrid edged a cagey tie 1-0 on aggregate.

Last season, City swept aside Paris Saint-Germain but in front of empty stadiums due to coronavirus restrictions.

This time it took just 10 minutes for Madrid to be clinging on to stay in the tie.

Kevin De Bruyne headed in after 90 seconds before Gabriel Jesus doubled the home side's lead.

Riyad Mahrez and Phil Foden should have put Real out of sight, but PSG and Chelsea had similar regrets only to be stung by the survival instincts of Carlo Ancelotti's men

"When you lose it isn't good," said Ancelotti, dismissing suggestions he should be pleased to have escaped still alive in the tie. 'It is easy to read this game,

we were good on the ball and bad without it."

THE HOLY GRAIL

Once again it was left to Benzema to dig Los Blancos out of the mire by halving the deficit before halftime.

A wild second half raged from end to end as Foden and Bernardo Silva extended City's advantage, only to be pegged back by Vinicius Junior's stunning solo run and finish before Benzema had the final word from the penalty spot. "No one can say they didn't enjoy it," said Guardiola. "It was a good advertisement for football.

Thrilling... Real Madrid's French striker Karim Benzema is tackled

by Manchester City's Ukrainian

midfielder Oleksandr Zinchenko (L) as he scores his team first goal during the

UEFA Champions League semi-final.

Eleven years have passed since Guardiola last lifted the European Cup as Barcelona coach.

That same year City began their Champions League journey, backed by the wealth of Abu Dhabi that has made them the dominant force in English football over the past decade.

Now in Guardiola's sixth season, conquering Europe remains their holy grail.

There has been much frustration at the failures along the way, particularly when Guardiola has at times tried to be too clever

But the sight of Madrid being put to the sword with the eyes of the world on the Etihad was why City have invested so much to bring the Spaniard to east Manchester and keep him around longer than he has stayed at any other club.

"There is not one complaint about the result, the performance," added Guardiola. "I'm so proud and incredibly happy with the way we performed."

The ultimate test of whether City are ready to win the Champions League awaits next week when the cauldron of the Bernabeu will expect another

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REPUBLIC OF MAMBIA
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RESTAURANT
3. Address/Location of premises to which Application relates;
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1. Name and postal address of applicant, PAULUS VEIKO, P.O. BOX 13259, ONANDJAMBA- OKALONGO

2. Name of business or proposed Business to which applicant relates SHIPE SHEBEEN

3. Address/Location of premises in which Application relates: OLUPITO VILLAGE

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MEMBER TUEUTJIUA, P.O.BOX 18, OKAKARARA

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 Address/Location of premises to which Application relates: ERF 592 JOHN TJIKUUA STREET, OKAKARARA STREET, OKAKARARA

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 JONAS TUHAFENI MUSHILI P.O.BOX 90172, ONGWEDIVA
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NOTIFICATION AND CALL FOR PUBLIC PARTICIPATION:

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Regulations requiring Environmental

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The Projects (existing and new) for which the Environmental Clearance Certificiates will be applied for and their Proponents (Local Authorities that responded to accept the offer) are as follows:

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Proponent: Karibib Town Guenell
2. Environmental Impact Assessment
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Freponent Liberitz Town Council Furthermore, the Public is invited to register as interested and Affected Parties (I&APs) to comment or request further information on the respective IR Studies. Registration respects IR Studies. Registration the relevant Lorentz (with the relevant Lorentz (with the relevant Lorentz details and revolution of the Council Coun

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- bidder.

 2.The goods will be sold "voetstoots".

 3.Payment shall be made in cash or by bank guaranteed cheque.

 DATED at WINDHOEK this 05TH day of APRIL 2022.

 KANGUEEHI & KAVENDUII-INC.

 I enal Practitioners for the Exe
- ERF 3956, HOSEA KUTAKO &
- WINDHOEK (Ref: N236,19KK) TO: THE REGISTRAR OF THE IRT THE HIGH COURT OF NAMIBIA WINDHOEK

clao220001837 clac22001837. MINISTRY OF TRADE & INDUSTRY LIQUOR ACT 1998 NOTICE OF APPLICATION TO A COMMITTEE TERMS OF THE LIQUOR ACT 1998 (regulations 14, 26 & 33) Notice is given that an application in terms of years that the proposation of terms of which application to terms of which application before the Regional Liquor Licensing Committee, Region OMUSATI 1. Name and postal address of applicant MOSES KAMBWALI PO BOX 599 CUTAP! 2. Name of business or proposed business to which application relates: EYAMBEKO TRADING ENTERPRISES CG

- Address / location of premises to which application relates: CSHIFO PLACANA.

 A defense / location of premises to which application: SPECIAL LIGOUR LICENCE.

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- clao220002003 MINISTRY OF TRADE & INDUSTRY LIQUOR ACT 1998 NOTICE OF APPLICATION TO A COMMITTEE TERMS OF THE LIQUOR ACT 1998 (regulations 14, 26 & 33) Notice is given that an application in terms of the Liquor Act, 1998, particulars of the Liquor Carlot Committee, Region CoSHIGKOTO.

 1. Name and postal address a oppoisant: EUZABETH NATISUWE MATHEUS, BOX 355 OSHAKATI
 2. Name of business or proposed business to which application relates: OSTIOFA AGR.
 3. Address / location of premises to which application relates: OSHIGKMBO
 4. Nature and details of application: NISTRY OF TRADE & INDUSTRY

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• Legal •

relation to the application muor delivered to the Secreta Committee to reach the Seciess than 21 days before the meeting of the Committee the application will be heard.

Glace20002000 REPUBLIC OF NAMINA MINISTRY OF TRADE & INDUSTRY LIQUOR ACT, 1998 NOTICE OF APPLICATION TO A COMMITTEE IN TERMS OF THE LIQUOR ACT, 1998 (regulations 14,26 & 33) Notice is gleen that an application in terms of the Isquer Act, 1998, particulture of which will appear below, particulture of which will be income the proposed Business to which applicant relates: FACEPARK LOUNGE 2. Name of business or proposed Business to which applicant relates: FACEPARK LOUNGE 3. Address/ Location of premises to which applicant relates: FACEPARK LOUNGE FER 1643, DMWANDI, ONDANGWA A Name of address of application: FER 1643, DMWANDI, ONDANGWA A Name of address of application: FER 1643, DMWANDI, ONDANGWA A Name of address of application: FER 1642, LOUNGE LOUNGE ONDANSWA MAGISTRATE ONDANSWA MAGISTRATE ONDANSWA MAGISTRATE O 24 APPLICATES DE APPLICATES A PAPRL 2022 APPLICATES A PAPRL

- lodged: 29 APRIL 2022 7. Date of meeting of committee at which application will be heard: 08 JUNE 2022
- IUNE 2022
 Mny subjection or written submission
 in terms of section 28 of the Act in
 selection to the applicant must be send
 selection to the applicant must be send
 or delivered to this scoretary of the
 Committee to reach the Secretary not
 eas than 21 days before the date of
 the meeting of the committee at which
 he application will be heard

- CASE NO: HC-MD-CIV-ACT-CON-2021/04276 IN THE HIGH COURT OF NAMIBIA (Main Division) in the matter between RODRIG IN-VESTMENTS (PRIVATE) LMITED JUDGMENT CREDITOR And ADRIA-1ST JUDGMEN BRANCO ADRIANO 2ND JUDGMEN NOTICE OF SALE IN EXE BRANCO Authorition of SALE IN EXECUTION In execution of a judgment against the above Defendants granted by the above Honoursble Court on 28th January 2022, the following will be soid by public muclein on 12th Minary 2022 at 1970.0 at £ft 1631 National 2022 at 1970.0 at £ft 1631 National Cultural House Street Issumeb, by the Deputy Sheriff of Burnett.

 1 x BMM 5350 (NS0077)

- x BMW 530D (N9007T)
 x Lounge Suite
 x Dinning Table & 5 Chairs
 x Side Table
 x Coffee Table
 x Coffee Table
 x Samsung Flat Screen TV
 x TV Unit
 x Double Beds
 x Eddoss
- X DOUBLE BEGS
 X Fridges
 X Deep Freezer
 ERMS OF SALE; VOETSTOOTS AND
 ASSH TO THE HIGHEST BIDDER
 ATEO AT WINDHOEK this 17th day of
 PRIL 2022.
 IR WEDER, KAUTA & HOVEKA INC.
- idgment Creditor's igal Practitioners KH House, Jan Jonker Road indhoek

clao220001927

- CASE NO: HC-MO-CN-ACTCOM-2022/00235 IN THE MIGHT
 COURT OF NAMBBA IN the MIGHT
 COURT OF NAMBBA IN THE MIGHT
 between FIRST NATIONAL, BANK OF
 AMBIBA MINTED Plaintiff and ANDAHAPE LEWINIFER HENGOMBE Detendant NOTICE OF SALE IN EXECUTION
 In execution of a judgment against
 the above Defendant granted by the
 above Honourable Court on the 3
 March 2022, the following visit be sold
 by public suction on the 12 Mey 2022
 t 1500 at 81 7931 NdIllman Court
 Trouge Street, Taumeb, by the Deputy
 Sherff, Saumeb
- roupe Street, Teur heriff, Tsumeb : x Defy Fridge x TV unit X Flat screen TV
- x Sleeper couch x Couch x Microwaye
- 1 x Microwave
 TERMS OF SALE; VOETSTOOTS
 AND CASH TO THE HIGHEST BIDDER
 DATED at WINDHOEK this 24TH day
 of MARCH 2022. DR WEDER KAUTA &
 HOVEKA INC C POTGIETER
 WICH MANY AND CONTROLLED.
- clac220001343 NOTICE OF ENVIRONMENTAL MYROT ASSESSMENT [EM]: ENVIRONMENTAL (LEARANGE ENTIFICATEFOR THE PROPOSED EXPOSED ON THE EXCLUSIVE PROSPECTING LECTION OF THE EXCLUSIVE PROSPECTING LECTIONS (EPI. No. PER 6250 LOCATED BETWEEN TAY AND KOMBAT IN THE OTJOZONOJUPA REGION U-dar the Environmental Managerist AC No. 7 of 2007 and 18 0210 Environmental Managerist AC No. 7 of 2007 and 18 0210 Environmental Managerist AC No. 7 of 2007 and 18 0210 Environmental Managerist AC No. 7 of 2007 and 18 0210 Environmental Managerist AC No. 7 of 2007 and 18 0210 Environmental Managerist AC No. 7 of 2007 and 18 0210 Environmental Managerist AC NO. 7 of 2007 and 18 0

• Legal • an Environmental Clearance Cer (ECC) will be submitted to the E-mental commissioner. The proje-listed activity that cannot be unde-without an ECC from the Depa of Environmental Affairs and F

- Environmental Annual State of the Commental Annual State of the Commental State of the Comm

- Date: To be confirmed and communicated with interested and Affacted Parties. Times: To be confirmed and communicated with interested and Affacted Parties. The confirmed and communicated with interested and Affacted Parties and Communicated with interested and communicated and commu
- Email: public@edsnamibis.com Tel: + 264 61 259 530

NOTIFICATION AND CALL FOR PUBLIC PARTICIPATION: ENVI-RONMENTAL IMPACT ASSESS. MENT (EIA) STUDIES FOR PRO POSED NEW FACILITIES AND DEVELOPMENT PLANS (EMPs) FOR EXISTING FACILITIES FOR 12 LOCAL AUTHORITIES IN NAMIBIA Excel Dynamic Solu-tions (Pty) Ltd (EDS) recognized the

- Impact Assessment (EIA) and Management in most, if not all Environmental Impact Assessment (EIA) and Management in most, if not all Environmental Health Officers (EHOs) in Local Authorities (Municipality, EDS organized a Free, Hands- on 2-day EIA Training for the Officers, which was hald from the 25 to 28 November 2021 in Windhoek. The Training was aimed at giving exposure to the Municipal, Town & Willage Councils' EHOs on the environmental Impact assessment process with specific reference to townships development, waste management, urban geology, integrated water resource management and sustainability. Upon completion of the Training, the EHOs and representatives of the Local Authorities shared with EDS some of their existing facilities or planned projects that are listed activities in the Environmental Management Act (EMA) No. 7 of 2007 and its 2012 EIA Regulations requiring Environmental Ceramice Certificates (ECCa). EDS then offered to assist very represented Local Authorities that respondent on the EMA No. 7 of 2007 and the EMPAGEMENT of 2007 and the EMPAGEMENT of 2007 and ECC at no cost to the Local Authorities that respondent on ECC at no cost to the Local Authorities that respondent on the EMA No. 7 of 2007 and ECC at no cost to the Local Authorities that respondent to the Environmental Ceramics Geretificates will be applied for and their Proponent Local Authorities that respondent to accept the offer) are as follows: Environmental Empact Assessment (EIA) Study for the Establishment of Urban Agricultural Activities on Extension 5 in Karlibb, Enongo Region Proponent: Carlibio Town Council Environmental Impact Assessment (EIA) Study for Sand minimum of Council Environmental Impact Assessment (EIA) Study for Sand minimum Authorities and the Municipality Burrow Pits in Otjiwarongo.

Otjozandjupa Region Proponent: Municipality of

Notices • Legal •

- jiwarongo Environmental Impaci sessment (EIA) Study for the Oxidation Ponds and Sewage Treat ant n Eenhana Town, Changwen
 - Region Proponent: Eenhana Town Coun
 - Proponent: Eenhana Town Council
 Erwironmental Impact Assessment
 (EIA) Shudy: for the Solid Waste
 Dumping Site in Onlipa Town,
 Oshana Region
 Proponent: Onlipa Town Council
 Development of the Environmental
 Management Plan (EMP) for the
- Management Plan (EMP) for the Exiating Dumping Site in Witviel Village, Omaheke Region Proponent: Witviel Village Council Development of the Environmental Management Plan (EMP) for the Existing Oxidation Ponds in Divu
- Existing Oxidation Ponds in Divundu, Kavango East Region Proponent: Divundu Village Council Development of the Environmental Management Plan (EMP) for the Existing Dumping Site in Rundu Town, Kavango East Region
- Proponent: Rundu Town Counci Development of the Environmental Management Plan (EMP) for the Existing Oxidation Ponds in Ruse:
- Town, Omusati Region Proponent: Ruscans Town Council
- Development of the Environmental Management Plan (EMP) for the Existing ELCIN Cemetery in Omuthi-ya, Oshana Region Proponent: Omuthiya Town Counci
- Development of the Environmental Management Plan (EMP) for the Existing Dumping Site in Rehoboth Town, Hardap Region

Development of the Environmental Management Plan (EMP) for the

- Management Plan (EMP) for the Proponent: Lodentz Town Council Furthermore, the Public is Invited to register as interested and Affect-ed Parties (BAPs) to comment or request further information on the respective EIA Studies. Registration requests and comments (with the relevant Local Authority / Proponent's Name) should be directed to the contact details provided hereto and submitted before end of the day on Friday, 27 May 2022. Public Consultation Meetings for the EIA Studies will be held in the respective Fowns and the details
- respective Towns and the details will be communicated in due course. Contact Person Ms. Fredrika Shagama Email 1: fshagama@edsnamibla.com OR Email 2: public@edsnamiblia.com Delphone
 No.: +284 (0) 81 259 530
 CXLA220001888

• Legal •

PUBLIC NOTIFICATION AND INVITATION APPLICATION FOR AN ENVIRONMENTAL CLEARANCE CERTIFICATE FOR THE PROPOSED EXPLICATION AND MINING ACTIVITIES FOR BASE & RARE METALS, DIMENSION STONES, INDUSTRIAL MINIERALS AND PRECIOUS METALS OR EPICE 2029 IN KARAS EGION, NIC Enviro Consultancy hardby owes notice in terms of the Environmental Consultancy hardby owes notice in terms of the Environmental Consultancy hardby over notice in terms of the Environmental Consultancy hardby over notice in terms of the Environmental Consultancy hardby over notice in terms of the Environmental Consultancy hardby over notice in terms of the Environmental Consultancy hardby over notice in terms of the Environmental Consultancy hardby over notice in terms of the Environmental Consultancy hardby over the Consu ALS ON EPI, 8239 IN KANAS RE-GION, NK Erné Consultancy hereby gives notice in terms of the Environ-mental Management Act (At N. 7 of 2007) and its Regulations of 2012 for the above proposed exploration and mining activities on EPI, 8239 in Karas Region. Location of the Project Area: Approximately 50km from Warmbad in Karas Region. The Proponent has ap-pointed NK Enviro Consultancy to con-duct as Environmental Assessment to support the application for an Environmental Clearance Certificate for the proposed exploration and inning activities. Public Consultation Meeting will be held as below: Date: 12 May 2022 Venue: Rebecka Dieta Community Hall in Warmbad-Time: Official

Time: 09h30
Comments and Queries:
All Interested and Affected Parties
(8&Ps) are hereby invited to register
and submit comments in writing to the below email address by requesting the Background Information Document (BID) no later than 20 May 2022.
Email address: riverviro.consultancy@gmail.com

gmail.com Cell: 081 209 7875

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- Announcements Birthday Wishes Reunions Graduations Special Messages Thank You Messages Valentine's Messages

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- Education & Training
- 2610 Education & Training
- Employment
- 2710 Wanted 2720 Offered
- Food & Beverage

3210 Food & Beverages

- Health & Beauty
- 3910 Health & Beauty

Hospitalify

4010 Hospitality (See also Travel & Tourism')

Housing & Property

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- In Memoriam Tombstone Unveiling Death & Funeral Notices
- 6030 Condolences 1270 Thank you messages

Travel & Tourism

7800 Travel & Tourism

Rates and Deadlines

• Opportunities •

Do you urgently need cash? Park your car and get up to 45% of it's value! Cash in your account in 30 min! No payslip, no bank statement, just the carl Auto cash 061400676

CLA0220001173

Education & Training

• Education & Training •

- CAMBRIDGE IGCSE & A LEVEL REGISTRATIONS.
- For students who want to improve Cembridge IGCSE or old NSSCO Grade 12 subjects.
 Students who want to do.
- Cambridge IGCSE or old NSSCO Grade 12 subjects.

 Students who want to do
 Cambridge ISSCE for the first time.

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 Students who have a C symbol in IGCSE subject can do Cambridge
 A-level with us.

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 Cistance classes.

 New NSSCO Grade 11
 recistrations have closed.
- registrations have closed.
 Amethyst Smart Brains Academ
 Registered with Ministry of
 Education. 7325 Rhino street,
 opposite Rhino Park Veterinary
 Clinio. 0815831999 or 061233721.

Employment

• Offered • Sanli Construction CC is looking for a Civil Engineer

- Technician
 Requirements:
 Diploma in Civil Engine
 Driver's license
- Diploma in Civil Engineering
 Driver's license
 At least 2 years experience
 Email CV's to:
- CLA0220001847

 Namibia Angel Investments
 is looking for a Alr-con Technical to work in Windhoek
 Requirements
 Certificate in Aircon Techcial
 Able to work under pressure
 Able to read Chinese
 No police records
 Please

- angelwater1996@gmail.com CLAO220001849
- Looking for a bar lady to work in Windhoek must be an Oshi-wambo speaking lady. Contact: 0814818188

CLA0220001851

OKAKU KANANGULA

- PRIVATE SCHOOL
 Vacant Posts for 2023
 1. Pre-Primary Class To
 CECO from NAMCOL, or better x1 2. Junior Primary
- oeu or form revinculor or better x1 2. Junior Primary Teacher with Oshindonga/Afrikaans (Grade-13; with BETD or equivalent x3 Requirements: < Written application, CV and certified copies of recent teatimonials, qualifications & ID < Valid working permit for Expatriates/Foreign teachers < Proficiency in Afrikaanse < Proficiency in Afrikaanse Oshindonga and English an added advantage Only short listed candidates will be called for interviews Foreward application to: The School Administrator, POBOX 1666, Ondangwa OR Hand deliver at Civaliu Kanangula Phwate School, eff. (1), Oshakati East/ Contact/0814200747

 CLA/02/20101853

Goods • Auction •

magri presents a Close Dow ction, Farm Hochfels no.28 , Farm Hochfels no.286 ek Saturday 7 May 2022 10h00.Visit www ebook 0811286821

CLAO220001576

Housing & Property

• Wanted •

• Offered •

FOR 2022 C INIMUM REQUIREMENTS BETD or Bachelor's Degree in

- Education

 2. Management Degree will be an added advantage

 3. Have minimum of ten years teac

- academic resums
 4. Copy of citizenship/residential
 status PREFERENCES WILL
 BE GIVEN TO NAMIBIAN CITIZENS
 OR PERMANENT RESIDENTS
- OR PERMANENT RESIDENTS inquiries: Epidras Shillombuelwa Po, box 3338 Orgweddva Tei: 056 / 231067 / 0812033189 0813918439 E-mail: Iberty.heritagel yahoo.com Physical Address; Ef 4872, Valombola, Ongweddva Closing Date 29 April 2022

• For Sale •



- 4 Shelving & Racking Systems
- Mezzanine Floors
- ♦ Trolleys &
- Pallet Jacks
- Supermarket Accessories
- · Stationary
- Cupboards &
- Lockers School Furniture
- · White Boards
- · Pinning Boards
- Industrial Handrellin

Contact: Office 061-309 818

76 Nickel Street Prosperita Email: peters@

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es to sell/buy in Katutura Pri v. N\$ 1 200 000 cost include

CLAO220001753

Housing & Property • For Sale •

OTJOMUISE: Spacious, neat 3 droom house, bathroom, kitchen, unge. BIC in all rooms, Beautiful ready to move in family house. N\$1,150,000. Call +264 81 251 9820

CLA022

• For Sale •



FURNITURE AUCTION

Date: 23 APRIL 2022 Registration: 09h00 Registration: 09h00 Auction: 10h00 able Deposit: N\$1000.00 Co 31 INDEPENDENCE A

FURNITURE ON AUCTION FRIDGES & FREEZERS FRIDGES & FREEZERS
MEDICAL EQUIPMENT
KITCHEN APPLIANCES
DISHWASHERS
MICROWAVES / OVENS
LIVING / DINING SETS
BEDS & MATRASSES
WASHING MACHINES
OFFICE FURNITURE
ELECTRONICS ELECTRONICS CELL PHONES LAPTOPS / TABLETS OUTDOOR GADGETS ARDENING EQUIPMEN

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Housing & Property

• For Sale • Osona Village Development Phase 9, Featuring 2 bedroon 3 bedrooms double storey ho bedrooms double storey houses Defy island cooker hood complete

- with built-in stove
 150 litre solar geyaer (2 bedrooms)
 200 litre solar geyaer (3 bedrooms)
 built-in cupboards in all bedrooms
 prepaid delactricity meter
 prepaid vater meter
 reof insulation
 Free curtain rods for hanging
 untains th built-in stove

- Free basilion
 Free hanging line
 maintenance for 1 year Front yard fully int oundary wall with pedestri in and vehicle manual gates NB: We pay good referral commis-sion to the public and Agents are
- so welcome, ontact Rachel on 0818140941 or sit us at Osona Village every

rday for viewing. CLA0220000727

• Legal •

IN THE HIGH COURT OF NAMIBIA

- owing: 300DS 1x FRIDGE x MICROWAVE x LOUNGE SUIT x COFFEE TABLE
- x TV STAND x FLAT SCREEN TV x PIANO ON STAND 1x LG FRIDGE
 1x LAPTOP COMPUTOR
 2x DOUBLE BEDS CONDITIONS OF
 SALE: 1. The sale will be hald without
 reserve and goods will be sold to the
 highest bidder. 2. The goods will be
 sold "voetstoots". 3. Payment shall
 be made in Cash or Electronic Plund
 Transfers (EFT) to be done on the
 day of the autorion, If EFT is done
 proof of payment shall be provided to
 the Deputy Sharift, DATED AT WIND-

the Deputy Sheriff, DATED AT WIND-HOEK THIS day of APRIL 2022, AN

• Legal • GULACO, INCORPORATED LEGAL

GULACO, INCORPORATED LEGAL
PRACTITIONER FOR EXECUTION
CREDITOR UNIT 112 EF BLOCK
C, FIRST FLOOR MAERIUA PARK,
CENTAURUS ROAD WINDHOEK
(REF: DEB1419/EPH)
CLAO220001846

MINISTRY OF TRADE & INDUSTRY

MINISTRY OF TRADE & INDUSTRY
MINISTRY OF TRADE & INDUSTRY
MINISTRY OF TRADE & NOTICE OF
APPLICATION TO A COMMITTEE
TERMS OF THE LIQUOR ACT 1998
(regulations 14, 28 & 33) Notice is
given that an application in terms of
which appear below, will be made
to the Regional Liquor Licensing
Committee, Region: OMUSATI
1. Name and postal address of
applicant: ERKKI KANYABA / POJ.
BOX 747, OSHAKATI 2. Name of
business or proposed business to
which application relates: CMMKA
BAR- QUESTHOUSE 3. Address
/ location of premises to which
application relates: OMAKA
BAR- QUESTHOUSE 3. Address
/ location of premises to which
application may be completed to the
court with whom application will be
lodged: OUTAPI 6. Date on which
application will be lodged: 18 - 29
APRIL 2022-7. Date of meeting of
committee at which application
will be heard: 38 JUNE 2022. Any
objection or written submission in
terms of section 28 of the Act in
relation to the application must be
sent or delivered to the Secretary of
the Committee at 2 days before the date
of the meeting of the Committee at
which the application mittee the reach the Secretary
to tless than 21 days before the date
of the meeting of the Committee at
which the application will be heard.
CLAC/220001855

NOTICE OF ENVIRONMENTAL IM-

NOTICE OF ENVIRONMENTAL IM-NOTICE OF ENVIRONMENTAL IM-PACT ASSESSMENT (EIA): ENVI-ROMMENTAL CLEARANCE CER-TIFICATE FOR THE PROPOSED PROSPECTING & EXPLORATION ACTIVITIES ON THE EXCLUSIVE PROSPECTING LICENSES (EPLS) No. 7168, 7181, 7202, 7675, 7676, 7781 AND TYPA LOCATED HAS GROOTFONTEIN, OTJOZOND-JUPA REGION Under the Environ-mental Management Act. No. 7 2007 and its 2012 EIA Regulations, the proposed prospecting & ex-2007 and its 2012 EIA Regulations, the proposed prospecting & exploration activities on the EPLa No. 7168, 7181, 7324, 7675, 7767, 7781 and 7794 require an Environmental Clearance Certificate (EOC) from the Department of Environmental Commenta in the public is hereby notified, that an application for an EOC will be submitted to the Environmental Commentation.

Commissioner. Brief Project Description: The proposed prospecting and exploration activities (the project) on Exclusive Prospecting, Licenses (EPLs) No. 7166, 7181, 7324, 7875, 7876, 7781 and 7794. Upon Issuance of the ECC, the project activities will entail non-invasive (mapping and surface surveying), and invasive techniques. (exploration trenching and drilling). The project activities are alimed to explore for Base and Rara Metals and Precious Metals only. Proponent: Resource Five Hundred Namibla (Pty) Ltd. Environmental Consultant: Excel Dynamic Solutions (Pty) Ltd. Environmental Consultant: Excel Dynamic Solutions (Pty) Ltd. Members of the public are invited to register as interested and Affect-ed Parties (RAPs) to comment/raise concerns or receive further information on the Environmental Assessment process. A Public Consultation on the Environmental Assessment process. A Public Consultation Meeting will be held. Howening and Venue will be a communicated with all the registered interested and Affactal Parties (RAPs) in due and Affactal Parties (RAPs) in due

and Venue will be communicated with all the registered interested and Affected Parties (I&APs) in due course. Registration, requests—and comments should be forwarded to Excel Dynamic Solutions (Pky) Ltd on the contact details below, before or on 28 April (2022. Mr. Mandume Leonard / Mr. Silas David Email: public@defsnamble com/fat:

+ 264 61 259 530 CLAO220001789

IN THE HIGH COURT OF NAMIBIA CASE NO: HC-MD-CIV-ACT-CON-2016/04149 In the matter be-tween DEVELOPMENT BANK OF NAMIBIA LTD Execution Creditor/ Plaintiff and SKY SPORTS ENTER

• Legal •

PRISES CC 1ST Execution Debtor/
Defendant ELIPHAS SIMON 2ND/Exscution Debtor/Defendant DULINAI
HERMAN SIMON 3RD Execution
Debtor/Defendant DULINAI
HERMAN SIMON 3RD Execution
Debtor/Defendant TUVOYE HENDRINA NDAHAFA SIMON 4th
Execution Tebtor/Defendant NOTIGO
TIMON/DEFENDERTY In Execution of a Judgment of the above
Henociruble Coyu in the above mentioned suit, a
sale will be held on TUESDAY 10TH
of MAY 2022 at 09HD0 at premises of, Et 2500, Extension no 13, Kastuura,
Windhoek, of the undermentioned
immovable property of the Defendant:

dant:
CERTAIN-ERF 2500 (EXTENSION NO
13) KATUTURA
STILATE-in the Municipality of
WINDHOEK, registration. Division
"KY. Khomas Region
MEASURING-271 square
metres HELD:by
Dead of Transfer No. 74946/2001
DESCRIPTION: the following improvements are on the property
(although nothing in this respect is
guaranteed). The building complete
of – Kitchen Louinge, 4 x Bedrooms 2
x Bathnooms, Shrower, Outside Toiley
Shower. The property shall be soid
by the Deputy Sheriff of WINDHOEK
Shower. The property shall be soid
by the Deputy Sheriff of WINDHOEK
subject to the Conditions of Sale
that may be inspected at the Offices
of the Deputy Sheriff to the highest
bidder on the auction with a reserve
price of NS446 000,00. 1046 of the
purphase price to be paid in cash
on the date of the sale, the balance
to be paid against transfer, to be secured by a Bank or Building Society
or other acceptable guarantes to be
furnished to the Deputy Sheriff within
14 (Gustered) days after the dark
of the day of the sale, but may be inspected at any time prior to the sale
to read out by the Deputy Sheriff or
the day of the sale, but may be inspected at any time prior to the sale
to read out by the Deputy Sheriff or
the day of the sale, but may be inspected at any time prior to the
add the plantiff's attending of the Plantiff's
atthe office of
the Plantiff's attorneys for Plantiff
22022. ENGLING STRITTER &
PARTINERS Attorneys for Plaintiff
12 Lows Street WINDHOEK.

CLAO220000484

NOTICE

Deatiny herewith intends to apply to the Swakopmund Municipal Council for a Place of Amusement, to operate a "Bar" on the premises of Ef 3738 Mondeas Extension 8, c/o Waterberg & Estoff Tipsondjo Street as provided for in terms of Clause 6 of the Swakopmund Zoning Schems. Cetalls of which are obtainable from the General Manager: Engineering & Planning Services. Any person having any objection against such application should lodge such objection/s in writing and within 14 days of the last publication to the Swakopmund Municipality and the applicant, during normal business hours. Clearing date for objections or comments is: 16th May 2022. Contact Person: Mr M. Cotzec, Cell: 081 170 2160, Email: vt.swakop@ gmail.com or Mr. J. Heitz (Manager: Town Planning) Tel: +284 (84) 4104403.

CLAC220001880

CLAC220001880

NOTIFICATION AND CALL FOR NOTIFICATION AND CALL FOR PUBLIC PARTICIPATION: ENVIRONMENTAL IMPACT ASSESSMENT (EIA) STUDIES FOR PROPOSEO NEW FACILITIES NO
ENVIRONMENTAL MANAGEMENT PLANS
(EMPa) FOR EXISTING FACILITIES FOR 12 LOCAL AUTHORITIES
IN NAMIBIA EXCEL DYNAMIC SOIL-[EMPa] FOR EXISTING FACILITIES IN MAMIBIA Excel Dynamic Solutions (Fty) Ltd (EOS) recoprized this knowledge ago on Environmental Impact Assessment (EIA) and Management in most, if not all Environmental Health Officers (EHOs) in Local Authorities (Municipatilies, Town & Villages Councils) of Namibia. Subsequently, EDS organized a Free, Hands-on 2-day IEA Training National Hands-on 2-day IEA Training National Hands-on 2-day IEA Training In Villages Councils from the 25 to 25 November 2021 in Villages. The Training was aimed at giving ex-posure to the Municipal, Town & Vil-lage Councils' EHOs on the environ-mental impact assessment process

• Legal •

development, waste management, urban geology, Integrated water resource management and sustainability. Upon completion of the Training, the EHOs and representatives of the Local Authorities shared with EDS some of their existing facilities or planned projects that are listed activities in the Environmental Management Act (EMA). No. 7 of 2007 and its 2012 EIA Regulations requiring Environmental Clearance Certificates (ECOs): EDS then offered to assistivery represented Local Authority with one project of their choice each (new or existing to obtain ap ECO at no cost to the Local Authority with one project of their choice each (new or existing to obtain ap ECO at no cost to the Local Authority with one project of their choice each (new or existing to obtain ap ECO at no cost to the Environmental Commissioner as per the ENA No. 7 of 2007 and its 2012 EIA Regulations. The Projects (existing and new) for which the Environmental Clearance Certificiates will be applied for and their Proponents (Local Authorities that responded to accept the offer) are as follows: Environmental Impact Assessment (EIA) Study for the Establishment & Operation of a new Cametery in Cranjemund, (Karas Region) Proponent Karibib Town Council Environmental Impact Assessment (EIA) Study for Sand mining Activities in the Municipality Burowy Pits in Otjiwarongo, Otjiwarongo Environmental Impact Assessment (EIA) Study for Sand mining Activities in the Municipality Burowy Pits in Otjiwarongo, Cityanongo, Otjiwarongo Environmental Impact Assessment (EIA) Study for Sand mining Activities and Sewage Freatment Plant in Enhana Town, Ohangwena Region

dation Ponds and Sewage Treatment Plant in Einhana Town, Ohangwena Region Proponent: Eerhana Town Council Environmental Impact Assessment (EIA) Study for the Solid Waste Dumping Site in Onlipia Town, Oshana Region Proponent Ordipa Town, Oshana Region Proponent Ordipa Town Council Development of the Environmental Management Plan (EMP) for the Eviating Dumping Site in Witviel Village, Omahake Region Proponent Witviel Village Council Development of the Environmental Management Plan (EMP) for the Eviating Oxidation Ponds in Divundu, Kavango East Region Proponent Divundu Village Council Development of the Environmental Management Plan (EMP) for the Eviating Oxidation Ponds in Ruscana Town, Cavango East Region Proponent Rundu Town Council Development of the Environmental Management Plan (EMP) for the Existing Oxidation Ponds in Ruscana Town, Omusati Region Proponent Ruscana Town Council Development of the Environmental Management Plan (EMP) for the Existing Oxidation Ponds in Ruscana Town, Omusati Region Proponent Ruscana Town Council Development of the Environmental Management Plan (EMP) for the Existing Oxidation Ponds in Ruscana Town Council Development of the Environmental Management Plan (EMP) for the Existing Calcin Corentry in Omuthlya, Oshana Region Proponent Counthlya Town Council

Management Plan (EMP) for the Existing ELOIN Cemetery in Omxthiya, Oshana Region Proponent Omuthiya Town Council Development of the Environmental Management Plan (EMP) for the Existing Dumping Site in Rehboth Town, Hardap Region Proponent Rehboth Town Council Development of the Environmental Management Plan (EMP) for the Existing Effluent Treatment Plant in Lüderitz, //Karas Region Proponent Existing Effluent Treatment Plant in Lüderitz, //Karas Region Proponent Existing Effluent Treatment Plant in Lüderitz, //Karas Region Proponent Lüderitz Town Council Furthermore, the Public is Invited to register as interested and Affected Parties (ISAPa) to comment or request further information on the respective EIA Studies. Registration requests and comments (with the refevent Local Authority / Proponents Name) should be directed to the contact details provided hereto and submitted before end of the day on Friday, 27 May 2022.
Public Consultation Meetings for the EIA Studies will be held in the respective Towns and the details will be communicated in the course. Contact Person: Ms. Fredrika Shapama Email 1: fishagama@edanamibia.com OR Email 2: public@edsnamibia.com OR Email 2: public@eds

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Otjiwarongo Municipality's Existing Gravel Borrow Pits

1. Public Consultation

-A Consultation meeting was scheduled for Thursday, 07 July 2022 at 09h30 at the Municipality Lecture Hall. Public notices with details for the consultation meeting were placed at strategic locations in the Town (as per section 2 below). However, none of the community members or residents turned up for the meeting. The only people turned up for the meeting were the EDS Consultants and personnel from the Municipality. A trip was taken to the site by EDS and Municipal personnel for the assessment.

2. Public notices: The A4 and A3 notices (posters) were placed at the Municipality notice board and front door, Otjozondjupa Regional Council, Spar Complex in Otjiwarongo as shown below.



