



REPUBLIC OF NAMIBIA

MINISTRY OF ENVIRONMENT AND TOURISM

Tel: +264 61 284 2111  
Fax: +264 61 229 936

Department of Environmental Affairs

Cnr of Robert Mugabe & D  
Kenneth Kaunda Street  
Private Bag 13306, Windh

PRO FORMA ENVIRONMENTAL CONTRACT FOR SAND MINING

Village/town	Region	Constituency
Otjiwarongo	Otjozondjupa	Otjiwarongo

Environmental Management Act, 2007 (Section 32)

**NB: All questions are mandatory and thus must be fully completed, and all proposed sites must be 100 metres away from infrastructure / built-up area**

Affix Revenue stamps here

PART 1 A: DETAILS OF APPLICANT

1. Name (person or business):	Municipality of Otjiwarongo
2. Business registration/ identity no.	N/A
3. Correspondence address:	Private Bag 2209, Otjiwarongo
4. Name of contact person:	Mr. Timothy Ggita
5. Position of contact person:	Deputy Town Engineer
6. Telephone or cell phone number:	+264 67 302 231
7. Fax number:	+264 67 302 098
8. Email address:	timothy@otjimun.org.na

**NB:** The completion of this questionnaire is a requirement under Section 20(1) of the Environmental Management Act no. 07 of 2007. Therefore it must be filled in as truthfully and reliably as possible. It must be noted here that the proponent is accountable for any wrong and misleading information that may be provided in this questionnaire. From this perspective, any person who completes this questionnaire must read and sign the declaration on the last page of this questionnaire.

I hereby certify that the particulars given above are correct and true to the best of my knowledge and belief. I understand that the environmental clearance certificate may be suspended, amended or cancelled if any information given above is false, misleading, wrong and incomplete.

Signature of applicant

MOSES MATIYAYI

Full name in block  
letters

CEO

Position

on behalf of

Municipality of Otjiwarongo

26/07/2023

Date

**PART 1 B: DRAW PLAN OF THE PROPOSED SITE INDICATING SURROUNDING FEATURES:**

Please refer to the different maps pertaining to the project site in the Comprehensive Environmental Management Plan (EMP) accompanying this Form.

**NB:** The Plan must include (*Alternatively attach a map of the site*)

- Latitude and longitude of the area
- Thematic map for land uses in proximity of the proposed site (and the surrounding 1 km)
- Water bodies such as rivers, lakes, ponds etc.
- Any forest area, natural reserve and game reserve etc.

*Note: The name of each area on map must be provided*

**PART 2 A: CONSENT BY VILLAGE HEADMEN, TRADITIONAL AUTHORITY OR PRIVATE FREEHOLDER**

**For Village Headman**

1. Name of TA headman/freeholder: N/A
2. Postal address: N/A
3. Telephone or Mobile no.: N/A
4. Email address (if applicable): N/A

**For Traditional Authority or Freeholder**

1. Name of TA headman/freeholder: N/A
2. Postal address: N/A
3. Telephone or Mobile no.: N/A
4. Email address (if applicable): N/A

**Comment and recommendation by the traditional authority /private freeholder (landowner)**

N/A

Stamp and signature of representative: \_\_\_\_\_ Date: \_\_\_\_\_



**PART 2 B: CONSENT BY REGIONAL COUNCIL OR LOCAL AUTHORITY**

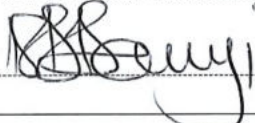
**For regional council or local authority represented by Chief Regional Officer (CRO) or Chief Executive Officer (CEO)**

1. Name of ~~CRO~~/CEO: Mr. Moses Matyayi
2. Postal address: Private Bag 2209, Otjiwarongo
3. Telephone or Mobile no: +264 67 302 321
4. Email address (if applicable): secretary@otjimun.org.na OR mmatyayi@Otjimun.org.na

**Comment and recommendation by the Chief Regional Officer or Chief Executive Officer**

.....

.....

Stamp and signature of representative:  Date: 26/07/2023

**NB: The completion of this questionnaire does not revoke provision 33 of the Environmental Management Act No. 7 of 2007 for the Environmental Commissioner to decide whether an activity requires an assessment but complements the process. Therefore a full environmental impact assessment (EIA) process may be required depending on the magnitude of the proposed project.**

**PART 3: GENERAL DESCRIPTION OF THE PROJECT**

Please tick the appropriate answer with an (✓).

**1. General information:**

Name of the site:	Existing Gravel Mining Borrow Pits in Otjiwarongo Extension 10, Otjozondjupa Region
Size of the site (hectares):	7
Tenure of operation (years):	Unknown
Expected cost of the project:	N\$ 2.5 Million

**2. Sourcing of sand:**

Activity site	Yes	No
River/floodplain		✓
Lake/reservoir		✓
Agricultural land		✓
Seaside/Watercourse		✓
Homestead/crop fields		✓
Others, please specify: Open Townland		



3. What is: (a) the intended use of sand and (b) the scale and volume of proposed sand mining:

Intended use of sand	Tick mark (✓)
Household-building activities	✓
Commercial housing construction	✓
Commercial road construction	
Commercial bulk sale	✓
Others	

Scale and total volume of proposed sand mining (Unit)	Tick mark (✓)
<100 m <sup>3</sup>	
100–500 m <sup>3</sup>	
500–1000 m <sup>3</sup>	✓
>1000 m <sup>3</sup>	

**4. Location sensitivity details**

(a) Is the proposed activity site near/in the following installations?

Important installations	Yes/no	Name	Distance (m)
Public utility (i.e. schools, colleges, hospitals, picnic spots, bridges etc.)	No		
Tourist site / worship area / graveyard	No		
Governmental installations (e.g. police stations, government, building, defense installations, etc.)	No		
Protected area	No		
Any other installation nearby? Please specify:			

**Note:** Sustainable sand mining guidelines state that the proposed area should be away from these important installations. Guidelines also specify certain distances as per the sensitivity of the area.

**Remarks if any:**

(b) Land use pattern of site lease

Land type	Area (hectare)
- Private land	
- Government land	
- Other (specify)	Townland (7 Ha)
- Total	



(c) Is the project likely to affect local community member(s)?

Yes

No

(d) If the answer is yes, does the proposed project involve people relocation?

Yes

No

(e) If the answer is yes

Number of affected people

Types of compensation

(f) Was compensation provided to affected people?

Yes

N/A

No

If the answer is yes, describe the compensation and other amenities provided.

Section 44 of Environmental Management Act No. 7 of 2007, and Sub-Regulation 21 provide guidance on consultative procedures and methods that must be followed during the environmental assessment process for listed activities. This is necessary to allow the public (Interested and Affected Parties) to give input on how best to avoid and/or mitigate potentially negatives impacts.

**5. Public consultations:**

(a) Were public consultations held?

Yes

No

If the answer is yes, please attach proof with the application. Please refer to the Comprehensive EMP (Appendix B)

If the answer is no, please refer to the EMA Regulation 21—conduct and attach proof. See Above.

(b) Are the project concept note and/or activities shared with members of the community?

Yes

No

Please refer to the Comprehensive EMP –

If the answer is yes, provide a copy of the concept note. Appendix B.

If the answer is no, please consult community and attach proof

(c) Are there any other mines located adjacent to the proposed project site?

Yes

No

If the answer is yes, provide the name and type of the mines within a radius of 1 km.

(c) Attach a No Objection Certificate from the concerned authority with the application  
Please refer to the Letter attached as Appendix C (Comprehensive EMP)



(d) Is there complaint of air and water pollution due to existing mines near the proposed site?

Unknown to the Municipality.

Yes

No

(e) Will the project affect the local drainage or drainage pattern? Slightly

Yes

No

If the answer is yes, describe the number of natural drains likely to be impacted and whether the project proponent has taken any initiatives to avoid/minimize impacts. Give details of such initiatives.

Management mitigation measures for minimizing stormwater have been provided in the EMP.

### 6. Local biodiversity

(a) Does the site preparation require clearing of vegetation (including cutting of trees? Slightly.

Yes

No

If the answer is yes, please furnish the following details?

1. Description the type of vegetation and number of species to be affected:

The site is covered by thick grass cover during rainy season and some sparsely distributed shrubs of Camelthorns (Acacia/Vachellia reficiens and erioloba).

2. Number of trees proposed to be cut:

Unknown, but not minimum.

(b) Are these species categorized as protected/endemic/endangered/threatened species?

Yes

No

If the answer is yes, provide details

Protected. The shrubs of Camelthorn species.

(c) Does the proposed project impact local fauna? Yes

Slightly

No

(d) If the answer is yes, will it impact protected/endemic/endangered/threatened species? Slightly

Yes

No

If yes, provide details

e) Soil type and characteristics, tick appropriate: provide description;

Sand

Clay

Loam

Other, please

Gravel

(b) Will the project use **blasting / explosives** Yes  No

If the answer is yes, has the proponent obtained the permit / licence from an authorized body? If yes, attach a copy of the permit / licence with the application. N/A

(c) **Water**

Source of water

Quantity of water used (m<sup>3</sup> / day)

(d) **Employment:**

- Total employment potential from proposed mine: Not confirmed but 5 to 10 people will be stationed.

- Types of employment: Contract  Daily wage  Permanent   
(For site upgrading) (For mining operations)

(e) **Fuel requirement**

Quantity of fuel (litre/day): Unknown.

If fuel is stored at site, describe the safeguard measures that would be undertaken

No fuel will be stored on site but please refer to the Comprehensive EMP on the mitigation of accidental leaks and spills.

**9. Road construction:**

(a) Describe the road connectivity from the proposed site.

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

(b) Will proposed site require construction of new roads?

Yes  No

If the answer is yes,  
Length of the road (km)

Type of road constructed

Number of trees to be cut during the construction



**PART 5: ENVIRONMENTAL MANAGEMENT PLAN**

Sand mining is a listed activity as per the Environmental Management Act No. 7 of 2007 and it may not be undertaken without a valid Environmental Clearance Certificate. Therefore, it is recommended that an Environmental Management Plan section of this application is completed or a detailed separate EMP submitted.

**ENVIRONMENTAL CONSERVATION**

<b>Conservation of flora (including cultivated crop fields, riverine ecosystems and River flow Regime)</b>	<b>Proposed mitigation measures for conservation of flora</b>
	Please refer to the Comprehensive EMP for the mitigation measures (Chapter 6)
<b>Conservation of fauna (including wildlife and livestock)</b>	<b>Proposed mitigation measure for conservation of fauna</b>
	Please refer to the Comprehensive EMP for the mitigation measures (Chapter 6)
<b>Rehabilitation of mined site (including borrow pits, tracks and roads)</b>	<b>Proposed measure for rehabilitation and resettlement</b>
	Please refer to the Comprehensive EMP for the rehabilitation measures (Chapter 7 and 8)

**ENVIRONMENT PROTECTION**

<b>Air pollution</b>	<b>Proposed mitigation measures for air pollution / dust control</b>
	Please refer to the Comprehensive EMP for the mitigation measures (Chapter 6)
<b>Protection of water resources</b>	<b>Proposed mitigation measures for water-pollution control and prevention and for conservation of water resources</b>
	Please refer to the Comprehensive EMP for the mitigation measures (Chapter 6)
<b>Noise</b>	<b>Proposed mitigation measures for noise</b>
	Please refer to the Comprehensive EMP for the mitigation measures (Chapter 6)



**ENVIRONMENT PROTECTION Continues.**

<b>Health and safety of workers</b>	<b>Proposed measures for safety and health</b>
	Please refer to the Comprehensive EMP for the mitigation measures (Chapter 6)
<b>Protection of archaeological and cultural site, if any</b>	<b>Proposed measures for protection of archaeological sites and cultural heritage of the project-affected area</b>
	Please refer to the Comprehensive EMP for the mitigation measures (Chapter 6)
<b>Waste management (i.e. general, mine and hazardous wastes)</b>	<b>Proposed measures for waste minimization and disposal</b>
	Please refer to the Comprehensive EMP for the mitigation measures (Chapter 6)
<b>Amenities to workers</b>	<b>Details amenities proposed</b>
	Please refer to the Comprehensive EMP (Chapter 2)

**EMP MONITORING, SITE CLOSURE AND DECOMMISSIONING**

EMP implementation records and reporting (attach record sheet)	Please refer to the Comprehensive EMP.
Financial provisions for rehabilitation, site closure and decommissioning	Please refer to the Comprehensive EMP.
Compensation measure and guidelines (with reference to relevant governing laws)	The Municipality will make provision for compensation, when and where possible in accordance with the respective legal framework.

**PART 6: OBLIGATIONS AND COMPLIANCE**

The proponent recognises that its sand mining operations may have significant impacts on the environment. Accordingly the proponent undertakes that during the course of its operations it will take every practicable step necessary to ensure the mitigation of such impacts. In doing so it will comply with the obligations identified in the EMP and approved by the Ministry of Environment and Tourism represented by the Environmental Commissioner.

SIGNED AT Ojwambo on this 20<sup>th</sup> day of July 2023

For the proponent: [Signature]  
(duly authorised thereto)

For the Government of Namibia: \_\_\_\_\_  
Mr. T. Nghitila  
Environmental Commissioner  
Ministry of Environment and Tourism