



REPUBLIC OF NAMIBIA

MINISTRY OF ENVIRONMENT AND TOURISM

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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
Okatope	Ohangwena	Ohangwena

Environmental Management Act, 2007 (Section 32)

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



PART 1 A: DETAILS OF APPLICANT

1. Name (person or business): Oukwanyama traditional Authority

2. Business registration/identity no. No 1828

3. Correspondence address: Gnandova - Oukwanyama

4. Name of contact person: Elias Kashidinge Waandja

5. Position of contact person: Chair person of Oukwanyama Traditional Authority

6. Telephone or cell phone number: 0812522834

7. Fax number: N/A

8. Email address: oukwanyama21@gmail.com

**Stamp: OKUWANYAMA TRADITIONAL AUTHORITY, ELELOUKWANYAMA, 30 JUN 2025, P.O. BOX 444, OHANGWENA, TEL/FAX: 065-260684, REPUBLIC OF NAMIBIA**

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] Elias Waandja Chair person

Signature of applicant Full name in block Position

on behalf of x Oukwanyama Traditional Authority Chair person



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

*See attached map*

**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:

*Frieda Shikudule*

2. Postal address:

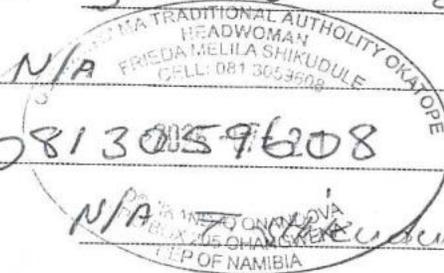
*N/A*

3. Telephone or Mobile no.:

*08130159608*

4. Email address (if applicable):

*N/A*



**For Traditional Authority or Freeholder**

1. Name of TA headman/freeholder:

*Oukwanyama Traditional (OTA)*

2. Postal address:

*P.O. Box 444 Ohangwena*

3. Telephone or Mobile no.:

*0812522834*

4. Email address (if applicable):

*oukwanyama21@gmail.com*



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

*Ohatope borrow pit has been recommended for sand mining*

Stamp and signature of representative:

*[Signature]*

Date:

*30 JUN 2025*



**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: Phillipus H. Shilongo

2. Postal address: P/Bag 88011, Erubana

3. Telephone or Mobile no: 065-264306 / 0811242626

4. Email address (if applicable): shshilongo@ohangwenaarc.gov.na

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

Recommended for approval.



Stamp and signature of representative: [Signature]

Date: 2/10/2015

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:	<u>Okatope sand mining</u>
Size of the site (hectares):	<u>five hectares (5)</u>
Tenure of operation (years):	<u>3 years</u>
Expected cost of the project:	<u>N/A</u>

**2. Sourcing of sand:**

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

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:

N/A

**(b) Land use pattern of site lease**

Land type	Area (hectare)
- Private land	
- Government land	
- Other (specify)	5 hectares owned by the Traditional authority.
- 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

No

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

N/A

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.

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

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

Yes

No

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

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.

N/A

(c) Attach a No Objection Certificate from the concerned authority with the application

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

Yes

No

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

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.

N/A

### 6. Local biodiversity

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

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:

N/A

2. Number of trees proposed to be cut:

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

Yes

No

If the answer is yes, provide details

N/A

(c) Does the proposed project impact local fauna?

Yes

No

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

Yes

No

If yes, provide details

N/A

e) Soil type and characteristics, tick appropriate:  Sand  Clay  Loam  Other, please provide description;

### 7. Sand mining details

(a) Method of mining operations

No.	Type	Please tick	Size of site (large / medium / small)	Mining method (manual / semi-mechanized / mechanized / any other (specify))
1	Open cast	✓	Medium	Semi-mechanized
2	Others (specify)			

(b) Number of mining shift: one shift only

(c) Proposed maximum depth of the borrow pit (m): 4 meters; does it intersect with ground water table?

(d) Top soil generation (m<sup>3</sup>) N/A

Applicable if mining is proposed on agricultural land or a crop field or homestead.

Proposed measures for top-soil conservation and management

N/A

(e) In the case of river-sand mining, provide following information:

Distance from hydraulic structure such as pumping station, water intakes, and bridges

N/A

Number of other operators within 1 km upstream

Number of other operators within 1 km downstream

Distance of proposed mining site from the bank

### 8. Resource requirement:

(a) Mode of **transportation** of mined material

Dumping trucks and loader machines

If dumper / trucks is used, Expected number of dumpers

N/A

List the equipment to be used during mining operation.

Excavators, Tipper loaders and Dumping trucks.

(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.

(c) **Water**

Source of water

Tap Water

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

m<sup>3</sup> 200 +-

(d) **Employment:**

- Total employment potential from proposed mine: 1-2 as care takers

- Types of employment: Contract  Daily wage  Permanent

(e) **Fuel requirement**

Quantity of fuel (litre/day): 150 liters

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

N/A

**9. Road construction:**

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

The road B1 from Ondanguwa onhuno to Zenhana connect to the Okatope borrow pit.

(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

N/A

## 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

Conservation of flora (including cultivated crop fields, riverine ecosystems and River flow Regime)	<b>Proposed mitigation measures for conservation of flora</b>
	Conservation of biological diversity of flora, larger trees to be left undisturbed, small trees and bushes to be cut down for fire woods of the surrounding communities.
Conservation of fauna (including wildlife and livestock)	<b>Proposed mitigation measure for conservation of fauna</b>
	Animals particularly wild animals, birds will not be hunted or disturbed.
Rehabilitation of mined site (including borrow pits, tracks and roads)	<b>Proposed measure for rehabilitation and resettlement</b>
	Site must be kept clean, all wastes to be removed site should be turned in water reservoir to collect and store rain water during rainy seasons.

### ENVIRONMENT PROTECTION

Air pollution	<b>Proposed mitigation measures for air pollution / dust control</b>
	The minimum speed of 15 km should be driving on site and spraying of water to avoid dust. Cover the Truck with canvas sheet after loaded.
Protection of water resources	<b>Proposed mitigation measures for water-pollution control and prevention and for conservation of water resources</b>
	mining activities must be restrict only 4 m deep or 1 m above the ground water table.
Noise	<b>Proposed mitigation measures for noise</b>
	The movement of operating machine is restricted to start at 8h00 up to 17h00, and not more than one or two Trucks in the Borrow pit is allowed.

**ENVIRONMENT PROTECTION Continues.**

<p><b>Health and safety of workers</b></p>	<p><b>Proposed measures for safety and health</b>                  personnel protection equipment must be adhered, (PPE) these one include dust masks, eyes glasses and safety boots.</p>
<p><b>Protection of archaeological and cultural site, if any</b></p>	<p><b>Proposed measures for protection of archaeological sites and cultural heritage of the project-affected area</b>                  archaeological, like graves, Animations or scattered bones. These are uncovered by the project location to be uncordoned.</p>
<p><b>Waste management (i.e. general, mine and hazardous wastes)</b></p>	<p><b>Proposed measures for waste minimization and disposal</b>                  project must be clean, more than one <del>one</del> rubbishbar to be allocated on site. much water is not required on site. government policy must be followed</p>
<p><b>Amenities to workers</b></p>	<p><b>Details amenities proposed</b>                  site service like mobile toilets and and first aid facilities must provided</p>

<p><b>EMP MONITORING, SITE CLOSURE AND DECOMMISSIONING</b></p>	
<p>EMP implementation records and reporting (attach record sheet)</p>	<p>✓</p>
<p>Financial provisions for rehabilitation, site closure and decommissioning</p>	<p>N/A</p>
<p>Compensation measure and guidelines (with reference to relevant governing laws)</p>	<p>N/A</p>

**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 \_\_\_\_\_ on this \_\_\_\_\_ day of \_\_\_\_\_ 20\_\_\_\_\_

For the proponent: \_\_\_\_\_  
 (duly authorised thereto)

For the Government of Namibia: \_\_\_\_\_  
 Environmental Commissioner  
 Ministry of Environment and Tourism