



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 & Kenneth Kaunda Street Private Bag 13306, Windhoek

PRO FORMA ENVIRONMENTAL CONTRACT FOR SAND MINING

Village/town	Region	Constituency
Dondogy	Dmusati	Tsandi

Environmental Management Act, 2007 (Section 32)

PART 1 A: DETAILS OF APPLICANT



- 1. Name (person or business): Uukwaluudhi Traditional Authority
- 2. Business registration/identity no. 520606002173
- 3. Correspondence address: P. O BOX 1786, Ojjiwarongo
- 4. Name of contact person: Bathokomeus Shomeya
- 5. Position of contact person: Chairperson
- 6. Telephone or cell phone number: 0811292632
- 7. Fax number: N/A
- 8. Email address: N/A

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

B. SHOMEYA

Full name in block letters

UTA Chairperson

Position

on behalf of

Uukwaluudhi Traditional Authority

17/04/2019

Date

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

seen site please help to get goggle map

S 17.741935
E 14.888908

[Signature]
Siman H
15.05.2019

RECEIVED
2019-05-08
MINISTRY OF ENVIRONMENT AND TOURISM
DEPARTMENT OF ENVIRONMENTAL AFFAIRS

NB: The Plan must include

- 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: TOMAS BAKKEL MWAALA

2. Postal address: N/A

3. Telephone or Mobile no.: 0813292268

4. Email address (if applicable): N/A

For Traditional Authority or Freeholder

1. Name of TA headman/freeholder: Ukwakwudhi TRADITIONAL Authority

2. Postal address: P O Box 1, Tsandi

3. Telephone or Mobile no.: 0811292632

4. Email address (if applicable): N/A

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

The Operation of sand mine at Ondugu sand mining is recommended

Stamp and signature of representative: *[Signature]* Date: 17-4-2019

[Circular Stamp: UKWAKWUDHI TRADITIONAL AUTHORITY, 17 APR 2019]

PART 2 B: CONSENT BY REGIONAL COUNCIL OR LOCAL AUTHORITY

Officer (CEO)

1. Name of CRO/CEO: ABISAI SHANINGWA (MR)
2. Postal address: P/BAG 523, OUTAPI - OMSATI REGIONAL COUNCIL
3. Telephone or Mobile no: 065 - 251019 / 0811277516
4. Email address (if applicable): anshaningwa@gmail.com

Comment and recommendation by the Chief Regional Officer or Chief Executive Officer
Sand mining is very critical for development in rural but it must be conducted in legal and orderly manner. Approved.
Stamp and signature of representative:  Date: 15/04/2019
OMUSATI REGIONAL COUNCIL
Private Bag 523 Outapi
2019-04-15
Tel: 065-251019
Fax: 065-251078

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>Ohdungu Sand Mining</u>
Size of the site (hectares):	<u>5</u>
Tenure of operation (years):	
Expected cost of the project:	

2. Sourcing of sand:

Activity site	Yes	No
River/floodplain		<input checked="" type="checkbox"/>
Lake/reservoir		<input checked="" type="checkbox"/>
Agricultural land		<input checked="" type="checkbox"/>
Seaside Watercourse		<input checked="" type="checkbox"/>
Homestead/crop fields		<input checked="" type="checkbox"/>
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 ³	
100–500 m ³	✓
500–1000 m ³	
>1000 m ³	

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:	N/A		

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)	5ha, Owned by traditional Authority
- Total	5ha

(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.

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.

* (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:

N/A

(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;

(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: _____

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

(d) Top soil generation (m³) 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

trucks

If dumper / trucks is used, Expected number of dumpers

List the equipment to be used during mining operation.

TIPPER trucks, excavator

(b) Will the project use **blasting / explosives**

NO

If the answer is yes, has the proponent obtained the permit / licence from an authorized body? If yes,

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	
<p>Conservation of flora (including cultivated crop fields, riverine ecosystems and River flow Regime)</p> <p>Proposed mitigation measures for conservation of flora Conservation of biological diversity of plants, large trees to be left undisturbed or replaced when moved and not to be burned.</p>	
<p>Conservation of fauna (including wildlife and livestock)</p> <p>Proposed mitigation measure for conservation of fauna Conservation of biological diversity of birds and animals. No hunting, trapping, fishing or any disturbances of any young species allowed without a required permit.</p>	
<p>Rehabilitation of mined site (including borrow pits, tracks and roads)</p> <p>Proposed measure for rehabilitation and resettlement Remove all the waste and any thing that remains from the site. The site should be turned into a water reservoir to collect and store rain water.</p>	
ENVIRONMENT PROTECTION	
<p>Air pollution</p> <p>Proposed mitigation measures for air pollution / dust control Water suppression will be done on the gravel road twice daily. All trucks, tractors will be covered by canvas sheet to prevent dust emission.</p>	
<p>Protection of water resources</p> <p>Proposed mitigation measures for water-pollution control and prevention and for conservation of water resources Mining activities will be restricted to 1m deep or 1m above the ground water table. AND diversion proposed. there will not be any diverse impact on flow pattern, surface water hydrology and ground water regime.</p>	
<p>Noise</p> <p>Proposed mitigation measures for noise The movement of vehicles is restricted to working hours. The work may be conducted on public holidays unless permission is given by the the ^{the} authorities ^{authorities} and the relevant affected community.</p>	

Health and safety of workers	Proposed measures for safety and health * Dust protection masks should be provided to worker within the dusty area. * Ensure that all staff members are briefed about potential risk and injury on site. * Ensure that emergency facilities include first aid are available on site.
Protection of archaeological and cultural site, if any	Proposed measures for protection of archaeological sites and cultural heritage of the project-affected area If (eg. pottery, bones, shells, ancient clothing or weapon, graves etc) are uncovered at the project location or surrounding area it should be cordoned off and relevant area should be contacted immediately.
Waste management (i.e. general, mine and hazardous wastes)	Proposed measures for waste minimization and disposal The project will not require much water for operation, although will require water for suppression and drinking for worker on site. There will be no need to di
Amenities to workers	Details amenities proposed Site service like rest rooms, first aid boxes, drinking water and other facilities will be provided to workers at the site of the mine.

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

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 TSANDI on this 17 day of 04 2019

For the proponent: B. SHOMEYA (LITIGANT/CHAIRPERSON)
 (duly authorised thereto)

For the Government of Namibia:
~~Mr. T. Nghitila~~ F. M. Shabongo
 Environmental Commissioner
 Ministry of Environment and Tourism



ECC Application

A. Project Data:

Project Title: Questionnaire for the sand mining project at the burrow pit at Ondungu Village Tsandi Constituency, Omusati Region Namibia Date of review: 11.3.2019

Proponent/Applicant: Uukwaluudhi Traditional Authority Reviewed by: Simon Hangula

Applying for: New Environmental Clearance Renewal of Environmental Clearance

B. Category of proposed project:

- Energy generation, transmission and Storage Activities
- Waste management, Treatment, Handling and Disposal Activities
- Mining and Quarrying activities**
- Land Use and Development Activities
- Tourism Development Activities
- Agricultural and Aquaculture Activities
- Forestry Activities
- Water Resources Development Activities
- Hazardous Substance Treatment, Handling and Storage
- Infrastructure

C. Reviewer's Recommendations

The Environmental clearance certificate may be issued with the following conditions: Sand Mining Conditions penndix A & B

D. Criteria for Revision

1. Proponents Information: The proponent information has been provided accordingly on the application form and on page ii of the Report.

Comment for action:

2. EIA & EMP for the Project and Activities The bulk of sand mining will be done at an old existing burrow pit and it is projected to be done for the next few years the operation will involve bulldozer and front loader earth moving equipment, to load in the tipper truck and will be transported to various destinations. The proponent will be the custodian for the ECC and EMP as the operational of the project and the rehabilitation of the site into an earth dam which is to be certified by both MET and Mawf officials.

Comment for action: None

Eshakeno Village, Ohangwena Region

Comment for action: None

1. Laws and guidelines considered in this project: the legal frame work that govern and regulate the project were included in the scoping report, the laws and regulations

Comment for action:

2. Description of the environment that may be affected : The ecological setting (flora and Fauna), hydrological setting, social impacts, geological setting, where the environment will be affected by the proposed project has been identified assessed and evaluated on the basses of the effects and impacts significance. However, if the conditions the ECC of the proposed project is followed and implemented fully the impact on the environment is likely to be minimal. Comment for action: None.

3. Evidence of public consultation: The Report has provided information on public consultation and proof of public notification as indicated on the Sand mining questionnaire.

Comment for action. None

Description of the need and desirability of the proposed listed activity, including the alternatives to proposed activities: The report has not considered alternatives on. The project motives and desirability are not done.

Comment for action:

4. Description and assessment of the significance of any significant effects (Incl. Cumulative impacts: The level of significance of the significant impacts effects will be minimal should the ECC Conditions are fully implemented

Comment for action: None