

APP - 00400

MINISTRY OF ENVIRONMENT AND TOURISM  
DEPARTMENT OF ENVIRONMENTAL AFFAIRS  
019-06-01



REPUBLIC OF NAMIBIA

MINISTRY OF ENVIRONMENT AND TOURISM

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Department of Environmental Affairs

Cnr of Robert Mugabe &  
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Windhoek

PRO FORMA ENVIRONMENTAL CONTRACT FOR SAND MINING

Village/town	Region	Constituency
Karasburg	//Karas	KARASBURG EAST

Environmental Management Act, 2007 (Section 32)

PART 1 A: DETAILS OF APPLICANT

NAMIBIA REVENUE N\$100  
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1. Name (person or business): Bondelswartz Traditional Authority

2. Business registration/identity no. \_\_\_\_\_

3. Correspondence address: P.O. Box 212, Karasburg, Namibia

4. Name of contact person: Hans Josob

5. Position of contact person: Senior Traditional Counsellor


6. Telephone or cell phone number: 0813185248 / 081 2226068

7. Fax number: \_\_\_\_\_  
Email: bondelswartzkaras@gmail.com

8. Email address: XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX

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	<u>Hans Josob</u> Full name in block letters	<u>Senior Traditional Counsellor</u> Position
on behalf of <u>Bondelswartz Traditional Authority</u>		<u>23/05/19</u> Date

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

SEE SITE MAP ATTACHED

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: Hans Jossob
2. Postal address: P.O. Box 212, Karasburg, Namibian
3. Telephone or Mobile no.: 0813185248 or 0813999294
4. Email address (if applicable): Email: bondelswartzkaras@gmail.com

**For Traditional Authority or Freeholder**

1. Name of TA headman/freeholder: Bondelswartz Traditional Authority
2. Postal address: P.O. Box 212, Karasburg, Namibian
3. Telephone or Mobile no.: 0813185248 or 0813999294
4. Email address (if applicable): Email: bondelswartzkaras@gmail.com

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

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

**THE CAPTAIN**  
BONDELSWARTZ  
TRADITIONAL COUNCIL  
P.O. BOX 212, KARASBURG  
TEL: 081 399 9294

Date: \_\_\_\_\_



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

1. Name of CRO/CEO: Karasburg Town Council  
2. Postal address: P.O. Box 33, Karasburg.  
3. Telephone or Mobile no: 081-7006914/063-270032  
4. Email address (if applicable): Karasburgm@iunw.na

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

Stamp and signature of representative: *No problem with Sand Mining*  
*[Signature]*  
Date: 24 MAY 2019  
KARASBURG TOWN COUNCIL  
CHIEF EXECUTIVE OFFICER

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:	Wortel, Gabis Reserve
Size of the site (hectares):	Length of the river
Tenure of operation (years):	As needed
Expected cost of the project:	Estimates not known

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:		D271 Gravel Road	50m

**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:**

The Sand Mining will be 50 metres from the D271 Gravel Road on both sides and mining will be limited to a depth of 3 metres to avoid water erosion.

(b) *Land use pattern of site lease*

Land type	Area (hectare)
- Private land	
- Government land	
- Other (specify) Communal Land	20,000 Square Metres
- Total	20,000 Square Metres

(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.

Minutes of Meeting submitted with first application in 2019.

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.

Minutes of Meeting submitted with first application in 2019.

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:

Riverbed without any vegetation.

2. Number of trees proposed to be cut:

No trees in the Riverbed.

(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	Manual
2	Others (specify)			

(b) Number of mining shift: As per Requests/Orders

(c) Proposed maximum depth of the borrow pit (m): 3 Metres; 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

Riverbed without any vegetation.

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

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

13km from Draihhoek Dam

Number of other operators within 1 km upstream

None

Number of other operators within 1 km downstream

None

Distance of proposed mining site from the bank

13km from Draihhoek Dam

**8. Resource requirement:**

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

Loading Truck

If dumper / trucks is used, Expected number of dumpers

2 Loading Trucks

List the equipment to be used during mining operation.

1 X Front Loader & 2 X Loading 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

N/A

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

N/A

(d) *Employment:*

- Total employment potential from proposed mine: 8

- Types of employment: Contract

Daily wage

Permanent

(e) *Fuel requirement*

Quantity of fuel (litre/day): N/A

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

Fuel will not be stored at site. Trucks & Loader will only be brought to site for loading and return to their respective premises.

**9. Road construction:**

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

D271 Gravel Road is passing through the mining site within 50 metres.

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

Yes

No

If the answer is yes,

Length of the road (km)

N/A

Type of road constructed

N/A

Number of trees to be cut during the construction

None



**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>
	There is no vegetation in the riverbed and sand mining will be limited to a depth of 3 metres to avoid water erosion.
Conservation of fauna (including wildlife and livestock)	<b>Proposed mitigation measure for conservation of fauna</b>
	There is no vegetation in the riverbed and sand mining will be limited to a depth of 3 metres to avoid water erosion.
Rehabilitation of mined site (including borrow pits, tracks and roads)	<b>Proposed measure for rehabilitation and resettlement</b>
	Mining site will be levelled as much as possible to avoid erosion.

**ENVIRONMENT PROTECTION**

Air pollution	<b>Proposed mitigation measures for air pollution / dust control</b>
	Sand Mining is in the Riverbed and moisture will mitigate dust.
Protection of water resources	<b>Proposed mitigation measures for water-pollution control and prevention and for conservation of water resources</b>
	Sand Mining will be limited to a depth of 3 metres and will not harm any watertable or installations.
Noise	<b>Proposed mitigation measures for noise</b>
	The Trucks will be stationary when being loaded and only one Loader will be operating, which will minimise noise.


ENVIRONMENT PROTECTION Continues.	
Health and safety of workers	Proposed measures for safety and health
Protection of archaeological and cultural site, if any	Proposed measures for protection of archaeological sites and cultural heritage of the project-affected area
	All Necessary Personal Protective Equipment will be provided to all Employees.
Waste management (i.e. general, mine and hazardous wastes)	Proposed measures for waste minimization and disposal
	No hazardous or general waste will be disposed of on site.
Amenities to workers	Details amenities proposed
	Workers will not stay on site and will be on site for short periods at a time.

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

#### 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 Windhoek on this 12 day of July 2023

For the proponent:   
 (duly authorised thereto)

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