

## 26 Appendix G: Water Use General Authorisation Application

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Attention: Shaun Cloete  
Department of Water and Sanitation  
Private Bag X5912  
Upington  
8800

Date: 4 October 2017

Dear Mr. Cloete

**RE: WATER USE LICENSE APPLICATION FOR A SECTION OF THE HARTBEES RIVIER ON PROPERTY 1768, KAKAMAS-SOUTH FOR APPLICANT KOBUS DUVENHAGE BOUERS (PTY) LTD**

Green Direction Sustainability Consulting (Pty) Ltd, as the appointed consultant is hereby submitting the relevant water use license application forms, and supporting documents for the above-mentioned project on behalf of the Applicant, Kobus Duvenhage Bouers (Pty) Ltd.

The on-site pre-application meeting with DWS representatives, Ms Jolene Van Wyk-Towell, and Ms Chantal Schwartz on the 14<sup>th</sup> June 2017 refers.

The activity refers to the proposed mining of riverbed sand in the Hartbees Rivier on Property 1768, Kakamas-South.

The attached DW Forms, Appendices and Supporting Documents have been submitted in support of the General Authorisation for the Water Use Application for the proposed sand mining activity on Property 1768, Kakamas-South, in terms of Section 21(c) and 21(i) and the National Water Act, 1998 (Act No. 36 of 1998), and General Authorisation No. 509 of 2016.

It is requested that the Department of Water and Sanitation kindly review the information herewith enclosed and register the water use accordingly.

Please do not hesitate to contact the undersigned should you have any queries.

Yours sincerely

A handwritten signature in black ink that reads "J. Barnard".

Jennifer Barnard  
Pr.Sci.Nat.; EAPASA; New Buildings AP Green Star SA  
**Director: Green Direction Sustainability Consulting (Pty) Ltd**



## **APPLICANT: KOBUS DUVENHAGE BOUERS (PTY) LTD**

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**WATER USE APPLICATION FOR GENERAL AUTHORISATION IN TERMS OF NOTICE 509 OF 2016 GAZETTED IN TERMS OF SECTION 39 OF THE NATIONAL WATER ACT, 1998 (ACT 36 OF 1998) FOR WATER USES AS DEFINED IN SECTION 21(c) & SECTION 21(i):**

**SAND MINING OPERATION ON A SECTION OF THE HARTBEES RIVER SITUATED ON PROPERTY 1768, KAKAMAS-SOUTH**

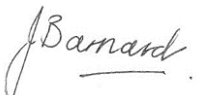
Date: 4 October 2017

Rev 1

**Contact:**

**Jennifer Barnard**  
**Director: Green Direction Sustainability Consulting (Pty) Ltd**

Email: jenny@greendirection.co.za  
Contact: 082 4444364

<b>Date:</b>	4 October 2017
<b>Document title:</b>	<b>APPLICANT: KOBUS DUVENHAGE BOUERS (PTY) LTD WATER USE APPLICATION FOR GENERAL AUTHORISATION IN TERMS OF NOTICE 509 OF 2016 GAZETTED IN TERMS OF SECTION 39 OF THE NATIONAL WATER ACT, 1998 (ACT 36 OF 1998) FOR WATER USES AS DEFINED IN SECTION 21(c) &amp; SECTION 21(i): SAND MINING OPERATION ON A SECTION OF THE HARTBEES RIVIER ON PROPERTY 1768, KAKAMAS-SOUTH</b>
<b>Author:</b>	Jennifer Barnard
<b>Revision No.:</b>	1
<b>Checked by:</b>	Jennifer Barnard
<b>Approved:</b>	Jennifer Barnard
<b>Signature:</b>	
<b>FOR THE APPLICANT BY:</b>	<i>Green Direction Sustainable Consulting (Pty) Ltd</i>
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# 1 INTRODUCTION

The Applicant Kobus Duvenhage Bouers (Pty) Ltd, is applying for a Water Use in terms of the General Authorisation (GA) No. 509 of 2016, Gazetted in terms of Section 39 of the National Water Act for Water Uses as defined in Section 21(c) and 21(i) for their sand mining operation on a section of the Hartbees Rivier on Property 1768, Kakamas-South. The proposed mining activity is to be subject to a Mining Permit Application.

A site visit was conducted on the 14<sup>th</sup> June 2017 with officials from the Department of Water and Sanitation, the Applicant's representative Mr. Erik Ludik, and Jennifer Barnard of Green Direction Sustainability Consulting (Pty) Ltd. Refer to **Appendix 1** for Pre-Application Meeting site register. It was agreed on site that a Risk Matrix should be prepared in terms of GA No. 509 of 2016. The completed Risk Matrix is attached as **Appendix 2**.

The GA (No. 509 of 2016) stipulates that a suitably qualified SACNASP registered professional must complete the Risk Matrix. Jennifer Barnard, Director of *Green Direction Sustainability Consulting (Pty) Ltd* is a registered SACNASP Professional with membership number 400197/09, and was appointed to complete the Risk Matrix for this water use application. A copy of her certificate is attached as **Appendix 3**.

The Water Use Application requires that a number of Forms be completed. These forms are attached as Appendices, including the various supporting documents. As this is a new application for a mining permit, the EMP and Closure Plan are cross-referenced to the Draft Basic Assessment Report where these documents are included. The Mining Permit is pending subject to the submission of the relevant documentation (DBAR) to DMR for consideration.

## 2 Risk Matrix

### 2.1 Background

The General Authorisation (GA) replaces the need for a water user to apply for a license in terms of the National Water Act (Act 36 of 1998) provided that the water use is within the limits and conditions of the GA. This is explained in Section 3 of the GA, where subsection (b) refers to the use of water in terms of Section 21(c) or (i) of the Act within the regulated area of the watercourse where, should the Risk Class be rated Medium or High as determined by the Risk Matrix, then the General Authorisation will not apply. Therefore only LOW RISK ACTIVITIES located within the regulated area of the watercourse will qualify for a GA.

The Risk Matrix (excel spreadsheet attached to the General Authorisation) requires activities, aspects and impacts to be identified and rated according to the rating system provided in the excel spreadsheet.

### 2.2 Findings of Risk Matrix

The completion of the Risk Matrix is based on the observations made on site, and through an assessment of the SANBI BGIS datasets as detailed further in the Risk Matrix with supporting maps (attached as **Appendix 2**).

The vegetation type found on site is Bushmanland Arid Grassland, which has a conservation status of Least Threatened according to Mucina & Rutherford (2006). This vegetation type is not a listed ecosystem in terms of the National Environmental Management: Biodiversity Act 2004 (Act 10 of 2004) "National List of Threatened Ecosystems that are Threatened and in Need of Protection"; GN 1002 dated 9/12/2011.

The SANBI BGIS mapping ([www.bgis.sanbi.org](http://www.bgis.sanbi.org)) was referenced to determine the conservation status of the mining area to provide background information for purposes of the risk rating. The maps are referenced from the Namaqualand District Biodiversity Sector Plan Guideline Document (as per the BGIS database), which provides biodiversity informants for land and resource use decision-making as required by the National Environmental Management Act (NEMA).

The existing Sand Mining Operation is located within an Ecological Support Area and a river FEPA, which means that the ecosystem conservation status is in need of protection. Sustainable management is required for the sand mining activities and rehabilitation thereof.

In addition, the Environmental Management Plan (refer to **Appendix 18**) prepared for the Mining Permit Application (Refer to **Appendix 17**) has been referenced where relevant for the various approaches and mitigation measures. The Supplementary Document (DW 781 & DW 775) for Section 21(c) and Section 21(i) Water Uses (attached as **Appendix 8**) has been completed and cross-references the completed Risk Matrix where relevant, and the DBAR and EMPr.

The EMPr, Supplementary Document and completed Risk Matrix have identified the environmental issues and provided mitigation measures to ensure sustainable sand mining on site. Construction Phase impacts are associated with site preparation and the Operational Phase impacts with the sand extraction process. With reference to the Risk Matrix attached at **Appendix 2**, it is evident that all the activities and the associated impacts with mitigation measures included in the assessment thereof have been rated with a LOW RISK CLASS.

This is a requirement for the General Authorisation process to be followed.

### 3 Conclusion

The attached DW Forms, Appendices and Supporting Documents have been submitted in support of the General Authorisation for the Water Use Application for the proposed sand mining activity on Property 1768, Kakamas-South, in terms of Section 21(c) and 21(i) and the National Water Act, 1998 (Act No. 36 of 1998), and General Authorisation No. 509 of 2016.

**SECTION OF THE HARTBEES RIVIER ON PROPERTY 1768,  
KAKAMAS-SOUTH**

**APPENDICES**

**Appendix 1:**

**Pre-Application Site Meeting Attendance Register & Form**





**water & sanitation**

Department:  
Water and Sanitation  
REPUBLIC OF SOUTH AFRICA

Meeting Name: Site Visit

Date: 14/06/2017

Responsible Official: Jolene Van Wyk-Towell & Chantel Schwartz

HARTBEE'S RIVIER

7B

~~Donkerhoekspuit~~

Name & Surname	Organization	Contact numbers	e-mail Address	Signature
1. Erik Luwiz	Logo's Dummkebees	079 884 1196	erik@inkubuspt.co.za	
2. Christo Jordaan	Jordaan + Scun	082 9268 996	jordaan@electranet.co.za	
3. Etienne Jordaan	Christie Jordaan Breeding Trust	082 789 9839	nce803@gmail.com	
4. Jenny Barnard	Green Auction	082 444 4366	jenny@greenauction.co.za	
Jolene van Wyk-Towell	DWS	082 887 8866	towellj@dws.gov.za	
6. Chantel Schwartz	DWS	054 338 5836	Schwartzce@dws.gov.za	
7.				
8.				
9.				
10.				
11.				
12.				

2017



water & sanitation

Department:  
Water and Sanitation  
REPUBLIC OF SOUTH AFRICA

# Orange Proto-CMA Water Use Licencing

Pre-application Consultation Form

~~(Jannetsepan 39)~~

~~Dousterholkoport~~

HARTBEE'S RIVER  
ERF 1768

JS

Applicant Information			
Name of Applicant		Date	Assessor
Kobus Duvenhage Bowers		14/06/2017	Jolene van Wyk-Towell
Contact Details of Applicant Representative			
Last Name	First Name	Email	
(Ludik) Bernard	(Enk) Jenny	? Jenny@orange-cma.co.za	
Postal Address	City	Phone No.	Mobile No.
Property Details (Donkerhoekspuit)			
Sub Catchment	Quaternary Catchment	Reference Number	
Property Name	Number	Portion	Administrative District
Tonnelsepan ?	39	?	?
Project Description			
Sand Mining. 5 Ha in extent. Low impact. Request client to submit the risk matrix, with application Forms, and other supporting documents. DW 155 supplied to applicant representative.			
Start 28° 33' 38.52" S ; 21° 14' 51.21" E			
End 29° 33' 09.65" S ; 21° 14' 32.22" E.			

Initial





Applicable Water Uses			
S 21	Description	Applicable	
		Yes	No
(a)	Taking water from a water resource		
(b)	Storing water		
(c)	Impeding or diverting the flow of water in a watercourse	/	
(d)	Engaging in a stream flow reduction activity		
(e)	Engaging in a controlled activity		
(f)	Discharging waste or water containing waste into a water resource through a pipe, canal, sewer or other conduit		
(g)	Disposing of waste in a manner which may detrimentally impact on a water resource		
(h)	Disposing in any manner of water which contains waste from, or which has been heated in, any industrial or power generation process		
(i)	Altering the bed, banks, course or characteristics of a watercourse	✓	
(j)	Removing, discharging or disposing of water found underground if it is necessary for the efficient continuation of an activity or for the safety of people		
(k)	Using water for recreational purposes		

Initial



General Required Information			Official Use	
Description	Applicable		Submitted	
	Yes	No	Yes	No
Copy of Water Use Licence Application Fee Receipt( <i>Compulsory</i> )	✓			
Copy of Identity Document of Authorised Person( <i>Compulsory</i> )	✓			
Copy of Company Registration Certificate( <i>Compulsory</i> )	✓			
Copy of Trust Registration Certificate( <i>Compulsory</i> )				
Letter of Authorisation for Companies, Trusts or Legal Entities( <i>Compulsory</i> )	✓			
Letter of Authority to Apply on behalf of Applicant	✓			
Copy of BBBEE Certificate				
Letter of Consent if the Applicant is not the Property Owner( <i>Compulsory</i> )	✓			
*Applicant Information Form: Individual (DW 756 / 769)				
*Applicant Information Form: Water Service Provider (DW 757 / 770)				
*Applicant Information Form: Company, Partnership, Government (DW 758 / 771)	✓			
*Applicant Information Form: Water User Association (DW 759 / 772)				
*Property Details Form (DW 901)	✓			
Property Owner Details (DW 902)	✓			
Permission to Occupy (PTO) or Title Deed	✓			
Map of Property ( <i>If available</i> )	✓			
Section 27 Motivation				
<b>Other information as listed below:</b>				
DW 755 Form				

\* Application forms available at: <https://www.dwa.gov.za/Projects/WARMS/Licensing/licensing1.aspx>  
NOTE: All application forms must be fully completed

Initial



Section 21 (c) & (i): Impeding & Altering			Officer's Use	
Description	Applicable		Submitted	
	Yes	No	Yes	No
* Impeding or diverting the flow of water in a watercourse form (DW 763)	✓			
* Altering the bed, banks, course or characteristics of a watercourse (DW 789)	✓			
*Supplementary Information for 21 (c) & (i)form (DW 775)	✓			
Wetland Delineation Study				
Method Statement	✓			
Environmental Management Plan				
Storm Water Management Plan	✓			
Hydrological Studies				
Design Drawings				
Rehabilitation Plan				
Master Layout Plan				
Landscape Maintenance Plan				
Stakeholder Consultation with Interested and Affected Parties				
<b>Other information as listed below:</b>				
Mining Permit	✓			
Risk Matrix	✓			

\* Application forms available at: <https://www.dwa.gov.za/Projects/WARMS/Licensing/licensing1.aspx>  
NOTE: All application forms must be fully completed

Initial

**DECLARATION BY APPLICANT**

I \_\_\_\_\_ (Full Name) hereby declare that a pre-application was conducted with me and that the requirements for a water use licence application was discussed with me.

Bamard  
Signature of Applicant

\_\_\_\_\_  
Date (dd/mm/ccyy)

[Signature]  
Signature of Assessor

14/06/2017  
Date (dd/mm/ccyy)

**OFFICIAL USE**

Application Submitted :	Complete <input type="checkbox"/>
	Incomplete <input type="checkbox"/>
_____ Signature of WARMS Officer for completeness check	
_____ Signature of Assessor	
_____ Date (dd/mm/ccyy)	_____ Date Stamp
	_____ Initial




**Appendix 2:**

**Risk Matrix completed in terms of GN 509 of 2016**



PROPERTY 1768, A SECTION OF THE HARTBEES RIVIER SAND MINING RISK MATRIX: KOBUS DUVENHAGE BOUERS (PTY) LTD - NEW SAND MINING APPLICATION

RISK MATRIX (Based on DWS 2015 publication: Section 21(c) and (i) water use Risk Assessment Protocol)

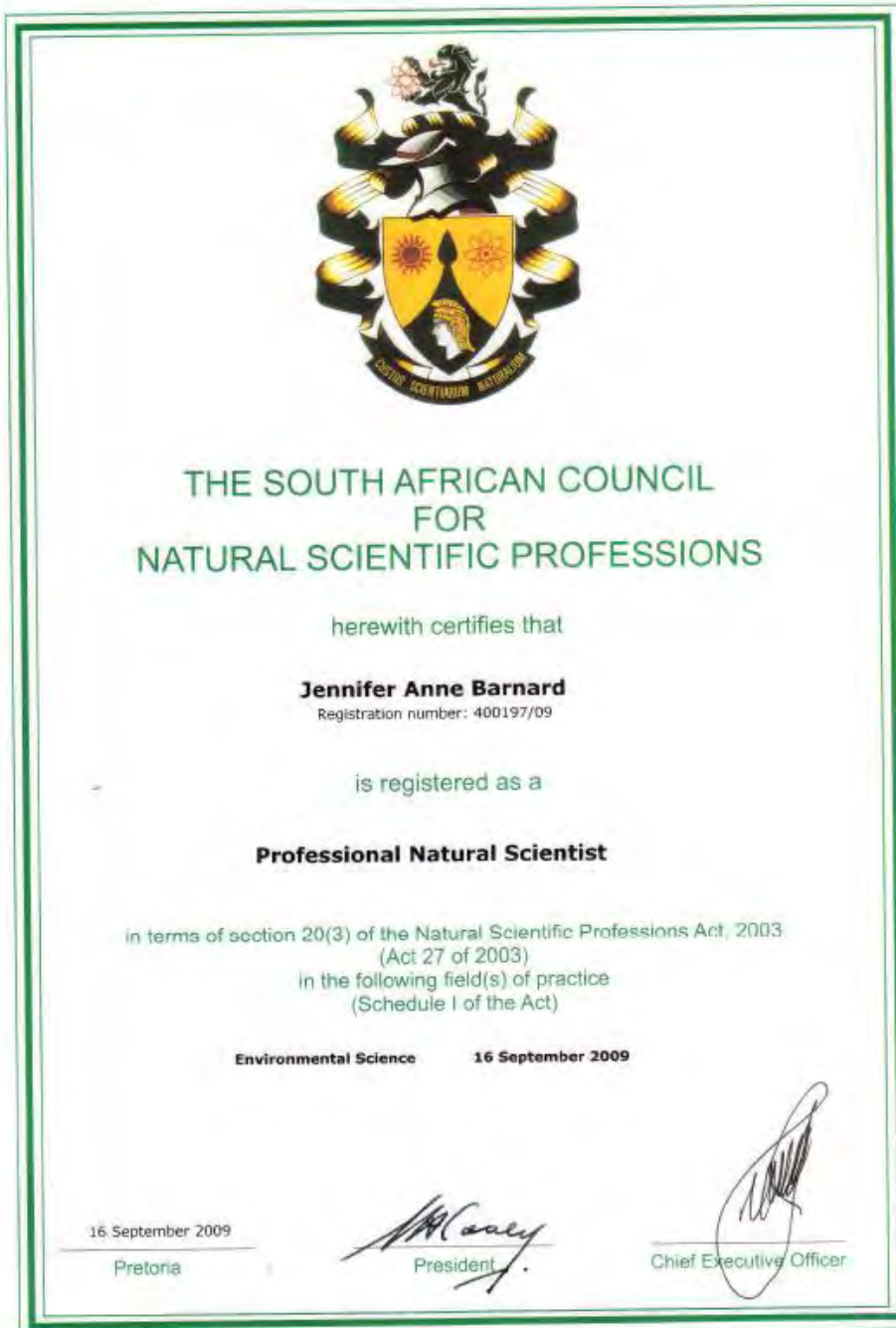
NAME and REGISTRATION No of SACNASP Professional member: JENNIFER ANNE BARNARD Reg no. 400197/09 Signature: 

Risk to be scored for construction and operational phases of the project. MUST BE COMPLETED BY SACNASP PROFESSIONAL MEMBER REGISTERED IN AN APPROPRIATE FIELD OF EXPERTISE.

No.	Phases	Activity	Aspect	Impact	Severity								Likelihood	Significance	Risk Rating	Confidence level	Control Measures	Borderline LOW MODERATE Rating Classes	PES AND EIS OF WATERCOURSE				
					Flow Regime	Physico & Chemical (Water Quality)	Habitat (Geomorph + Vegetation)	Biota	Severity	Spatial scale	Duration	Consequence								Frequency of activity	Frequency of impact	Legal Issues	Detection
1	CONSTRUCTION	Clearing of vegetation in the Hartbees Rivier.	Clearing vegetation from areas for excavation of sand, exposing sand and soil to wind erosion.	LOSS OF SAND DUE TO WIND EROSION during excavation activities.	1	1	2	1	1.25	1	1	3.25	2	2	1	2	7	22.75	LOW	95	Only areas required for sand mining should be cleared of vegetation to minimize exposed sand surfaces. Progressive rehabilitation will help stabilise the sand and minimise exposed surfaces. There are very few receptors (people, livestock, etc.) that would be affected by dust due to the remote location of the site. The driver of the front end loader should wear a dust mask when required. Refer to the EMPr included in the DBAR in Part B.	N/A	The Hartbees Rivier is dry river bed considered to be ephemeral. Refer to Figure 3 in the DBAR (Section 8.2.7) that shows the location of the project site on a section of the Hartbees Rivier, which is a tributary to the Orange River and has been earmarked as a Freshwater Ecosystem Priority Area (FEPA). The Hartbees Rivier is classed as Category B: Largely Natural as referenced from the SANBI BGIS NFEPA Database Map Viewer. Reference is also made to the Draft DWS Report (August 2016): "Determination of Ecological Water Requirements for Surface Water (rivers, estuaries and wetlands) and groundwater in the Lower Orange WMA. Report No. RDM/WMA06/00/CON/COMP/2016). This Report provides the PES & EIS of the Orange River at EWR 02 (located upstream of the confluence of the Hartbees Rivier with the Orange River), and at EWR 03 (downstream of the Augrabies Falls and downstream of the confluence of the Hartbees Rivier with the Orange River). EWR 02 and EWR 03 both have a PES of C [Moderately Modified] and EIS as High [the river in terms of biota and habitat may be sensitive to flow modifications but in some cases may have a substantial capacity for use.] [EWR is the Ecological Water Requirement- this report provides desktop EWRs for the quaternary catchments focussing on the tributaries of the Orange River.]
2	CONSTRUCTION	Clearing of vegetation to gain access to the riverbed, however, there is an existing access track to the riverbed that the landowner uses. Clearing of vegetation that grows within the riverbed.	Access to site and preparation of areas for excavation of sand.	LOSS OF VEGETATION & BIODIVERSITY (OVER AN AREA OF 5 HECTARES) IN AN ECOLOGICAL SUPPORT AREA. Refer to Figure 2 in DBAR (Section 8.2.6). The Vegetation type found on site is Bushmeland and Grassland, which has a conservation status as Least Threatened according to Mucina & Rutherford 2006). These are not listed ecosystems in terms of National Environmental Management: Biodiversity Act 2004 (Act 10 of 2004) "National List of Threatened Ecosystems that are Threatened and in Need of Protection", GN 1002 dated 9/12/2011. There are no wetlands located in the site area (See Figure 4 in DBAR; Section 8.2.7). The site is located in an Ecological Support Area (See Figure 6 in DBAR; Section 8.2.8) according to the SANBI BGIS datasets. There are no aquatic biota, including riparian vegetation, present due to the seasonal nature of the watercourse. There is high occurrence of alien vegetation such as Prosopis sp. (Honey mesquite).	1	1	2	1	1.25	1	2	4.25	2	2	1	2	7	29.75	LOW	95	The location of the access to the river channel across the river bank will be at a point of the river bank where the least excavation and damage to vegetation will occur and will not be wider than is reasonably required. The top layer of sand is to be stockpiled in berms (no higher than 2m) to ensure that the seed bank will be returned to the site during rehabilitation. The berms will be located upstream of the proposed development to serve as a storm water control function in the unlikely event of surface water run-off. Removal of alien vegetation during clearing is a positive impact; the holder of the mining permit will implement an effective alien and invasive vegetation control programme. Endemic trees such as <i>Acacia karoo</i> will be planted as a pioneer species to stabilise areas on the banks after reinstating the original profile of the bank, after scouring should this occur, and during rehabilitation. All protected tree species such as the Camelthorn tree ( <i>Vachellia erioloba</i> ) shall remain undisturbed. Refer to the EMPr included in the DBAR in Part B.	N/A	SEE ABOVE
3	OPERATION	Removal of approximately 60% of the sand to a maximum depth of 1.5 metres over a 5 hectare area from the seasonal watercourse.	Removal of sand from Hartbees Rivier.	LOSS OF SAND IN A FEPA RIVER creating changes to sand budget in the river bed and floodplain at the site of excavation. Water flows infrequently during such storm events during which sand will naturally become redistributed within the excavated areas where water flows. Refer to Figure 3 in the DBAR (Section 8.2.7). The Hartbees Rivier is classed as Category B: Largely Natural as referenced from the SANBI BGIS NFEPA Database Map Viewer.	1	1	2	1	1.25	1	2	4.25	3	4	1	2	10	42.5	LOW	95	Rainfall events are infrequent. There is the potential for sand to naturally move into the depressions created by the sand mining, during flood events. Sand removed from the watercourse will be shaped to form shallow gradients during rehabilitation. The mining operation is considered to be short-term. Refer to the EMPr included in the DBAR in Part B.	N/A	SEE ABOVE
4	OPERATION	Removal of approximately 60% of the sand to a maximum depth of 1.5 metres over a 5 hectare area from the seasonal watercourse.	Interruption in the hydrology of the watercourse	LIMITED IMPEDING OF THE FLOW OF THE WATERCOURSE will likely occur due to the excavations to a maximum depth of 1.5m that will cause damming to occur during low flow events. There will be no diversion or canalisation of the water flow causing scouring or erosion of the river bank; only limited impeding. Rainfall events are infrequent and water run-off is limited, resulting in very low flows (hydrology is almost non-existent). Refer to Figure 3 in the DBAR (Section 8.2.7). The Hartbees Rivier is classed as Category B: Largely Natural as referenced from the SANBI BGIS NFEPA Database Map Viewer.	1	1	2	1	1.25	1	2	4.25	2	3	1	2	8	34	LOW	95	Rainfall events are infrequent. There is the potential for sand to naturally move into the depressions created by the sand mining, during flood events. Surface water only accumulates in the excavations after exceptionally good rains. The Mean Annual Run-off (MAR) is very low given the low rainfall which is less than 250mm per year, in addition to the high evaporation rates, the shallow grade of the slopes toward the drainage channels, and the high soil permeability. Sand removed from the watercourse will be shaped to form shallow gradients during rehabilitation. Refer to the EMPr included in the DBAR in Part B.	N/A	SEE ABOVE
5	OPERATION	Use of machinery to excavate sand and load the trucks, and trucks transporting sand. Staff requiring ablution facilities on site.	Loss of hydrocarbons from machinery leakages, and during fueling of vehicles causing ground pollution.	POTENTIAL SAND AND SOIL POLLUTION from accidental spillages and leakages, and from a lack of ablution facilities.	1	1	2	2	1.5	1	1	3.5	3	1	1	2	7	24.5	LOW	95	PVC lining and drip trays will be used during maintenance and only minor repairs will be done on site. Small volumes of contaminated sand will be sold with the rest of the sand to be used in the building industry. Only one front end loader is used in the mining process that will be transported to workshops in Kakamas for major repairs. The front end loader will be parked outside the drainage channel when not in operation. No diesel or oils will be stored on site and will be transported from Kakamas as needed. Refer to the EMPr included in the DBAR in Part B.	N/A	SEE ABOVE
			A lack of ablution facilities would result in pollution of the surrounding environment.																		Provide chemical mobile ablutions on site (1 for every 15 people). Refer to the EMPr included in the DBAR in Part B.	N/A	SEE ABOVE
6	OPERATION	There will be a change in the topography due to the excavation of a sand.	Excavations and stockpiles during operation will have a negative impact on the visual landscape.	VISUAL IMPACTS caused by mining activity in the river bed.	1	1	1	1	1	2	2	5	3	1	1	2	7	35	LOW	95	The topography will be shaped to lessen the visual impact of the removed sand. Flood events will redistribute sand within the river bed. The goal of rehabilitation is to leave the area in a natural state containing no foreign debris or other materials. There are no adjacent roads or other visual receptors. Refer to the EMPr included in the	N/A	SEE ABOVE
7	OPERATION	A lack of good housekeeping (waste management: stock piling materials storage, etc) causing an impact on the visual landscape.	Poor management of construction site, machinery and associated materials during operation will have a negative impact on the visual landscape.	VISUAL IMPACTS caused by lack of good house keeping.	1	1	1	1	1	1	2	4	3	1	1	2	7	28	LOW	95	Good house keeping during the operational phase will reduce the visual impact. Provide waste collection facilities to prevent wind blown litter on site. Refer to the EMPr included in the DBAR in Part B.	N/A	SEE ABOVE
8	OPERATION	Noise associated with construction activities.	Increase in ambient noise levels.	NOISE IMPACTS caused by machinery on site	1	1	1	1	1	1	1	3	3	1	1	2	7	21	LOW	95	The site is located far from people, and the noise levels are not expected to cause a nuisance. Refer to the EMPr included in the DBAR in Part B.	N/A	SEE ABOVE

Appendix 3:

SACNASP Certificate for J.A. Barnard



**DW FORMS**

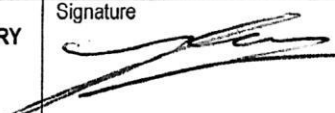
**Appendix 4:**  
**DW755 Application**



<b>2.4</b>	<b>If the applicant is a National Department:</b>							
<b>2.4.1</b>	National Department Name:							
<b>2.5</b>	<b>If the applicant is a Provincial Department:</b>							
<b>2.5.1</b>	Province:							
<b>2.5.2</b>	Provincial Department Name:							
<b>2.6</b>	<b>If the applicant is a Water Services Provider (WSP) or Water Services Authority (WSA):</b>							
<b>2.6.1</b>	Name of WSP or WSA:							
<b>2.7</b>	<b>If the applicant is a Water User Association (WUA):</b>							
<b>2.7.1</b>	Name of WUA:							
<b>2.8</b>	How many people will benefit from the acquisition of this water use License?					N/A – APPLICATION IS FOR A GENERAL AUTHORISATION License?		
<b>2.8.1.</b>	Describe the equity & gender status of the prospective beneficiaries: N/A							
	Equity/Status				Gender			
	(Mark the applicable option(s) with an X and specify the number)							
			Total Number			Total Number	Total Number	
	<input type="checkbox"/>	Black		<input type="checkbox"/>	Male		<input type="checkbox"/>	Female
	<input type="checkbox"/>	Coloured		<input type="checkbox"/>	Male		<input type="checkbox"/>	Female
	<input type="checkbox"/>	Indian		<input type="checkbox"/>	Male		<input type="checkbox"/>	Female
	<input type="checkbox"/>	White		<input type="checkbox"/>	Male		<input type="checkbox"/>	Female
	<input type="checkbox"/>	Youth		<input type="checkbox"/>	Male		<input type="checkbox"/>	Female
<b>2.8.2</b>	<b>Specify the Broad Based Black Economic Empowerment (BBBEE) Status</b>							
	(Mark the applicable option(s) with an X)							
	<input type="checkbox"/>	Historically Disadvantaged Individual (HDI)						
	<input type="checkbox"/>	Historically Advantaged Individual (HAI)						
	<input type="checkbox"/>	Black Economic Empowerment (BEE) Compliant						
<b>3. WATER USE DETAILS</b>								
3.1	Name of water resource		Unnamed Tributary (ephemeral) to Orange River					
3.2	Type of water source (mark only one with X)		<input checked="" type="checkbox"/> River / stream	<input type="checkbox"/> Spring / Eye	<input type="checkbox"/> Groundwater	<input type="checkbox"/> Dam		
			<input type="checkbox"/> Wetland	<input type="checkbox"/> Lake	<input type="checkbox"/> GWS (scheme)	<input type="checkbox"/> Estuary		
			If water source is government water scheme, give the name:					
3.3	Coordinates in respect to Water Use (START OF SAND MINING IN RIVER SECTION UPSTREAM)							
	S 2 8 ° 4 9 ' 4 3 . 2 " or S . . . . . ° or S ° . . . . . ' ,							
	E 2 0 ° 3 6 ' 5 9 . 1 " or E . . . . . ° or E ° . . . . . ' ,							
	Datum type		<input type="checkbox"/> Cape (Modified Clarke 1880)			<input checked="" type="checkbox"/> GWS-84		

3.4	Quaternary Drainage Region	D	5	3	J
3.5	Select the Applicable Water Management Area				
	01 Limpopo	<input type="checkbox"/>	05 Vaal	<input type="checkbox"/>	09 Berg-Olifants
	02 Olifants	<input type="checkbox"/>	06 Orange (LOWER ORANGE)	X	
	03 Inkomati-Usuthu	<input type="checkbox"/>	07 Mzimvubu-Tsitsikamma		
	04 Pongola-Umzimkulu	<input type="checkbox"/>	08 Breede-Gouritz		
3.6	Description of Activities In Relation to the Water Use Application (for what purpose):				
	<p>The applicable Water Use activities are Section 21(c) related to impeding or diverting the flow of water in a watercourse, and Section 21(i) related to altering the bed, banks, course or characteristics of a watercourse.</p> <p>The mining area is situated in the Hartbees River over a portion of Erf 1768 Kakamas-South. The operation is to be carried out in terms of a Mining Permit MP that is in progress and to be issued to Kobus Duvenhage Bouers BK (Reg. 2003/014333/23).</p> <p>Mining is in the form of a simple process that only includes loading and hauling of river sand from a sand quarry. No processing is taking place as the raw sand is sold as a FoT product and only limited stockpiling is taking place.</p> <p><b>Construction phase</b> Due to the small scale of operations no permanent infrastructure will be developed and only existing farm tracks will be used. Upgrading of the existing tracks will be done as part of the construction phase. No buildings and infrastructure will be required as the operation will be run from the company headquarters where all logistics will be available.</p> <p><b>Operational phase</b> During operations mining will only consist of loading and hauling of river sand. Only temporary product stockpiles will be developed as sand will be transported to the company headquarters for stockpiling and distribution as it is loaded.</p> <p>Only one excavator or FEL will be used in the mining process for loading of sand onto the haul trucks. As part of this phase training of personnel in the implementation of the EMPr will be undertaken and the implementation of the environmental awareness plan as part of the EMPr will be an ongoing process.</p> <p><b>Decommissioning phase</b> The decommissioning phase at the end of the life of the mine will consist of implementing this final rehabilitation, decommissioning and closure plan.</p>				
3.7	Select the applicable Water Use (WU) sector(s) – Purpose of the WU				
	<input type="checkbox"/> Agriculture: Aquaculture	<input type="checkbox"/> Power Generation	<input type="checkbox"/> Commercial Forestry		
	<input type="checkbox"/> Agriculture: Irrigation	<input type="checkbox"/> Recreation	<input type="checkbox"/> Water Supply Service		
	<input type="checkbox"/> Agriculture: Watering Livestock	<input type="checkbox"/> Development	<input type="checkbox"/> Industrial		
	<input type="checkbox"/> Sanitation	X Mining (sand mining)	<input type="checkbox"/> Other:		
	If Other is selected, Please Specify:				
<b>DECLARATION BY APPLICANT OR WATER USER</b>					
I <u>Jacobus Johannes Duvenhage</u> hereby declare that the information provided by me/us in this application form is, to the best of my/our knowledge, true and correct.					
	Signature	Date (ccyymmdd)	Thumbprint (only if requested)		
	J.J Duvenhage Representative of Kobus Duvenhage Bouers CC	2 0 1 7 0 7 0 7			

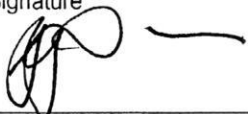
4. PROPERTY WHERE WATER USE(S) WILL OCCUR											
4.1	Name of Property where water use takes place (farm, stand or community): Description as per the Deeds Act if applicable, or Name of agricultural holding, farm, township, town or city. In the event of multiple properties and water uses, please only list one considered to be the main property. The rest of the property details shall be submitted with the water use technical report.										
	<b>The mining area is situated in the Hartbees Rivier over a portion of Property 1768 Kakamas-South.</b>										
	Deeds Registration Date (ccyymmdd):	1	9	9	6	0	9	1	7		
4.2	Property Type (mark only one with an X)										
	<input type="checkbox"/> Agricultural Holding <input type="checkbox"/> Exclusive Use Areas (EUA) <input type="checkbox"/> Sectional Scheme (To Obtain EUA) <input type="checkbox"/> Sectional Scheme Unit <input type="checkbox"/> Unspecified <input type="checkbox"/> Erf <input checked="" type="checkbox"/> Farm <input type="checkbox"/> Sectional Scheme (to obtain units) <input type="checkbox"/> Township <input type="checkbox"/> Unsurveyed										
4.3	If the property type is unsurveyed, complete the following:										
	a) Surname and initials of leader of village, community or tribal authority										
								Initials			
	b) Local Authority										
	c) Magisterial District										
	d) Tribal Authority/Council										
4.4	If the property type is not equal to unsurveyed, complete the following:										
	a) Deeds Office	<b>Cape Town</b>									
	b) Registration Division	<b>Kenhardt</b>									
	c) Property No (i.e. Farm No./Erf No./ Holding Area No./Scheme No.)	<b>1768</b>									
	d) Portion of Property										
	e) Title Deed Number	<b>T 72312/1996</b>									
5. DETAILS OF PROPERTY OWNER											
5.1	Nature of property owner (mark only one block with X)										
	<input type="checkbox"/> Individual (complete 5.2)					<input type="checkbox"/> Provincial Department (complete 5.4)					
	<input checked="" type="checkbox"/> Company, business, partnership or community FAMILY TRUST (complete 5.4)					<input type="checkbox"/> Water Services Provider or Water Services Authority (complete 5.6)					
	<input type="checkbox"/> National Department (complete 5.5)					<input type="checkbox"/> Water User Association (complete 5.7)					
5.2	If property owner is an individual										
5.2.1	Surname				Maiden Name						
5.2.2	Initials		Title		Position or official status						
5.2.3	Marital Status (mark only one):				<input type="checkbox"/> Married In Community Of Property			<input type="checkbox"/> Married Out Of Community Of Property			
					<input type="checkbox"/> Unmarried						
5.3	If holder of South African ID:										
5.3.1	ID Number										

<b>5.3.2 If not holder of South African ID:</b>			
<b>5.3.2.1</b> Passport No.			
<b>5.3.2.2</b> Expiry Date (ccyymmdd)			
<b>5.3.2.3</b> Country of issue			
<b>5.4 If the property owner is a company, business, partnership or community:</b>			
<b>5.4.1</b> Name of company, business, partnership or community:			
CHRISTIE JORDAAN BOERDERY TRUST			
<b>5.4.2</b> Trading name if different from name of company, business, partnership or community:			
N/A			
<b>5.4.3</b> Type of Enterprise (mark only one with an X)			
<input type="checkbox"/> 06 Public Company (Ltd)	<input type="checkbox"/> 07 Private Company (Pty) Ltd	<input type="checkbox"/> 08 Article 21 (Association inc under Section 21)	
<input type="checkbox"/> 09 Limited By Guarantee	<input type="checkbox"/> 10 External Company	<input type="checkbox"/> 11 External Company under Article 21	
<input type="checkbox"/> 20 Transvaal Ordinance	<input type="checkbox"/> 21 Incorporated (Inc)	<input type="checkbox"/> 22 Unlimited	
<input type="checkbox"/> 23 Close Corporation (CC)	<input type="checkbox"/> Parastatal	<input checked="" type="checkbox"/> Trust	
<input type="checkbox"/> Other [i.e. Non-CIPRO Company Types (e.g. Churches, Schools, Community Groups, etc.) excluding Trust & Parastatal]			
<b>5.4.4</b> Business Registration Number		T 1 8 9 / 9 5	
<b>5.4.5</b> Date Established (ccyymmdd)		1 9 9 5 1 2 0 6	
<b>5.4.6</b> Country Where Established		South Africa	
<b>5.5 If the property owner is a National Department:</b>			
<b>5.5.1</b> National Department Name:			
<b>5.6 If the property owner is a Provincial Department:</b>			
<b>5.6.1</b> Province:			
<b>5.6.2</b> Provincial Department Name:			
<b>5.7 If the property owner is a Water Services Provider or Water Services Authority:</b>			
<b>5.7.1</b> Name of WSP or WSA:			
<b>5.8 If the property owner is a Water User Association:</b>			
<b>5.8.1</b> Name of WUA:			
<b>5.9 Postal Address:</b>			
PO Box 32 Kakamas		Postal Code	8 8 7 0
<b>5.10 Street Address (only if different from postal address):</b>			
		Postal Code	
<b>5.11 Contact Telephone Number During Office Hours</b>			
Area/cell code	0 5 4	Number	4 3 1 0 9 4 3 Ext
Alternative contact number			
Area/cell code		Number	Ext
<b>5.12 DECLARATION BY PROPERTY OWNER</b>			
<b>5.12.1 Position or official status: (Please specify if Property Owner or Lessee):</b> (If not the property owner, please submit letter of authority to sign on behalf of the property owner)			
I declare that the applicant defined in this application has lawful access to the property and carry out the water use activity or activities related to this application.			
Landowner and Trustee of CHRISTIE JORDAAN BOERDERY TRUST	Signature 	Date (ccyymmdd) 2017/10/05	Thumbprint (only if requested)



<b>6.</b>	<b>TERMS &amp; CONDITIONS</b>
6.1	In this License Application Form, unless the context clearly shows a different intention, the words defined below will have the meanings given to them, and similar words or expressions will have corresponding similar meanings:- 1. Act means the National Water Act, 1998(Act No 36 of 1998). 2. Property means the property where the water use will take place
6.2.	The Department of Water and Sanitation has a zero tolerance approach to fraud, corruption and any other irregular conduct. I make a commitment to report any potential corrupt activity by any employee of the Department of Water and Sanitation to the National Anti-Corruption Hotline: 0800 701 701, Fax Number: 0800 204 965 and Postal Address: P O Box 582, Umhlanga Rocks, Kwazulu-Natal, 432.
6.3	I undertake not to fail to provide access to any books, accounts, documents or assets when required to do so under this Act as provided for in section 151(1)(b) of the National Water Act, 1998 (Act No 36 of 1998).
6.4	I undertake not to use water otherwise than as permitted under this Act as provided for in section 151(1)(a) of the National Water Act, 1998 (Act No 36 of 1998).
6.5	I undertake not to fail or refuse to give data or information, or give false or misleading data or information when required to give information under this Act as provided for in section 151(1)(f) of the National Water Act, 1998 (Act No 36 of 1998).

**I declare that agree with the Terms and conditions of this application:**

J.J Duvenhage Representative of Kobus Duvenhage Bouers CC	Signature 	Date (ccyymmdd) 05/10/2017	Thumbprint (only if requested)
---	--	-------------------------------	--------------------------------

**7. THIS SECTION IS RESERVED FOR OFFICE USE ONLY**

<b>7.1 LIST OF SUPPORTING DOCUMENTATION RECEIVED</b>	
Mark with an X if these documents have been submitted with this application	
Certified Copy of Identity Document (of the Representative and/or an Applicant)	X
Certified Copy of Business Registration Certificate (if applicant is a Company)	X
Certified Copy of Title Deeds Document and/or Permission to Occupy	X
Certified Copy of Letter of Authority/Power of Attorney to sign on behalf of the Prospective Water User	X
Proof of Payment of Water Licensing Fee	X
Certified Copy of BBBEE certificate	<input type="checkbox"/>
Master Layout Plan (optional)	<input type="checkbox"/>
<b>7.2 WATER USE LICENSE QUALITY MANAGMENT ASSESSMENT</b>	
File number (i.e. Office Hardcopy Register File No)	
Received by:	
Surname	
Initials	
Position / Rank	
Signature	Date (ccyymmdd)
Date stamp of receiving office	

**Appendix 5:**

**DW758/771 Company**



**water affairs**

Department:  
Water Affairs  
REPUBLIC OF SOUTH AFRICA

## REGISTRATION/LICENSING PART 1

## COMPANY, BUSINESS, PARTNERSHIP OR COMMUNITY, NATIONAL OR PROVINCIAL GOVERNMENT

### 1. GENERAL INFORMATION

Mark the applicable option(s) with an X and/or complete details where applicable/available.

Indicate the nature of this application:

- New registration  Minor change  
 Formal amendment  
 Registration Number

### 2. PARTICULARS OF THE APPLICANT

Application for:  
(Mark one block with an X)

- Company, business, partnership or community (complete part 3,5,6,7 and 8)  
 National or provincial government (complete part 4,5,6,7 and 8 excl. 8.1.2)

### 3. PARTICULARS OF THE COMPANY, BUSINESS, PARTNERSHIP OR COMMUNITY

3.1 Name of company, business, partnership or community:

Kobus Duvenhage Bouers (Pty) Ltd

3.2 Trading name if different from name of company, business, partnership or community:

N/A

3.3 Type of enterprise:  
(Mark one block with an X)

- 06 Public Company (Ltd)  07 Private Company (Pty) Ltd  
 08 Article 21 (Association Inc. under Article 21 of the Company Act No. 61 of 1973)  09 Limited By Guarantee  
 10 External Company  11 External Company under article 21 of the Company Act No. 61 of 1973  
 20 Transvaal Ordinance  21 Incorporated (Inc)  
 22 Unlimited  23 Close Corporation (CC)  
 Parastatal  Trust  
 Other [i.e. non-CIPRO Company types (e.g. Churches, Schools, Community Groups, etc.) excluding Trust and Parastatal]

3.4 Business enterprise registration number:

2014/043777/07

3.5 Date established:  
(ccyy/mm/dd)

2 0 1 4 0 2 2 8

3.6 Country where established:

RSA

3.7 VAT registration number:

4660204241

**4. PARTICULARS OF NATIONAL OR PROVINCIAL GOVERNMENT****4.1 National Department:**

NA

**4.2 a) Provincial Department:**

NA

**b) Province:**

NA

**5. APPLICANT CONTACT DETAILS****5.1 Postal Address:**

Private Bag X5879

Upington

Upington

Postal Code 8 8 0 0

**5.2 Street Address (only if different from postal address):**

Erf 1070, Louisvale-weg

Upington

Postal Code 8 8 0 1

**5.3 Contact telephone number during office hours**

Area/cell code

0 5 4

Number

3 3 4 0 0 3 1

Ext

**Alternative contact number**

Area/cell code

0 5 4

Number

3 3 4 0 0 0 7

Ext

**5.4 E-mail** accounts@kdbuild.co.za**6. CONTACT PERSON DETAILS****6.1 Title** Mr**6.2 Name** Erik**6.3 Surname** Ludik**6.4 Telephone**

Area/cell code

0 5 4

Number

3 3 4 0 0 3 1

Ext

**6.5 Cell Phone Number**

Area/cell code

0 7 9

Number

8 8 4 1 1 9 6

**6.6 Fax**

Area/cell code

0 5 4

Number

3 3 4 0 0 0 7

Ext

**6.7 E-mail** erik@inkubaupt.co.za**6.8 Preferred Form Of Communication** e-mail

### Declaration by applicant (or person who was granted power of attorney by the applicant)

Surname of delegated person:

D u v e n h a g e

Title:

M r

Initials:

J J

ID Number:

6 4 0 6 2 9 5 0 6 7 0 8 9

Passport Number:

(if not a holder of South African ID)

Expiry Date (ccyy/mmdd):

I Jacobus J Duvenhage as Director hereby declare that the information provided by me in this application form is, to the best of my/our knowledge, true and correct.

Signature



Director Kobus Duvenhage Bouers (Pty) Ltd

Designation of signatory

Thumb print

+27 54 334 0031

Contact number during office hours

Date (ccyy/mm/dd)

**It is a criminal offence to provide information that is false or misleading.**



## 7. LIST OF PART 2 DOCUMENTS (WATER USE RELATED FORMS)

Mark with an X which of the following documents have been submitted with this application

- |                                     |                         |                                     |  |
|-------------------------------------|-------------------------|-------------------------------------|--|
| <input type="checkbox"/>            | DW760 NWA-Section 21(a) | <input checked="" type="checkbox"/> | DW768 NWA-Section 21(i)  |
| <input type="checkbox"/>            | DW761 NWA-Section 21(b) | <input type="checkbox"/>            | DW780 NWA-Section 21(h)  |
| <input type="checkbox"/>            | DW762 NWA-Section 21(b) | <input type="checkbox"/>            | DW805 NWA-Section 21(j)  |
| <input checked="" type="checkbox"/> | DW763 NWA-Section 21(c) | <input type="checkbox"/>            | DW806 NWA-Section 21(k)  |
| <input type="checkbox"/>            | DW764 NWA-Section 21(d) | <input checked="" type="checkbox"/> | DW901 Property or properties where water use occurs                |
| <input type="checkbox"/>            | DW765 NWA-Section 21(e) | <input checked="" type="checkbox"/> | DW902 Details of property owner                                    |
| <input type="checkbox"/>            | DW766 NWA-Section 21(f) | <input type="checkbox"/>            | DW903 Actual/Monitored waste discharge details NWA-Section 21(f/h) |
| <input type="checkbox"/>            | DW767 NWA-Section 21(g) | <input type="checkbox"/>            | DW904 Actual/Monitored waste discharge details NWA-Section 21(e/g) |

## 8. THIS SECTION IS RESERVED FOR OFFICE USE ONLY

### 8.1 Billing information

8.1.1   WMA for billing\*

\* Water Management Area Codes

01 Limpopo	05 Inkomati	09 Middle Vaal	13 Upper Orange	17 Olifants/Doorn
02 Luvuvhu/Letaba	06 Usutu-Mhlatuze	10 Lower Vaal	14 Lower Orange	18 Breede
03 Crocodile (W), Marico	07 Thukela	11 Mvoti-Umzimkulu	15 Fish-Tsitsikamma	19 Berg
04 Olifants	08 Upper Vaal	12 Mzimvubu-Keiskamma	16 Gouritz	

8.1.2 District Municipal Establishment Levy Payable  Yes  No

### 8.2 Mark with an X which of the following documents have been submitted with this application

- Certified copy of South African identity document
- Certified copy of passport



**Appendix 6:**

**DW763/775 Section 21(c)**





## water affairs

Department:  
Water Affairs  
REPUBLIC OF SOUTH AFRICA

### Registration / Licensing

#### Part 2

### Section 21(c) of the National Water Act

### IMPEDING OR DIVERTING THE FLOW OF WATER IN A WATERCOURSE

#### SPECIAL NOTE

This form is not applicable to any structure that is capable of containing, storing or impounding water.  
For these structures, please complete form DW762

#### 1. GENERAL INFORMATION

Mark the applicable option(s) with an X and/or complete details where applicable/available.

1.1	Have you already registered a water use with the Department of Water Affairs and Forestry?	<input type="checkbox"/> Yes Registration Number: <input type="text"/> Water Use Number: <input type="text"/>  <input type="checkbox"/> Licence Related WU  RLA Reference <input type="text"/>  NRWU Licence Number <input type="text"/>  RLA Business Unit <input type="text"/>	X No
-----	--	---	------

(NRWU = National Register of Water Use; RLA = Responsible Licensing Authority; WU = Water Use)

1.2	<b>Applicant Type</b> (mark only one block with X) <input type="checkbox"/> Individual (complete 1.3) <input checked="" type="checkbox"/> Company, business, partnership or community (complete 1.4) <input type="checkbox"/> National Department (complete 1.5)	<input type="checkbox"/> Provincial Department (complete 1.6) <input type="checkbox"/> Water Services Provider (complete 1.7) <input type="checkbox"/> Water User Association (complete 1.8)
-----	---	--

#### 1.3 If the applicant is an individual

1.3.1	Title	<input type="text"/>	Surname	<input type="text"/>	Initials	<input type="text"/>
-------	-------	----------------------	---------	----------------------	----------	----------------------

#### For office use only

Allocated Reg. No.	<input type="text"/>	WU No.	<input type="text"/>
--------------------	----------------------	--------	----------------------

**1.3.2 South African ID (if holder of South African Id) alternatively Passport Number:**

ID Number or Passport Number

--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Passport Expiry Date  
(ccyymmdd)

--	--	--	--	--	--	--	--	--	--	--	--

Passport Country Of Issue

**1.4 If the applicant is a company, business, partnership or community:****1.4.1** Name of company, business, partnership or community:
**1.4.2** Business Enterprise Registration Number

2	0	1	4	/	0	4	3	7	7	7	/	0	7
---	---	---	---	---	---	---	---	---	---	---	---	---	---

**1.4.3** Date Established (ccyymmdd)

2	0	1	4	0	2	2	8
---	---	---	---	---	---	---	---

Country Where Established

**1.5 If the applicant is a National Department:****1.5.1** National Department Name:
**1.6 If the property owner is a Provincial Department:****1.6.1** Province:
**1.6.2** Provincial Department Name:
**1.7 If the applicant is a Water Services Provider:****1.7.1** Name of WSP:
**1.8 If the applicant is a Water User Association:****1.8.1** Name of WUA:
**1.9 BBBEE Status**

Mark the applicable option(s) with an X)

- Historically Disadvantaged Individual (HDI)
- Historically Advantaged Individual (HAI)
- Black Economic Empowerment (BEE) Compliant

### Declaration by applicant

I **Jacobus J Duvenhage** as Director hereby declare that the information provided by me/us in this application form is, to the best of my knowledge, true and correct.



Signature

**Director Kobus Duvenhage Bouers (Pty) Ltd**

Designation of signatory



Thumb print

**+27 54 334 0031**

Contact number during office hours

Date (ccyy/mm/dd)

**It is a criminal offence to provide information that is false or misleading.**

**2. SUCCESSION/TRANSFER AND SOURCE PART 2 DETAILS**

2.1 Is this a succession Related Water Use?  Yes  
 (Mark only one box with an X)  No

2.2 If yes, complete the following source details:

2.3 Source Register Number 


 WU Number 


  
 Source Register Number 


 WU Number 


  
 Source Register Number 


 WU Number 


**3. NATURE OF ACTIVITY (mark one category with X and enter any details required)**

3.1 Registration of (mark only one block with X)  Impeding flow (complete part 4,5,7,8,9 & 10)  
 Diverting flow (complete part 4,6,7,8,9 & 10)

**4. WATER RESOURCE INFORMATION**

4.1 Name of water source (watercourse, surface water or estuary)

4.2 Type of water source (mark with an X)  
 River or stream  Spring  Estuary  Wetland  Eye

4.3 Quaternary Drainage Region 

D	5	3	J
---	---	---	---

**5. IMPEDING THE FLOW IN A WATERCOURSE**

5.1 Geographic location of the impedance (in one format only) (STARTING POINT UPSTREAM OF SAND MINING ACTIVITY)

Latitude 

S	2	8	°	4	9	'	4	3	.	2	"
---	---	---	---	---	---	---	---	---	---	---	---

 or 

--	--	--	--	--	--	--	--	--	--	--	--

 ° or S 

--	--	--	--	--	--	--	--	--	--	--	--

 °  
 Longitude 

E	2	0	°	3	6	'	5	9	.	1	"
---	---	---	---	---	---	---	---	---	---	---	---

 or 

--	--	--	--	--	--	--	--	--	--	--	--

 ° or E 

--	--	--	--	--	--	--	--	--	--	--	--

 °

Datum Type:  Cape (Modified Clarke 1880)  WGS-84

5.2 Name of Impeding structure

5.3 Impeding structure

a) Height of structure\*    metres

\* "Height" is the vertical difference between the lowest downstream ground elevation on the structure and the crest level or the general top level of the structure

b) Width of structure (measured at widest part of the structure)    metres

c) Length of structure    metres

d) Materials used in building the structure (list)

**No structures but excavations due to sand mining average depth 1.5 meter may impede flow during low flow events**

5.4 Enter the number of impeding structures on this property

6. DIVERTING THE FLOW IN A WATERCOURSE

6.1 Geographic location of the diversion

a) Geographic location of the start of the diversion (in one format only) (UPSTREAM START POINT)

Latitude   °  '  .  " or  ° or S  °  .  "

Longitude   °  '  .  " or  ° or E  °  .  "

Datum Type:  Cape (Modified Clarke 1880)  WGS-84

b) Geographic location of the end of the diversion (in one format only) (DOWNSTREAM END POINT)

Latitude   °  '  .  " or  ° or S  °  .  "

Longitude   °  '  .  " or  ° or E  °  .  "

Datum Type:  Cape (Modified Clarke 1880)  WGS-84

6.2 Name of Diversion structure

**No diversion but excavations due to sand mining average depth 1.5 meter may divert the flow locally within the seasonal stream during flood events**

6.3 Diversion structure

a) Height of structure\*    metres

\* "Height" is the vertical difference between the lowest downstream ground elevation on the structure and the crest level or the general top level of the structure

b) Width of structure (measured at widest part of the structure)    metres

c) Length of diversion along the watercourse (mark units with X)     kilometers  metres

d) Materials used in building the structure

**No diversion but excavations due to sand mining average depth 1.5 meter may divert the flow locally within the seasonal stream during flood events**

6.4 Enter the number of diversion structures on this property

## 7. ACTIVITY AFFECTING FLOW IN WATERCOURSE

7.1 Description of activity (mark only one block with X)

- Diversion through a pipe                       Diversion through a canal                       Impeding structure  
 Other diversion (specify below)

**No structures but excavations due to sand mining average depth 1.5 meter may impede flow during low flow events or divert the flow locally within the seasonal stream during flood events**

7.2 Start date of activity (ccyymmdd)

2 0 1 7 1 2 0 1

7.3 Flow rate before diversion or impedance

0

cubic metres per second

7.4 Flow rate after diversion or impedance

0

cubic metres per second

7.5 Purpose of the activity (e.g. "to continue with mining")

Sand Mining

7.6 If the activity is mining-related, complete the following

- e) Distance of the mining-related activity from the original watercourse      0 metres
- f) Distance of the mining-related activity from the watercourse after impedance or diversion      0 metres
- g) Depth of undermining of watercourse, if applicable      0 metres
- h) Mining method used in c), (if any) **Opencast sand mining in the form of strip mining within the river channel**

## 8. DESCRIPTION OF WATER USE SECTOR(S)

8.1 Where applicable select one more of the following water use sectors

- |  |   |
|--|---|
| <input type="checkbox"/> Agriculture: Aquaculture        | <input type="checkbox"/> Industry (Urban)     |
| <input type="checkbox"/> Agriculture: Irrigation         | <input checked="" type="checkbox"/> Mining    |
| <input type="checkbox"/> Agriculture: Watering Livestock | <input type="checkbox"/> Power Generation     |
| <input type="checkbox"/> Evaporation (Storage)           | <input type="checkbox"/> Recreation           |
| <input type="checkbox"/> Industry (Non-urban)            | <input type="checkbox"/> Water Supply Service |
| <input type="checkbox"/> Conservation                    |   |

**10. PROPERTY RELATIONSHIP DETAILS** (Complete supplementary forms DW901 & DW902)

Property Name	Surveyed Property		Unsurvey property
Erf 1768, Kakamas South	Title Deed Number	<b>T72312/1996</b>	Surname of the Leader of Village, Community or Tribal Author
	Surveyor-General Cadastral Code	<b>C03600060000176800000</b>	Initial of the Leader of Village, Community or Tribal Authority
	Property Number	<b>1768</b>	Local Authority (if applicable)
	Portion of property		Magisterial District (if applicable)
			Tribal Authority/Council (if applicable)
	Title Deed Number		Surname of the Leader of Village, Community or Tribal Author
	Surveyor-General Cadastral Code		Initial of the Leader of Village, Community or Tribal Authority
	Property Number		Local Authority (if applicable)
	Portion of property		Magisterial District (if applicable)
			Tribal Authority/Council (if applicable)
	Title Deed Number		Surname of the Leader of Village, Community or Tribal Author
	Surveyor-General Cadastral Code		Initial of the Leader of Village, Community or Tribal Authority
	Property Number		Local Authority (if applicable)
	Portion of property		Magisterial District (if applicable)
			Tribal Authority/Council (if applicable)
	Title Deed Number		Surname of the Leader of Village, Community or Tribal Author
	Surveyor-General Cadastral Code		Initial of the Leader of Village, Community or Tribal Authority
	Property Number		Local Authority (if applicable)
	Portion of property		Magisterial District (if applicable)
			Tribal Authority/Council (if applicable)



**9. EXISTING AUTHORISATION**

9.1 Water use started on (ccyymmdd)

9.2 If this is an existing water use, mark with X and enter permit numbers

	Permit number	Date (ccyymmdd)
Permit No.	<input type="text"/>	<input type="text"/>
Permit No.	<input type="text"/>	<input type="text"/>
Permit No.	<input type="text"/>	<input type="text"/>
Permit No.	<input type="text"/>	<input type="text"/>
Permit No.	<input type="text"/>	<input type="text"/>
Permit No.	<input type="text"/>	<input type="text"/>

9.3 If water use takes place in terms of the General Authorisation, mark with an X

\*If yes complete the following details after confirmation with relevant DWAF/CMA officials:

<b><u>Date(s) from which applicable GA is/was applicable to this water use</u></b>			
South African Act:	<b>National Water Act (Act No. 36 of 1998)</b>	Applicable section of the act	Section 21
	[E.g. National Water Act (Act No. 36 of 1998)]		[E.g. Section 21]
Date From (ccyymmdd)	<input type="text" value="2"/> <input type="text" value="0"/> <input type="text" value="1"/> <input type="text" value="6"/> <input type="text" value="0"/> <input type="text" value="8"/> <input type="text" value="2"/> <input type="text" value="6"/>	Government Notice No.	<input type="text" value="5"/> <input type="text" value="0"/> <input type="text" value="9"/>
Date To (ccyymmdd)	<input type="text" value="2"/> <input type="text" value="0"/> <input type="text" value="3"/> <input type="text" value="6"/> <input type="text" value="0"/> <input type="text" value="8"/> <input type="text" value="2"/> <input type="text" value="5"/>	Government Notice Date (ccyymmdd)	<input type="text" value="2"/> <input type="text" value="0"/> <input type="text" value="1"/> <input type="text" value="6"/> <input type="text" value="0"/> <input type="text" value="8"/> <input type="text" value="2"/> <input type="text" value="6"/>
Applicable Section Of The General Authorisation		21 (i) 21 (c)	
Date From (ccyymmdd)	<input type="text"/>	Government Notice No.	<input type="text"/>
Date To (ccyymmdd)	<input type="text"/>	Government Notice Date (ccyymmdd)	<input type="text"/>
Applicable Section Of The General Authorisation		21 (i) 21 (c)	
Date From (ccyymmdd)	<input type="text"/>	Government Notice No.	<input type="text"/>
Date To (ccyymmdd)	<input type="text"/>	Government Notice Date (ccyymmdd)	<input type="text"/>
Applicable Section Of The General Authorisation			

9.4 If an authorisation has been issued under other legislation

Law /Regulation





Received by:

Surname

Initials

Position / Rank

Signature

Captured on NRWU database  
(ccymmdd)

Capured by:

Surname

Initials

Signature

Date stamp of receiving office

**Appendix 7:**

**DW768/781 Section 21(i)**



## water affairs

Department:  
Water Affairs  
REPUBLIC OF SOUTH AFRICA

### Registration / Licensing

### Section 21(i) of the National Water Act

#### Part 2

### ALTERING THE BED, BANKS, COURSE OR CHARACTERISTICS OF A WATERCOURSE

#### SPECIAL NOTE

This form is not applicable for any structure that impedes or diverts flow.  
For these structures, please complete form DW763/775

#### 1. GENERAL INFORMATION

Mark the applicable option(s) with an X and/or complete details where applicable/available.

1.1	Have you already registered a water use with the Department of Water Affairs and Forestry?	<input type="checkbox"/> Yes Registration Number: <input type="text"/> Water Use Number: <input type="text"/>  <input type="checkbox"/> Licence Related WU  RLA Reference <input type="text"/>  NRWU Licence Number <input type="text"/>  RLA Business Unit <input type="text"/>	X    No
-----	--	---	---------

(NRWU = National Register of Water Use; RLA = Responsible Licensing Authority; WU = Water Use)

#### 1.2 Applicant Type (mark only one block with X)

- |  |   |
|--|---|
| <input type="checkbox"/> Individual (complete 1.3)   | <input type="checkbox"/> Provincial Department (complete 1.6)   |
| <input checked="" type="checkbox"/> Company, business, partnership or community (complete 1.4) | <input type="checkbox"/> Water Services Provider (complete 1.7) |
| <input type="checkbox"/> National Department (complete 1.5)                                    | <input type="checkbox"/> Water User Association (complete 1.8)  |

#### 1.3 If the applicant is an individual

1.3.1 Title  Surname  Initials

#### For office use only

Allocated Reg. No.  WU No.

**1.3.2 South African ID (if holder of South African Id) alternatively Passport Number:**

ID Number or Passport Number

Passport Expiry Date   
(ccymmdd)

Passport Country Of Issue

**1.4 If the applicant is a company, business, partnership or community:****1.4.1** Name of company, business, partnership or community:**Kobus Duvenhage Bouers (Pty) Ltd****1.4.2** Business Enterprise Registration Number

2 0 1 4 / 0 4 3 7 7 7 / 0 7

**1.4.3** Date Established (ccymmdd)

2 0 1 4 0 2 2 8

Country Where Established

RSA

**1.5 If the applicant is a National Department:****1.5.1** National Department Name:**1.6 If the applicant is a Provincial Department:****1.6.1** Province:**1.6.2** Provincial Department Name:**1.7 If the applicant is a Water Services Provider:****1.7.1** Name of WSP:**1.8 If the applicant is a Water User Association:****1.8.1** Name of WUA:**1.9 BBBEE Status**

Mark the applicable option(s) with an X)

- Historically Disadvantaged Individual (HDI)
- Historically Advantaged Individual (HAI)
- Black Economic Empowerment (BEE) Compliant

### Declaration by applicant

I **Jacobus J Duvenhage** as Director hereby declare that the information provided by me in this application form is, to the best of my knowledge, true and correct.



Signature

**Director Kobus Duvenhage Bouers (Pty) Ltd**

Designation of signatory



Thumb print

**+27 54 334 0031**

Contact number during office hours

Date (ccyy/mm/dd)

**It is a criminal offence to provide information that is false or misleading.**

**2. SUCCESSION/TRANSFER AND SOURCE PART 2 DETAILS**

2.1 Is this a "succession-in-title" related Water Use?  Yes  
 (Mark only one box with an X)  No

2.2 If yes, complete the following source details

2.3 Source Register Number	<table border="1"><tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr></table>											WU Number	<table border="1"><tr><td></td><td></td><td></td><td></td><td></td><td></td></tr></table>						
Source Register Number	<table border="1"><tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr></table>											WU Number	<table border="1"><tr><td></td><td></td><td></td><td></td><td></td><td></td></tr></table>						
Source Register Number	<table border="1"><tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr></table>											WU Number	<table border="1"><tr><td></td><td></td><td></td><td></td><td></td><td></td></tr></table>						

**3. WATER RESOURCE INFORMATION**

3.1 Name of water source

Hartbees Rivier

3.2 Type of water source

River/stream  Estuary  Spring/Eye  Wetland  Dam  Lake

3.3 Quaternary Drainage Region

D 5 3 J

**4. DETAILS OF WATER USE ACTIVITY**

4.1 Name of alteration

Duvenhage Bouers Sandmine Hartbees Rivier

4.2 Location of the alteration

a) Geographic location of the start of the alteration (START OF SAND MINING AT UPSTREAM POINT)

Latitude S 28 ° 49 ' 43 . 2 " or  ° or S  °  .

Longitude E 20 ° 36 ' 59 . 1 " or  ° or E  °  .

Datum Type:  Cape (Modified Clarke 1880)  WGS-84

b) Geographic location of the end of the alteration (if different from the start) (END OF SAND MINING AT DOWNSTREAM POINT)

Latitude S 28 ° 48 ' 55 . 7 " or  ° or S  °  .

Longitude E 20 ° 33 ' 59 . 7 " or  ° or E  °  .

Datum Type:  Cape (Modified Clarke 1880)  WGS-84

4.3 Length of watercourse affected by the alteration   9 0 0 metres

4.4 Type of alteration (mark all applicable with an X)

Bed  Banks  Course  Other (specify below)

Limited impeding of flow during low flow events due to excavations within channel

4.5 Purpose of the alteration  
**Mining of sand from seasonal stream under cover of Mining Permit with approved EMPr.**

4.6 The activity is (mark only one block with X)  Temporary  Permanent

4.7 Start date of the alteration **Start Date (ccyymmdd)**  

2	0	1	7	1	2	0	1
---	---	---	---	---	---	---	---

4.8 End date of the alteration (if temporary) **End Date (ccyymmdd)**  

2	0	2	3	1	2	0	1
---	---	---	---	---	---	---	---

4.9 Enter the number of alterations on this property  

		1
--	--	---

**5. DESCRIPTION OF WATER USE SECTOR(S)**

- 5.1 Where applicable select one or more of the following water use sectors
- |  |   |
|--|---|
| <input type="checkbox"/> Agriculture: Aquaculture        | <input type="checkbox"/> Industry (Urban)     |
| <input type="checkbox"/> Agriculture: Irrigation         | <input checked="" type="checkbox"/> Mining    |
| <input type="checkbox"/> Agriculture: Watering Livestock | <input type="checkbox"/> Power Generation     |
| <input type="checkbox"/> Evaporation (Storage)           | <input type="checkbox"/> Recreation           |
| <input type="checkbox"/> Conservation                    | <input type="checkbox"/> Water Supply Service |

**6. EXISTING AUTHORISATION**

6.1 Water use started on **Date (ccyymmdd)**  

0	0	0	0	0	0	0	0
---	---	---	---	---	---	---	---

6.2 If water use is an existing water use, mark with X and enter permit numbers  **Date (ccyymmdd)**

	Permit number	Date (ccyymmdd)
Permit No.	<table border="1" style="width: 100%; height: 20px;"></table>	<table border="1" style="width: 100%; height: 20px;"></table>
Permit No.	<table border="1" style="width: 100%; height: 20px;"></table>	<table border="1" style="width: 100%; height: 20px;"></table>
Permit No.	<table border="1" style="width: 100%; height: 20px;"></table>	<table border="1" style="width: 100%; height: 20px;"></table>
Permit No.	<table border="1" style="width: 100%; height: 20px;"></table>	<table border="1" style="width: 100%; height: 20px;"></table>
Permit No.	<table border="1" style="width: 100%; height: 20px;"></table>	<table border="1" style="width: 100%; height: 20px;"></table>
Permit No.	<table border="1" style="width: 100%; height: 20px;"></table>	<table border="1" style="width: 100%; height: 20px;"></table>



6.3 If water use is in terms of the General Authorisation, mark with X

X

\*If yes complete the following details after confirmation with relevant DWAF/CMA officials:

<b>Date(s) from which applicable GA is/was applicable to this water use</b>			
South African Act:	National Water Act (Act No. 36 of 1998)	Applicable section of the act	Section 21 (c) & (i)
	[E.g. National Water Act (Act No. 36 of 1998)]		[E.g. Section 21]
Date From (ccyymmdd)	2 0 1 6 0 8 2 6	Government Notice No.	5 0 9
Date To (ccyymmdd)	2 0 3 6 0 8 2 5	Government Notice Date (ccyymmdd)	2 0 1 6 0 8 2 6
Applicable Section Of The General Authorisation		All sections	
Date From (ccyymmdd)		Government Notice No.	
Date To (ccyymmdd)		Government Notice Date (ccyymmdd)	
Applicable Section Of The General Authorisation			
Date From (ccyymmdd)		Government Notice No.	
Date To (ccyymmdd)		Government Notice Date (ccyymmdd)	
Applicable Section Of The General Authorisation			

6.4 If an authorisation has been issued under other legislation

Law /Regulation

Section 27 of the MPRDA, 2002 (Act No. 28 of 2002)

**7. PROPERTY RELATIONSHIP DETAILS** (Complete supplementary forms DW901 & DW902)

Property Name	Surveyed Property		Unsurveyed property		Property Relationship Date	
					From:	To:
ERF 1768	Title Deed Number	<b>T72312/1996</b>	Surname of the Leader of Village, Community or Tribal Authority		1996/06/25	Current
	Surveyor-General Cadastral Code	<b>C03600060000017680000</b>	Initial of the Leader of Village, Community or Tribal Authority			
	Property Number	<b>1768</b>	Local Authority (if applicable)			
	Portion of property		Magisterial District (if applicable)			
			Tribal Authority/Council (if applicable)			
	Title Deed Number		Surname of the Leader of Village, Community or Tribal Authority			
	Surveyor-General Cadastral Code		Initial of the Leader of Village, Community or Tribal Authority			
	Property Number		Local Authority (if applicable)			
	Portion of property		Magisterial District (if applicable)			
			Tribal Authority/Council (if applicable)			
	Title Deed Number		Surname of the Leader of Village, Community or Tribal Authority			
	Surveyor-General Cadastral Code		Initial of the Leader of Village, Community or Tribal Authority			
	Property Number		Local Authority (if applicable)			
	Portion of property		Magisterial District (if applicable)			
			Tribal Authority/Council (if applicable)			
	Title Deed Number		Surname of the Leader of Village, Community or Tribal Authority			
	Surveyor-General Cadastral Code		Initial of the Leader of Village, Community or Tribal Authority			
	Property Number		Local Authority (if applicable)			
	Portion of property		Magisterial District (if applicable)			
			Tribal Authority/Council (if applicable)			



File number

Water Use Register Number

Received by:

Surname

Initials

Position / Rank

Signature

Captured on NRWU database (ccyymmdd)

Capured by:

Surname

Initials

Signature

Date stamp of receiving office

**Appendix 8:**

**DW 775/781 Supplementary Form for Section 21(c) & 21(i)**



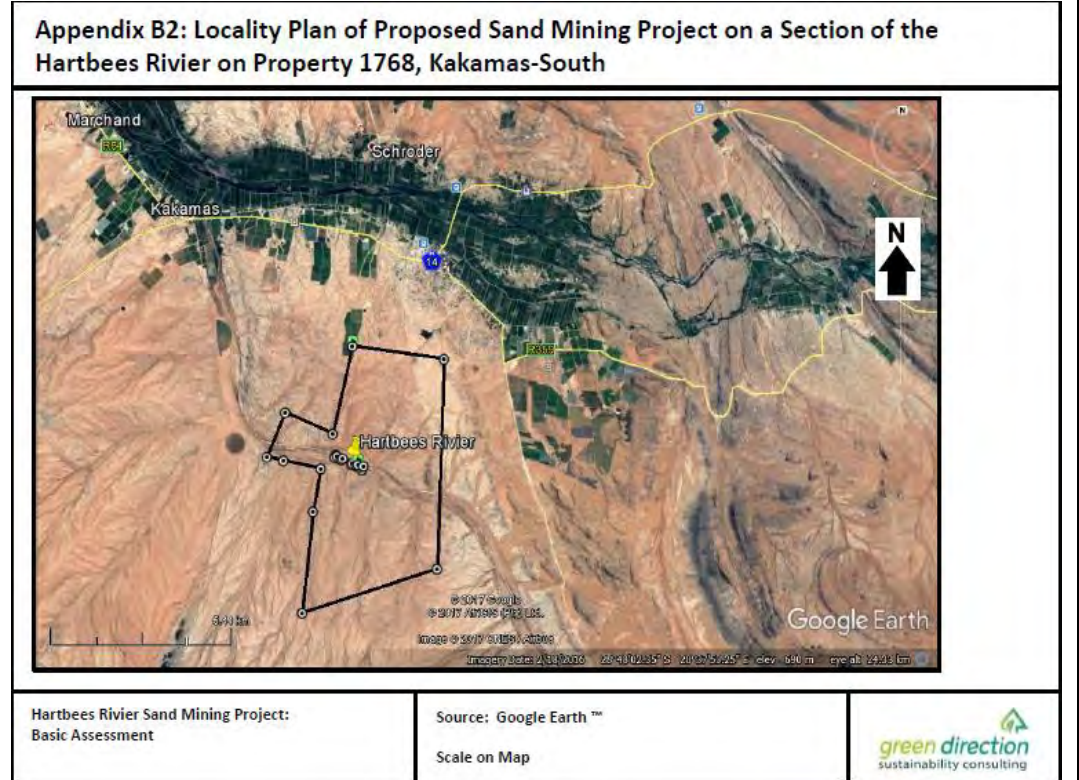
**SUPPLEMENTARY WATER USE INFORMATION**  
**Section 21(c) and (i) Water Uses**  
 Section 21(c) ~ impeding or diverting the flow of water in a watercourse  
 Section 21(i) ~ altering the bed, banks, course or characteristics of a watercourse

**1. Watercourse Attributes**

**1.1 Locality**

1.1.1. <Provide a description of the location of the watercourse at which the water use/s is to take place>  
*Hartbees Rivier situated on Property 1768, Kakamas South, situated south of Kakamas.*

1.1.2. <Provide a locality map/s indicating the relevant catchment<sup>1</sup>, surrounding land use, towns, infrastructure etc.>  
*Refer EMP for layout maps and surrounding land use. Figure 1 below shows the location of the proposed mining area included as Appendix B2 in the DBAR.*



**Figure 1: Locality Map of the proposed Hartbees Rivier project site within the property boundary within quaternary catchment D53J.**

1.1.3. <Provide the catchment reference number>  
*Catchment 14 Lower Orange and quaternary catchment D53J.*

**1.2 Description**

1.2.1. <Provide the name and/or description of the affected watercourse>  
*Hartbees Rivier, which is a seasonal tributary to the Orange River.*

1.2.2. <Provide a map with accompanying photographs (dated) indicating the segment and affected reach/es of the watercourse in which the water use/s is to take place and which

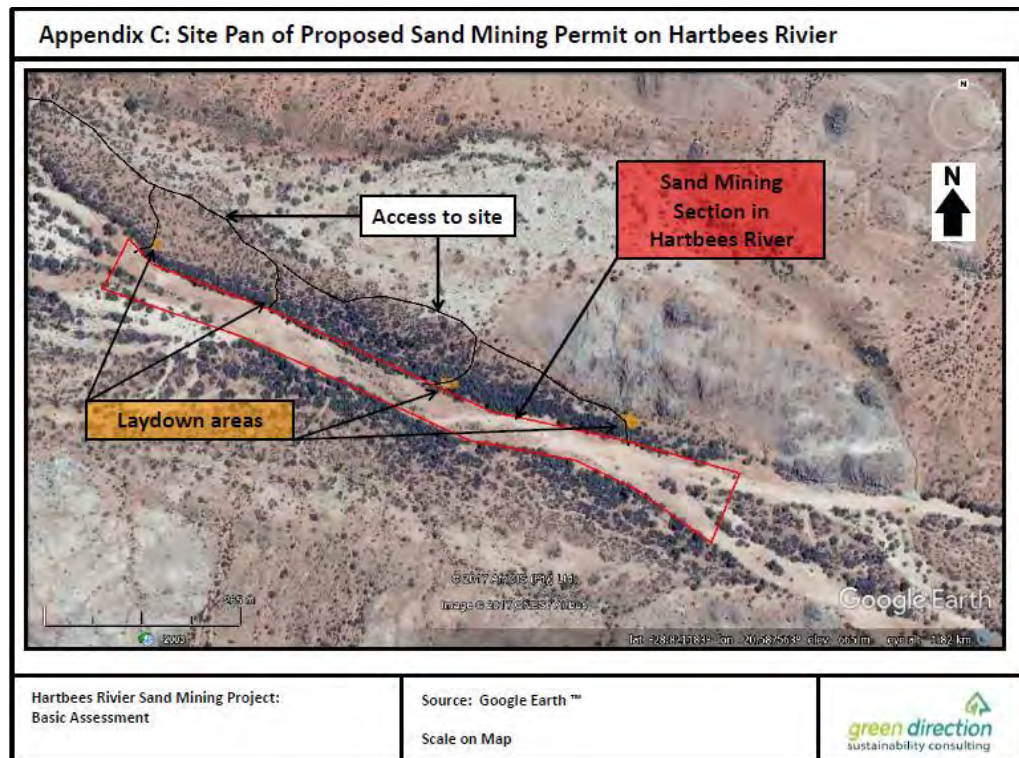
<sup>1</sup> The order of the catchment is to be verified with the relevant Regional Office and Primary Responsible Official



## 1. Watercourse Attributes

indicates/delineates the regulated area<sup>2</sup> including:

1.2.2.1. The extent of the riparian habitat; and



**Figure 2: Proposed Site Plan attached as Appendix C in the DBAR.**

Refer to site photographs attached as Appendix B4 in the DBAR.

1.2.2.2. The 1:100 year flood line>>

As a seasonal stream that only flows during occasional floods events on average once every two years and no 1:100 year flood line exists.

1.2.3. <Describe within context of the immediate catchment and segment, the historic as well as current state (Present Ecological State or PES) of the affected reach/es of the watercourse with regards to the following characteristics (attributes)<sup>3</sup>:

1.2.3.1. Flow and sediment regimes (quantity, pattern, timing, water level and assurance of in stream flow);

No surface water all year round except during occasional flood events; also refer to the EMP.

1.2.3.2. Water quality (including the physical, chemical and biological characteristics of the water) in relation to the flow regime

No surface water all year round except during occasional flood event; also refer to the EMP.

1.2.3.3. Riparian and In stream Habitat

1.2.3.3.1. Morphology (physical structure)

The morphology is undisturbed by agriculture or other development.

<sup>2</sup> The applicant will require a water use authorisation from the Department for any activity within the *regulated area* which is the outer edge of the riparian habitat or 1:100 year flood line, whichever is the greatest distance from the watercourse. The outer edge of the watercourse must be delineated using the Departmental guideline, *A Practical Field Procedure for Identification and Delineation of Wetlands and Riparian Areas* or *Field method for the delineation of Riparian Zones for South African Rivers*

<sup>3</sup> Refer to the WRC Reports on EcoClassification, specifically Report no TT 329/08 on determining EcoStatus

## 1. Watercourse Attributes

### 1.2.3.3.2. Vegetation

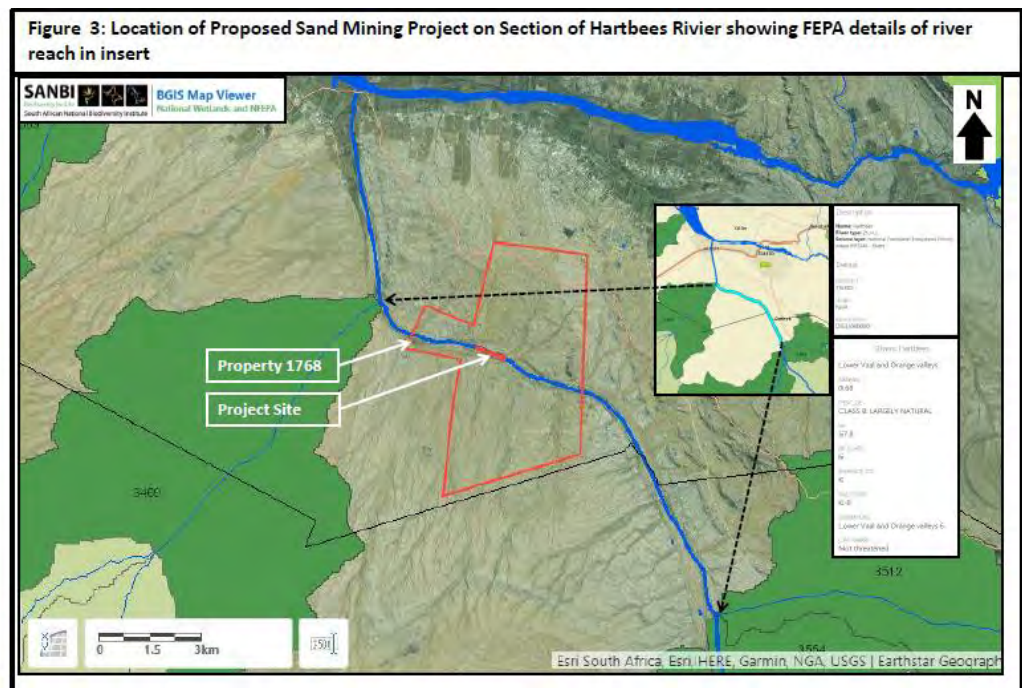
Riparian vegetation not present and in most cases replaced by alien invasive trees, such as *Prosopis* spp. (also refer to the EMPR). Protect tree species such as the Camelthorn tree (*Vachellia erioloba*) were observed on the adjacent banks.

### 1.2.3.4. Biota

No aquatic biota as it is a seasonal stream; also refer to the EMP.

1.2.4. <Describe the ecological importance and sensitivity (EIS)<sup>4</sup> as well as the Socio-cultural Importance (SI)<sup>5</sup> of the affected reach/es of the watercourse including the functions<sup>6</sup>>

Refer to **Figure 3** in the DBAR and included below as Figure 3, that shows the location of the project site on a section of the Hartbees River, which is a tributary to the Orange River and has been earmarked as a Freshwater Ecosystem Priority Area (FEPA)<sup>7</sup>. The Hartbees River is classed as Category B: Largely Natural as referenced from the SANBI BGIS NFPEPA Database Map Viewer.



**Figure 3: Project Site in Hartbees River**

Reference is made to the Draft DWS Report (August 2016): "Determination of Ecological Water Requirements for Surface Water (rivers, estuaries and wetlands) and groundwater in the Lower Orange WMA; Report No. RDM/WMA06/00/CON/COMP/2016).

This Report provides the PES & EIS of the Orange River at EWR 02 (located upstream of the confluence of the Hartbees Rivier (project site) with the Orange River), and at EWR 03

<sup>4</sup> The EIS of a watercourse is an expression of its importance to the maintenance of ecological diversity and functioning on local and wider scales. Ecological sensitivity refers to the system's ability to resist disturbance and its capability to recover from disturbance once it has occurred. Both biotic and abiotic components of the system are taken into account.

<sup>5</sup> SI reflects the dependency of people on a healthy functioning watercourse and also to its cultural and tourism potential.

<sup>6</sup> Refer to the RDM procedure for determining Ecological Importance and Sensitivity

<sup>7</sup> FEPAs are strategic spatial priorities for conserving freshwater ecosystems and supporting sustainable use of water resources. FEPAs were determined through a process of systematic biodiversity planning and were identified using a range of criteria for conserving ecosystems and associated biodiversity of rivers, wetlands and estuaries. FEPA maps are suitable to use at a desktop level for planning and decision-making processes at the national or water management area level. In general, confidence in the FEPA maps at a national level is high but decreases at more local levels of planning.

## 1. Watercourse Attributes

(downstream of the Augrabies Falls and downstream of the confluence of the Hartbees Rivier (project site) with the Orange River). Refer to the locality map below inserted as Figure 4. EWR 02 and EWR 03 both have a PES of C [Moderately Modified] and EIS as High [the river in terms of biota and habitat may be sensitive to flow modifications but in some cases may have a substantial capacity for use.] [EWR is the Ecological Water Requirement:- this report provides desktop EWRs for the quaternary catchments focussing on the tributaries of the Orange River.]



Figure 4: Extract of map that shows the locality of the EWR sites in context of the MRUs (referenced from Figure 3.1 in Report No. RDM/WMA06/00/CON/COMP/2016.

Refer to the EMP.

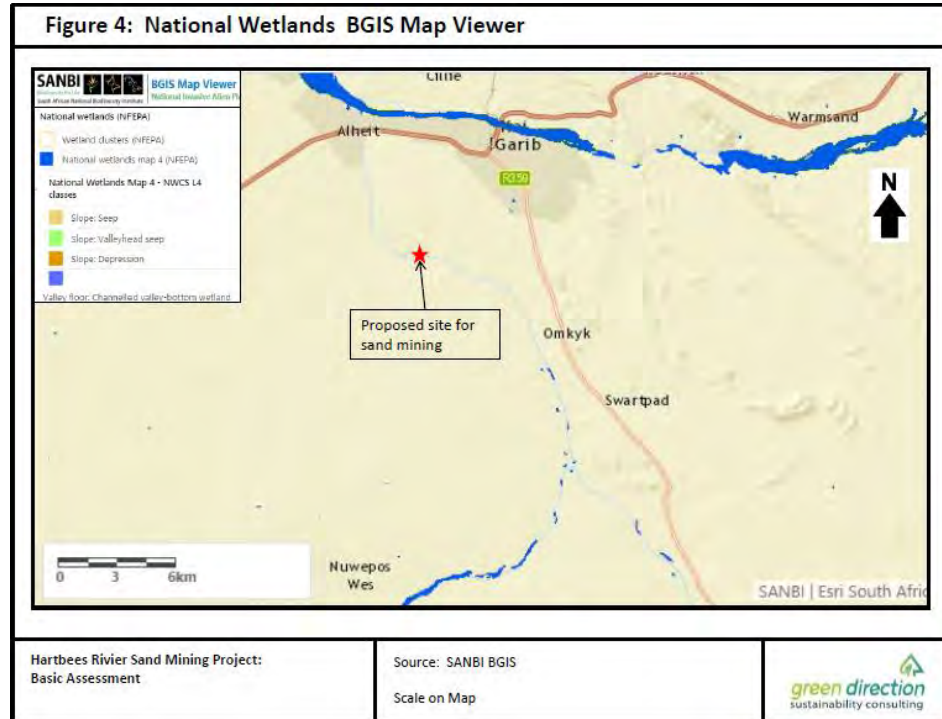
1.2.5. <Discuss existing land and water use impacts (and threats) on the characteristics of the watercourse>

Refer EMP and Risk Matrix.



1.3.1. <List and map sensitive environments in proximity of the project locality - sensitive environments include wetlands, nature reserves, protected areas, etc.>

Refer to Figure 5 below for the map from the SANBI BGIS database that shows that there are no wetlands at the project site.



1.3

Figure 5: SANBI BGIS Map of Wetlands (Figure 4 in the DBAR)

The project site falls within an Ecological Support Area (ESA) as shown in Figure 6 below (referenced as Figure 6 in the DBAR).

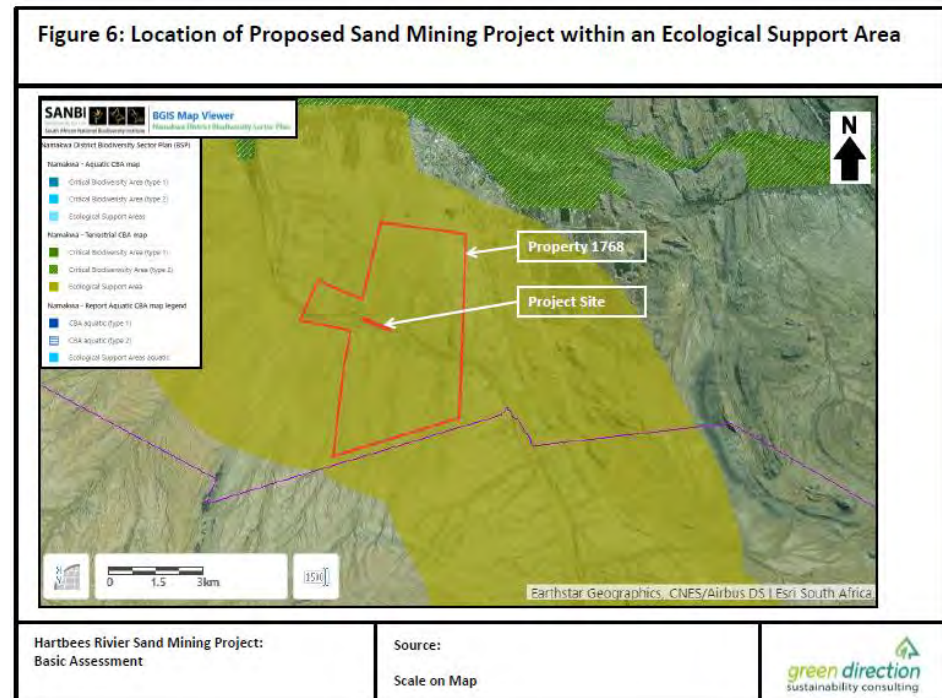


Figure 6: SANBI BGIS Map showing the Namakwa Biodiversity Sector Plan and the project site falling within an Ecological Support Area (Figure 6 in the DBAR)

2. Water Use Information	
<b>2.1 Description and Methodology</b>	<p>2.1.1. &lt;Describe the activities associated with the water use/s&gt;</p> <p>Sand mining and removing of alien invasive vegetation to clear the Hartbees Rivier at the project site.</p>
	<p>2.1.2. &lt;Describe the project phases for each activity (i.e. planning, construction, operation and maintenance, decommissioning) including, but not limited to, the programme for and duration of the various phases</p> <p>Mining will only include the loading and hauling of natural sand from the bed of the drainage channel to a maximum depth of 1.5m. No river diversions or impeding the natural flow of the drainage channel will take place. Refer to the EMP.</p>
	<p>2.1.3. &lt;Provide a site lay-out plan/s (master plan) indicating the various activities and existing and proposed infrastructure in relation to the 1:100 flood line and edge of the watercourse, etc. – a letter or certificate by a qualified surveyor must also be submitted that verifies the correctness of the site lay-out plans, in particular for wetlands&gt;</p> <p>Refer paragraph 2.2.2 and the EMP.</p>
	<p>2.1.4. &lt;Provide work method statements for the various water use activities&gt;</p> <p>N/A</p>
	<p>2.1.5. &lt;Provide engineer design drawing(s) for construction activities within the watercourse&gt;</p> <p>No construction will take place during the mining operation and all infrastructure will be provided for in Upington.</p>
	<p>2.1.6. &lt;Provide a description and a map/s indicating any Storm Water Management Practices (SWMPs) specifically addressing ‘end of pipe’ practices&gt;</p> <p>None</p>
	<p>2.1.7. &lt;Provide information on all existing lawful water uses [refer Section 27(1)(a)]&gt;</p> <p>None</p>
	<p>2.1.8. &lt;Provide information on investments already made and to be made by the water user in respect of the proposed water use/s [refer Section 27(1)(h)]&gt;</p> <p>Refer to the EMP.</p>
	<p>2.1.9. &lt;Indicate and motivate the probable duration of any undertaking for which the water use/s should be authorised [refer Section 27(1)(k)]&gt;</p> <p>This is an application for registration as a water user. The registration will be linked to the mining permit issued by DMR.</p>
<b>2.2 Motivation</b>	<p>2.2.1. &lt;Provide information on the need/intention/objective of the water use/s&gt;</p> <p>This registration of the water use is required in terms of Government Notice 509 published in Government Gazette 40229 of 26 August 2016 in respect of Section 21 (i) Altering the bed, banks or characteristics of a watercourse and Section 21 (c) Impeding or diverting the flow of water in a watercourse.</p> <p>The authorisation permitted in terms of this Notice replaces the need for a water user to apply for a licence in terms of the National Water Act for a water use provided that the use is within the conditions set out in this Notice. One of the conditions is that a person who uses</p>

	<p>water as contemplated in this Notice must register such water use with the responsible authority.</p> <p>In addition, the water use activities in terms of Section 21(c) and (i) must have a low risk class determined through the Risk Matrix. Refer to the Risk Matrix as attached to this Application, which rates all the risks as LOW.</p>
	<p>2.2.2. &lt;Provide information on contributions to rectify the results of past racial and gender discrimination<sup>8</sup> [refer Section 27(1)(b)<sup>9</sup>]&gt;</p> <p>The seasonal stream where mining takes place flows on average once a year and there is no downstream water users dependent on the water. There are also no previously disadvantage water users or settlements situated downstream of the proposed mine so there is no need to address past imbalances.</p> <p>The proposed mining project is owned by a company that has accommodated previously disadvantage individuals and have reversed past gender discrimination through employment.</p>
	<p>2.2.3. &lt;Provide information to support efficient and beneficial use of water in the public interest [refer Section 27(1)(c)]&gt;</p> <p>The proposed alteration will have no effect on water quality or quantity with respect to downstream users. No downstream users are identified that are dependent on the stream because of the irregular flow pattern. The proposed alteration will however be beneficial as it will serve to promote the flow of the river by removing Prosopis trees (alien invasive tree species) that obstruct the flow.</p> <p>Consultation will take place as part of the environmental management basic assessment process required for the proposed mine in terms of the Mineral and Petroleum Resources Development Act, and National Environmental Management Act.</p>
	<p>2.2.4. &lt;Provide information on relevant catchment management strategies<sup>10</sup> and local government planning frameworks that support the proposed water use [refer Section 27(1)(e)]&gt;</p> <p>Refer to Section 1.2.4 above.</p>
	<p>2.2.5. &lt;Provide information on the strategic importance of the water use to be authorised [refer Section 27(1)(i)]&gt;</p> <p>There are new solar renewable energy projects and the associated powerlines that are being constructed in the area that require the sand for cement, with local economic spin-offs associated with these activities.</p>

<sup>8</sup> Refer to the DWAF *Broad-Based Black Economic Empowerment (BBBEE) Guidelines For Water Allocation, Final Draft, June 2007* and the Department of Trade and Industry's requirements relating to compliance with the BBBEE Act, 2003 (Act No. 53 of 2003)

<sup>9</sup> The applicant must provide information on how he/she implements the seven elements of BBBEE (i.e. Ownership, Management, Employment equity, Skills development, Procurement, Enterprise development, Socio-economic development) and how this complies with the relevant Sector Charter and score card (e.g. Construction, Agriculture, Mining, Tourism etc). A BBBEE certificate or external verification must accompany the application (refer list of Verification Agents on the Department of Trade and Industry's website)

<sup>10</sup> Consult the relevant Regional Office and Primary Responsible Official



3. Impact Assessment and Management	
<b>3.1 Impact Prediction and Assessment</b>	<p>3.1.1. &lt;Provide a prediction and assessment of the likely environmental and socio-economic impacts or effects<sup>11</sup> associated with the water use/s for the different project phases:</p> <p style="padding-left: 40px;">3.1.1.1. On the watercourse and its characteristics as set out in 1.2.3 above [refer Section 27(1)(f)]</p> <p>Refer to the Risk Matrix, DBAR and EMP.</p> <p style="padding-left: 40px;">3.1.1.2. On other water users [refer Section 27(1)(f)]</p> <p>Refer to the Risk Matrix, DBAR and EMP.</p> <p style="padding-left: 40px;">3.1.1.3. On the broader public and property</p> <p>Refer to the Risk Matrix, DBAR and EMP.</p> <p style="padding-left: 40px;">3.1.1.4. If the water use/s is not authorised [refer Section 27(1)(d)]&gt;</p> <p>The proposed sand mine will supply building material and will have a positive socio-economic impact with respect to job creation and EPWP projects. Every building industry is dependent on sand and the issuing of a permit will not only benefit the applicant but every other building sector. In particular, there are new solar renewable energy projects and the associated powerlines that are being constructed in the area, that require the sand for cement.</p> <p>3.1.2. &lt;Provide a description of the methodologies employed to undertake impact prediction and assessment as well as a motivation for these&gt;</p> <p>Refer to the Risk Matrix, DBAR and EMP.</p>
<b>3.2 Risk Assessment</b>	<p>3.2.1. &lt;Provide an assessment of the risks associated with the water use/s and related activities&gt;</p> <p>Refer to the Risk Matrix, DBAR and EMP.</p>
<b>3.3 Alternatives</b>	<p>3.3.1. &lt;Describe the alternatives considered to prevent negative impacts on the watercourse with regard to locality, procedures, materials, etc.&gt;</p> <p>Refer to the DBAR.</p>
<b>3.4 Mitigation and Management Measures</b>	<p>3.4.1. &lt;Provide mitigation measures<sup>12</sup> to prevent, reduce, remediate or compensate the pre-determined impacts; also provide emergency responses&gt;</p> <p>Refer to the DBAR &amp; EMP.</p> <p>3.4.2. &lt;Provide a site map/s that marks the limits of disturbance to the watercourse and in particular indicates erosion and sediment controls&gt;</p> <p>Refer to the DBAR &amp; EMP.</p> <p>3.4.3. &lt;If the developer (applicant) of water use related infrastructure is not the end user/beneficiary and will not be responsible for long term maintenance of the infrastructure, provide a programme for hand over to the successor-in-title<sup>13</sup> including a brief management/maintenance plan for infrastructure along with allocation of responsibilities&gt;</p>

<sup>11</sup> Assess the potential impacts with regard to their nature, extent, magnitude, duration, probability and significance – each impact must be described in terms of source of impact, pathway (propagation of impact) and receptor (target that experience the risk or impact)

<sup>12</sup> The mitigation measures should be collated in an Environmental Management Plan (EMP) - refer to the Department of Environmental Affairs and Tourism's regulations, Government Notice No. R. 385 in Government Gazette No. 28753 of 21 April 2006 for minimum standards

<sup>13</sup> Refer Section 51 of the NWA

3. Impact Assessment and Management	
	<i>N/A</i>
<b>3.5 Changes to the Watercourse</b>	<p>3.5.1. <i>&lt;Assess to what extent the impacts after mitigation will bring about <u>changes</u> in respect of the PES (and recommended ecological category, if this information is available at the stage of study) and functionality of the <u>watercourse</u>; as well as the <u>socio-economic environment</u> (including redress considerations as well impacts on other water users)&gt;</i></p> <p><i>Refer to the Risk Matrix, DBAR and EMP.</i></p>
<b>3.6 Monitoring and Compliance</b>	<p>3.6.1. <i>&lt;Provide a detailed monitoring programme and describe the auditing, compliance and reporting mechanisms to ensure execution of the mitigation measures and for informing DWAF of incidents – ensure that these measures are appropriate in relation to the impacts, mitigation measures, status of the watercourse, etc.&gt;</i></p> <p><i>Refer to the Risk Matrix, DBAR and EMP.</i></p>

**Appendix 9:**

**DW 901 Property Details**



## water affairs

Department:  
Water Affairs  
REPUBLIC OF SOUTH AFRICA

### SUPPLEMENTARY WATER USE INFORMATION PROPERTY WHERE WATER USE OCCURS

DW901 serves to address the following: The property (or properties) where water use(s) is to take place.

• Complete one DW901 form for each property impacted / applicable to a water use registration application.

• Should more than one property owner be applicable to a "property where water occurs" an additional DW902 must be completed for each additional property owner.

#### 1. PROPERTY WHERE WATER USE(S) OCCURS

1.1 Property where water use takes place (farm, stand or community): description as per the Deeds Act if applicable, or name of agricultural holding, farm, township, town or city.

SECTION OF THE HARTBEES RIVIER ON PROPERTY 1768 KAKAMAS-SOUTH

Registration Date (ccyymmdd):

19960625

1.2 Property Type (mark only one with an X)

Agricultural Holding

Erf

Exclusive Use Areas (EUA)

Farm

Sectional Scheme (To Obtain EUA)

Sectional Scheme (to obtain units)

Sectional Scheme Unit

Township

Unspecified

Unsurveyed

1.3 If the property type is unsurveyed, complete the following:

a) Surname and initials of leader of village, community or tribal authority

Initials

b) Local Authority

&/or

c) Magisterial District

&/or

d) Tribal Authority/Council

1.4 If the property type is not equal to unsurveyed, complete the following:

a) Deeds Office

CAPE TOWN

b) Registration Division

KENHARDT

c) Property No (i.e. Farm No./Erf No./Holding Area No./Scheme No.)

1768

d) Portion of Property

e) Title Deed Number

T72312/1996

f) Surveyor-General Cadastral Code

1
2
3
4
5  
C - 0 0 3 6 - 0 0 0 6 - 0 0 0 0 1 7 6 8 - 0 0 0 0 0

1. Refers to the Surveyor's-General Office (T = Pretoria, F = Free State, C = Cape Town & N = Kwazulu-Natal)
2. Major Code (Registration Division)
3. Minor code
4. Property No (i.e. Farm No./Erf No./Holding Area No./Sheme No.)
5. Portion Number

**Note:** All fields "left padded with 0"

**1.5 Property Area Size**

2 5 5 0 , 9 8 2

Measure Unit:  Hectares  Square Meters  Acres

**1.6 Ownership of the property** (mark only one with an X)

- Property owned by applicant (100% Share value)
  Property leased by applicant  
 Property owned by applicant (Share value less than 100%)
  The property is communal land

**2. PROPERTY OWNER RELATIONSHIP**

Individual (Identity Number or Passport Number)	Company, Business, Partnership or Community (Business Enterprise Registration Number)	Property Owner Name	Property Owner Document Number (Owner's Title Deed Reference Number)	Property Owner and Property Relationship Date		Owner Share Value %
				From:	To:	
T189/95	TRUST	CHRISTIE JORDAAN BOERDERY TRUST	T72312/1996	1996/06/25	CURRENT	

**3. DECLARATION BY APPLICANT** (or person that was granted power of attorney by the applicant)

I declare that the property information given by me for registering this Water Use is true and correct.

Signature

Date (ccyymmdd)

Thumbprint (only if requested)



**4. FOR OFFICE USE ONLY**

Received by:

Surname

Initials

Position / Rank

Signature

Captured on NRWU database (ccyymmdd)

Captured by:

Surname

Initials

Signature

Date stamp of receiving office

Quality Assurance Executed by:

Surname

Initials

Position / Rank

Signature

Date (ccyymmdd)

**Appendix 10:**

**DW 902 Owner Details**





## water affairs

Department:  
Water Affairs  
REPUBLIC OF SOUTH AFRICA

### SUPPLEMENTARY WATER USE INFORMATION DETAILS OF PROPERTY OWNER

Should more than one property owner be applicable to a 'property where water use occurs', an additional DW902 must be completed for each additional property owner.

#### 1. DETAILS OF PROPERTY OWNER

##### 1.1 Nature of property owner (mark only one block with X)

- Individual (complete 1.2)
  Provincial Department (complete 1.5)  
 Company, business, partnership or community (complete 1.3)
  Water Services Provider (complete 1.6)  
 National Department (complete 1.4)
  Water User Association (complete 1.7)

##### 1.2 If property owner is an individual

- 1.2.1 Surname  Maiden Name
- Initials  Title  Position or official status
- Marital Status (mark only one):
- Married In Community Of Property
  Married Out Of Community Of Property  
 Unmarried

##### 1.2.2 If holder of South African ID:

ID Number

##### 1.2.3 If not holder of South African ID:

Passport No.

Expiry Date (ccyymmdd)

Country of issue

##### 1.3 If the property owner is a company, business, partnership or community:

##### 1.3.1 Name of company, business, partnership or community:

CHRISTIE JORDAN BOERDERY TRUST

##### 1.3.2 Trading name if different from name of company, business, partnership or community:

N/A

##### 1.3.3 Type of Enterprise (mark only one with an X)

- 06 Public Company (Ltd)
  07 Private Company (Pty) Ltd
  08 Article 21 (Association inc under Section 21)  
 09 Limited By Guarantee
  10 External Company
  11 External Company under Article 21  
 20 Transvaal Ordinance
  21 Incorporated (Inc)
  22 Unlimited  
 23 Close Corporation (CC)
  Parastatal
  Trust  
 Other [i.e. Non-CIPRO Company Types (e.g. Churches, Schools, Community Groups, etc.) excluding Trust & Parastatal]

1.3.4 Business Enterprise Registration Number      1 8 9 / 9 5

1.3.5 Date Established (ccyymmdd)

Country Where Established

1.4 If the property owner is a National Department:

1.4.1 National Department Name:

1.5 If the property owner is a Provincial Department:

1.5.1 Province:

1.5.2 Provincial Department Name:

1.6 If the property owner is a Water Services Provider:

1.6.1 Name of WSP:

1.7 If the property owner is a Water User Association:

1.7.1 Name of WUA:

1.8 Postal Address:

PO BOX 32

KAKAMAS

Postal Code 8 8 7 0

1.9 Street Address (only if different from postal address):

Postal Code

1.10 Contact Telephone Number During Office Hours

Area/cell code     0 5 4 Number  4  3  1  0  9  4  3 Ext

Alternative contact number

Area/cell code         Number         Ext

**2. DECLARATION BY PROPERTY OWNER****2.1 Property owner or delegated person:**

Surname

Initials

Title

ID number

**2.2 If not a holder of South African ID:**

Passport No.

Expiry Date  
(ccyymmdd)

Country of issue

**2.3 Position or official status:****2.4 I declare that the applicant defined in this application has lawful access to the property and carry out the water use activity or activities related to this application.**

Signature



Date (ccyymmdd)

Thumbprint (only if requested)

**3. LIST OF ATTACHED DOCUMENTS (mark each document type attached with an X)**

- 3.1  Certified copy of identity document or passport.
- 3.2  Certified copy of Property Owner Document [refer Section 2 of DW901 (Property Title Deed or Deeds printout)].
- 3.3  Certified copy of lease agreement (refer paragraph 1.6 of DW901)
- 3.4  Certified copy of the "power of attorney" or appropriate supporting documentation



**GEREGISTREERDE WOON-EN POSADRES**

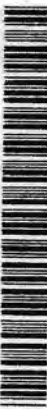
1. Bewaar die bewys van u GEREGISTREERDE WOON- EN POSADRES in hierdie sakkie.
2. Indien u van adres verander het, of indien besonderhede van u huidige adres, by. straatnaam en/of -nommer, ens. verander het, moet die vorm KENNISGEWING VAN ADRESVERANDERING, wat in die sakkie agter in die identiteitsdokument is, gebruik word om die verandering aan te meld en moet dit ingesoen word by of gepos word aan die naaste streek-/distrikkantoor van die DEPARTEMENT VAN BINNELANDSE SAKE.

**REGISTERED RESIDENTIAL AND POSTAL ADDRESS**

1. Keep the proof of your REGISTERED RESIDENTIAL AND POSTAL ADDRESS in this pocket.
2. If you have changed your address, or, if particulars of your present address, e.g. name of street and/or street number, etc. have been changed, the NOTICE OF CHANGE OF ADDRESS form in the pocket at the back of the identity document must be used to report the change and it must be handed in at or posted to the nearest regional/district office of the DEPARTMENT OF HOME AFFAIRS.

1

I. D. No. 660920 5074 08 3



S. A. BURGER/S. A. CITIZEN

VAN/ SURNAME

**JORDAAN**

VOORNAME/FORENAMES

**CHRISTIAAN JACOBUS**

GEBORTEDISTRIK OF -LAND/  
DISTRICT OR COUNTRY OF BIRTH

**SUID-AFRIKA**

GEBORTE DATUM/  
DATE OF BIRTH

**1966-09-20**



DATUM UITGEREIK  
DATE ISSUED

**2000-10-05**

UITGEREIK OP GE'SAAG VAN DIE  
DIRKTEUR GENE'RAAL  
BINNELANDSE SAKE

ISSUED BY AUTHORITY OF THE  
DIRECTOR GENERAL  
HOME AFFAIRS

**PROOF OF PAYMENT OF WATER USE APPLICATION FEE**

**Appendix 11:**

**Proof of Payment of Water Use Application Fee**

7/24/2017

Online Banking

3



**View Transaction Detail**

Name	Gold Business Account		
Account Number	62642837118		
Type	DEMAND DEPOSIT		
<b>1. Transaction Details</b>			
Description One	DWS: HARTBEE'S RIVIER	Cash Amount	0.00
Description Two	70000001	Original Currency Amount	114.00
Transaction Amount	114.00	ENC Amount	0.00
Service Fee	0.00	ENC Days	000000000000
Authorisation Date	18 Jul 2017	Cleared	0
Effective Date	18 Jul 2017		
Post Date	18 Jul 2017		
Current Balance	[REDACTED]		
<b>2. Transaction Description</b>			
Code	5014		
Description	Internet Pmt To		
Category	Trans		
Sub-Category	Electronic Transfer		
<b>3. Customer Service Information</b>			
User Code	-		
User Name	-		
Contact Number	-		

FROM: T.A. BARNARD : GREEN DIRECTION SUSTAINABILITY CONSULTING (PTY) LTD

PROJECT NAME: PROPERTY 1768, KAKAMAS-SOUTH SECTION OF THE HARTBEE'S RIVIER

APPLICANT : KOBUS DUVENHAGE BOUERS (PTY) LTD  
~~PO BOX 1337~~ PRIVATE BAG X5879  
UPINGTON  
8300

THANK YOU

*T.A. Barnard*  
(T.A. BARNARD)

PROOF OF PAYMENT

**Jenny Barnard**

**From:** Boer Felicity (UPN) <BoerF@dws.gov.za>  
**Sent:** Thursday, August 3, 2017 3:02 PM  
**To:** Jenny Barnard  
**Cc:** Ledwaba George; Lindhorst Sydney (KBY)  
**Subject:** License fees

Good Day

Please find correspondence from Mr Ledwaba below.

Regards

**From:** Ledwaba George  
**Sent:** 03 August 2017 02:47 PM  
**To:** Boer Felicity (UPN)  
**Subject:** License fees

Hi Felicity

I tried to call you but your landline is not going through.

Money was received.

**G/L Account Line Item Display**



G/L Account 113300 FNB Trading House Bank  
 Company Code 1000

St	Assignment	DocumentNo	BusA	Type	Doc. Date	FK	Amount in local cur.	LCurr	Tx	Clrnt
<input type="checkbox"/>	<input checked="" type="checkbox"/>	0000444200014		ZC	2017/07/18	40	114.00	ZAR		
<input type="checkbox"/>	<input checked="" type="checkbox"/>	0000444200015		ZC	2017/07/18	40	114.00	ZAR		
<input type="checkbox"/>	<input checked="" type="checkbox"/>	0000444200016		ZC	2017/07/18	40	114.00	ZAR		
<input type="checkbox"/>	<input checked="" type="checkbox"/>	0000444200017		ZC	2017/07/18	40	114.00	ZAR		
*	<input checked="" type="checkbox"/>						456.00	ZAR		
** Account 113300							456.00	ZAR		

G/L Account \* \*  
 Company Code \*

St	Assignment	DocumentNo	BusA	Type	Doc. Date	FK	Amount in local cur.	LCurr	Tx	Clrnt
***							456.00	ZAR		

Matsobane George Ledwaba  
 Financial Accounting: General ledger  
 Department of Water and Sanitation  
 191 Fransies Baard street  
 Pretoria 0001  
 Waterbron 450  
 Tel: 012 336 7458  
 Fax: 0866109036



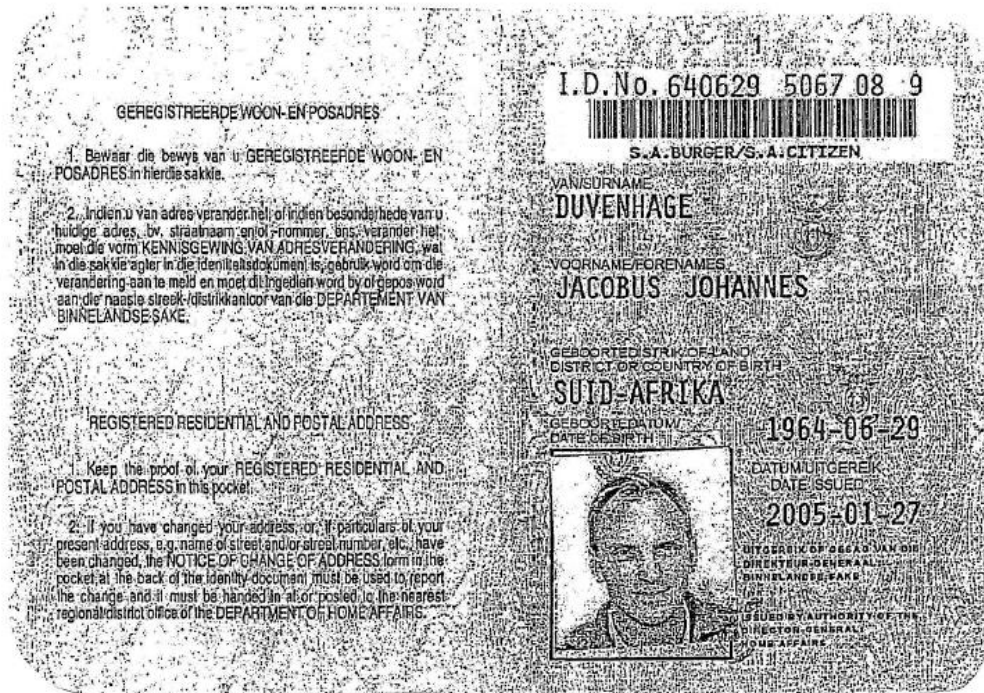
**DISCLAIMER:** This message and any attachments are confidential and intended solely for the addressee. If you have received this message in error, please notify the system manager/sender. Any unauthorized use, alteration or dissemination is prohibited. The Department of Water and Sanitation further accepts no liability whatsoever for any loss, whether it be direct, indirect or consequential, arising from this e-mail, nor for any consequence of its use or storage.



**SUPPORTING DOCUMENTS FOR DW FORMS**

**Appendix 12:**

**Copy of Identity Document of Applicant**



Gesertifiseer 'n ware afskrif van die oorspronklike waarop geen sigbare veranderinge deur 'n ongemagtigde persoon aangebring is nie.

Certified a true copy of the original which bears no noticeable evidence of alternative alterations by an unauthorised person.

*Adelle Carstens*  
**ADELLE CARSTENS**  
 VAN COPPENHAGENSTR. 20  
 UPINGTON  
 KOMMISSARIS VAN EDE  
 PROFESSIONELE REKENMEESTERS (SA)

**Appendix 13:**

**Copy of Business Registration of Applicant**



Companies and Intellectual  
Property Commission  
A member of the SAG Group

Our Reference: 2014/043777/07

**Date:** 28/02/2014

**E-mail:** ANNETTE@NELENVENNOTE.CO.ZA

Dear Business Owner

**WHAT TO DO AFTER REGISTERING A COMPANY  
KOBUS DUVENHAGE BOUERS (PTY) LTD  
(2014/043777/07)**

Congratulations on registering your company. The Companies and Intellectual Property Commission (CIPC) wishes you all the best in your business endeavours.

Registering your company is only the first step in managing it. Throughout its life span, a company is required to maintain its information and legal status with the CIPC. Failure to do so may have serious consequences for your company and your business activities, as it may result in deregistration.

The Companies Act, 2008 places compliance requirements on all registered entities throughout its life cycle, which includes any changes to the company information, annual return filings and deregistration. Set out on the next few pages is an easy guide to assist you with managing your company compliance obligations. The table is not a legal document but rather a guide to some of the most pertinent requirements that must be adhered to.

Please ensure that the CIPC always has the latest contact details for the directors or the authorised representative so that important information relating to annual returns, director changes and pending deregistration can be transmitted efficiently and effectively to the correct person. For more information about any of the requirements listed below, please direct your enquiry to:

- \* Website: [www.cipc.co.za](http://www.cipc.co.za)
- \* Fax: 086 517 7224
- \* Tel: 086 100 2472

Kind regards

**Commissioner: CIPC**  
Ms Astrid Ludin

  
**JASPER JOHANNES LOUW**  
VAN COPPENHAGENSTRAAT 20  
20 VAN COPPENHAGEN STREET  
UPINGTON 8801  
KOMMISSARIS VAN EDE  
COMMISSIONER OF OATHS  
PROFESIONELE REKENMEESTER (SA)  
PROFESSIONAL ACCOUNTANT (SA)

Gesertifiseer 'n ware afskrif van die oorspronklike waarop geen sigbare veranderinge deur 'n ongemagtigde persoon aangebring is nie.

Certified a true copy of the original which bears no noticeable evidence of alternative alternations by an unauthorised person.

The Companies and Intellectual Property Commission of South Africa  
P.O. Box 429, Pretoria, 0001, Republic of South Africa  
Docex 256, Pretoria  
Contact centre 086 100 2472  
[www.cipc.co.za](http://www.cipc.co.za)





Companies and Intellectual  
Property Commission  
a member of the SAG Group

**JASPER JOHANNES LOUW**  
VAN COPPENHAGENSTRAAT 20  
20 VAN COPPENHAGEN STREET  
UPINGTON 8801  
KOMMISSARIS VAN EDE  
COMMISSIONER OF OATHS  
PROFESSIONELE REKENMEESTER (SA)  
PROFESSIONAL ACCOUNTANT (SA)

Gesertifiseer 'n ware afskrif van die oorspronklike waarop geen sigbare veranderinge deur 'n ongemagtigde persoon aangebring is nie.

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The Companies and Intellectual Property Commission of South Africa  
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Docex 256, Pretoria  
Contact centre 086 100 2472  
[www.cipc.co.za](http://www.cipc.co.za)



Compliance Activity	Notes	Process/Form
Annual Returns	<ul style="list-style-type: none"> <li>• Due on anniversary date of company's incorporation date.</li> <li>• Must be filed within 30 business days of its due date.</li> <li>• Must be filed electronically via the CIPC website.</li> <li>• A fee is payable at the time of filing that is dependent on the turnover of your business.</li> <li>• An Annual return is not the same as a tax return which is filed with SARS.</li> <li>• Failure to file the annual returns will result in your company being deregistered.</li> </ul>	A step-by-step guide on how to file annual returns can be viewed on the CIPC Annual Return website ( <a href="http://annualreturns.cipc.co.za">annualreturns.cipc.co.za</a> ) by clicking on the link at <b>Step 4</b> .
Financial Statements	<ul style="list-style-type: none"> <li>• All companies are required to prepare financial statements within 6 months after its financial year end.</li> <li>• Some companies are required to audit financial statements. Please refer to Companies Regulation 28 read with Companies Regulation 26.</li> <li>• If your company's financial statements are required to be audited, it must be filed with the CIPC when the company files its annual returns.</li> </ul>	Refer to the CIPC website <a href="http://www.cipc.co.za">www.cipc.co.za</a> / maintaining your company for detailed explanation of process and requirements.
Changes in directors or auditors	<ul style="list-style-type: none"> <li>• CIPC must be notified of any changes in the directorship of your company within <b>10 business days</b> of such change on a form CoR39.</li> <li>• CIPC must also be notified of any changes to the auditor (appointment, resignation or removal) of your company within 10 business days of such change on a form CoR 44.</li> </ul> <p><b>Note:</b> The appointment of an auditor for certain category of companies, e.g. private or non-profit companies are not mandatory but such may be required if the company reaches certain thresholds. Refer to sections 28 – 31 of the Companies Act, and Companies Regulations 24 – 30 relating to financial record keeping, access to such information and filing requirements.</p>	Refer to the CIPC website <a href="http://www.cipc.co.za">www.cipc.co.za</a> / maintaining your company for detailed explanation of process and requirements.
Changes in address	<ul style="list-style-type: none"> <li>• If a change in the physical and/or postal address occurs, the company must notify the CIPC of such change by filing a form CoR21.1 within 5 working days before the change is to take effect.</li> </ul>	Refer to the CIPC website <a href="http://www.cipc.co.za">www.cipc.co.za</a> / maintaining your company for detailed explanation of process and requirements.
Deregistration & Liquidation	<ul style="list-style-type: none"> <li>• When a company stops trading, it needs to apply either for deregistration or for liquidation, depending on the circumstances.</li> <li>• Deregistration is advisable in cases where the company does not have any assets and is inactive, while liquidation is advisable in cases where the company has outstanding liabilities that must be resolved first.</li> </ul>	Refer to the CIPC website <a href="http://www.cipc.co.za">www.cipc.co.za</a> / maintaining your company for detailed explanation of process and requirements.

Gesertifiseer 'n ware afskrif van die oorspronklike waarop geen sigbare veranderinge deur 'n ongemagtigde persoon aangebring is nie.

**JASPER JOHANNES LOUW**

VAN COPPENHAGENSTRAAT 20  
20 VAN COPPENHAGEN STREET

UPINGTON 8801 The Companies and Intellectual Property Commission of South Africa

KOMMISSARIS VAN EDE P.O. Box 429, Pretoria, 0001, Republic of South Africa

COMMISSIONER OF OATHS

Docex 256, Pretoria

PROFESIONELE REKENMEESTER (SA)

Contact centre 086 100 2472

PROFESSIONAL ACCOUNTANT (SA)

[www.cipc.co.za](http://www.cipc.co.za)







Compliance Activity	Notes	Process/Form
Business Rescue	<ul style="list-style-type: none"> <li>When a company is unable to honour its debts as they become due and payable within the immediately ensuing six months, the Board of Directors may resolve to place the company into business rescue. Such a resolution must be filed with the CIPC in Form CoR 135.1.</li> </ul>	Refer to the CIPC website <a href="http://www.cipc.co.za">www.cipc.co.za</a> / maintaining your company for detailed explanation of process and requirements.
Complaints about company conduct	<ul style="list-style-type: none"> <li>Any person may file a complaint using form CoR135.1 with the CIPC alleging that a company or any other person is contravening the Companies Act, 2008 or that such person's rights under the Companies Act, 2008 or under the company's Memorandum of Incorporation or rules, have been infringed.</li> <li>CIPC may investigate such complaint and take relevant action in the form of requesting information from the company or any interested person and even issuing compliance notices to the company which must be complied with.</li> </ul>	<p>Step 1: Complete form CoR 135.1</p> <p>Step 2: Submit form CoR135.1 with documentary proof via <a href="mailto:CoR135.1complaint@cipc.co.za">CoR135.1complaint@cipc.co.za</a>.</p> <p>Step 3: CIPC will conduct a preliminary investigation and respond back to the complainant.</p> <p>Step 4: CIPC may do a formal investigation and issue a report on the matter.</p> <p>Refer to the CIPC website for detailed explanation of process and requirements.</p>

**JASPER JOHANNES LOUW**  
 VAN COPPENHAGENSTRAAT 20  
 20 VAN COPPENHAGEN STREET  
 UPIINGTON 8801  
 KOMMISSARIS VAN EDE  
 COMMISSIONER OF OATHS  
 PROFESSIONELE REKENMEESTER (SA)  
 PROFESSIONAL ACCOUNTANT (SA)

Gesertifiseer 'n ware afskrif van die oorspronklike waarop geen sigbare veranderinge deur 'n ongemagtigde persoon aangebring is nie.

Certified a true copy of the original which bears no noticeable evidence of alternative alternations by an unauthorised person.

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 P.O. Box 429, Pretoria, 0001, Republic of South Africa  
 Docex 256, Pretoria  
 Contact centre 086 100 2472  
[www.cipc.co.za](http://www.cipc.co.za)





# COMPANIES AND INTELLECTUAL PROPERTY COMMISSION REPUBLIC OF SOUTH AFRICA

  
**JASPER JOHANNES LOUW**

## CoR18.3 - Registration Certificate

VAN COPPENHAGENSTRAAT 20  
20 VAN COPPENHAGEN STREET  
UPINGTON 8801

KOMMISSARIS VAN EDE  
COMMISSIONER OF OATHS  
PROFESIONELE REKENMEESTER (SA)  
PROFESSIONAL ACCOUNTANT (SA)

Issue date: 28/02/2014  
Print date: 28/02/2014  
Customer code: NELSNR  
Tracking number: 110818606

UPINGTON  
8800

Gesertifiseer 'n ware afskrif van die oorspronklike waarop geen sigbare veranderinge deur 'n ongemagtigde persoon aangebring is nie.

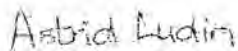
Certified a true copy of the original which bears no noticeable evidence of alternative alternations by an unauthorised person.

### KOBUS DUVENHAGE BOUERS (PTY) LTD 2014/043777/07

We have received an application from you dated 10/02/2014 to convert the close corporation KOBUS DUVENHAGE BOUERS (reference number 2003/014333/23) into a company.

The Company 'KOBUS DUVENHAGE BOUERS (PTY) LTD' was successfully registered on our database on 28/02/2014. Your reference number will be 2014/043777/07.

The lodged copy of this company's memorandum of incorporation has been accepted as a properly notarially certified copy and has accordingly been endorsed with the company registration particulars.



**Commissioner: CIPC**

MJI

### About this certificate

This Certificate is issued in terms of Schedule 2 of the Companies Act, 2008, and Regulation 18 of the Companies Regulations, 2011.

If the Commission has issued a Notice of a Potentially Contested Name in conjunction with the certificate, the company must serve that notice on each person identified in the Notice, and any such person has the right to challenge the use of the name, by the company.

The Companies and Intellectual Property Commission of South Africa

P.O. Box 429, Pretoria, 0001, Republic of South Africa

Docex 256, Pretoria

Contact centre 086 100 2472

[www.cipc.co.za](http://www.cipc.co.za)



**Certificate issued by the Companies and Intellectual Properties  
Commission on Friday, February 28, 2014 02:24  
Certificate of Registration**



Registration number 2014/043777/07

Converted from Close Corporation 2003/014333/23

Enterprise Name KOBUS DUVENHAGE BOUERS (PTY) LTD

Enterprise Shortened Name None provided.

Enterprise Translated Name None provided.

Registration Date 28/02/2014

Business Start Date 28/02/2014

Enterprise Type Private Company

Enterprise Status In Business

Financial year end February

Main Business/Main Object NO RESTRICTION ON BUSINESS ACTIVITIES

Postal address P O BOX 1331  
UPINGTON  
8800

Address of registered office VAN COPPENHAGENSTRAAT 20  
UPINGTON  
8801

  
**JASPER JOHANNES LOUW**  
VAN COPPENHAGENSTRAAT 20  
20 VAN COPPENHAGEN STREET  
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COMMISSIONER OF OATHS  
PROFESIONELE REKENMEESTER (SA)  
PROFESSIONAL ACCOUNTANT (SA)

Gesertifiseer 'n ware afskrif van die oorspronklike waarop geen sigbare veranderinge deur 'n ongemagtigde persoon aangebring is nie.

Certified a true copy of the original which bears no noticeable evidence of alternative alternations by an unauthorised person.

The Companies and Intellectual Property Commission of South Africa  
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Docex 256, Pretoria  
Contact centre 086 100 2472  
www.cipc.co.za



**Certificate issued by the Companies and Intellectual Properties  
Commission on Friday, February 28, 2014 02:24  
Certificate of Confirmation**



Companies and Intellectual  
Property Commission

www.cipc.co.za

Registration number 2014/043777/07  
Enterprise Name KOBUS DUVENHAGE BOUERS (PTY) LTD

**Active Directors / Officers**

Surname and first names	Status	ID number or date of birth	Director type	Appoint-ment date	Addresses
-------------------------	--------	----------------------------	---------------	-------------------	-----------

DUVENHAGE, JACOBUS  
JOHANNES

ACTIVE

6406295067089

Director

28/02/2014

Postal: POSTNET SUITE 111,  
PRIVAATSAK X5879,  
UPINGTON, 8800  
Residential: 18B  
KOEDOESTREET, UPINGTON,  
8801

  
**JASPER JOHANNES LOUW**  
VAN COPPENHAGENSTRAAT 20  
20 VAN COPPENHAGEN STREET  
UPINGTON 8801  
KOMMISSARIS VAN EDE  
COMMISSIONER OF OATHS  
PROFESIONELE REKENMEESTER (SA)  
PROFESSIONAL ACCOUNTANT (SA)

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Certified a true copy of the original which bears no noticeable evidence of alternative alternations by an unauthorised person.

The Companies and Intellectual Property Commission of South Africa

P.O. Box 429, Pretoria, 0001, Republic of South Africa

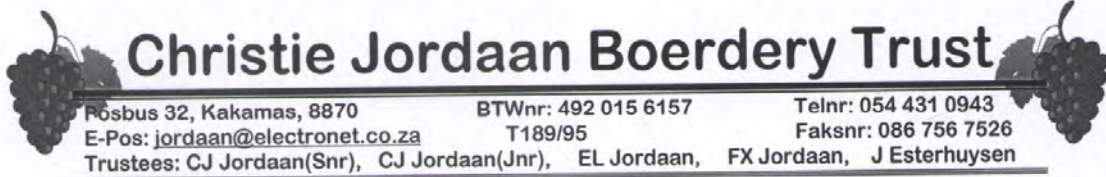
Docex 256, Pretoria

Contact centre 086 100 2472

www.cipc.co.za



Letter from Property Owner providing Access/Lease



27 Januarie 2017

**Wie dit mag aangaan**

Hiermee gee ons ( die trustees van Christie Jordaan Boerdery Trust) toestemming aan KOBUS DUVENHAGE BOUERS CC om aansoek te doen vir 'n 5Ha mynpermit by DMR asook 'n water use licence by Waterwese op ons (CHRISTIE JORDAAN BOERDERY TRUST) eiendom

Die spesifieke eindom hier ter sprake is 'n 2550,9821Ha buite grond wat hoofsaaklik gebruik word vir die boer van wild vir jag doeleindes  
Dit is geleë so om en by 5 km buite Kakamas

GPS koördinate is soos volg: 28°49'10.09"S 20°35'12,32"E

Trust Akte nr : T 189/95  
Transportakte nr: T42264/1993  
Kaart nr: 7682/91  
Perseël nr: 1768

CJ JORDAAN (SNR)  
3805245043087

CJ JORDAAN (JNR)  
6609205074083

EL JORDAAN  
6912215048083

FX JORDAAN  
7607265051081

## Appendix 15:

## Title Deed Search

7/3/2017 https://search.windeed.co.za/DeedsOffice/HtmlPrintout/230788468?printerFriendly=true&isVersioned=True&showSearchInsureStamp=True&sho...

### WinDeed Database Property Report

**windeed**  
A LexisNexis® Product

#### KAKAMAS SUID SETT, 1768, 0 (CAPE TOWN)

##### GENERAL INFORMATION

Deeds Office	CAPE TOWN
Date Requested	2017/07/03 15:38
Information Source	WINDEED DATABASE
Reference	-



##### PROPERTY INFORMATION

Property Type	ERF	Diagram Deed	T42264/1993
Erf Number	1768	Extent	2550,9821HA
Portion Number	0	Local Authority	KENHARDT DC
Township	KAKAMAS SUID SETT	Province	NORTHERN CAPE
Registration Division	NOT AVAILABLE	Previous Description	PTN OF 1178
LPI Code	C03600060000176800000		

##### OWNER INFORMATION

###### OWNER 1 OF 1

Type	TRUST	Title Deed	T72312/1996
Name	CHRISTIE JORDAAN BOERDERY TRUST	Microfilm	1996 0764 1552
ID / Reg. Number	189/95	Purchase Price (R)	477,000
Multiple Owners	YES	Purchase Date	1996/06/25
Multiple Properties	YES	Registration Date	1996/09/17
Share	0.00		

##### ENDORSEMENTS (2)

#	Document	Institution	Amount (R)	Microfilm
1	K1171/1994S	-	-	1994 0986 1867
2	B889/2012	STANDARD BANK OF SOUTH AFRICA L	1,500,000	-

##### HISTORIC DOCUMENTS (2)

#	Document	Owner	Amount (R)	Microfilm
1	T42264/1993	JORDAAN CHRISTIAAN J & H J M/I	102,000	1996 0764 1531
2	T42264/1993	JORDAAN CHRISTIAAN J & H J M/I 102000	102,000	1996 0764 1531

**DISCLAIMER:** This report contains information gathered from our suppliers and we do not make any representations about the accuracy of the data displayed nor do we accept responsibility for inaccurate data. WinDeed will not be liable for any damage caused by reliance on this report. This report is subject to the terms and conditions of the [WinDeed End User Licence Agreement \(EULA\)](#).



**Appendix 16:**

**Motivation in terms of Section 27 of the NWA**



## Motivation in Terms of Section 27 of the NWA

### SECTION OF HARTBEES RIVIER ON PROPERTY 1768, KAKAMAS-SOUTH

The following information is supplied for the assessment of the water use registration in terms of Section 27(1) of the National Water Act, 1998 (Act 36, 1998), and should be read in conjunction with the Supplementary Form DW781/DW775 for Section 21(c) and 21(i).

The Water Use Application Forms, EMP and Closure Plan covers the proposed mining area.

#### **1. Existing lawful water uses (Section 27(1)(a))**

The water use is to be carried out under cover of an approved Environmental Management Plan, and Closure Plan in terms of Section 39(4)(A) of the MPRDA (Act 28 of 2002) once the Mining Permit has been granted by DMR.

Environmental authorization in terms of NEMA (Act 107 of 1998) is deemed necessary according to the EIA Regulation (as amended on 7 April 2017) in Government Notices GN 326 (Regulations), and 327 (Activity 21). The DMR is the competent authority who will review the Basic Assessment Report for this application in conjunction with the Mining Permit requirements, such as the Closure and Rehabilitation Plan.

#### **2. Reversal of past racial and gender discrimination (Section 27(1)(b))**

The seasonal stream where mining takes place flows on average once a year and there are no downstream water users dependent on the water. There are also no previously disadvantaged water users or settlements situated downstream of the proposed mine, and therefore no need to address past imbalances.

#### **3. Efficient and beneficial use of water in the public interest (Section 27(1)(c))**

The proposed alteration will have no effect on water quality or quantity with respect to downstream users. No downstream users are identified that are dependent on the stream because of the irregular flow pattern. Consultation is to take place during the Basic Assessment process.

#### **4. Socio-economic impact (Section 27(1)(d))**

The proposed mining area is not in a pristine area and other land uses, such as the existing farm, already impacts on the aesthetic value of the area.

The proposed mine will supply building material and will have a positive socio-economic impact with respect to job creation and EPWP projects. Every building industry is dependent on sand and the issuing of a permit will not only benefit the applicant but every other building sector. In particular, there are new solar renewable energy projects and the associated powerlines that are being constructed in the area, that require the sand for cement.

#### **5. Catchment management strategy applicable to the relevant water resource (Section 27(1)(e))**

The Lower Orange Water Management Area (LOWMA) is a particularly dry, arid climate, with tributaries to the Orange River that are typically non-perennial and have erratic flows. The LOWMA is also characterised by a series of unique systems of irrigation canals, and water transfer schemes, resulting in human settlement and associated activities being concentrated in areas along the immediate banks of the river or at destinations of pipelines. The report referenced (dated 2009) acts as a desktop catchment assessment study and paves the way for a more comprehensive catchment assessment study to be conducted, particularly contributing towards an Integrated Water

Quality Management Strategy for both the Lower and Upper WMA that especially involves international stakeholders<sup>1</sup>.

The mining of river sand in the tributaries of the Orange River in the LOWMA is not identified as a land use activity that impacts the water quantity or quality of the Orange River. The need for a sustainable water supply for human settlement and agricultural activities appears to be the focus in this WMA.

#### **6. Likely effect of water use to be authorized on the water resource and on other water users (Section 27(1)(f))**

Under natural conditions, the flows generated within the Lower Orange River are very small in comparison with that entering the Lower Orange River from the Vaal River and the Upper Orange River<sup>2</sup>.

The removal of river sand from the unnamed tributary for the building industry will have very little impact on the water resource quality or quantity or and on other water users, as there is generally very little rainfall in the area with almost no run-off that will reach the Orange River.

The removal of river sand from the river bed is not expected to affect the water resource, as the mitigation measures contained in the EMP address any potential negative impacts, and provide measures for the rehabilitation of the water resource.

#### **7. The class and the resource quality objectives of the water resource (Section 27(1)(g))**

Refer to the Supplementary Report, Section 1.2.4, where the PES and EIS are described for the section of the Lower Orange River, into which the unnamed watercourse flows as a non-perennial tributary.

#### **8. Investment already made in respect of the water use in question (Section 27(1)(h))**

Large capital investments are involved in the industry and contractual obligations to local government and other clients are also at stake. A shortage of sand will have a direct effect on development in the region and on other investments.

#### **9. The strategic importance of the water use to be authorised (Section 27(1)(i))**

Refer to Section 4 above, and the Supplementary Report, Section 3.1, which refers to the strategic importance of supplying sand to the building industry.

#### **10. The quality of water in the water resource which may be required for the reserve and for meeting international obligations (Section 29(1)(j))**

As mentioned in Section 6 above, the proposed removal of river sand from the Hartbees Rivier for the building industry will have very little impact on the water resource quality, as there is generally very little rainfall in the area with almost no run-off that will reach the Orange River.

The removal of river sand from the river bed is not expected to affect the water resource, as the mitigation measures contained in the EMP address any potential negative impacts, and provide measures for the rehabilitation of the water resource.

#### **11. Period for which the license is to be issued (Section 27(1)(k))**

The water use registration will be directly connected to the mining permit. The operation is carried out in terms of an approved Mining Permit to be issued to Kobus Duvenhage Bouers BK (Reg. 2003/014333/23). The MPRDA provides for renewal of the mining permit for a total period of five (5)

---

<sup>1</sup> Department of Water and Environmental Affairs (DWA), 2009. Development of an Integrated Water Quality Management Strategy for the Upper and Lower Orange Water Management Areas, Desktop Catchment Assessment Study: Lower Orange Water Management Area (WMA 14). Report No. 2.2 (P RSA D000/00/7909/3). Edition 1, August 2009.

<sup>2</sup> Draft DWS Report (August 2016): "Determination of Ecological Water Requirements for Surface Water (rivers, estuaries and wetlands) and groundwater in the Lower Orange WMA; Report No. RDM/WMA06/00/CON/COMP/2016).

years and therefore this is the required period for the Water Use General Authorisation (in terms of Notice 509 of 2016 in GG No. 40229) for Section 21 (c) and (i) of the National Water Act, 1998 (Act 36 of 1998).

## **12. Compliance with other legislation**

Environmental authorization in terms of NEMA (Act 107 of 1998) is deemed necessary according to the EIA Regulation (as amended on 7 April 2017). The DMR is the competent authority who will review the Basic Assessment Report for this application in conjunction with the Mining Permit requirements, such as the Closure and Rehabilitation Plan. Authorisation is to be obtained from the SAHRA. The application for the mining permit will include consultation with relevant departments.

**MINING PERMIT DOCUMENTS**

**Appendix 17:**

**Proof of Submission of Mining Permit Application**

**Refer to Appendix D2 in the DBAR**



**mineral resources**

Department:  
Mineral Resources  
REPUBLIC OF SOUTH AFRICA

Private Bag X 16 Springbok 8240 Tel: 027 7128160; Fax: 0277121959  
1<sup>st</sup> Floor Hopley Building, Van der Stel Street, Springbok 8240

Enquiries: Daidre Karsten Ref No: NCS 30/5/11/2/1 (10631)MP  
E-mail address: Daidre.Karsten@dmr.gov.za  
Mine Environmental Management

KOBUS DUVENHAGE BOUERS (Pty) Ltd

Private Bag x5879

UPINGTON

8800

Attention: J.A. Barnard

email: jenny@greendirection.co.za

ACKNOWLEDGEMENT OF AN APPLICATION FOR ENVIRONMENTAL  
AUTHORISATION LODGED IN TERMS OF SECTION 24 OF NATIONAL  
ENVIRONMENTAL MANAGEMENT ACT, 1998 (ACT 107 OF 1998) READ WITH  
REGULATION 19 OF THE ENVIRONMENTAL IMPACT ASSESSMENT (EIA)  
REGULATIONS, 2014 FOR PROSPECTING RIGHT AND RELATED  
INFRASTRUCTURAL ACTIVITIES ON THE ERF 1766 KAKAMAS SOUTH SITUATED  
IN THE MAGISTERIAL DISTRICT OF KENHARDT NORTHERN CAPE REGION.

1. I refer to the abovementioned matter and confirm that your application for an Environmental Authorisation herein referred to as "EA" lodged on 14 September 2017 is hereby acknowledged.
2. You are advised to submit a basic assessment report within 90 days from the date that you have lodged this application. Your ninety (90) days will lapse on 14<sup>th</sup> December 2017. Please note that this inclusive of weekends but exclusive of public holidays.

Acknowledgement of application for Environmental Authorisation: Ref No NCS 30/5/11/2/ (12039) PR

DMR 10

3. Acknowledgement of your application does not grant you permission to commence with Prospecting activities. Commencement of a listed activity without an environmental authorisation constitutes an offence in terms of Section 49A (1) (a) of NEMA, 1998 (Act 107 of 1998) as amended and upon conviction for such an offence, a person is liable to a fine not exceeding R10 million or to imprisonment for a period not exceeding ten years, or to both such fine and such imprisonment.

Hope that this letter will receive your utmost attention. Please quote this office file number for any correspondence as reference.



REGIONAL MANAGER: MINERAL REGULATION

NORTHERN CAPE REGION

DATE: 26/07/2017

Please quote this office file number for any correspondence as reference

**Appendix 18:**

**EMP**

**Refer to Part B included in the DBAR**



**Appendix 19:**

**Revised Final Rehabilitation, Decommissioning and Mine Closure  
Plan, including Environmental Risk Assessment**

**Refer to Appendix F in the DBAR**