

Part 2: WASTE DISCHARGE RELATED WATER USE IN TERMS OF SECTION 21(g) OF THE NATIONAL WATER ACT, (ACT NO. 36 OF 1998)

Section 21(g): disposing of waste in a manner which may detrimentally impact on a water resource.

1. GENERAL INFORMATION

1.1 Indicate the nature of this application:

Licence-Related WU

1.2 Have you already registered a water use with the Department of Water Affairs and Forestry?

Yes

No

Registration Number

Water Use Number

1.3 Indicate if Section 21(j) is applicable to this water use application:

Section 21(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.

Yes

No

1.4 Do you have a licence, permit or exemption for this waste discharge?

(Issued in terms of the National Water Act (Act No. 36 of 1998), Water Act (Act No. 54 of 1956) or the Environmental Conservation Act (Act No. 73 of 1989))

Yes

No

RLA Reference

NRWU Licence Number

RLA Business Unit

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

OR

Existing Permit Information

Permit Number

Date

X

OR

Exemption Reference Number

BBBEE Status

BLACK ECONOMIC EMPOWERMENT COMPLIANT (BEI)

Select

Clear

Last BBBEE Status Certification Date

X

Declaration by Applicant

The applicants declaration, as to the correctness of the information provided, is pending the sign off signature. This will be updated once all the documentation and registration forms have been completed. There may be more pages of information for you to complete after this page.

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

2. DESCRIPTION OF THE WASTE GENERATED

2.1 Select the main sector applicable to this application

MINING

Select Clear

2.1.1 Select the sector that generates the wastewater or waste which this application refers to

QUARRYING

Select Clear

Other (specify)

Dust suppression

2.2 Which of the following describes the nature of the wastewater?

Nature of the Wastewater

Wastewater containing > 70% w

Select

Delete

Select

Delete

Add another

2.3 Which of the following describes the composition of the wastewater?

Composition of Wastewater

Wastewater consisting of >90% r

Select

Delete

Select

Delete

Add another

2.4 Describe the activity that generates the waste

Quarrying - Dust suppression

2.5 Discharge to a land based facility

When did/will this waste discharge start? August 2021

When did/will this waste discharge end? (if applicable) August 2026

2.5.2 The total volume of waste / wastewater discharged per year (cubic meters) 4800

2.5.3 The maximum volume of waste / wastewater discharged on any given day (cubic meters) 20

2.5.4 The maximum Capacity of Storage (cubic meters) 20

2.5.5 Monthly discharge pattern expressed in

- Cubic meters
- Percentage (%) of total
- Another unit of measure

If "Another unit of measure" was selected, specify the "unit of measure" to be applied to the monthly irrigation pattern details

January

Minimum 10

Average 10

Maximum 10

February

Minimum 10

Average 10

Maximum 10

March

Minimum 10

Average 10

Maximum 10

April

Minimum

Average

Maximum

May

Minimum

Average

Maximum

June

Minimum

Average

Maximum

July

Minimum

Average

Maximum

August

Minimum

Average

Maximum

September

Minimum

Average

October

Maximum 20

Minimum 10

Average 10

Maximum 10

November

Minimum 10

Average 10

Maximum 10

December

Minimum 10

Average 10

Maximum 10

2.5.5 Intake Water

National Water Act - Section 21(a/b/g/j) Water Use

Section 21(?)	Registered	Volume of Water applicable to this Waste Discharge (m³)	If Registered Register Number	If Registered Water Use Number	
21 g	No	4800			Delete
	No				Delete

Add another

2.5.6 Average disposal volume / discharge volume onto the land / facility

Average disposal volume (cubic meters) 4800

Average disposal volume Time Interval

- Per Month
- Per Year

Maximum disposal volume anticipated (cubic meters) 4800

Maximum disposal volume anticipated Time Interval

- Per Month
- Per Week
- Per Year

Quality Variables And Unit Of Measurement

Quality Variable	Start Date	End Date	Average Irrigated Concentration	Time Interval	Max Irrigated Concentration	Max. Tim
TOTAL DISSOLVED SOLIDS Select	August 2021	August 2026	4800	PER YEAR Select	4800	PER YEAR Select
 Select	 	 		 Select		 Select

3. RECEIVING ENVIRONMENT/RECEPTOR

Serves to address the following: The resource that needs to be protected and related issues such as: how close to surface water, groundwater level, presence of boreholes, whether communities use boreholes or abstract from the surface water, etc.

3.1 Description of nearby water resource(s)

3.1.1 Description of surface water resources

Type of surface water resource, nearest to location where irrigation is taking place

If surface water resource is a Dam, select from the list

If surface water resource is a Scheme, select from the list

If surface water resource is not a Dam or a Scheme, the enter the Name / Description of the nearest surface water resource

Other (specify)

Distance to the nearest water resource (meters)

3.1.2 Description of Groundwater Resources

Type of groundwater resource, nearest to location where irrigation is taking place

If groundwater resource is a Scheme, select from the list

If groundwater resource is not a Scheme, the enter the Name / Description of the nearest groundwater resource

Other (specify)

Distance to the nearest groundwater resource (meters)

3.3 PROPERTY RELATIONSHIP DETAILS

Properties	Start Date	End Date	
Land Parcel 16691 of the Major I <input type="button" value="Select"/>	July <input type="button" value="v"/> 2005 <input type="button" value="v"/>	<input type="button" value="v"/> <input type="button" value="v"/>	<input type="button" value="Delete"/>
<input type="text"/>	<input type="button" value="v"/> <input type="button" value="v"/>	<input type="button" value="v"/> <input type="button" value="v"/>	<input type="button" value="Delete"/>

4. DISTRICT MUNICIPALITY

District Municipality (if applicable)