



water & sanitation

Department
Water and Sanitation
REPUBLIC OF SOUTH AFRICA

National Register of Water Use Registration Record 22059442

Water Use Registration Record 22059442 is issued in terms of the regulations requiring that a Water Use be registered, promulgated under Section 26(1)(c) of the National Water Act(Act 36 of 1998) to:

Applicant

Applicant Type: WATER SERVICES PROVIDER
Name: PRINCE ALBERT LOCAL MUNICIPALITY
Postal Address: PRIVATE BAG X53
PRINS ALBERT
6930

VAT Registration Number:

Water Management Area

Name: BREEDE-GOURITZ

Register Status

Status: ACTIVE

Water Uses

See attached Annexure(s)

Water Use No.	Water Use	Volume	Volume Start Date	Volume End Date
1	21(a)	350,000 CUBIC METRES PER YEAR	1900/01/01	
2	21(e)		2021/01/01	
3	21(g)		2021/01/01	
5	21(c)		2021/01/01	
6	21(i)		2021/01/01	



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Office: Breede-gouritz Cma Regional Office: Western Cape Region CMA: BREEDE-GOURITZ CATCHMENT MANAGEMENT AGENCY

BREEDE-GOURITZ CMA 17 MAY 2021
Date stamp of issuing office

DISCLAIMER :

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 - 2.1 a licence;
 - 2.2 an official document stating the extent of existing lawful water use pursuant to sections 33 or 35 of the National Water Act;
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 - 2.4 Schedule 1 of the National Water Act.

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National Register of Water Use Registration Record 22059442

Taking water from a water resource in terms of Section 21(a) of the National Water Act

Water Use Identification

Register Number: 22059442
 Water Use Number: 1
 Water Use Start Date: UNKNOWN
 Water Use Status Date: 2002/04/30
 Water Use Status: REGISTERED

Lawfulness Authentication

Finding: LAWFULNESS STILL TO BE DETERMINED
 Finding Date: 2006/03/31
 Finding Reason: UNVERIFIED

Finding Confirmed: YES

Water Use Details

Water Use Sector(s)(i.e. Purpose(s) of Water Use): WATER SUPPLY SERVICE
 Source Type: RIVER/STREAM
 Water Resource Name: DORPS RIVER
 Point of Abstraction: Latitude 33° 17' 20" south Longitude 22° 3' 5" east
 Datum Type: WGS-84
 Quaternary Drainage Region: J23F

Registered Volumes

Start Date	End Date	Registered Volume (m³)	Time Interval	Transmission Losses %
UNKNOWN		350000	PER YEAR	

Property Where Water Use Occurs

Property Name: PRINS ALBERT
 Property Number: 154
 Portion of Property: 1
 SG Cadastral Code: C0610000000015400001
 Deeds Office: CAPE TOWN
 Registration Division: PRINCE ALBERT
 Registration Division Province: WESTERN CAPE
 Surveyor General Office: CAPE TOWN

WUN/Property Relationship Details

Relationship Start Date	Relationship End Date
1900/01/01	

National Register of Water Use Registration Record 22059442

Taking water from a water resource in terms of Section 21(a) of the National Water Act

Water Use Identification

Register Number:	22059442
Water Use Number:	1
Water Use Start Date:	UNKNOWN
Water Use Status Date:	2002/04/30
Water Use Status:	REGISTERED

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National Register of Water Use Registration Record 22059442

Impeding or diverting the flow of water in a watercourse in terms of Section 21(c) of the National Water Act

Water Use Identification

Register Number: 22059442
 Water Use Number: 5
 Water Use Start Date: 2021/01/01
 Water Use Status Date: 2021/05/17
 Water Use Status: REGISTERED

Licence Information

NRWU Licence Number: 22059442/5
 Licence Status: APPROVED
 Licence Expiry Date: 2040/12/31
 Review Period: 5 YEARS

RLA Details

RLA Business Unit: BREEDE GOURITZ - WORCESTER
 RLA Reference: /J33C/CEGI/10065

Lawfulness Authentication

Finding: LAWFUL
 Finding Date: 2020/12/03
 Finding Reason: LICENCE

Finding Confirmed: YES

Water Use Details for Impeding the Flow of Water

Water Resource: DRY DRAINAGE LINE TRIBUTARY OF SAND RIVER
 Geographic Location: **Latitude** **Longitude**
 Datum Type: 33.321638° south 22.529089° east
 WGS-84
 For the Purpose of: UPGRADE KLAARSTROOM WWTW
 Height: 1 METRES
 Width: 1.5 METRES
 Length: 140 METRES
 Water Use Sector: WATER SUPPLY SERVICE
 Quaternary Drainage Region: J33C

Property Where Water Use Occurs

Property Name: KLAARSTROOM
 Property Number: 178
 Portion of Property: 32
 SG Cadastral Code: C06100000000017800032
 Deeds Office: CAPE TOWN
 Registration Division: PRINCE ALBERT
 Registration Division Province: WESTERN CAPE
 Surveyor General Office: CAPE TOWN

WUN/Property Relationship Details

Relationship Start Date	Relationship End Date
2021/01/01	

National Register of Water Use Registration Record 22059442

Impeding or diverting the flow of water in a watercourse in terms of Section 21(c) of the National Water Act

Water Use Identification

Register Number: 22059442
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Water Use Start Date: 2021/01/01
Water Use Status Date: 2021/05/17
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National Register of Water Use Registration Record 22059442

Engaging in a controlled activity: irrigation of any land with wastewater in terms of Section 21(e) of the National Water Act

Water Use Identification

Register Number: 22059442
Water Use Number: 2
Water Use Start Date: 2021/01/01
Water Use Status Date: 2016/12/22
Water Use Status: REGISTERED

Licence Information

NRWU Licence Number: 22059442/2
Licence Status: APPROVED
Licence Expiry Date: 2040/12/31
Review Period: 5 YEARS

RLA Details

RLA Business Unit: BREEDE GOURITZ - WORCESTER
RLA Reference: /J33C/CEGI/10065

Lawfulness Authentication

Finding: LAWFUL
Finding Date: 2020/12/03
Finding Reason: LICENCE

Finding Confirmed: NO

Source Details

Waste Generating Sector: URBAN / DOMESTIC - SEWAGE TREATMENT WORKS

Description of Waste

- Nature of Wastewater:**
- Wastewater containing > 70% water by mass
 - Wastewater with an EC of < 500 mS/m
- Composition of Wastewater:**
- Wastewater consisting of >90% organic content by mass (i.e. load)
- Description of the activity that generates the waste:** WASTE WATER TREATMENT WORKS

Registered Irrigated Loads

Quality Variable	Start Date	End Date	Load (kg)	Time Interval	Maximum Load(kg)
AMMONIA	2021/01/01		25.87	PER YEAR	
CHEMICAL OXYGEN DEMAND	2021/01/01		102.37	PER YEAR	
TOTAL DISSOLVED SOLIDS	2021/01/01		166.49	PER YEAR	

Crops Under Wastewater Irrigation On This Area

Crop Type % of total volume
 LUCERNE 28

National Register of Water Use Registration Record 22059442

Engaging in a controlled activity: irrigation of any land with wastewater in terms of Section 21(e) of the National Water Act

Water Use Identification

Register Number: 22059442
 Water Use Number: 2
 Water Use Start Date: 2021/01/01
 Water Use Status Date: 2016/12/22
 Water Use Status: REGISTERED

Pathways/Management Practices

Description of Irrigation Patterns

Total volume of waste discharged per year: 22000

Maximum volume of waste discharged on any day: 28

Monthly Discharge Expressed in:

CUBIC METRES

Month	Minimum	Average	Maximum
JANUARY		0	
FEBRUARY		0	
MARCH		0	
APRIL		0	
MAY		0	
JUNE		0	
JULY		0	
AUGUST		0	
SEPTEMBER		0	
OCTOBER		0	
NOVEMBER		0	
DECEMBER		0	

Receiving Environment/Receptor

Description of Nearby Water Resources

Name/Description of the Water Resource:

Location of Area Irrigated With Waste or Water Containing Waste

Area/Field Number: 1

Area: 7800 HECTARES

Geographical location of each of the external points of the selected area

Seq. No.	Latitude	Longitude	Datum Type
2	33.32261° south	22.52906° east	WGS-84

Total area of land irrigated: 7800 HECTARES

Quaternary Drainage Region: J33C

Waste Scheme Information

Waste Scheme Name:

Waste Scheme Management Parameter Name:

Waste Scheme Management Parameter Applicable

From Date:

National Register of Water Use Registration Record 22059442

Engaging in a controlled activity: irrigation of any land with wastewater in terms of Section 21(e) of the National Water Act

Water Use Identification

Register Number: 22059442
Water Use Number: 2
Water Use Start Date: 2021/01/01
Water Use Status Date: 2016/12/22
Water Use Status: REGISTERED

Property Where Water Use Occurs

Property Name: KLAARSTROOM
Property Number: 178
Portion of Property: 34
SG Cadastral Code: C0610000000017800034
Deeds Office: CAPE TOWN
Registration Division: PRINCE ALBERT
Registration Division Province: WESTERN CAPE
Surveyor General Office: CAPE TOWN

WUN/Property Relationship Details

Relationship Start Date	Relationship End Date
2021/01/01	

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National Register of Water Use Registration Record 22059442

Disposing of waste in a manner which may detrimentally impact on a water resource in terms of Section 21(g) of the National Water Act

Water Use Identification

Register Number: 22059442
 Water Use Number: 3
 Water Use Start Date: 2021/01/01
 Water Use Status Date: 2016/12/22
 Water Use Status: REGISTERED

Licence Information

NRWU Licence Number: 22059442/3
 Licence Status: APPROVED
 Licence Expiry Date: 2040/12/31
 Review Period: 5 YEARS

RLA Details

RLA Business Unit: BREEDE GOURITZ - WORCESTER
 RLA Reference: /J33C/CEGI/10065

Lawfulness Authentication

Finding: LAWFUL
 Finding Date: 2020/12/03
 Finding Reason: LICENCE

Finding Confirmed: YES

Source Details

Waste Generating Sector: URBAN / DOMESTIC - SEWAGE TREATMENT WORKS

Description of Waste

Nature of Wastewater:

- Wastewater containing > 70% water by mass
- Wastewater with an EC of < 500 mS/m

 Composition of Wastewater:

- Wastewater consisting of >90% organic content by mass (i.e. load)

 Description of the activity that generates the waste: UBARN WASTEWATER TREATMENT

Registered Discharge Loads

Quality Variable	Start Date	End Date	Load (kg)	Time Interval	Maximum Load (kg)	Time Interval
AMMONIA	2021/01/01		25.87	PER YEAR		
CHEMICAL OXYGEN DEMAND	2021/01/01		102.37	PER YEAR		
TOTAL SUSPENDED SOLIDS	2021/01/01		3712.17	PER YEAR		

Pathways/Management Practices

Description of Waste Discharge Patterns

Total volume of waste discharged per year: 30000
 Maximum volume of waste discharged on any day: 5470
 Monthly Discharge Expressed in: CUBIC METRES

National Register of Water Use Registration Record 22059442

Disposing of waste in a manner which may detrimentally impact on a water resource in terms of Section 21(g) of the National Water Act

Water Use Identification

Register Number: 22059442
Water Use Number: 3
Water Use Start Date: 2021/01/01
Water Use Status Date: 2016/12/22
Water Use Status: REGISTERED

Month	Minimum	Average	Maximum
JANUARY	60	70	80
FEBRUARY	60	70	80
MARCH	60	70	80
APRIL	60	70	80
MAY	60	70	80
JUNE	60	70	80
JULY	60	70	80
AUGUST	60	70	80
SEPTEMBER	60	70	80
OCTOBER	60	70	80
NOVEMBER	60	70	80
DECEMBER	60	70	80

Receiving Environment/Receptor

Description of Nearby Water Resources

Name/Description of the Water Resource:

Waste Scheme Information

Waste Scheme Name:

Waste Scheme Management Parameter Name:

Waste Scheme Management Parameter

Applicable From Date:

Quaternary Drainage Region: J23F

Waste Management Facility Details

General Information

Facility Name: KLAARSTROOM WASTE WATER TREATMENT WORKS

Facility Status: COMPLETE

Operation Start Date: 2012/01/01 **End Date:**

Responsible Office: BREEDE-GOURITZ CMA

Waste Management Facility File No.:

The Facility will be lined: NO

Approximate Maximum Tonnage Per Day:

Approximate Total Tonnage Per Annum:

Distance from nearest borehole used for drinking water or stock watering:

Distance from the edge of the nearest downstream surface water resource:

Area of the Actual Waste Body ("Footprint" Area):

Facility Classification:

Hazard Rating:

Classification Date: 1899/12/30

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Water Use Identification

Register Number: 22059442
 Water Use Number: 3
 Water Use Start Date: 2021/01/01
 Water Use Status Date: 2016/12/22
 Water Use Status: REGISTERED

Location of Facility

Seq. No.	Latitude	Longitude	Datum Type
1	33.32261° south	22.52806° east	WGS-84

Authorisation/Regulation

Authorisation/Regulation Type:
 Applicable Authorisation/Regulation Reference Number/Environment Conservation Act Permit Number:
 Office In Control of Authorisation:
 Authorisation/Regulation Valid from: Valid To:

Dimensions

	Height/Depth	Length	Breadth
At Commencement:			
After Rehabilitation:			
Available Airspace:			
Total Volume Already Used For Waste Disposal:			
Accuracy Of Above Volumes:			

Buffer Zone

Actual Distance To The Boundary of the Nearest

a) Formal Residential Area: 320 METRES
 b) Informal Residential Area: 0 METRES
 c) Industrial Area: 0 METRES

Buffer Zone Determination Done By: SCIENTIFIC METHOD

Waste Types

Waste Type	Other Waste Type Description
OTHER WASTE	WASTE WATER TREATMENT WORKS

Type of Facility

Type of Facility	Size (ha)	Estimated Lifetime (years)	Disposal Started on	Disposal Ceased on
WASTE TREATMENT PLANT	0.1 HECTARES	1	2012/01/01	

Facility Details

Facility Flaw Indicators:
 Disposal Methods:

Climatic Water Balance

Wettest 6 months of the year:

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Water Use Identification

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Water Use Start Date: 2021/01/01
Water Use Status Date: 2016/12/22
Water Use Status: REGISTERED

Wettest Years During the Past 30 Years

Rating	Year	Total Rainfall For 6 months	Total Evaporation for 6 months
--------	------	-----------------------------	--------------------------------

Wettest Year:
2nd Wettest Year:
3rd Wettest Year:
4th Wettest Year:
5th Wettest Year:
6th Wettest Year:
7th Wettest Year:
8th Wettest Year:
9th Wettest Year:
10th Wettest Year:

Leachate Visible: NO

Other Facility-specific Water Balance Factors:

Contact Person

Contact Type	Surname	Name	Title	ID Number	Phone
PERSON IN CONTROL OF THE SITE	KLINK	N	MR	7403015222085	0235411014

Operation of Facility

Type of Operation:
Sufficient Cover Material Available On Site: NO
Covering and Burning Of Waste:
Leachate Management System Present: NO
Storm Water Management: • UPSTREAM CUT-OFF TRENCHES

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Water Use Identification

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Water Use Number: 3
Water Use Start Date: 2021/01/01
Water Use Status Date: 2016/12/22
Water Use Status: REGISTERED

Property Where Water Use Occurs

Property Name: KLAARSTROOM
Property Number: 178
Portion of Property: 32
SG Cadastral Code: C06100000000017800032
Deeds Office: CAPE TOWN
Registration Division: PRINCE ALBERT
Registration Division Province: WESTERN CAPE
Surveyor General Office: CAPE TOWN

WUN/Property Relationship Details

Relationship Start Date	Relationship End Date
2021/01/01	

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National Register of Water Use Registration Record 22059442

Altering the bed, banks, course or characteristics of a watercourse in terms of Section 21(i) of the National Water Act

Water Use Identification

Register Number: 22059442
Water Use Number: 6
Water Use Start Date: 2021/01/01
Water Use Status Date: 2021/05/17
Water Use Status: REGISTERED

Licence Information

NRWU Licence Number: 22059442/6
Licence Status: APPROVED
Licence Expiry Date: 2040/12/31
Review Period: 5 YEARS

RLA Details

RLA Business Unit: BREEDE GOURITZ - WORCESTER
RLA Reference: /J33C/CEGI/10065

Lawfulness Authentication

Finding: LAWFUL
Finding Date: 2020/12/03
Finding Reason: LICENCE

Finding Confirmed: YES

Water Use Details

Type of Water Resource: RIVER/STREAM
Water Resource: KLAARSTROOM WWTW
For the Purpose of: UPGRADE OF KLAARSTROOM WASTEWATER TREATMENT WORKS

Altering of: BED

Start of Alteration: Latitude Longitude
33.321889° south 22.529004° east

Datum Type: WGS-84

End of Alteration: Latitude Longitude

Datum Type:

Length of Watercourse Affected by Alteration: 50 METRES

Water Use Sectors:

Quaternary Drainage Region: J33C

National Register of Water Use Registration Record 22059442

Altering the bed, banks, course or characteristics of a watercourse in terms of Section 21(i) of the National Water Act

Water Use Identification

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Water Use Number: 6
Water Use Start Date: 2021/01/01
Water Use Status Date: 2021/05/17
Water Use Status: REGISTERED

Property Where Water Use Occurs

Property Name: KLAARSTROOM
Property Number: 178
Portion of Property: 32
SG Cadastral Code: C06100000000017800032
Deeds Office: CAPE TOWN
Registration Division: PRINCE ALBERT
Registration Division Province: WESTERN CAPE
Surveyor General Office: CAPE TOWN

WUN/Property Relationship Details

Relationship Start Date	Relationship End Date
2021/01/01	

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