



water & sanitation

Department:
Water and Sanitation
REPUBLIC OF SOUTH AFRICA

Enquiries: TJ Phinithi
Telephone: 051 405 92180
Reference: 27/2/1/C570/22

B & E INTERNATIONAL (PTY) LTD
P O Box 26730
EAST RAND
KEMPTON PARK
1462

Attention: M SAAL

VAAAL PROTO CATCHMENT MANAGEMENT AGENCY: GENERAL AUTHORISATION IN TERMS OF SECTION 39 OF THE NATIONAL WATER ACT, 1998 (ACT 36 OF 1998) AS PUBLISHED IN THE GOVERNMENT GAZETTE OF 06 SEPTEMBER 2013, GAZETTE NO.36820.

This Department has reviewed a water use application for Section 21(a) taking of water from a water resources and Section 21(g) for disposing of waste in manner which may detrimentally impact on the water resource and also for Section 21(j) removing, discharging or disposing of water found underground within the property Remainder of Bloemhof 14, Parys District, Free State Province, the property is situated in the quaternary catchment C70E in the Middle Vaal Water Management Area. We confirm authorized in terms of Section 39 of the National Water Act 1998, (Act No 36 of 1998), as published in the Government Notice No.665 of Government Gazette No.36820 of 18 December 2009.

Please note the following:

- ◆ The activity must be undertaken according to the information provided to Department of Water and Sanitation.
- ◆ The activities must be carried out in accordance with the conditions stipulated in the General Authorisation as published in the Government Gazette No.36820 of 06 September 2013.

Kindly contact this Department should you have any further enquiries.

Yours sincerely

DIRECTOR: INSTITUTIONAL OVERSIGHT (Acting)

DATE: 13/08/2019



water & sanitation

Department:
Water and Sanitation
REPUBLIC OF SOUTH AFRICA

Enquiries: T Phinithi
Telephone: 051 405 9000
Reference: 27/2/1/C570/22

DEPUTY DIRECTOR: MIDDLE VAAL WATER MANAGEMENT AREA (FREE STATE)

MIDDLE VAAL WATER MANAGEMENT AREA: GENERAL AUTHORISATION IN TERMS OF GENERAL AUTHORISATIONS AS PUBLISHED IN SCHEDULE TO NOTICE 665 IN THE GOVERNMENT GAZETTE OF 06 SEPTEMBER 2013

1. PURPOSE

- 1.1 To obtain your approval to confirm the water use of B&E International (Pty)Ltd in terms of Section 39 of the Water Act (Act 36 of 1998) as a General Authorization for section 21(a) the taking of water from a water resource: Government Notice 970 of 30 November 2012 and Section 21(g) for disposing of waste in a manner which may detrimentally impact on a water resource and section 21(j) for removing, discharging or disposing of water found underground if it necessary for efficient continuation of an activity or for safety of people as published in Government Notice 665 of 6 September 2013.

2. BACKGROUND

- 2.1 B&E International (Pty) Ltd, submitted a water use authorization application for removal of 3 960 cubic meters of water from the quarry pit and using it for dust suppression purposes, on Remainder of Bloemhof 14, Parys District, Free State Province. The property is situated in the quaternary catchment C70E, in the Middle Vaal Water Management Area.
- 2.2 The Remaining Extent of Bloemhof 14 is located close to the town of Parys in the Free State Province. The property falls within the Ngwathe Local Municipality on the C70E quaternary drainage region in the Vaal Water Management Area (WMA).
- 2.3 The water uses requirements and General Authorization limits are summarized as follow:

Table 1: Summary of water uses applied for

Water Use	Water Use Requirement	General Authorization Limit
Section 21(a)	3 960 m ³	5 000 m ³
Section 21(g)	3 960 m ³	5 000 m ³
Section 21(j)	3 960 m ³	50 m ³

MIDDLE VAAL WATER MANAGEMENT AREA: GENERAL AUTHORISATION IN TERMS OF GENERAL AUTHORISATIONS AS PUBLISHED IN SCHEDULE TO NOTICE 665 IN THE GOVERNMENT GAZETTE OF 06 SEPTEMBER 2013

3. FINANCIAL IMPLICATION

- 3.1 Upon confirmation of the General Authorisation in terms of Section 39 of the National Water Act, 1998 (Act 36 of 1998) the water use will be captured on the Water Use Authorisation Registration Management System (WARMS) and linked to SAP for billing.
- 3.2 ~~The Department will generate revenue for the volume of 3 960 m³/annum that will be registered.~~

4. CONCLUSION

- 4.1 The water use falls within the General Authorisation volume of 3 960 m³/annum with a property size of 205.0995 ha at the abstraction rate of 75 m³ per hectare per year.

5. RECOMMENDATIONS

It is recommended:

- 5.1 You confirm the General Authorisation for Section 21 (a),(g) and (f) water use for abstraction of water from the quarry pit for the dust suppression on The Remaining Extent of Bloemhof 14, Parys roads which falls within the C70E quaternary catchment in the Middle Vaal Water Management Area.


ASSISTANT TECHNICAL OFFICER

DATE: 12/08/2019

RECOMMENDATION IN PAR. 5.1 ~~SUPPORTED / NOT SUPPORTED~~


CONTROL ENGINEERING TECHNICIAN: MIDDLE VAAL WMA

DATE: 12/08/2019

RECOMMENDATION IN PAR. 5.1 ~~CONFIRMED / NOT CONFIRMED~~


DIRECTOR: INSTITUTIONAL OVERSIGHT (ACTING)

DATE 13/08/2019



water & sanitation

Department:
Water and Sanitation
REPUBLIC OF SOUTH AFRICA

Enquiries: L Ngcobo
Telephone: 051 405 9000
Reference number: 27/2/1/C570/22

**B & E INTERNATIONAL (PTY) LTD
PO BOX 26730
EAST RAND
KEMPTON PARK
1462**

**MIDDLE VAAL WATER MANAGEMENT AREA: REGISTRATION OF WATER USE IN TERMS OF
CHAPTER 4 OF THE NATIONAL WATER ACT, 1998 (ACT 36 OF 1998):
BLOEMHOF 14 PORTION 0: DISTRICT: PARYS: REGISTRATION CERTIFICATE**

Attached please find your registration certificate, with register number 23109645, which lists the water uses for which you have registered please acknowledge receipt of this by return post. A prepaid envelope is enclosed for your convenience.

Please note that the registration certificate is not an acknowledgement of an entitlement to the water use activity. Any disagreement with the information contained in the registration certificate should be reported to the above office within 30 days of the date of this letter.

The amendment or deregistration of any water, should be applied for in writing to this Department.

Please contact Ms L Ngcobo at 051 405 9000 or e-mail NgcoboL@dws.gov.za if you have any queries in this regard.

Yours sincerely,

**G Venter
DIRECTOR: PLANNING AND INFORMATION**

DATE: 16/08/2019

Reference no: 27/2/1/C570/22

DIRECTOR: PLANNING AND INFORMATION

Department Water & Sanitation
PO BOX 528
BLOEMFONTEIN
9300

**MIDDLE VAAL WATER MANAGEMENT AREA: REGISTRATION OF WATER USE IN TERMS OF
CHAPTER 4 OF THE NATIONAL WATER ACT, 1998 (ACT 36 OF 1998):
BLOEMHOF 14 PORTION 0: DISTRICT: PARYS: REGISTRATION CERTIFICATE**

I hereby acknowledge receipt of my registration certificate with register number 23109645

.....
B & E INTERNATIONAL (PTY) LTD

.....
DATE



water & sanitation

Department:
Water and Sanitation
REPUBLIC OF SOUTH AFRICA

National Register of Water Use Registration Record 23109645

Water Use Registration Record 23109645 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: COMPANY
Name: B & E INTERNATIONAL (PTY) LTD
Enterprise Type: PRIVATE COMPANY
Business Registration Number: 1982/010924/07
Postal Address: PO BOX 26730
EAST RAND
KEMPTON PARK
1462
VAT Registration Number: 4420103634

Water Management Area

Name: VAAL

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)	3 960 CUBIC METRES PER YEAR	2019/09/01	
2	21(g)		2019/09/01	
3	21(j)		2019/09/01	



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Department:
Water and Sanitation
REPUBLIC OF SOUTH AFRICA

National Register of Water Use Registration Record 23109645

Water Use Registration Record 23109645 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:


Office: Free State Office Regional Office: Northern Cape Region

DEPT. OF WATER & SANITATION FREE STATE REGION 2019 -08- 1, 6 PRIVATE BAG X528 BLOEMFONTEIN Date stamp of issuing office

DISCLAIMER :
 This Registration Record:
 1 is not an acknowledgement of an entitlement to the registered water use;
 2 may NOT be used to create the impression that it is proof of a water use entitlement. By virtue of section 22(1) of the National Water Act, the only documents that may be used as proof of a water use entitlement, are:
 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;
 2.3 a general authorisation as published in the Gazette; or
 2.4 Schedule 1 of the National Water Act.

Notes:

- If an entitlement for the specific water use referred to in this Registration Record has been confirmed by the Department, it may be indicated as such in this Registration Record.
- If the responsible authority has dispensed with the requirement for a licence for a specific water use, no water use entitlement is needed for that use under the National Water Act.

3 is Issued without alterations or erasures and is invalid if it contains alterations not in conformity with the Department's official copy; and in substitution of any Registration Record the Department may have previously Issued and the information is valid as at the date of issue.

National Register of Water Use Registration Record 23109645

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

Water Use Identification

Register Number: 23109645
 Water Use Number: 1
 Water Use Start Date: 2019/09/01
 Water Use Status Date: 2019/08/15
 Water Use Status: REGISTERED

Lawfulness Authentication

Finding: LAWFUL
 Finding Date: 2019/08/13
 Finding Reason: GENERAL AUTHORISATION

Finding Confirmed: YES
 General Authorisation: Gov. Gazette 40243, Notice 538, 2 September 2016
 Legal Section: Section 21(a) of the National Water Act (Act no. 36 of 1998)
 GA Applicable From Date: 2017/03/01
 GA Applicable To Date: 2037/03/31

Water Use Details

Water Use Sector(s)(i.e. Purpose(s) of Water Use): MINING
 Source Type: DAM
 Water Resource Name: QUARRY PIT
 Point of Abstraction: Latitude 27.05213° south Longitude 27.56236° east
 Datum Type: WGS-84
 Quaternary Drainage Region: C70E

Registered Volumes

Start Date	End Date	Registered Volume (m³)	Time Interval
2019/09/01		3960	PER YEAR

Property Where Water Use Occurs

Property Name: BLOEMHOF 14 PORTION 0 PARYS
 Property Number: 14
 Portion of Property: 0
 SG Cadastral Code: F02500000000001400000
 Deeds Office: BLOEMFONTEIN
 Registration Division: PARYS
 Registration Division Province: FREE STATE
 Surveyor General Office: FREE STATE

WUN/Property Relationship Details

Relationship Start Date	Relationship End Date
1990/07/01	

National Register of Water Use Registration Record 23109645

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

Water Use Identification

Register Number: 23109645
Water Use Number: 1
Water Use Start Date: 2019/09/01
Water Use Status Date: 2019/08/15
Water Use Status: REGISTERED

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National Register of Water Use Registration Record 23109645

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: 23109645
 Water Use Number: 2
 Water Use Start Date: 2019/09/01
 Water Use Status Date: 2019/08/15
 Water Use Status: REGISTERED

Lawfulness Authentication

Finding: LAWFUL
 Finding Date: 2019/08/14
 Finding Reason: GENERAL AUTHORISATION

Finding Confirmed: YES
 General Authorisation: Gov. Gazette 36820, Notice 665, 6 September 2013
 Legal Section: Section 21(f) of the National Water Act (Act no. 36 of 1998)
 GA Applicable From Date: 2013/09/01
 GA Applicable To Date: 2020/09/30

Source Details

Waste Generating Sector: MINING - QUARRYING
 Description of Waste
 Nature of Wastewater: • Wastewater containing > 70% water by mass
 Composition of Wastewater: • Wastewater consisting of >90% organic content by mass (i.e. load)
 Description of the activity that generates the waste: WATER WILL BE USED FOR DUST SUPPRESSION

Registered Discharge Loads

Quality Variable	Start Date	End Date	Load (kg)	Time Interval	Maximum Load (kg)	Time Interval
CHEMICAL OXYGEN DEMAND	2019/09/01		40.00	PER MONTH		
CHLORIDE	2019/09/01		0.50	PER MONTH		
SOAP, OIL OR GREASE	2019/09/01		1.50	PER MONTH		

Pathways/Management Practices

Description of Waste Discharge Patterns

Total volume of waste discharged per year: 3960 CUBIC METRES
 Maximum volume of waste discharged on any day: 15 CUBIC METRES
 Monthly Discharge Expressed in: CUBIC METRES

Month	Minimum	Average	Maximum
JANUARY		11	
FEBRUARY		11	
MARCH		11	
APRIL		11	
MAY		11	
JUNE		11	
JULY		11	
AUGUST		11	
SEPTEMBER		11	
OCTOBER		11	
NOVEMBER		11	
DECEMBER		11	

National Register of Water Use Registration Record 23109645

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: 23109645
 Water Use Number: 2
 Water Use Start Date: 2019/09/01
 Water Use Status Date: 2019/08/15
 Water Use Status: REGISTERED

Receiving Environment/Receptor

Description of Nearby Water Resources

Surface Water Resource

Type of Surface Water Resource: WETLAND
 Name/Description of the Water Resource: BLOEMHOF QUARRY PIT
 Distance to Water Resource: 500 METRES

Groundwater Resource

Type of Groundwater Resource: memGWRType WINDMILL PUMP
 Name/Description of Resource: WINDMILL PUMP
 Distance to Water Resource: 400 METRES

Waste Scheme Information

Waste Scheme Name:
 Waste Scheme Management Parameter Name:
 Waste Scheme Management Parameter
 Applicable From Date:

Quaternary Drainage Region: C70E

Waste Management Facility Details

General Information

Facility Name: WATER WILL BE USED FOR DUST SUPPRESSION FROM QUARRY
 Facility Status: COMPLETE
 Operation Start Date: 2019/09/01 End Date:
 Responsible Office: FREE STATE OFFICE
 Waste Management Facility File No.:
 The Facility will be lined: NO
 Approximate Maximum Tonnage Per Day: 15 TONS
 Approximate Total Tonnage Per Annum:
 Distance from nearest borehole used for drinking water or stock watering: 50000 METRES
 Distance from the edge of the nearest downstream surface water resource: 50000 METRES
 Area of the Actual Waste Body ("Footprint" Area): 4.9 HECTARES
 Facility Classification: GMB+
 Hazard Rating: H:H
 Classification Date: 2019/09/01

Location of Facility

Seq. No.	Latitude	Longitude	Datum Type
1	27.05213° south	27.56236° east	WGS-84

National Register of Water Use Registration Record 23109645

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: 23109645
Water Use Number: 2
Water Use Start Date: 2019/09/01
Water Use Status Date: 2019/08/15
Water Use Status: REGISTERED

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:			
b) Informal Residential Area:			
c) Industrial Area:			
Buffer Zone Determination Done By:			

Waste Types

Waste Type	Other Waste Type Description	Estimated Lifetime (years)	Disposal Started on	Disposal Ceased on
OTHER WASTE	SEPTIC TANKS			
Type of Facility				
Type of Facility	Size (ha)			
OTHER WASTE WATER PONDS	15 HECTARES		2019/09/01	

Facility Details

Facility Flaw Indicators:
Disposal Methods: • TRENCHING

Climatic Water Balance

Wettest 6 months of the year:

National Register of Water Use Registration Record 23109645

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: 23109645
 Water Use Number: 2
 Water Use Start Date: 2019/09/01
 Water Use Status Date: 2019/08/15
 Water Use Status: REGISTERED

Wettest Years During the Past 30 Years

Rating	Year	Total Rainfall For 6 months	Total Evaporation for 6 months
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~~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
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Operation of Facility

Type of Operation:

Sufficient Cover Material Available On Site: NO

Covering and Burning Of Waste:

Leachate Management System Present: YES

Storm Water Management: • UPSTREAM CUT-OFF TRENCHES

National Register of Water Use Registration Record 23109645

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: 23109645
Water Use Number: 2
Water Use Start Date: 2019/09/01
Water Use Status Date: 2019/08/15
Water Use Status: REGISTERED

Property Where Water Use Occurs

Property Name: BLOEMHOF 14 PORTION 0 PARYS
Property Number: 14
Portion of Property: 0
SG Cadastral Code: F02500000000001400000
Deeds Office: BLOEMFONTEIN
Registration Division: PARYS
Registration Division Province: FREE STATE
Surveyor General Office: FREE STATE

WUN/Property Relationship Details

Relationship Start Date	Relationship End Date
1990/07/01	

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National Register of Water Use Registration Record 23109645

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 in terms of Section 21(j) of the National Water Act

Water Use Identification

Register Number: 23109645
 Water Use Number: 3
 Water Use Start Date: 2019/09/01
 Water Use Status Date: 2019/08/15
 Water Use Status: REGISTERED

Lawfulness Authentication

Finding: LAWFUL
 Finding Date: 2019/08/14
 Finding Reason: GENERAL AUTHORISATION

Finding Confirmed: YES
 General Authorisation: Gov. Gazette 36820, Notice 665, 6 September 2013
 Legal Section: Section 21(j) of the National Water Act (Act no. 36 of 1998)
 GA Applicable From Date: 2013/09/01
 GA Applicable To Date: 2020/09/30

Water Use Details

Removing Water from: **Latitude** 27.052212° south **Longitude** 27.56262° east
 Datum Type: WGS-84
 Total Volume per year: 3960 CUBIC METRES
 Maximum Volume per day: 15 CUBIC METRES
 Quaternary Drainage Region: C70E

Property Where Water Use Occurs

Property Name: BLOEMHOF 14 PORTION 0 PARYS
 Property Number: 14
 Portion of Property: 0
 SG Cadastral Code: F02500000000001400000
 Deeds Office: BLOEMFONTEIN
 Registration Division: PARYS
 Registration Division Province: FREE STATE
 Surveyor General Office: FREE STATE

WUN/Property Relationship Details

Relationship Start Date	Relationship End Date
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