

Appendix E16: Confirmation of service provision

1. Electricity

Electricity supply to the proposed development will be established via extension of existing electrical infrastructure. A new underground step-up/step-down cable will be installed from the existing Eskom line to the proposed development site, and the on-site Eskom transformer will be upgraded from 150 kV to 200 kV to meet demand. Electricity supply will likely be supplemented via generators. Eskom has confirmed sufficient capacity as provided in **Annexure A** below.

2. Water

The water required for the proposed development is available from within the existing approved water use allocations for the property. The property, which has been under cultivation for several decades, holds verified water abstraction and storage rights (refer to **Annexure B** below). A portion of the farm previously used for irrigation has been repurposed for the development of the existing poultry rearing facility. This shift in use ensures that the overall water consumption remains balanced and within the approved volumes. As such, sufficient water is available for the development without increasing total usage. The water that will sustain the new proposed chicken facility is registered under water use number 5 in water use register number 29017625, extract attached in Annexure B below. BOCMA has confirmed that a sector change will need to be undertaken for the water used within the poultry facilities. This is an administrative process that will be complied with.

3. Sewage

A conservancy tank system will be installed at the proposed development site as no wastewater treatment works is located nearby. The conservancy tank system will be serviced by the Theewaterskloof Local Municipality. Confirmation of service provision is provided in **Annexure C** below.

4. Poultry Facility Waste

Manure will be managed by directing a portion to the registered onsite composting facility. The remainder will be used directly in the agricultural industry onsite or sold to pre-determined buyers. High-pressure wash water will be used to clean the chicken houses, with any residual water lost through evaporation

Non-infectious mortalities will be disposed of via the registered onsite composting facility. The Applicant confirmed that there is sufficient composting capacity on the farm to accommodate the expected mortalities.

Annexure A – Eskom Capacity

olivia@phsconsulting.co.za

From: rossphilip@mweb.co.za
Sent: Thursday, 14 December 2023 07:37
To: olivia@phsconsulting.co.za
Cc: paul@phsconsulting.co.za
Subject: FW: Project CDC745944598, Increase of supply

Morning Olivia

In connection with the application for increased power supply needed for site 3 for Bapchix, the reply from Eskom below.

Kind regards
Ross

From: Elzette Hickman <accounts@kuross.co.za>
Sent: Friday, December 8, 2023 7:12 AM
To: 'Chad Philip' <chadfphilip@gmail.com>
Cc: rossphilip@mweb.co.za; finance@kuross.co.za
Subject: FW: Project CDC745944598, Increase of supply

From: Matthys Groenewald <GroeneMJ@eskom.co.za>
Sent: Friday, December 8, 2023 6:44 AM
To: accounts@kuross.co.za
Subject: Project CDC745944598, Increase of supply

Hello

With reference to your application for increase of supply from 150 to 200 kVa at the Grootvlei pivot point, the following.

The existing transformer and meter box is already 200kVa, therefore no work will be done in the field, but it will only be paperwork.

The required information was forwarded to our Customer Service Department, and they will issue the quotation in due course.

All further communication in this regard must be with Customer Services.

Regards

Matthys Groenewald
Technician Designing
Network Engineering and Design, Asset Creation
Cape Coastal Cluster
T +27 (0)21 840 2463 Pax 8926 2463
M + 27 (0)83 776 5108
E-mail groenemj@eskom.co.za

Disclaimer

NB: This Email and its contents are subject to the Eskom Holdings SOC Ltd EMAIL LEGAL NOTICE which can be viewed at <https://www.eskom.co.za/about-eskom/email-legal-spam-disclaimer/>

Annexure B – Extract from the Water Use Registrations for Zonderend Valley Farm (Pty) Ltd



water & sanitation

Department:
Water and Sanitation
REPUBLIC OF SOUTH AFRICA

National Register of Water Use Registration Record 29017625

Water Use Registration Record 29017625 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: ZONDEREND VALLEY FARM (PTY) LTD
Enterprise Type: PRIVATE COMPANY
Business Registration Number: 2017/524034/07
Postal Address: PO BOX 599
CALEDON
7230

VAT Registration Number:

Water Management Area

Name: BREEDE-GOURITZ

Register Status

Status: ACTIVE

Validation

Validation Status: FINALISED
Validation Status - Date Allocated: 2023/02/02 14:11:09

Verification

Verification Status: FINALISED
Verification Status - Date Allocated: 2023/02/02 14:11:09

Water Uses

See attached Annexure(s)

Water Use No.	Water Use	Volume	Volume Start Date	Volume End Date
1	21(b)	24.61 THOUSAND CUBIC METRES	2019/02/01	Brakfontein 8/123
2	21(a)	161 158 CUBIC METRES PER YEAR	2019/02/01	Brakfontein RE/123
3	21(b)	181.7 THOUSAND CUBIC METRES	2019/02/01	Brakfontein RE/123
4	21(a)	50 604 CUBIC METRES PER YEAR	2019/02/01	Grootvlei RE/225
5	21(a)	402 360 CUBIC METRES PER YEAR	2019/02/01	Grootvlei RE/225
6	21(b)	1.43 THOUSAND CUBIC METRES	2019/02/01	Grootvlei RE/225
7	21(b)	26,38 THOUSAND CUBIC METERS	2019/02/01	Grootvlei RE/225
8	21(b)	1,93 THOUSAND CUBIC METERS	2019/02/01	Grootvlei RE/225
9	21(b)	0,61 THOUSAND CUBIC METERS	2019/02/01	Grootvlei RE/225
10	21(a)	20 755 CUBIC METRES PER YEAR	2019/02/01	Grootvlei 5/225



Water Use Registration Record 29017625 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:

11	21(a)	41 525 CUBIC METRES PER YEAR	2019/02/01	Grootvlei 5/225
12	21(a)	402 360 CUBIC METRES PER YEAR	2019/02/01	Grootvlei RE/226
13	21(a)	172 440 CUBIC METRES PER YEAR	2019/02/01	Grootvlei RE/226
14	21(b)	10.37 THOUSAND CUBIC METRES	2019/02/01	Grootvlei RE/226
15	21(b)	13.47 THOUSAND CUBIC METRE	2019/02/01	Grootvlei RE/226
16	21(b)	0.66 THOUSAND CUBIC METRES	2019/02/01	Grootvlei RE/226
17	21(b)	15.12 THOUSAND CUBIC METRES	2019/02/01	Grootvlei RE/226
18	21(b)	0.69 THOUSAND CUBIC METRES	2019/02/01	Grootvlei RE/226
19	21(b)	57.27 THOUSAND CUBIC METRES	2019/02/01	Elofsdal RE/227
20	21(b)	5.43 THOUSAND CUBIC METRES	2019/02/01	Elofsdal RE/227

B. Modarres

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

02 March 2023

Date stamp of issuing office

DISCLAIMER :

DISCLAIMER :
This Registration Record:

- 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:

- 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 29017625

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

Water Use Identification

Register Number: 29017625
 Water Use Number: 4
 Water Use Start Date: 2019/02/01
 Water Use Status Date: 2023/02/22
 Water Use Status: REGISTERED

Validation

Validation Status: FINALISED
 Validation Status - Date Allocated: 2023/02/02 14:11:11

Verification

Verification Status: FINALISED
 Verification Status - Date Allocated: 2023/02/02 14:11:11

Lawfulness Authentication

Finding: LAWFUL
 Finding Date: 2015/02/09
 Finding Reason: EXISTING LAWFUL WATER USE UNDER SECTION 35(4) OF THE NWA (ACT NO 36 OF 1998)
 Finding Confirmed: YES

Succession/Transfer Details

Succession/Transfer Type: SUCCESSION IN TITLE
 Source Part2 Details: **Register No.** **WUN**
 22016667 7
 22083004 23

Water Use Details

Water Use Sector(s)(i.e. Purpose(s) of Water Use): AGRICULTURE: IRRIGATION
 Source Type: BOREHOLE
 Water Resource Name: GROUND WATER
 Point of Abstraction: **Latitude** **Longitude**
 34.170608° south 19.598596° east
 Datum Type: WGS-84
 Quaternary Drainage Region: H60G

Registered Volumes

Start Date	End Date	Registered Volume (m³)	Time Interval
2019/02/01		50604	PER YEAR

National Register of Water Use Registration Record 29017625

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

Water Use Identification

Register Number: 29017625
Water Use Number: 4
Water Use Start Date: 2019/02/01
Water Use Status Date: 2023/02/22
Water Use Status: REGISTERED

Property Where Water Use Occurs

Property Name: GROOTE VALLEY
Property Number: 225
Portion of Property: 0
SG Cadastral Code: C01300000000022500000
Deeds Office: CAPE TOWN
Registration Division: CALEDON
Registration Division Province: WESTERN CAPE
Surveyor General Office: CAPE TOWN

WUN/Property Relationship Details

Relationship Start Date	Relationship End Date
2019/02/01	

National Register of Water Use Registration Record 29017625

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

Water Use Identification

Register Number:	29017625
Water Use Number:	4
Water Use Start Date:	2019/02/01
Water Use Status Date:	2023/02/22
Water Use Status:	REGISTERED

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 - 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.

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National Register of Water Use Registration Record 29017625

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

Water Use Identification

Register Number: 29017625
 Water Use Number: 5
 Water Use Start Date: 2019/02/01
 Water Use Status Date: 2023/02/22
 Water Use Status: REGISTERED

Validation

Validation Status: FINALISED
 Validation Status - Date Allocated: 2023/02/02 14:11:11

Verification

Verification Status: FINALISED
 Verification Status - Date Allocated: 2023/02/02 14:11:11

Lawfulness Authentication

Finding: LAWFUL
 Finding Date: 2015/02/09
 Finding Reason: EXISTING LAWFUL WATER USE UNDER SECTION 35(4) OF THE NWA (ACT NO 36 OF 1998)
 Finding Confirmed: YES

Succession/Transfer Details

Succession/Transfer Type: SUCCESSION IN TITLE
 Source Part2 Details:

Register No.	WUN
22016667	8
22083004	24

Water Use Details

Water Use Sector(s)(i.e. Purpose(s) of Water Use): AGRICULTURE: IRRIGATION
 Source Type: RIVER/STREAM
 Water Resource Name: SURFACE WATER
 Point of Abstraction:

Latitude	Longitude
34.167448° south	19.613917° east

 Datum Type: WGS-84
 Quaternary Drainage Region: H60G

Registered Volumes

Start Date	End Date	Registered Volume (m³)	Time Interval
2019/02/01		402360	PER YEAR

National Register of Water Use Registration Record 29017625

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

Water Use Identification

Register Number: 29017625
Water Use Number: 5
Water Use Start Date: 2019/02/01
Water Use Status Date: 2023/02/22
Water Use Status: REGISTERED

Property Where Water Use Occurs

Property Name: GROOTE VALLEY
Property Number: 225
Portion of Property: 0
SG Cadastral Code: C01300000000022500000
Deeds Office: CAPE TOWN
Registration Division: CALEDON
Registration Division Province: WESTERN CAPE
Surveyor General Office: CAPE TOWN

WUN/Property Relationship Details

Relationship Start Date	Relationship End Date
2019/02/01	

National Register of Water Use Registration Record 29017625

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

Water Use Identification

Register Number:	29017625
Water Use Number:	5
Water Use Start Date:	2019/02/01
Water Use Status Date:	2023/02/22
Water Use Status:	REGISTERED

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Annexure C – Confirmation from Theewaterskloof on servicing of the proposed Conservancy Tank system

olivia@phsconsulting.co.za

From: Ross Philip <rossphilip@mweb.co.za>
Sent: Thursday, 25 September 2025 15:04
To: olivia@phsconsulting.co.za; paul@phsconsulting.co.za
Subject: FW: RE: CONSERVANCY TANK/ GROOTVLEI PLAAS-KRIGE PAD

Sent from my Galaxy

----- Original message -----

From: Heinrich Robertson <HeinrichRo@twk.gov.za>
Date: 2025/09/25 14:24 (GMT+02:00)
To: rossphilip@mweb.co.za, Haidee Sauls <haideesa@twk.gov.za>
Subject: RE: CONSERVANCY TANK/ GROOTVLEI PLAAS-KRIGE PAD

Goeie middag

Ons sal u kan diens op grootvlei dit is word behandel soos enige ander plaas in die omgewing.

Groete

Heinrich

From: rossphilip@mweb.co.za <rossphilip@mweb.co.za>
Sent: Tuesday, September 23, 2025 2:28 PM
To: Haidee Sauls <haideesa@twk.gov.za>; Heinrich Robertson <HeinrichRo@twk.gov.za>
Subject: RE: CONSERVANCY TANK/ GROOTVLEI PLAAS-KRIGE PAD

You don't often get email from rossphilip@mweb.co.za. [Learn why this is important](#)

Middag Haidee

Dit is doodreg. Ek moet net n bewys vanaf TWK Munisipaliteit kry, dat hulle wel kapasiteit het om dit te kan diens, voordat ek voort gaan met die insit daarvan.

Groete

Ross

From: Haidee Sauls <haideesa@twk.gov.za>
Sent: 23 September 2025 14:12
To: Heinrich Robertson <HeinrichRo@twk.gov.za>; rossphilip@mweb.co.za
Subject: RE: CONSERVANCY TANK/ GROOTVLEI PLAAS-KRIGE PAD

083 273 8376 (Ross Philip) sell nommer.

From: Haidee Sauls
Sent: Tuesday, September 23, 2025 2:17 PM
To: Heinrich Robertson <HeinrichRo@twk.gov.za>; 'rossphilip@mweb.co.za' <rossphilip@mweb.co.za>
Subject: CONSERVANCY TANK/ GROOTVLEI PLAAS-KRIGE PAD

Goeie middag Heinrich

Mnr Philip het my vanoggend gebel, hulle wil 'n conservancy tenk op die plaas aanbring en het 'n brief/ skrywe vanaf ons nodig wat bevestig dat ons wel die capacity het om die tenk te kan diens.

[@rossphilip@mweb.co.za](mailto:rossphilip@mweb.co.za)- Ek hoop ek het my storie agtermekaar, indien nie kan Mnr net gou weer verduidelik asb.

Sal jy asb met Mnr in verbinding tree rakende bogenoemde versoek.

Groete

Haidee Sauls

Principal Clerk: Financial Operations

Directorate: Financial Services

THEEWATERSKLOOF MUNICIPALITY

Greyton Town Office. 16 DS Botha Street Greyton 7233

Call Centre. 028 214 3300 | **Emergency.** 080 021 4730 | **Email.** haideesa@twk.gov.za

Website. www.twk.gov.za | **Follow us on Facebook, X, Instagram.** @twkmun

