DEPARTMENT OF WATER AFFAIRS AND FORESTRY

REGISTRATION CERTIFICATE


This Registration Certificate is issued to :-

MR JDW DEETLEFT
6308275013085
P.O. BOX 36
RAWSONVILLE
6845

To use water on the following property :-

GROOTEILAND

T71327/1992

Water Management Area :-

BREede

For the water use(s) of :-

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

(See attached Annexure)

Date 2003/12/16

Western Cape Region

Regional Director

Date stamp of issuing office

DISCLAIMER :
This certificate is :-
1. not an acknowledgement of an entitlement to the registered water use;
2. issued without alterations or erasures and is invalid if it contains alterations not in conformity with the Department's official copy; and
3. in substitution of any registration certificate that may have been previously issued by the Department and the information is valid as at the date of issue.
Taking water from a water resource in terms of Section 21(a) of the National Water Act

Sector: AGRICULTURE: IRRIGATION

Water resource: GROUNDWATER (BOREHOLE 1)

Source: BOREHOLE

Total volume taken per year is 115200.00 cubic metres (effective from 2003-03-01)

Water use start date: 2003-03-01  Water Use No.: 1

Comment:

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

Sector: AGRICULTURE: IRRIGATION
Water resource: GROUNDWATER (BORHOLE 2)

Source: BOREHOLE

Total volume taken per year is 103680.00 cubic metres (effective from 2003-03-01)
Water use start date: 2003-03-01  Water Use No.: 2

Comment:

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DEPARTMENT OF WATER AFFAIRS AND FORESTRY

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

Sector: INDUSTRY(NON-URBAN)
Water resource: GROUNDWATER (BOREHOLE 3)

Source: BOREHOLE
Total volume taken per year is 103680.00 cubic metres (effective from 2003-03-01)
Water use start date: 2003-03-01 Water Use No.: 3
Comment:

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DEPARTMENT OF WATER AFFAIRS AND FORESTRY

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

Sector: AGRICULTURE: IRRIGATION
Water resource: GROUNDWATER (BOREHOLE 4)

Source: BOREHOLE
Total volume taken per year is 115200.00 cubic metres (effective from 2003-03-01)
Water use start date: 2003-03-01
Water Use No.: 4

Comment:

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DEPARTMENT OF WATER AFFAIRS AND FORESTRY

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

Sector: AGRICULTURE: IRRIGATION
Water resource: GROUNDWATER (BOREHOLE 5)

Source: BOREHOLE
Total volume taken per year is 115200.00 cubic metres (effective from 2003-03-01)
Water use start date: 2003-03-01 Water Use No.: 5
Comment:

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

**Sector:** AGRICULTURE: IRRIGATION

**Water resource:** GROUNDWATER (BOREHOLE 6)

**Source:** BOREHOLE

**Total volume taken per year is 115200.00 cubic metres (effective from 2003-03-01)**

**Water use start date:** 2003-03-01

**Water Use No.:** 6

**Comment:**

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DEPARTMENT OF WATER AFFAIRS AND FORESTRY

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

Sector: AGRICULTURE: IRRIGATION
Water resource: SMALBLAAR RIVER

Source: RIVER/STREAM
Total volume taken per year is 259200.00 cubic metres (effective from 2003-03-01)
Water use start date: 2003-03-01 Water Use No.: 8

Comment:

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Storing water in terms of Section 21(b) of the National Water Act

Storing water not containing waste

Total volume: 1000.00 cubic metres in 1 dams (effective from 1998-10-01)

Water course(s): BREEDE RIVER

Water use start date: 1998-10-01

Comment:

Water Use No.: 7
Dear Mr Griessel

ENQUIRY: SCHEDULED WATER USE RIGHT UNDER THE GROOT EIiland KLIPDRIFT IRRIGATION BOARD

With reference to an earlier telephonic enquiry concerning the abovementioned, herewith the following.

The abovementioned irrigation board does not have a fixed quota reason being that the board has always functioned on a water turn principle.

According to a schedule of rateable areas of the Groot Eiland Klipdrift Irrigation Board (for the time period 1998-2000), the board is scheduled for 432 ha and a total estimated volume of 2.808 million cubic metres. Therefore, the estimated non crop requirement quota would be 6500 m³/ha/a.

The following is a rough calculation, calculated at a 70 percent level of assurance (91 % of total calculated volume). A level of assurance gives an indication of the volume of water likely to be available in times of below average rainfall occurrences.

The calculation will be as follows:

$$31.1 \times 6500 \text{ m}^3/\text{ha/a} \times 0.91 = 183\,956, \, 50 \text{ m}^3/\text{a}$$

The abovementioned figure is only an estimation done according to an earlier schedule of rateable areas. The department is however still awaiting a finalised quota from the irrigation board, once they have formally introduced measuring devices to confirm their bulk usage.

If there are any further questions in this regard, please do not hesitate to contact Sue-Anne Verhoog at this office at the above contact numbers.

Kind Regards

Sue-Anne