

APPENDIX G: SUPPORTING DOCUMENTATION

1. Water Use Licence



water & sanitation

Department:
Water and Sanitation
REPUBLIC OF SOUTH AFRICA

Private Bag X313, Pretoria, 0001, Sedibeng Building, 185 Francis Baard Street, Pretoria,
Tel: (012) 336 7500 Fax (012) 323-4472 / (012) 326 - 2715

LICENCE IN TERMS OF CHAPTER 4 OF THE NATIONAL WATER ACT, 1998 (ACT NO. 36 OF 1998) (THE ACT)

I, **Sifiso Mkhize**, in my capacity as Director-General (Acting) in the Department of Water and Sanitation acting under authority of the powers delegated to me by the Minister of Water and Sanitation, hereby authorise the following water use in respect of this licence.

SIGNED: .....

DATE: 24/10/2016.....

LICENCE NO: 17/N40D/A/4875
FILE NO: 27/2/1/N440/2

1. **Licensee:** **Scheepersvlakte Farms (Pty) LTD**
Postal Address P.O. Box 72
KIRKWOOD
6120
2. **Water Use**
 - 2.1 Section 21(a) of the Act: Taking of water from a water resource, subject to the conditions set out in Appendices I and II.
3. **Property in respect of which the water use will be issued**
 - 3.1 Portion 7 of Scheepersvlakte 68, Uitenhage District.
4. **Registered owner of the Property**
 - 4.1 Equistock Properties 7 (Pty) LTD
5. **Licence and Review Period**
 - 5.1 This licence is valid for a period of twenty (20) years from the date of issuance and may be reviewed at intervals of not more than five (5) years.

B 07115

6. Definitions

Any terms, words and expressions as defined in the National Water Act, 1998 (Act 36 of 1998) shall bear the same meaning when used in this licence.

"The Provincial Head" means the Head of Provincial Operations: Eastern Cape Provincial Operations, Department of Water and Sanitation, P.O Box 7019, East London, 5200".

7. Description of the activities

The water use licence authorises the maximum taking of 5 850 000m³ of water per annum from Sundays River GWS as diverted at Korhaansdrift Weir. The abstraction point will be located at 33° 27' 27.3" S, 25° 37' 34.3" E within N40E quaternary catchment on the Remainder of Portion 7 of Scheepersvlakte 98, Division of Uitenhage, Sundays River Valley Municipality.



APPENDIX I

General conditions for the licence

1. This licence is subject to all applicable provisions of the National Water Act, 1998 (Act 36 of 1998).
2. The responsibility for complying with the provisions of the licence is vested in the Licensee and not any other person or body.
3. The Licensee must immediately inform the Regional Head of any change of name, address, premises and/or legal status.
4. If the property in respect of which this licence is issued is subdivided or consolidated, the Licensee must provide full details of all changes in respect of the properties to the Regional Head of the Department within 60 days of the said change taking place.
5. If a water user association is established in the area to manage the resource, membership of the Licensee to this association is compulsory.
6. The Licensee shall be responsible for any water use charges or levies imposed by a Responsible Authority.
7. While effect must be given to the Reserve as determined in terms of the Act, where a desktop determination of the Reserve has been used in issuance of a licence, when a comprehensive determination of the Reserve has finally been made, it shall be given effect to.
8. The licence and amendment of this licence are also subject to all the applicable procedural requirements and other applicable provisions of the Act, as amended from time to time.
9. The Licensee shall conduct an annual internal audit on compliance with the conditions of licence. A report on the audit shall be submitted to the Regional Head within one month of the finalisation of the audit.
10. The Licensee shall appoint an independent external auditor to conduct an annual audit on compliance with the conditions of this licence. The first audit must be conducted within 3 (three) months of the date this licence and a report on the audit shall be submitted to the Regional Head within one month of finalisation of the report.
11. Flow metering, recording and integrating devices shall be maintained in a sound state of repair and calibrated by a competent person at intervals of not more than two years. Calibration certificates shall be available for inspection by the Regional Head or his representative upon request.
12. Any incident that causes or may cause water pollution shall be reported to the Regional Head or his/her designated representative within 24 hours.
13. The licence shall not be construed as exempting the Licensee from compliance with the provisions of any other applicable Act, Ordinance, Regulation or By-law.

APPENDIX II

Section 21(a): Taking water from a water resource

1. This licence authorises the abstraction of a maximum quantity of 5 850 000m³/a (five million eight hundred and fifty thousand cubic metres per annum) of water from Sundays River GWS as diverted at Korhaansdrift Weir. The abstraction point will be located at 33° 27' 27.3" S, 25° 37' 34.3" E within N40D quaternary catchment on the Remainder of Portion 7 of Scheepersvlakte 98, Division of Uitenhage, Sundays River Valley Municipality.
2. The quantity of water authorised to be taken in terms of this licence may not be exceeded.
3. This licence does not imply any guarantee that the said quantity and quality of water will be available at present or at any time in the future.
4. The Licensee shall continually investigate new and emerging technologies and put into practice water efficient devices or apply technique for the re-use of water containing waste, in an endeavour to conserve water at all times.
5. The Licensee shall install and monitor appropriate water measuring devices to measure the amount of water abstracted, received and/or consumed, as applicable to the infrastructure. The Licensee shall ensure that all measuring devices are properly maintained and in good working order and must be easily accessible. This shall include a programme of checking, calibration, and/ or renewal of measuring devices
6. No water taken may be pumped, stored, diverted, or alienated for purposes other than intended in this licence, without written approval by the Minister or his/her delegated person
7. All water taken from the resource shall be measured as follows:
 - 7.1 The daily quantity of water taken must be metered or gauged and the total recorded at the last day of each month; and
 - 7.2 The Licensee shall keep record of all water measurements taken and a copy of the records shall be forwarded to the Regional Head on or before 25 January and 25 July of each year.
8. Notices written in all official languages prohibiting unauthorised persons from entering the certain areas, as well as internationally acceptable signs indicating the risks involved in case of an unauthorised entry must be displayed along the boundary fence of these areas.
9. The Department accepts no liability for any damage, loss or inconvenience, of whatever nature, suffered as a result of:
 - 9.1 shortage of water;
 - 9.2 inundations or flood;
 - 9.3 siltation of the resource; and
 - 9.4 required reserve releases.



10. The Licensee shall establish a programme of formal Information Management System, which maintains a database on water supply, distribution and delivery infrastructure.
11. The Licensee shall report on an annual basis in a format approved by the Responsible Authority
 - 11.1 Details of crops
 - 11.2 Irrigation system types
12. The record mentioned in Clause 9 shall be submitted to the Regional Head annually.
13. The Licensee shall establish and implement a continual process of raising awareness amongst itself, its workers and stakeholders with respect to Water Conservation and Water Demand Management initiatives.
14. The Licensee must comply with the motivation for contributing to the need to redress the results of past racial and gender discrimination, including the equitable access to the water resources and the benefits derived from the use of such resources as contained in the "Shareholder Agreement" dated 14 October 2014. A report to this regard must be submitted annually to the Provincial Head, for the full duration of this licence.
15. The shareholding of Ukukhanya Business Trust, in Scheepersvlakte Farms (Pty) LTD shall be maintained at 26% or more of the total shares at all times.
16. No limitations or ceiling may be placed on the percentage shareholding that Ukukhanya Business Trust may obtain in Scheepersvlakte Farms (Pty) LTD.
17. The shareholders of Ukukhanya Business Trust shall comprise of historically disadvantaged individuals for the duration of this licence.
18. Any change in the shareholders agreement of Scheepersvlakte Farms submitted with this water use licence application, which may reduce the shares for Ukukhanya Business Trust will result in the withdrawal of this licence by this Department.
19. The Licensee must on annual basis submit the audited financial statements and reports to the Provincial Head. These reports must clearly indicate how the benefits, specifically shareholding, management control, economic and skills development accrue to the historically disadvantaged individuals or Ukukhanya Business Trust.
20. In the event Scheepersvlakte Farms (Pty) LTD is disposed to another legal entity, the successor must maintain the same or higher shareholding apportioned to the historically disadvantaged individuals.
21. The water use authorised by this licence must only be exercised by Scheepersvlakte Farms (Pty) LTD on the property stipulated in this licence and may not be transferred or leased temporarily or permanently without prior approval of the Responsible Authority.
22. In the event Scheepersvlakte Farms (Pty) LTD is abolished or cease to exist, the validity of this water use licence shall be deemed terminated or withdrawn with immediate effect as of the date the company is abolished or cease to exist.



23. If the property in respect of which this licence is issued is subdivided and is subject to change in ownership, the licence may not form part of such an agreement without prior approval from the Minister of this Department or any person delegated by him/her.

[END OF LICENCE]



2. Guidelines for the Safe Storage of Chemicals

The purpose of this guideline is to assist personnel to store chemicals in a manner that is safe.

Storage procedures

When keeping chemicals in storage, the following precautions should be observed:

- Ensure chemical containers and their seals or stoppers are appropriate for the type and quantity of chemical stored. As far as is practicable, chemicals should be stored in the containers in which they are supplied.
- Containers that have held hazardous chemicals shall be treated as full, unless the receptacle or package has been rendered free from hazardous chemicals.
- All packages in storage shall be labeled to allow unmistakable identification of the contents.
- Storage of chemicals, including wastes shall be based on the properties and mutual reactivity's of the chemicals. Incompatible chemicals shall be kept segregated from one another, e.g. by fire isolation in a chemical storage cabinet or segregation in space. A separate spill catchment shall be provided for each incompatible liquid.
- Opening of packages, transferring of contents, dispensing of chemicals or sampling shall not be conducted in or on top of a cabinet or a cupboard for storing chemicals unless it is specifically designed for this purpose and appropriate procedures and equipment are used.
- Packages shall be inspected regularly to ensure their integrity. Leaking or damaged packages shall be removed to a safe area for repacking or disposal. Labels shall be reattached or replaced, as necessary, to clearly identify the contents of the package.
- Where flammable vapours or combustible dusts may be present as part of normal or abnormal operations, the relevant requirements concerning avoidance of ignition sources shall be complied with in situations other than those where the ignition source is controlled and is necessary for experimental purposes, such as the use of a Bunsen burner. Electrical equipment shall comply with appropriate standards.
- Procedures shall be established to deal with clean up and safe disposal of spillages. Supplies and materials needed to control the spillages shall be readily accessible.
- Substances, which are unstable at ambient temperature, shall be kept in a controlled temperature environment set to maintain an appropriate temperature range. Reliable alternative safety measures shall be provided for situations when utilities, such as power, fail. Substances that can present additional hazards on heating shall be clearly identified.
- Sunlight can affect some plastic containers or the chemical contents. Containers or chemicals that can be affected shall not be stored in a laboratory where they can be exposed to direct sunlight.
- Regularly review the chemicals held in storage and correctly dispose of those no longer required.
- Chemicals must be stored compatibly with one another. Refer to Annexure B for guideline.
- Tanks holding more than 500L of LPG or 450L of other classes of stated dangerous goods and combustible liquids must display a clearly visible information placard.

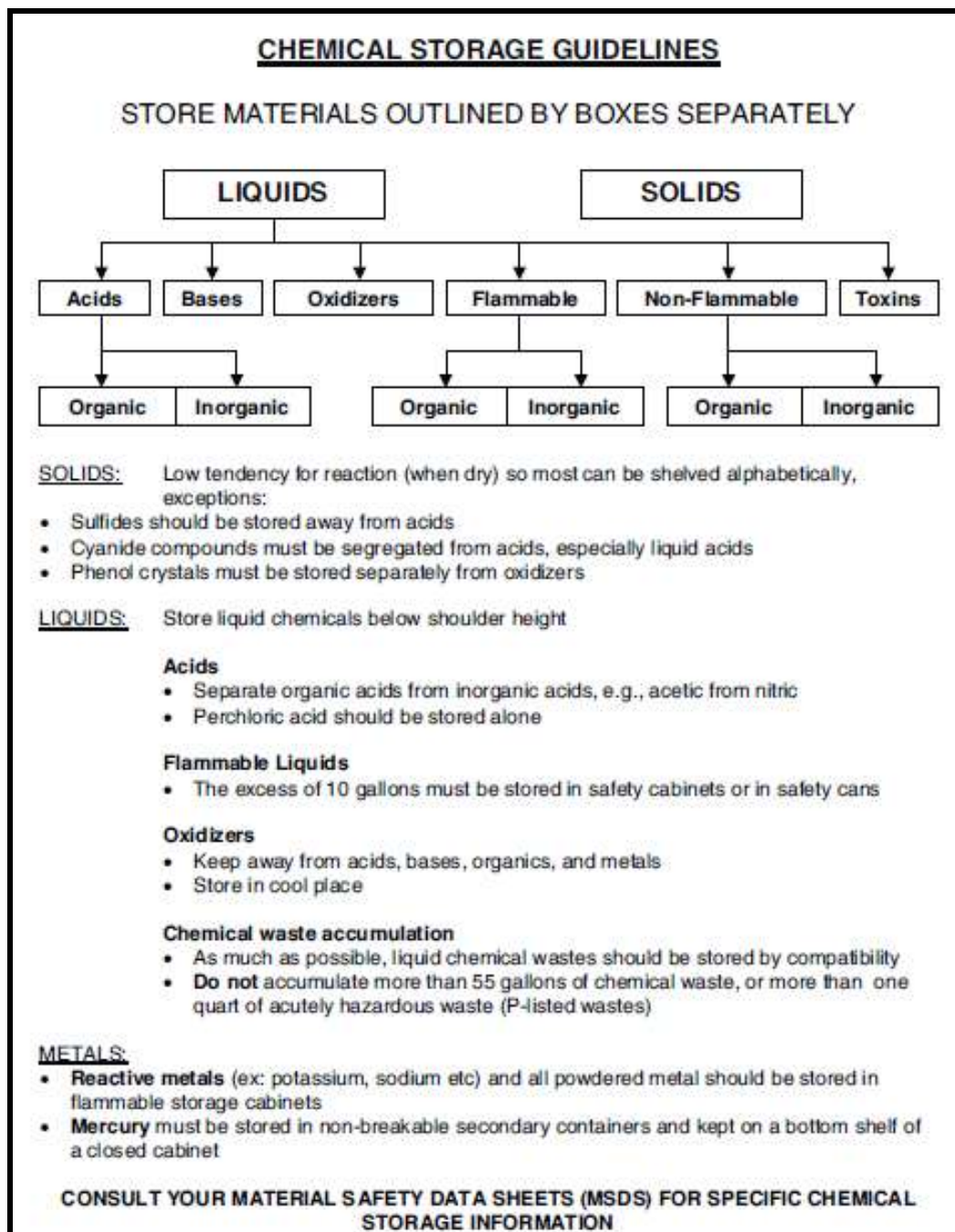
To avoid the possibility of an explosion or the emission of toxic flammable or corrosive gases:

- Store two incompatible goods at least 3m apart.
- Where the goods could react violently, store them at least 5m apart.
- Consider storing some goods (especially highly pyrophoric or unstable goods e.g. Class 4.2 or 5.2) in separate fire rated enclosures or separate buildings with appropriate fire suppression equipment.

Separate enclosures or buildings may also be required for those goods with special fire suppression requirements (e.g. Class 4.3 goods react adversely with water).

Chemicals kept on shelves or racks shall be subject to the following restrictions:

- Shelving and its fixtures shall be compatible with the goods stored, or shall be suitably protected from the goods (NOTE: the use of particleboard is not recommended as they may fail when subjected to moisture or chemicals)
- The maximum holding capacity of the shelving systems shall not be exceeded
- Shelves used for chemical storage shall be restrained against lateral movement and shall have lips on them to prevent containers being pushed through to the other side.



3. Letter from Irrigation Specialist Indicating Proposed Precautionary Measures to Reduce Overflow

CFT Sundays River Valley

The Mount Farm, Reitz Avenue, Hermitage, Addo, 6105
P O Box 326, ADDO, 6105 Tel: 042-0070306 Cell: 082 327 2099

03 December 2018

Environmental Assessment Practitioner
120 Diaz Road
Adcockvale
PORT ELIZABETH
6001

Dear Marisa

Herewith the Precaution measures for Scheepersvlakte Dam:

- We will line the dam with clay to 200mm (not 150mm as normal spec)
- We will increase the freeboard a bit to heighten the overflow to accommodate an even smaller chance of overflow.
- The overflow will link in with existing Scheepers overflow.
- We will put in the appropriate telemetry to monitor the dam levels with warnings when reaching certain height to manage the 1:100 events better.

Regards

Louis Grobler

4. Eskom Confirmation of Supply

From: Rory Niven <rfniven@imagnet.co.za>
Sent: Thursday, 14 March 2019 4:33 PM
To: Sandra Wren
Cc: Marisa Jacoby
Subject: FW: Eskom capacity Scheepersvlakte Farm - EIA application purposes

From: Andre Mostert <MosterA@eskom.co.za>
Sent: Wednesday, March 13, 2019 4:28 PM
To: Rory Niven <rfniven@imagnet.co.za>
Subject: RE: Eskom capacity Scheepersvlakte Farm - EIA application purposes

Hi Rory

I got confirmation from our Planning department saying that we can currently supply you with 900kVA from our Nooitgedacht Skilpad 1 22kV line where you want to do your citrus development. This spare capacity is however on a first come first serve basis. If we run out of capacity and we need to strengthen the network, then you will be liable for a portion of the cost thereof.

Thank you

From: Rory Niven [<mailto:rfniven@imagnet.co.za>]
Sent: 19 February 2019 02:24 PM
To: Andre Mostert
Subject: Eskom capacity Scheepersvlakte Farm - EIA application purposes

Hi Mossie

Attached is a Google earth map pf the farm. Its in the Coerney valley region of Sundays River .

Normal packhouse
Some cold storage
510ha citrus orchards under drip irrigation
3 houses and a workshop (farm normal)

My guess minimum 750Kva

Many thanks

rory