

agriculture and rural development

Department: Agriculture and Rural Development
GAUTENG PROVINCE

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FAX COVER SHEET

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Date:		Pages:	03 pages includes fax cover
Re:	COMMENTS ON THE DRAFT SCOPING REPORT FOR THE PROPOSED EXTENSION OF THE ASH DISPOSAL FACILITY AT KUSILE POWER STATION BETWEEN BRONKHORSTSPRUIT AND EMALAHLENI IN MPUMALANGA		

Cc: GDARD-HOD

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GDARD General Waste Management

Att: Ms. L. Vilakazi

Tel: (011) 355 1354

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GDARD Compliance Monitoring

Att: Ms. C. Petlane

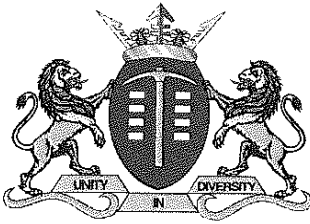
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GAUTENG PROVINCE

AGRICULTURE AND RURAL DEVELOPMENT
REPUBLIC OF SOUTH AFRICA

Our reference:	004/11-12/0054
Your reference:	12/12/20/2412
Enquiries:	Ms. Salphina Bilankulu
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Department of Environmental Affairs

Private Bag X447

Pretoria

0001

Attention: Mr. Mpho Tshitangoni

Tel: (012) 310 3380

Fax: (012) 310 3753

Dear Sir

COMMENTS ON THE DRAFT SCOPING REPORT FOR THE PROPOSED EXTENSION OF THE ASH DISPOSAL FACILITY AT KUSILE POWER STATION BETWEEN BRONKHORSTSPRUIT AND EMALAHLENI IN PUMALANGA

The above mentioned report dated 23 January 2012 has reference.

The Department has reviewed the above-mentioned application and has made the following recommendations:

Response

1. The draft Scoping report has addressed all the processes to be followed when conducting the Environmental Impact Assessment process.
2. All issues raised by Interested and Affected parties must be addressed in the Environmental Impact Assessment report.
3. Mitigation measures of all environmental and socio-economic negative impacts identified during the assessment must be addressed in the EMPr.

Should you have any queries regarding these comments, please do not hesitate to contact Ms. Salphina Bilankulu on the abovementioned contact details.

Yours faithfully

A handwritten signature in black ink, appearing to read 'P. Ncube'.

Mr. P. Ncube

Chief Director: Sustainable use of Environment

Date 18/04/2012

Cc GDARD-HOD

Att: Ms. S. Sekgobela
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History - Personal

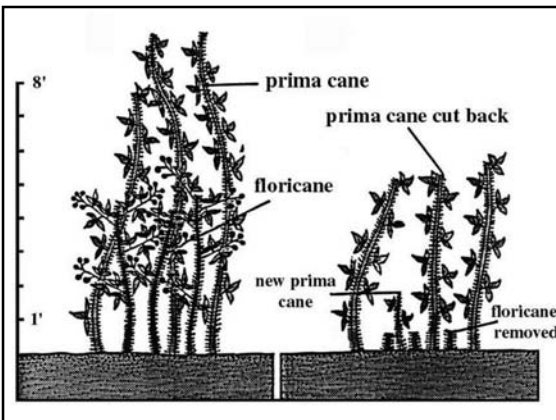
- Grew up in KZN-Makatini Flats
- Moved to JHB age 13
- SANDF
- UP
 - BSc Agric (Food Science),Bing (Mech), Bing(Hons) Factory Design, MIng (Technology and Project Management)
- Married 2001 at age 31
- 4 Kids – Liela(7), Duard(6), Nieke(3), Tarmi(2)



History-Farming

- Started farming in 2006
- Specialize in niche and unknown fruit
- Started with nothing
- Sold house in PTA and started farm
- Own Capital, No shareholding
- Main focus drivers
 - Work Creation (2011 season – 112 jobs)
 - Organic Production
 - Cultivar, Cultivar, Cultivar
 - Professionalism





Biological Methods

- Moved away from:
 - Tillage
 - Fertilizers, herbicides, pesticides
 - Any other chemicals
- Promotes:
 - Embracing the ecosystem and let it be
 - Soil life
 - Compost
 - Forest effect
 - Removal of Exotic/Alien Vegetation

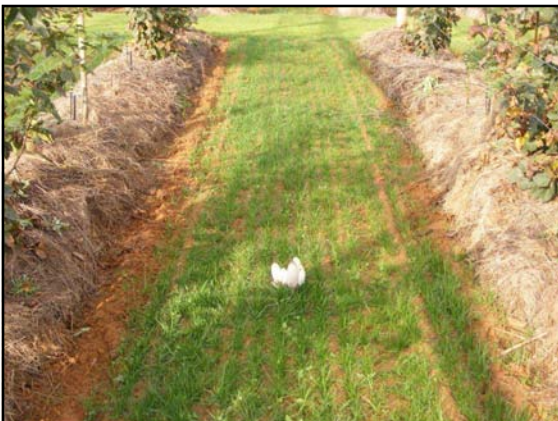
Methods

- Dig trench every 2.5m – 1.2m deep
- Fill with organic matter 50cm deep
- Fill with soil and level orchard
- Open up a furrow and add compost
- Close the furrow into a ridge
- Install irrigation, trellising and net system
- Plant and cover ridge with dry erogrostis grass
- Sow Fescue between rows









Harvesting

- Every day at 06h00
- Wash hands on entering orchard
- Harvest into punnet directly
- Traceability by row and barcode
- Sanitize hands after every 10 punnets
- Harvesting and QC supervisor in Orchard
- Pack full crates on trailer in shade
- Trailer to packhouse every 30 min
- Individual trailer by customer





Packhouse

- Deliver to packhouse by closed trailer
- Off load crates onto dollies
- Blast Cool to 0°C in 60 minutes
- Weigh to correct weight with conveyor system
- Label, date code and crate packing
- Move to dispatch fridge
- Load truck at 04h00 the next morning
- Start harvesting at 06h00
- Whole operation on 350KVA backup generator





Cultivar

- Realized cultivar is the beginning or the end
- Identified the best "Fresh" cultivars in the world
- Focus Points:
 - Flavour, Size, Shelf life, Exclusivity
- Bought Plant Breeders rights from:
 - USA (Plant Science, UOA)
 - UK (SRCI)
 - NZ (Hortresearch)
 - Turkey (USE)

Cultivar

- **Blackberry Cultivars**
 - Natchez, Arapaho, Quachita, Navaho, Apache, Waldo, Chester, Triple Crown, Loch Maree, Helen, Silvan, Karaka Black, Tupi, Obsidian, Loch Ness, Loch Tay, Chester, HJ5, HJ12, HJ7
- **Kiwiberry**
 - Anna, Geneva, Meander, Ken Red
- **Honeyberry**
 - 9-15, 9-91, Tundra, Borealis
- **Sour Cherry**
 - Carmine Jewel, Romeo, Juliet, Cupid, Valentine
- **Saskatoon**
 - Martin, Smokey, Thiessen, JB30, Honeywood
- **Mulberry**
 - Shatoot, Pakistan
- **Raspberry**
 - Sweety







Accreditations

- Globalgap
- PNP Hygiene and Packhouse
- WW Hygiene, Ethical, Farming for the Future
- BCS Organic
- Marks & Spencer Field to Fork
- SEDEX
- Tesco Natures Choice
- Freshmark Farming and Packhouse

Products

- Blackberries
 - Biggest producer in the country
 - PnP, WW, Shoprite, Spar, M&S, Tesco, Bakkavor
- Blueberries
 - Coromandel and Eurofruit to WW, PnP, Spar, Shoprite, Bakkavor
- Kiwi
 - TKO Marketing to Shoprite, PnP, WW, Bakkavor, Fresh to go
 - Import (Italian/NZ) supply to PnP, WW, Bakkavor, Fresh to go
- Pomegranates
 - Local season supply to WW and Bakkavor
 - Import season supply to WW and PnP

Future Plans

- Finish new packing facility by next season
- 5 month Blackberry season
- Plant 20Ha Hayward Kiwi from TKO
- Expand Kiwiberry, Mulberry, Honeyberry, Sour Cherry and Saskatoon
- Raised bed strawberry trails
- Frozen Fruit value adding
- Remove all alien vegetation
- Plant 2000 indigenous trees every 2 years



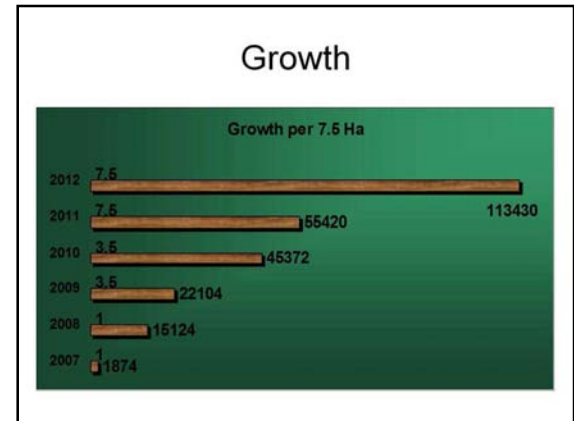






Priorities

- Job Creation – 2015 – 400 jobs per season
- Multi retailer supply strategy
- If short – supply and short proportionally
- Exclusivity possible but volume driven
- Supply exclusive on chosen varieties until oversupply situation
- Pack 1 grade of fruit to all
- Second grade - frozen



So, what can go wrong after all!!

- Contingency planning a survival tool!
- Flash Flood 2006
 - Installed a system of water ways
- Black Frost and Hail 2010
 - Interplant 1/2 of Arapaho with Quachita
 - Adapt hail netting system to open more frequently
- Fire 2010
 - Practice fire drill and fire breaks
 - SOP for fire overhead sprinkler system





Future Eskom Plans

- Not in our hands
- We started the impossible
- We managed to control nature to the best of our abilities
- Organic production or any production of fruit would not be possible any more
- 400 jobs lost by 2015

Thank You