

APPENDIX C – PUBLIC PARTICIPATION REPORT

DENC Ref.: NC/EIA/13/PIX/SIY/DOU3/2017

05 July 2018

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Reg no.: 2017/232414/07



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1. INTRODUCTION

The Public Participation Process (PPP) for this Scoping Report was undertaken in accordance with Regulation 41 of the EIA regulations, 2014 (as amended in 2017), and the public and relevant authorities and stakeholders were notified on the proposed project.

2. PHASE 1: THIRTY (30) DAY PUBLIC PARTICIPATION PROCESS ON SCOPING REPORT

2.1 SITE NOTICES

The site notices were placed in areas easily noticeable to the public on **29 November 2017**. A total of two (2) site notices were placed on the boundaries of the site. Please find attached appendix E1 proof of placement with coordinates of the locations. The on-site notices included a 30 day interested and affected party (I&AP) registration and commenting period.

See Proof of Placement of the notices in **Appendix E1**.

2.2 NEWSPAPER ADVERTISEMENTS

Advertisements were placed in one local newspaper, the Northern Cape Express, on **29 November 2017** to notify the public of the Scoping Process of the Idstone pivots farming application and to provide an opportunity to register on the I&AP database and raise their comments on the proposed project.

See **Appendix E1** for proof of advertisement placed in the Northern Cape Express.

2.3 NOTIFICATION OF STAKEHOLDERS AND I&APs

Stakeholders and I&APs were directly informed on the proposed project via e-mail and they were requested to submit their comments to the Environmental Assessment Practitioner.

Interested & Affected Party Comment Forms were disseminated to all properties adjacent to the proposed development.

See **Appendix E2** for proof of notification.

2.4 NOTIFICATION OF GOVERNMENTAL AND OTHER AUTHORITIES

A number of Authorities and Organs of State were directly informed on the proposed project via e-mail and they were requested to submit their comments to the Environmental Assessment Practitioner.

All the correspondence with Governmental and other Authorities is added in **Appendix E4**.

2.5 COMMENTS AND RESPONSE DURING THE PUBLIC ANNOUNCEMENT OF THE PROJECT

The EIA Regulations, 2014 specify that I&APs must have an opportunity to verify that their issues have been captured, through the inclusion of a Comments and Response Report (CRR) in the Final Scoping Report.

The comments and response report can be found in **Appendix E3**.

2.6 PLACEMENT OF INTERNET / WEBSITE COPY

The Scoping Report was made available on the Eco-Con Environmental website: **www.eco-con.co.za**. Key Stakeholders and I&APs were informed of the placement of the Scoping Report.

3. PHASE 2: THIRTY (30) DAY PUBLIC PARTICIPATION PROCESS ON IMPACT ASSESSMENT REPORT

3.1 NOTIFICATION OF STAKEHOLDERS AND I&APs

Stakeholders and I&APs were directly informed on the proposed project via e-mail and they were requested to submit their comments to the Environmental Assessment Practitioner on the Impact Assessment Report.

Interested & Affected Parties, landowners and adjacent landowners / occupiers of the land were also invited to comment on the impact assessment report.

See **Appendix E2** for proof of notification. (To be inserted once the 30 day PPP in the IAR is complete)

3.2 NOTIFICATION OF GOVERNMENTAL AND OTHER AUTHORITIES

A number of Authorities and Organs of State were directly informed on the proposed project via e-mail and they were requested to submit their comments to the Environmental Assessment Practitioner on the impact assessment report.

All the correspondence with Governmental and other Authorities is added in **Appendix E4**. (To be inserted once the 30 day PPP in the IAR is complete)

3.3 PLACEMENT OF INTERNET / WEBSITE COPY

The Impact Assessment Report was made available on the Eco-Con Environmental website: **www.eco-con.co.za**. Key Stakeholders and I&APs were informed of the placement of the Impact Assessment Report.

4. PHASE 3: INCORPORATION OF COMMENTS AND FEEDBACK TO ALL STAKEHOLDER, I&AP'S AND ORGANS OF STATE

After the thirty (30) day public participation period on the scoping report, and the 30 day public participation period on the Impact Assessment report, all comments, feedback and / or questions and concerns were captured in the comments and response report which is attached to **Appendix E3**. The EAP provided feedback to all the comments,

feedback and / or questions and concerns received and addressed al issued in the Final Scoping report and the Impact Assessment Report before submitting to DENC.

5. CONCLUSION

It is concluded that the level of advertising, notification, and the mechanism incorporated in the public participation process, to inform the surrounding land users, I&APs and identified government authorities, were adequate.

6. APPENDICES

Appendix E1: Proof of placement: Advertisements and Site Notices

Appendix E2: Proof of notification to stakeholders

Appendix E3: Comments and Response Report

Appendix E4: Proof of written notification to Governmental and other Authorities.

Appendix E5: List of Registered Interested and Affected Parties

Appendix E1 Proof of Placement: Adverts and Site Notices

Advert placed in the Northern Cape Express on 29 November 2017

EXPRESS NORTHERN CAPE, WEDNESDAY 29 NOVEMBER 2017 7

NEWS



Nozipho Phiri, referred to as South Africa's Tasha Cobbe, mesmerised the audience with her song *Mayenzeke Intando yakho*. Photo: Boipelo Mera

Kim Fest gets NC buzzing

Boipelo Mera
boipelo.mera@volkblad.com

The Mitah Seperepere Convention Centre came alive as gospel lovers filled it to capacity for the 2017 Kim Fest on Saturday, 18 November.

Locals, including patrons from neighbouring countries, attended the festival to witness the award-winning Joyous Celebration performing.

The Diamond City's own Mkhululi Jacobs from De Aar and Kimberley-based Karen van Staden also performed.

According to the organiser of the

show, Zikie Molusi, the festival has been growing in leaps and bounds as it boosts domestic tourism.

He added that he was proud to see for himself how supporters had the time of their lives without a concern over safety.

As usual, the performances did not disappoint, as the audience was kept on their feet throughout the entire show.

Molusi complemented the province for its potential of expanding in hosting events of such calibre.

He thanked the supporters for staying loyal to the festival, which

comes at the right time of reminding everyone the importance of praise and worship. He also thanked the volunteers who played different roles.

Molusi encouraged the partnership among the private sector, local and district municipalities, Department of Sports, Arts and Culture, and the Department of Economic Development and Tourism for a stronger partnership to put the province on the map.

Molusi was also pleased by the words of Joyous Celebration's founder, Jabu Hlongwane, who said that the province does in fact have the potential to host one of their album launches.

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MOUSA DIE GENESER

*VERLORE LIEFDE, EGSKEIDING
*HUWELIJS PROBLEME

*WEN DIE LOTTO EN P O W E R B A L L – A L S E S

*NO MINERS DIESEL F O E D A G

*GELD IN JO U R E K E N I N G D I E S E L F O E D A G

*BETRAAL JOU SKULD EN SWARTLYS

*TO W E R B E U R S I E, T O W E R I N G O M JOU R Y K T E M A A K

*M A N L I K E K R A G E N M A N L I K E V E R G R O T I N G

*A L L E V R O U P E R O B L E M E S O O S S W A N G E R S K A P

*B E V O R D E R I N G B Y D I E W E R K E N V E R H O O G J O U S A L A R I S

ONVOLTOOI DE WERK GRATIS S. BEL AS JY VER WEG IS. 100% WAARBO RG. HET JY A N D E R G E N E S E R S P R O B E E R E N W A S J Y T E L E U R G E S T E L D ? B E L M Y N O U : 0 6 3 8 8 7 7 7 3 7

Classifieds

MEDIA 24

TELECONSULTANT

Applications are invited for the above vacancy which available at Kalahari Bulletin Advertising department in Kuruman.

The successful candidate will be responsible for the following:

- Selling advertisement space
- Achieving sales targets
- Maintaining high levels of customer service
- Customer database and relevant administration

The ideal candidate must meet the following requirements:

- At least Senior Certificate (Grade 12)
- At least qualification in marketing will enhance your application
- Previous sales experience
- Handling of pressure with regard to deadlines and target achievement
- Good communication skills – both written and verbal
- Good interpersonal skills
- Client orientated
- Ability to be able to fluently communicate in Afrikaans and English

ECO-CON ENVIRONMENTAL

RECLAIM A GOOD PLANET & HIND TO FIND

PROPOSED CULTIVATION OF THE NAIRGIN SOIL FOR THE ESTABLISHMENT OF 17 SEED POTATO FARMING PLOTS AND ASSOCIATED WATER PIPELINES ON THE FARM ZULANI NO. 107 NEAR DOUGLAS, NORTHERN CAPE PROVINCE.

1. Notice is hereby given, in terms of the National Environmental Management Act, 1998 (Act No. 107 of 1998) (NEMA) (S.A. Regulations of 2014) that notice forming (the proponent) is proposing the above mentioned Project.

2. The intended development shall trigger the following listed activities:

a. Activity 12 of GN R.983 of 4 December 2014 (Listing Notice 1);

b. Activity 13 of GN R.983 of 4 December 2014 (Listing Notice 1);

c. Activity 14 of GN R.983 of 4 December 2014 (Listing Notice 1);

d. Activity 15 of GN R.984 of 4 December 2014 (Listing Notice 2);

e. Activity 16 of GN R.984 of 4 December 2014 (Listing Notice 2);

f. Activity 4 of GN R.985 of 4 December 2014 (Listing Notice 3);

g. Activity 12 of GN R.985 of 4 December 2014 (Listing Notice 3);

h. Activity 14 of GN R.985 of 4 December 2014 (Listing Notice 3);

3. The date of placement of this notice is 29 November 2017.

4. Queries regarding this matter must be referred to The Environmental Consultant, Eco-Con Environmental, P.O. Box 35292, Dorset, 8010, or contact Mr. Johan Bales at Tel: 051 436 0251, fax 051 436 0252 or email: johan@eco-con.co.za

5. Parties wishing to formally register as an IAP are requested to forward their comments (and contact details) to Eco-Con Environmental within 30 days of placement of this advertisement, which is on or before 19 January 2018.

ECO-CON ENVIRONMENTAL

RECLAIM A GOOD PLANET & HIND TO FIND

PROPOSED CULTIVATION OF 48 NAIRGIN SOIL FOR THE ESTABLISHMENT OF 16 SEED POTATO FARMING PLOTS AND ASSOCIATED WATER PIPELINES ON PORTION 1 OF THE FARM LORENAINE NO. 96 AND PORTION 3 OF THE FARM BLESSED BUNT EAST NO. 96 NEAR DOUGLAS, NORTHERN CAPE PROVINCE.

1. Notice is hereby given, in terms of the National Environmental Management Act, 1998 (Act No. 107 of 1998) (NEMA) (S.A. Regulations of 2014) that notice forming (the proponent) is proposing the above mentioned Project.

2. The intended development shall trigger the following listed activities:

a. Activity 9 of GN R.983 of 4 December 2014 (Listing Notice 1);

b. Activity 12 of GN R.983 of 4 December 2014 (Listing Notice 1);

c. Activity 14 of GN R.983 of 4 December 2014 (Listing Notice 1);

d. Activity 13 of GN R.984 of 4 December 2014 (Listing Notice 2);

e. Activity 15 of GN R.984 of 4 December 2014 (Listing Notice 2);

f. Activity 4 of GN R.985 of 4 December 2014 (Listing Notice 3);

g. Activity 12 of GN R.985 of 4 December 2014 (Listing Notice 3);

h. Activity 14 of GN R.985 of 4 December 2014 (Listing Notice 3);

3. The date of placement of this notice is 29 November 2017.

4. Queries regarding this matter must be referred to The Environmental Consultant, Eco-Con Environmental, P.O. Box 35292, Dorset, 8010, or contact Mr. Johan Bales at Tel: 051 436 0251, fax 051 436 0252 or email: johan@eco-con.co.za

5. Parties wishing to formally register as an IAP are requested to forward their comments (and contact details) to Eco-Con Environmental within 30 days of placement of this advertisement, which is on or before 19 January 2018.

ECO-CON ENVIRONMENTAL

RECLAIM A GOOD PLANET & HIND TO FIND

PROPOSED CULTIVATION OF 16 NAIRGIN SOIL FOR THE ESTABLISHMENT OF 16 SEED POTATO FARMING PLOTS AND ASSOCIATED WATER PIPELINES ON PORTION 1 OF THE FARM LORENAINE NO. 96 AND PORTION 3 OF THE FARM BLESSED BUNT EAST NO. 96 NEAR DOUGLAS, NORTHERN CAPE PROVINCE.

1. Notice is hereby given, in terms of the National Environmental Management Act, 1998 (Act No. 107 of 1998) (NEMA) (S.A. Regulations of 2014) that notice forming (the proponent) is proposing the above mentioned Project.

2. The intended development shall trigger the following listed activities:

a. Activity 9 of GN R.983 of 4 December 2014 (Listing Notice 1);

b. Activity 12 of GN R.983 of 4 December 2014 (Listing Notice 1);

c. Activity 14 of GN R.983 of 4 December 2014 (Listing Notice 1);

d. Activity 13 of GN R.984 of 4 December 2014 (Listing Notice 2);

e. Activity 15 of GN R.984 of 4 December 2014 (Listing Notice 2);

f. Activity 4 of GN R.985 of 4 December 2014 (Listing Notice 3);

g. Activity 12 of GN R.985 of 4 December 2014 (Listing Notice 3);

h. Activity 14 of GN R.985 of 4 December 2014 (Listing Notice 3);

3. The date of placement of this notice is 29 November 2017.

4. Queries regarding this matter must be referred to The Environmental Consultant, Eco-Con Environmental, P.O. Box 35292, Dorset, 8010, or contact Mr. Johan Bales at Tel: 051 436 0251, fax 051 436 0252 or email: johan@eco-con.co.za

5. Parties wishing to formally register as an IAP are requested to forward their comments (and contact details) to Eco-Con Environmental within 30 days of placement of this advertisement, which is on or before 19 January 2018.

In exchange for the successful candidate's services the company offers a competitive remuneration package including membership to the medical aid and pension funds for the person qualifying.

Interested persons can send their application to: awawaw@volkblad.com or visit Media24 careers page on www.media24.com

Applicants must clearly indicate for which position they are applying.

CLOSING DATE: 06 December 2017

If no feedback has been received by 31 January 2018, please accept your application as unsuccessful. The company reserves the right not to fill the position.

Given the employment equity policy of Media24, preference will be given to suitable candidates from the designated groups.

Kalahari Bulletin

ECO-CON ENVIRONMENTAL

RECLAIM A GOOD PLANET & HIND TO FIND

PROPOSED CULTIVATION OF THE NAIRGIN SOIL FOR THE ESTABLISHMENT OF 17 SEED POTATO FARMING PLOTS AND ASSOCIATED WATER PIPELINES ON THE FARM ZULANI NO. 107 NEAR DOUGLAS, NORTHERN CAPE PROVINCE.

1. Notice is hereby given, in terms of the National Environmental Management Act, 1998 (Act No. 107 of 1998) (NEMA) (S.A. Regulations of 2014) that notice forming (the proponent) is proposing the above mentioned Project.

2. The intended development shall trigger the following listed activities:

a. Activity 12 of GN R.983 of 4 December 2014 (Listing Notice 1);

b. Activity 13 of GN R.983 of 4 December 2014 (Listing Notice 1);

c. Activity 14 of GN R.984 of 4 December 2014 (Listing Notice 2);

d. Activity 15 of GN R.984 of 4 December 2014 (Listing Notice 2);

e. Activity 4 of GN R.985 of 4 December 2014 (Listing Notice 3);

f. Activity 12 of GN R.985 of 4 December 2014 (Listing Notice 3);

g. Activity 14 of GN R.985 of 4 December 2014 (Listing Notice 3);

3. The date of placement of this notice is 29 November 2017.

4. Queries regarding this matter must be referred to The Environmental Consultant, Eco-Con Environmental, P.O. Box 35292, Dorset, 8010, or contact Mr. Johan Bales at Tel: 051 436 0251, fax 051 436 0252 or email: johan@eco-con.co.za

5. Parties wishing to formally register as an IAP are requested to forward their comments (and contact details) to Eco-Con Environmental within 30 days of placement of this advertisement, which is on or before 19 January 2018.

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SEEK, BUY, SELL

Site Notices Placed on Property

Site Notice 1: (28°57'33.29"S; 24° 6'39.60"E)



Site Notice 2: (28°57'51.16"S; 24° 5'6.59"E)



Appendix E2: Proof of Notification to Stakeholders

SCOPING PHASE 30 PUBLIC PARTICIPATION PERIOD

Email Delivery Receipts to all stakeholders

Email Sent to all stakeholders

From: Johan
To: "perrilline@svanecuma.gov.za"; "douglas@svanecuma.gov.za"; "greenewald@svanecuma.gov.za"; "patrickmcklein@gmail.com"; "mm@inkedim.gov.za"; "nikolev@trilinesa.net"; "Natalie Lyle"; "Mthombeni"; "hinsond@gmail.com"; "khanne@incog.gov.za"; "Sekwiba Kwana Khutlo (KBY)"; "Tony Olyn"; "belindag@ewt.org.za"; "Candice.stevens@birdlife.org.za"; Pletley ka Seme District Municipality; Chris Groenewald
Subject: Zulani Agricultural Development - 30 day Public Participation period start
Date: Wednesday, 29 November 2017 8:15:00 AM
Attachments: image002.png

Dear Stakeholder / Interested and Affected Parties / Organs of State

RE: Zulani Agricultural Development - 30 day Public Participation Period

Eco-Con Environmental has been appointed by Idstone farming (Pty) Ltd. to undertake the Legislative required Scoping and Environmental Impact assessment Applications for their proposed Project.

In accordance with Listing Notice 983 or the National Environmental Management Act (Act 107 of 1998) (NEMA) EIA Regulations of December 2014, Eco-Con Environmental is conducting a Public Participation Process to engage with stakeholders / interested and affected parties / organs of state on the matter.

As part of the Public Participation Process, Eco-Con Environmental identified your organisation as a participant in the process and would like to invite you to act hereto.

Hereby you are given the opportunity to provide us with your comments / concerns and / or questions regarding the proposed project.

We kindly request you to download the report with the appendices from our website (www.eco-con.co.za/projects) or alternatively, please click on the link: <http://eco-con.co.za/projects/>

The **30 day** public participation period is open from **27 November 2017 to 19 January 2018** (excluding the period 15 December to 5 January). Please ensure your feedback is provided prior to the closure of the participation period.

Once the 30 day Public Participation period is conclude, all comments and feedback will be compiled in a comments and responses report which will be submitted to the Department for review in their decision making process.

If you know of any other individuals or organs of state that should be notified on this process, please provide their contact information as soon as possible so we can contact them.

We look forward to engaging with you further on this matter.

Kind regards

Johan Botes
 082 459 8206 / johan@eco-con.co.za



JOHAN BOTES
 MANAGING DIRECTOR (MD)

B.A. Honours in Geography (UFS)
 B.A. Geography and Environmental
 Management (UFS)
 IAIA'sa Reg.: 4043 / AIS Reg.: 1032

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+27 (0)86 592 2282 www.eco-con.co.za

Read Receipt from Candice Stevens (Birdlife South Africa):

From: [Candice Stevens](#)
To: ["Johan"](#)
Subject: Read: Zulani Agricultural Development - 30 day Public Participation period start
Date: Wednesday, 29 November 2017 8:45:05 AM

Your message

To: geraldine@siyancuma.gov.za; douglas@siyancuma.gov.za; groenewald@siyancuma.co.za; patrickmcklein@gmail.com; mm@pksgm.gov.za; pixley@telkomsa.net; Natalie Uys; 'TMthombeni'; hrouxx@gmail.com; khannie@ncpg.gov.za; 'Sekwaila Kwena Khutjo (KBY)'; 'Tony Olyn'; belindag@ewt.org.za; Candice.stevens@birdlife.org.za
Subject: Zulani Agricultural Development - 30 day Public Participation period start
Sent: 2017/11/29 8:15 AM
was read on 2017/11/29 8:43 AM.

Read Receipt from Chris Groenewald (Siyancuma Local Municipality):

From: [Chris Groenewald](#)
To: ["Johan"](#)
Subject: Read: Zulani Agricultural Development - 30 day Public Participation period start
Date: Thursday, 30 November 2017 7:51:55 AM
Attachments: [Read_Zulani Agricultural Development - 30 day Public Participation period start.txt](#)

Your message

To: Unknown
Subject:

Read Receipt from Pixley ka Sema District Municipality:

From: [Pixley ka Seme District Municipality](#)
To: ["Johan"](#)
Subject: Read: Zulani Agricultural Development - 30 day Public Participation period start
Date: Wednesday, 29 November 2017 8:30:55 AM
Attachments: [Read_Zulani Agricultural Development - 30 day Public Participation period start.txt](#)

Your message

To: Unknown
Subject:

Read Receipt from Tony Olyn (NC Department of Minerals and Resources):

From: [Tony Olyn](#)
To: [Johan](#)
Subject: Read: Zulani Agricultural Development - 30 day Public Participation period start
Date: Friday, 01 December 2017 10:09:51 PM

Your message

To: Tony Olyn
Subject: Zulani Agricultural Development - 30 day Public Participation period start
Sent: Wednesday, November 29, 2017 8:15:10 AM (UTC+02:00) Harare, Pretoria
was read on Friday, December 01, 2017 8:04:07 AM (UTC+02:00) Harare, Pretoria.

Correspondence received from Northern Cape Department of Water and Sanitation



water & sanitation

Department:
Water and Sanitation
REPUBLIC OF SOUTH AFRICA

Northern Cape Provincial Operations
Private Bag X 6101, Kimberley, 8301
28 Central Road Beaconsfield Kimberley
Tel: 053 836 7600, Fax: 053 842 3256, Email: wma10@dws.gov.za

F	053 830 8825		Refilwe Damane (Cand.Sci.Nat.)
E	damaner@dws.gov.za		053 836 2233
			By Registered Mail

ECO-CON ENVIRONMENTAL

P O Box 29262

Dan Hof

Bloemfontein

9310

Attention: Mr. Johan Botes

RE- PROPOSED CULTIVATION OF 765 HA VIRGIN SOIL FOR THE ESTABLISHMENT OF 17 SEED POTATO FARMING PIVOTS AND ASSOCIATED WATER PIPELINES ON THE FARM ZULANI NO.167 NEAR DOUGLAS, NORTHERN CAPE

1. Background

The Department of Water and Sanitation acknowledges receipt of a draft scoping report for the proposed cultivation of 765 ha virgin soil for the establishment of 17 seed potato farming pivots and associated water pipelines on the farm Zulani no. 167 near Douglas, Northern Cape. The document was then reviewed with reference to the National Water Act (Act No. 36 of 1998) and the following are the comments.

The Department takes note that the proposed activity at the above mentioned locations will include:

- The establishment of seventeen (17) 45 ha seed potato farming pivots on the farm of previously uncultivated land.

- The construction of a new extraction point with pumping system in the Riet River on the remainder of the farm Zulani no.167.
- The construction of a 315mm pipeline of approximately 1.4 km in length for the transportation of water from the extraction point in the Riet River to a booster pump and from there with 250mm and 315mm pipelines directly into the pivots.

2. Distance from the water course

Please note that our Department rates all perennial and non-perennial rivers together with all dry river beds and natural drainage and associated riparian areas extremely sensitive to development. An option of developing furthest away from the all water course would be the preferred option.

Please note that no development should be done within 100 m or 1:100 year flood line of any water course and 500m of wetlands without authorisation from our Department. The water courses should be delineated in order to provide appropriate buffer to maintain such water course. The delineation should be done according to the appropriate Department of Water and Sanitation's delineation document.

The construction camp shall not be located within the 1:100 year flood line or within 100 meters whatever is the greatest from any watercourse. Operation and storage of equipment within the riparian zone must be limited as far as possible.

Vehicles and other machinery must be serviced well above the 1:100 year flood line or within a horizontal distance of 100 meters from any watercourse or estuary. Oils and other potential pollutants must be disposed of at an appropriate licensed site, with the necessary agreement from the owner of such a site.

3. Storm Water management

Any storm water must be diverted from the construction works and roads and must be managed in such a manner as to disperse runoff and to prevent the concentration of storm water flow. Where necessary, works must be constructed to attenuate the velocity of the storm water discharge and to protect the banks of the watercourse. Storm water control works must be constructed, operated and maintained in a sustainable manner throughout the project.

Increased runoff due to vegetation clearance and/or soil compaction must be managed, and steps must be taken to ensure that storm water does not lead to bank instability and excessive levels of

silt entering the watercourse. Storm water leaving the construction site must in no way be contaminated by any substance, whether such substance is a solid, liquid, vapour or gas or a combination thereof which is produced, used, stored, dumped or spilled on the premises.

4. Invasive alien vegetation

Alien invasive species that were identified within the study area and in specific along the final route alignment should be removed prior to construction-related soil disturbances. By removing these species, the spread of seeds will be prevented into disturbed soils. All alien seedlings and saplings must be removed as they become evident for the duration of construction. All construction vehicles and equipment, as well as construction material should be free of plant material. Therefore, all equipment and vehicles should be thoroughly cleaned prior to access on to the construction areas. This should be verified by the ECO.

5. Design and layout alternatives:

A detailed layout plan needs to be submitted to our Department showing all the facilities in the proposed development, distance from the any watercourses and bathroom facilities.

Details of the final design must also be supplied as soon as a decision has been made, as the details of this factor may influence the environmental impact both during the construction and operational phases of the project.

6. Construction

Details of the actual construction method must be stated as soon as possible, as it may significantly impact on the type and quantity of the construction waste and impact on the water resources.

Material with pollution generating potential must be limited in any construction activities. Any hazardous substances must be handled according to the relevant legislation relating to transport, storage and use of the substance.

Any spillage of any hazardous materials including diesel that may occur during construction and operation must be reported immediately to our Department.

Please be informed that construction water may not be obtained from any water recourse without the necessary authorization. The Department notes the intention to source water from local municipalities. Please provide proof of such agreements to the Department prior to commencement.

7. Waste Management

Rubbish bins and Enviro loo/mobile toilets must be there and enough for the people on site during construction. A letter of consent from a registered waste facility to allow contractor to empty the toilet facility at their sewer system should be submitted to our department.

All sewage, grey and wash water, as well as any waste generated during the construction phase of the facilities will be collected, contained and disposed of at the permitted and / or licensed facilities of the Local Authority and this must please be confirmed in writing by the local authority.

8. Rehabilitation

Soils that have become compacted through the activities of the development must be loosened to an appropriate depth to allow seed germination. The necessary erosion prevention mechanisms must be employed to ensure the sustainability of all structures and activities and to prevent in-stream sedimentation.

9. Water use entitlement

Please take note that authorisation (in terms of Section 21 of the NWA) from the Department will be required prior to commencement of the project should the following water uses be triggered by the proposed activity.

Water Use	Example
a) Taking water from a water resource	Abstracting water from a river or borehole for the following purposes.
c) Impeding or diverting the flow of water in a watercourse.	Construction of structures/facilities within a water course (perennial and non-perennial). This means that no development should be done within 100 m or 1:100 year flood line of any water course and 500m of wetlands.
i) Altering the bed, banks, courses or characteristics of a watercourse.	Construction of structures/facilities within a water course (perennial and non-perennial). This means that no development should be done within 100 m or 1:100 year flood line of any water course and 500m of wetlands.

In addition, a site inspection should be conducted prior to commencement of activity by a departmental official to verify all water uses that might be triggered by activity.

10. Conclusion

Should the above issues be considered and all the requested documentation be submitted, the Department of Water and Sanitation has no objection to the proposed development.


DIRECTOR: INSTITUTIONAL ESTABLISHMENT
DATE: 10/01/2017

EAP Correspondence to Department of Water and Sanitation



Northern Cape Department of Water and Sanitation
 Private Bag X
 Kimberley
 8301

(T) 053 836 7600
 (F) 053 842 3258

22 January 2018

To: Director Institutional Development

RE: PROPOSED CULTIVATION OF 765 HA VERGIN SOIL FOR THE ESTABLISHMENT OF 17 SEED POTATO PIVOTS ON THE FARM ZULANI NO. 167, NEAR DOUGLAS, NORTHERN CAPE PROVINCE

Eco-Con Environmental acknowledge receipt of your comments/letter date 10 January 2018. Eco-Con Environmental reviewed/read through the comments received and below follows our response:

- **Distance from Watercourses:**

Your comments have been reviewed and Eco-Con Environmental will include these comments/conditions within the Environmental Management Plan to be submitted with the Draft Impact Assessment report once approval has been obtained for the Scoping report.

- **Storm Water Management:**

Your comments have been reviewed and Eco-Con Environmental will include these comments/conditions within the Environmental Management Plan to be submitted with the Draft Impact Assessment report once approval has been obtained for the Scoping report.

- **Invasive Alien Vegetation:**

Your comments have been reviewed and Eco-Con Environmental will include these comments/conditions within the Environmental Management Plan to be submitted with the Draft Impact Assessment report once approval has been obtained for the Scoping report.

- **Design and Layout alternatives:**

The final designs and layout out alternatives will be submitted to your office during the Public Participation period on the Draft Impact Assessment report.

- **Construction:**

Full details regarding the construction process have been provided under section 5.2.1 and 5.2.2 of the scoping report. This will again be included in the Draft Impact Assessment report which will be submitted to your office during the Public participation period on the Draft Impact Assessment report.

Directors: WA Botes - Financial Director | J Botes - Managing Director | PS Kole - Marketing Director

T +27 (0)51 436 1251

F +27 (0)86 592 2282

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W www.eco-con.co.za

Postal address: P.O.Box 29262, Dan Hof, Bloemfontein, 9310

Reg no.: 2017/232414/07





Further to the above. Your comments have been reviewed and Eco-Con Environmental will include these comments/conditions within the Environmental Management Plan to be submitted with the Draft Impact Assessment report once approval has been obtained for the Scoping report.

- **Waste Management:**

Your comments have been reviewed and Eco-Con Environmental will include these comments/conditions within the Environmental Management Plan to be submitted with the Draft Impact Assessment report once approval has been obtained for the Scoping report.

- **Rehabilitation:**

Your comments have been reviewed and Eco-Con Environmental will include these comments/conditions within the Environmental Management Plan to be submitted with the Draft Impact Assessment report once approval has been obtained for the Scoping report.

- **Water Use Entitlement:**

Eco-Con Environmental was also appointed to assist the client with the Water Use License Applications. This application will be submitted to the Department once all documentation, including the Environmental Authorisation and Ploughing Certificate, have been obtained.

- **Conclusion:**

Thank you very much for providing your comments to Eco-Con Environmental. Eco-Con environmental will ensure that all these comments have been address during the different stages of the project.

Please feel free to contact the EAP if any of the above is unclear.

Kind Regards

Johan Botes
082 459 8206
johan@eco-con.co.za

Directors: WA Botes - Financial Director | J Botes - Managing Director | PS Kole - Marketing Director

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Reg no.:2017/232414/07



Proof of EAP Correspondence to Department of Water and Sanitation

From: [Johan](#)
To: "Damane Refilwe (KBY)"
Subject: RE: DWS COMMENTS
Date: Monday, 22 January 2018 11:28:00 AM
Attachments: [johans01.png](#)
[DWS Feedback on Lorraine Comments_22Jan2018.pdf](#)
[DWS Feedback on Banks Drift Comments_22Jan2018.pdf](#)
[DWS Feedback on Zulani Comments_22Jan2018.pdf](#)

Good day Refilwe

Eco-Con Environmental hereby acknowledge receipt of your comments for the proposed developments.

Please see attached to this email our response to your letters.

Please feel free to contact our office if any of the above is unclear.

Kind regards

Johan Botes
 082 459 8206 / johan@eco-con.co.za



From: Damane Refilwe (KBY) [<mailto:DamaneR@dws.gov.za>]
Sent: Thursday, 11 January 2018 8:38 AM
To: johan@eco-con.co.za
Subject: DWS COMMENTS

Good day

Please find attached the DWS comments for the following projects:

- PROPOSED CULTIVATION OF 450 HA VIRGIN SOIL FOR THE ESTABLISHMENT OF 18 SEED POTATO FARMING PIVOTS AND ASSOCIATED WATER PIPELINES ON THE REMAINING EXTENT OF THE FARM BANKS DRIFT NO 164 AND PORTION 1 OF THE FARM CHRISTIANS DRIFT NO 166 RESPECTIVELY NEAR DOUGLAS, NORTHERN CAPE
- PROPOSED CULTIVATION OF 765 HA VIRGIN SOIL FOR THE ESTABLISHMENT OF 17 SEED POTATO FARMING PIVOTS AND ASSOCIATED WATER PIPELINES ON THE FARM ZULANI NO.167 NEAR DOUGLAS, NORTHERN CAPE
- PROPOSED CULTIVATION OF 800 HA VIRGIN SOIL FOR THE ESTABLISHMENT OF 16 SEED POTATO FARMING PIVOTS AND ASSOCIATED WATER PIPELINES ON PORTION 1 OF THE FARM LORRAINE NO. 100 NEAR DOUGLAS, NORTHERN CAPE

Hard copies should reach you via post soon.

Kind Regards

Refilwe Damane (Cand.Sci.Nat.)
 Department of Water and Sanitation (KBY)
 28 Central Road, Beaconsfield
 Institutional Establishment
 Northern Cape Region

Correspondence received from the South African Heritage Resources Agency (SAHRA)

Zulani Agricultural Development

Our Ref:



an agency of the
Department of Arts and Culture

T: +27 21 462 4502 | F: +27 21 462 4500 | E: info@sahra.org.za
South African Heritage Resources Agency | 111 Harrington Street | Cape Town
P.O. Box 4637 | Cape Town | 8001
www.sahra.org.za

Enquiries: Natasha Higgitt
Tel: 021 462 4502
Email: nhiggitt@sahra.org.za
CaseID: 12020

Date: Tuesday January 09, 2018
Page No: 1

Interim Comment

In terms of Section 38(3), 38(8) of the National Heritage Resources Act (Act 25 of 1999)

Attention: Idstone Farming (Pty) Ltd

The company Idstone Farming (Pty) Ltd. is proposing to commence with the process of procuring the Farm Zulani No. 167 near the town of Douglas in the Northern Cape Province (765 ha). The reason for the intended procurement is for establishing seventeen (17) 45 ha seed potato farming pivots on the farm of natural previously uncultivated land.

Eco-Con Environmental (Pty) Ltd has been appointed by Idstone Farming (Pty) Ltd to conduct a Scoping and Environmental Impact Assessment (S&EIA) Process in support of an Environmental Authorisation Application for the proposed cultivation of 765ha virgin soil for the establishment of 17 seed potato farming pivots and associated water pipelines on the farm Zulani No 167 near Douglas, Northern Cape Province. A draft Scoping Report has been submitted to SAHRA in terms of the National Environmental Management Act, 1998 (NEMA) and the 2017 EIA Regulations.

Dr Lloyd Rossouw of the National Museum in Bloemfontein was appointed to conduct the Heritage Component of the S&EIA process.

Rossouw, L. 2017. Phase 1 Heritage Impact Assessment of proposed installation of new irrigation pivots and associated infrastructure on the farm Zulani 167 near Douglas, Northern Cape Province.

The geology mostly likely to be impacted by the proposed project area consists of a thick mantle of aeolian Kalahari sands which are of recent age. No heritage resources were identified within the proposed agriculture area, and the terrain is not considered to be archaeological vulnerable. No recommendations were provided.

Interim Comment

SAHRA Archaeology, Palaeontology and Meteorites (APM) Unit requests that the Scoping Report appendices, the draft EIA and all appendices must be submitted to the case application on SAHRIS so that an informed comment can be issued.

Further comments will be issued upon receipt of the above.

Should you have any further queries, please contact the designated official using the case number quoted

Zulani Agricultural Development

Our Ref:



an agency of the
Department of Arts and Culture

T: +27 21 462 4502 | F: +27 21 462 4500 | E: info@sahra.org.za
South African Heritage Resources Agency | 111 Harrington Street | Cape Town
P.O. Box 4837 | Cape Town | 8001
www.sahra.org.za

Enquiries: Natasha Higgitt
Tel: 021 462 4502
Email: nhiggitt@sahra.org.za
CaseID: 12020

Date: Tuesday January 09, 2018
Page No: 2

above in the case header.

Yours faithfully

Natasha Higgitt
Heritage Officer
South African Heritage Resources Agency

Phillip Hine
Acting Manager: Archaeology, Palaeontology and Meteorites Unit
South African Heritage Resources Agency

ADMIN:
Direct URL to case: <http://www.sahra.org.za/node/487339>
(DENC, Ref:)

EAP Correspondence to SAHRA

From: "Johan" <johan@eco-con.co.za>
To: "Natasha Higgitt" <nhiggitt@sahra.org.za>
Sent: Monday, 22 January, 2018 10:50:25 AM
Subject: RE: SAHRIS Case ID 12027, 12028 and 12029

Good day Natasha

Hope all is well?

Thank you very much for the email. Comments received.

As per our telephonic discussion, your comments require the Draft Impact Assessment report also to be submitted in order for you to provide an informed decisions / comment on the projects.

Due to this being the scoping phase, we will first await approval on the Scoping phase before compiling the Draft Impact Assessment report.

Once complete, all relevant and required documentation will be forwarded to you as per your request.

If we receive negative feedback / rejection on the scoping report, this will also be forwarded to your offices.

Please let me know if the above will suffice.

Kind regards

Johan Botes

082 459 8206 / johan@eco-con.co.za

Proof of EAP Correspondence to SAHRA

From: [Natasha Higgitt](#)
To: [Johan](#)
Subject: Re: SAHRIS Case ID 12027, 12028 and 12029
Date: Monday, 22 January 2018 11:03:09 AM

Good morning,

Thank you for updating SAHRA on the development applications.

We await further documentation regarding the project with regards to the approval/rejection of the Scoping Report, and if approved, the Draft EIA and appendices.

Kind Regards,

Natasha Higgitt
Heritage Officer: Archaeology, Palaeontology and Meteorites Unit

South African Heritage Resources Agency
- A nation united through heritage -

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E: nhiggitt@sahra.org.za | 111 Harrington Street | Cape Town

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Natasha Higgitt
Heritage Officer: Archaeology, Palaeontology and Meteorites Unit

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Comments Received from SANParks

To develop, expand, manage and promote a system of sustainable national parks that represent biodiversity and heritage assets, through innovation and best practice for the just and equitable benefit of current and future generations.



MONP/16/3/1

7 June 2018

Mr Johan Botes
 ECO-CON
 Po Box 29262
 Dan Hof
 Bloemfontein
 9310

addo elephant
 agulhas
 augrabies
 hontebok
 camdeboo
 golden gate highlands
 karoo
 kgalagadi transfrontier
 kapsna lake area
 kruger
 mapungubwe
 marakele
 mokala
 mountain zebra
 namaqua
 table mountain
 tankwa karoo
 tsitsikamma
 richtersveld
 west coast
 wilderness

COMMENTS ON THE ENVIRONMENTAL APPLICATIONS FOR THE PROPOSED CULTIVATION AND THE ESTABLISHMENT OF POTATO FARMING ON THE PROPERTIES- LORRAINE 100, BANKS DRIFTS NO 164 AND PORTION 1 OF CHRISTIAANS DRIFT NO 166 (ALL TOGETHER) AS WELL AS FARM ZULANI NO 167 IN THE DOUGLAS AREA

Following the review of the Scoping Reports for the said properties as well as a preliminary consultation process towards possible offsets held on the 21 May 2018 SANParks would like to comments on the proposed developments as follows;

For the properties Banks Drift no 164 together with portion 1 of Christians Drift no 166, as well as Farm Zulani no 167, SANParks is of the opinion that these developments do not fall within the footprint of Mokala National Park. SANParks will however support the outcome from DENC with regard to these two proposed developments.

Farm Lorraine no 100 is however falling within the footprint of Mokala National Park and concerns are raised which will therefore have a detrimental impact on the protected area if this development is authorized to go ahead. These concerns are;

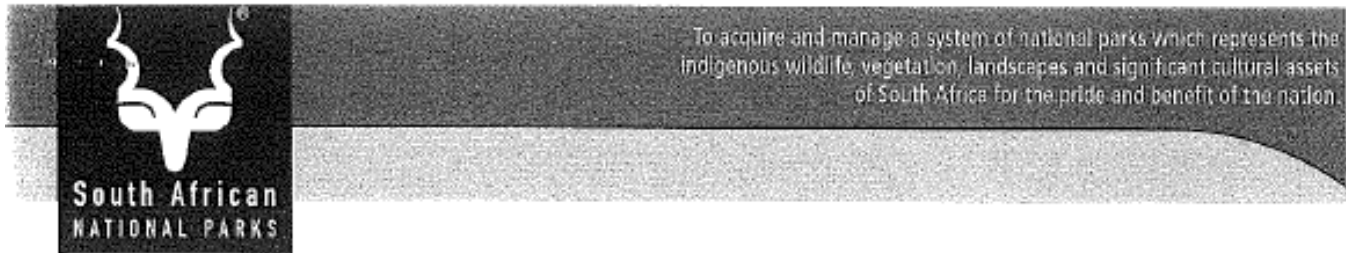
1. It should be acknowledged that the proposed development (alternatives 1 and 2) on farm Lorraine no 100 falls within a Critical Biodiversity Area and within close proximity to the north western boundary of Mokala National Park, a declared protected area.
2. The proposed development on farm Lorraine no 100 also falls within the developing footprint of Mokala National Park and will have a detrimental effect on future expansion of Mokala National Park.
3. The presence of a rare and endangered vulture colony (white backed vultures) on the farm Lorraine no 100 is a serious concern as a national decline in numbers is observed. The area is also frequently visited by Cape Vultures. It should be noted that it is not only the breeding but also the habitat that will negatively impacted upon.
4. Two protected tree species occur on the farm Lorraine no 100 namely *Boscia albitrunca* (Shepherds Tree) and *Vachellia erioloba* (Camel Thorn). The *Vachellia erioloba* plant community is also threatened by development.

643 Leyds Street
 Muckleneuk
 Pretoria

PO Box 787
 Pretoria
 0001

tel: 012 426 5000
 fax: 012 343 0905

central reservations: 012 428 9111
 reservations@parks.co.za
 www.parks-sa.co.za



5. The proposed development will also have a negative impact on the soil structure as a result of ploughing, fertilizing and use of chemicals for weed control. Irrigation may also result in higher than normal leaching of nutrients out of the soil which may change the chemical composition of the soil which will lead to soil degradation.

6. The clearing of vegetation and occurrences of heavy rain and thunderstorms will result in higher soil loss which will in return impact negatively on the water quality delivered from the catchment to the Riet River.

addo elephant

agulhas

augrabies

bontebok

cape peninsula

Due to the concerns raised above, SANParks will not support the development as proposed on farm Lorraine no 100.

golden gate highlands

karoo

Yours truly

kgalagadi transfrontier

knysna lake area

12/6/2018
Date

kruger

.....
 Lucius Moolman
 Regional General Manager – Arid Region
 South African National Parks

marakele

mountain zebra

namaqua

tankwa karoo

tsitsikamma

richtersveld

vbembe dongola

west coast

wilderness

EAP Feedback to SANParks

**South African National Parks (SANParks)**

P.O. Box 787
Pretoria
0001

(T) 021 426 5000
(F) 012 343 0905

28 June 2018

To: Mr. Lucius Moolman (Regional Manager – Arid Region)

RE: FEEDBACK ON COMMENTS ON THE ENVIRONMENTAL APPLICATIONS FOR THE PROPOSED CULTIVATION AND THE ESTABLISHMENT OF POTATO FARMING ON THE PROPERTIES – LORRAINE100, BANKS DRIFT 164, AND PORTION 1 OF THE FARM CHRITIAANS DRIFT 166 AS WELL AS FARM ZULANI 167 IN THE DOUGLAS AREA

Eco-Con Environmental acknowledge receipt of your comments/letter date 12 June 2018. Eco-Con Environmental reviewed/read through the comments received and below follows our response:

Paragraph 2 of your letter date 12 June 2018 states: *“For the properties Banks Drift no 164 together with portion 1 of Christiaans Drift no 166, as well as Farm Zulani no 167, SANParks is of the opinion that these developments do not fall within the footprint of Mokala National Park. SANParks will however support the outcome from DENC with regard to these tow proposed developments.”*

Eco-Con Environmental thank you for your feedback to the above mentioned two developments. This will be communicated to DENC.

Paragraph 3, together with the concerns numbered 1 to 6, of your letter date 12 June 2018 states: *“Farm Lorraine no 100 is however falling within the footprint of Mokala National Park and concerns are raised which will therefore have a detrimental impact on the protected area if this development is authorised to go ahead. These concerns are:*

1. *It should be acknowledged that the proposed development (alternatives 1 and 2) on farm Lorraine no 100 falls within a Critical Biodiversity Area and within close proximity to the north western boundary of Mokala National Park, a declared protected area.*
2. *The proposed development on the farm Lorraine no 100 also falls within the development footprint of Mokala National Park and will have a detrimental effect on future expansion of Mokala National Park.*
3. *The presence of a rare and endangered vulture colony (white backed vultures) on the farm Lorraine no 100 is a serious concern as a national decline in numbers is observed. The area is also frequently visited by Cape Vultures. It should be noted that it is not only the breeding but also the habitat that will be negatively be impacted upon.*

Directors: WA Botes - Financial Director | J Botes - Managing Director | PS Kole - Marketing Director

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Reg no.:2017/232414/07





4. *Two protected tree species occur on the farm Lorraine no 100 namely Boscia Albitranca (Shepherds Tree) and Vachellia erioloba (Camel Thorn). The Vachellia erioloba plant community is also threatened by development.*
5. *The proposed development will also have a negative impact on the soil structure as a result of ploughing, fertilizing and use of chemicals for weed control. Irrigation may also result in higher than normal leaching of nutrients out of the soil which may change the chemical composition of the soil which will lead to soil degradation.*
6. *The clearance of vegetation occurrences of heavy rain and thunderstorms will result in higher soil loss which will in return impact negatively on the water quality delivered from the catchment to the Riet River*

Due to the concerns raised above, SANParks will not support the development as proposed on farm Lorraine 100."

Based on your comments above, regarding the farm Lorraine no 100, Eco-Con Environmental is pleased to announce that as a result of the significantly high sensitivity of the farm Lorraine no 100, the client, in collaboration with the Independent EAP and Ecological Specialist, have decided to withdraw the farm Lorraine no 100 from the application to develop. In other word, development will not proceed on the farm Lorraine no 100. Lorraine no 100 will in return form part of the Biodiversity Offset report for the other two projects on the farm Zulani 167 and the farms Banks Drift 164 and Portion 1 of the Farm Christiaan Drift no. 166.

Eco-Con Environmental thank you for your inputs and cooperation in this regard.

Please feel free to contact the EAP if any of the above is unclear.

Kind Regards

Johan Botes
082 459 8206
johan@eco-con.co.za

Directors: WA Botes - Financial Director | J Botes - Managing Director | PS Kole - Marketing Director

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Reg no.:2017/232414/07



Proof of Email correspondence with SANParks

From: [Johan](#)
To: [Hugo Bezuidenhout](#); [Willem Louw](#); [Charlene Bissett](#); [Giel De Kock](#); [Elsabe Swart](#); [Johan De Klerk](#); [Samuel Tompies](#); [Lucius Moolman](#)
Cc: [Giel De Kock](#)
Subject: Feedback on Comments received 12 June 2018
Date: Thursday, 28 June 2018 3:55:00 PM
Attachments: [SANParks feedback on Comments 28June2018.pdf](#)
[SANParks official comments 20180617.pdf](#)
[mimem02.png](#)

Good day Dr Bezuidenhout

Hope all is well?

Please see attached feedback regarding your comments received on 12 June 2018.

Please feel free to contact us in the event of any uncertainties.

Kind regards

Johan Botes
 082 459 8206 / johan@eco-con.co.za



JOHAN BOTES
 MANAGING DIRECTOR (MD)

B.A. Honours in Geography (UFS)
 B.A. Geography and Environmental
 Management (UFS)
 IAIA' sa Reg.: 4043 / AIS Reg.: 1032

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From: Hugo Bezuidenhout [<mailto:hugo.bezuidenhout@sanparks.org>]
Sent: Friday, 15 June 2018 8:16 AM
To: Rikus Lamprecht <ajhlamprecht@gmail.com>; Willem Louw <Willem.Louw@sanparks.org>; Charlene Bissett <charlene.bissett@sanparks.org>; Giel De Kock <giel.dekock@sanparks.org>; 'Elsabe Swart' <elsabe.dtec@gmail.com>; Johan De Klerk <johan.deklerk@sanparks.org>; 'Johan' <johan@eco-con.co.za>; Samuel Tompies <samuel.tompies@sanparks.org>; Lucius Moolman <lucius.moolman@sanparks.org>
Cc: Giel De Kock <giel.dekock@sanparks.org>
Subject: RE: Draft minutes for the meeting held on 21 May 2018
Importance: High

Please find herewith SANParks comments as per attachment.

Rg

Dr Hugo Bezuidenhout
 Specialist: Vegetation Ecologist
 P.O. Box 110040, Hadison Park
 Scientific Services, Kimberley 8306
 SANParks

082 908 2857 or 053 802 1913

Correspondence from BirdLife South Africa

Hi Rikus and Johan,

Apologies for the late reply, last week ran away with me a bit.

I've gone through all the documentation, and BirdLife South Africa would oppose the development unfortunately. As an organisation, we clearly appreciate the need for development in South Africa and, where possible, work with developers to ensure that impacts of development are properly mitigated so that development can proceed. However in this case we feel that it would not be possible to mitigate the impacts.

We discussed the possible use of a biodiversity offset. Offsets should only be used in accordance with the Mitigation Hierarchy, and this will be confirmed by the soon to be published National Biodiversity Offset Policy. The IFC Performance Standard 6 also requires the use of the Mitigation Hierarchy – see attached; the section titled Protection and Conservation of Biodiversity (especially points 16 – 18) are relevant. The IFC (International Finance Corporation) is the funding arm of the World Bank, and all banks that borrow from the World Bank (almost all SA banks) and those that have signed the Equator Principles (the four big SA banks have signed and comply with the Equator Principles) must comply with the IFC Performance Standard 6.

As White-backed Vultures are Critically Endangered (<http://www.iucnredlist.org/details/22695189/0>), sections 16 – 18 of the IFC Performance Standard 6 are applicable, as copied in at the end of this email. The proposed project would not comply with these sections for the following reasons:

1. The proposed site is of significant importance to a Critically Endangered species (both for breeding and foraging);
2. Viable alternatives within the region would exist for development on habitats that are modified or are not critical (i.e. don't host White-backed Vulture nests, and are not important feeding grounds within the vicinity of nests);
3. The project would lead to measurable adverse impacts on the biodiversity values of the region;
4. It is likely that the project would lead to a net reduction in the population of White-backed Vultures by virtue of reducing the availability of suitable nesting habitat in the area, and by destroying the adjacent habitat on which they rely for foraging. The avifaunal reports have indicated that *the loss of suitable White-backed vulture habitat as a result of clearing of land for agricultural purposes is one of the reasons for the decline in vulture numbers worldwide (Bunning, 1985), vulture conservation should not only focus to protect individuals or known nesting aggregations, but rather to protect the larger preferred breeding and foraging habitat of the species of the size of the section of available suitable habitat. This will ensure a sustainable future for the species and prevent isolation of breeding colonies.* Thus although not all of the proposed development will have direct impacts on White-backed Vulture nests, it is highly likely that all of the proposed development (for all 3 sites, singularly or collectively) will result in negative population impacts due to the loss of suitable habitat.

Further, due to the likely availability of alternatives (both alternative sites, and alternative low disturbance agriculture – e.g. grazing lands for cattle), the use of Biodiversity Offsets cannot be considered within the IFC Performance Standard 6 framework. BirdLife South Africa's policy is to oppose developments that cannot meet these criteria and which will have a significant impact on threatened bird species. However it is likely that the aforementioned banks would take the same view – due to non-compliance with the IFC Performance Standards – and would not finance this development.

In terms of the EIA legislation, BirdLife South Africa would argue that the proposed development is fatally flawed due to the high likelihood of globally significant and irreversible impacts on a Critically Endangered species, and that Biodiversity Offsets cannot be considered as a mitigation measure as alternative sites for development are likely to exist, and alternative forms of agriculture for the site would also exist.

We highly appreciate the stance you have taken in suggesting that an avian impact assessment is done before the full EIA process is launched, and before the farmer is heavily committed to the project. Please call or email me if you have any questions about this.

Kind regards,

Jonathan Booth

EAP Feedback to Birdlife South Africa

From: [Johan](#)
To: ["Jonathan Booth"](#)
Subject: RE: Avifaunal studies for 3 X Douglas agricultural projects
Date: Thursday, 28 June 2018 3:40:00 PM
Attachments: [image010.png](#)
[image013.png](#)
[image015.png](#)
[image016.png](#)
[image001.png](#)

Good day Jonathan

Hope all is well?

Sorry for the late reply, there were numerous issues / inputs / mitigations that had to be taken up with all relevant departments / stakeholders and the client.

Regarding your comments below, thank you very much for your time to provide feedback and inputs to these studies.

Eco-Con Environmental is pleased to announce that as a result of the significantly high sensitivity of the farm Lorraine no 100, the client, in collaboration with the Independent EAP and Ecological Specialist, have decided to remove the farm Lorraine no 100 from the application to develop. In other word, development will not proceed on the farm Lorraine no 100. This will leave the most pristine area in an undeveloped state.

However, the client would like to proceed with the applications on the Farm Zulani no 167 and the farm Bank Drift 164 and portion 1 of the Farm Christiaans Drift no 166.

On the Farm Banks Drift and portion 1 of the Farm Christiaans Drift no 166, no Vulture nests were identified, however, on the Farm Zulani, 6 active nests were identified.

As a result, the client, based on our inputs, have decided to proceed with these studies on condition that a Biodiversity Offset Report be compiled. The Farm Lorraine no 100 is also included in the offset report to be formally protected in the future. This Biodiversity Offset Report is now complete and will run with the Impact Assessment phase a 30 day public participation period.

You will be informed of the availability of these reports, once we are ready to submit, and we ask of you to please review the final impact assessment reports and the offset reports compiled.

Your comments, either positive or negative, will then be included in the Final Impact Assessment report which will be submitted to DENC for their decision making process.

Again thank you very much.

Have a great day

Kind regards

Johan Botes

SANParks, Mokala National Park and DENC meeting minutes held by Ecological Specialist

EcoFocus Consulting (Pty) Ltd

Registration : 2017/223847/07

7 Edenglen, Waterberg Street, Langenhovenpark, Bloemfontein, 9330

T 072 230 9598

E ajhlamprecht@gmail.com



Proposed Biodiversity Offset & Mokala National Park Expansion Pre-EIA

Submission Meeting

Minutes

Meeting Date: 2018/05/21

Welcome and Introduction

- All parties were welcomed to the meeting by R Lamprecht.
- All parties present introduced themselves and their designations.
- Parties present at the meeting:
 - R Lamprecht
 - F Lawrence
 - R Lawrence
 - C Bissett
 - G de Kock
 - E Swart
 - H Bezuidenhout
 - W Louw
 - J de Klerk
- The following parties were excused from attending the meeting:
 - K Naude
 - L Moolman
 - M Knight

Project Background Discussion

- The locations and sizes of the proposed three developments were explained to the meeting.
- The vegetation types and conservation sensitivity background of the proposed three developments were explained to the meeting.
- The question was raised of why three separate Environmental Applications were submitted rather than a single combined application as this could lead to confusion within the competent authority.
- The response was that it posed a greater risk to the applicant of the entire project being rejected if a single combined application was submitted.
- It was confirmed that all three applications were being dealt with by a single case officer from the competent authority which should prevent confusion.

- The three significant long term residual ecological impacts associated with the proposed three developments were explained to the meeting.
 - Transformation of a pristine Critical Biodiversity Area two (CBA 2) which would have to be cleared in order to make way for the proposed cultivated circular pivot lands.
 - Destruction/damage to a significant number of individuals of the nationally protected tree species *Vachellia erioloba* (Camel thorn) & *Vachellia haematoxylon* (Grey camel thorn) which would have to be cleared in order to make way for the proposed cultivated circular pivot lands.
 - Destruction/damage to nesting and breeding habitat of a significant number of individuals of the critically endangered Red Data Listed bird species *Gyps africanus* (African white-backed vulture) which mainly nests in the larger Camel thorn trees. Large trees would have to be cleared in order to make way for the proposed cultivated circular pivot lands.
- The comment was made that there are virtually no *Vachellia haematoxylon* (Grey camel thorn) individuals present within the Farm Lorraine no 100 and surrounding Mokala National Park areas.
- This comment was acknowledged and agreed to by the applicant and ecological specialist.

- The approval date and conditions of the Scoping Phase were explained to the meeting.
- The question was raised whether SANPARKS had been adequately informed of the PPP during the Scoping phase and was any comment received.

- The response was that the relevant PPP notification and documentation was provided to Mr H Bezuidenhout during the PPP. No comment was received from SANParks.
- It was then requested that all the parties present at the meeting are to be included into the PPP for the full EIA Phase.
- This request was acknowledged and confirmed that all the parties present at the meeting would be included.
- The question was raised of whether the close proximity presence of the Mokala National Park was mentioned within the Scoping Phase documentation.
- This could not be definitely confirmed and it was indicated that this issue would be highlighted within the full EIA Phase.
- The potential offset properties were discussed and explained to the meeting.

Main Points Raised During Open Discussion

- The comment was made that the parties present were not at liberty to discuss or negotiate any expansion of the Mokala National Park on behalf of SANParks.
- The applicant explained that he had been in negotiations with SANParks on two occasions for the purchase of his properties adjacent to Mokala National park but that no final conclusions were reached as SANParks did not conclude the negotiations from their side.
- The comment was made that it was not the prerogative of the parties present to discuss such historic dealings.
- The comment was made that expansion of a National Park as part of an offset agreement would require the donation of land and formal declaration of the land as a National Park in accordance with Section 20 of the National Environmental Management: Protected Areas Amendment Act (Act 21 of 2014).
- The applicant explained that this would not be a viable option as this would significantly and negatively impact on the livelihood of the applicant.
- The applicant then requested to discuss other potential options for an offset agreement.
- The applicant commented that he would guarantee no development on the remaining land with good agricultural practices being implemented.
- The comment was made that other means of declaring protected areas was to consider a stewardship agreement in the form of declaring a Nature Reserve or Protected Environment in accordance with Sections 23 or 28 of the National Environmental Management: Protected Areas Amendment Act (Act 21 of 2014).

- The applicant also indicated that he had additional land to the north of the proposed project areas.
- The comment was however made that this was not in close proximity to any formally protected areas and would therefore provide a less suitable option for offsetting.
- The question was raised by the applicant as to why an offset area would be required and whether this had been formally recommended by the competent authority.
- The response from the ecological specialist was that although it had not been officially recommended by the competent authority in the Scoping Phase approval letters, the residual impacts triggered the requirement for an offset area and the competent authority had verbally recommended during post-Scoping Phase approval deliberations that a Draft Offset Report be submitted during the EIA phase.
- The process of determination of Critical Biodiversity Areas by the competent authority was explained by E Swart. It was explained that such areas represent irreplaceable or near irreplaceable areas for reaching certain minimum required provincial biodiversity targets.
- It was recommended that a suitably experienced independent offset specialist be consulted by the applicant in order to assist with the offset negotiation processes.
- The response from the ecological specialist was that he had been appointed to independently conduct the offset feasibility assessment and compile a draft report for inclusion during the EIA phase.
- The question was then raised regarding the relevant experience of the specialist and how many offset reports he had previously compiled.
- The response from the ecological specialist was that he had not completed any prior offset reports but that he had attended the Offset Policy training course presented by SANBI. The draft report would also be reviewed by another experienced specialist prior to submission.
- The recommendation was still made that the applicant appoint a suitably experienced independent offset specialist to assist with the offset negotiation processes.
- The comment was made that all the EIA documentation would be intensely reviewed by the relevant in-house specialists of the competent authority and SANParks in order to provide comment.
- The question was raised as to what the status/purpose of the meeting was.
- It was explained that the meeting served as a pre-EIA submission meeting in order to discuss potential feasibility of a proposed offset area.

- The meeting was assured that all parties present would be adequately notified of the commencement of the EIA phase PPP which is expected to commence within a months' time.
- All parties at the meeting were thanked for their attendance and the meeting was adjourned.

SANParks, Mokala National Park and DENC meeting attendance register held by Ecological Specialist



EcoFocus Consulting (Pty) Ltd
 Registration : 2017/223847/07
 7 Edenglen, Waterberg Street, Langenhovenpark, Bloemfontein, 9330
 T 072 230 9598
 E ajhlamprecht@gmail.com

Meeting Attendance Register
Mokala National Park Expansion

Date: 2018/05/21

Initials & Surname	ID Number	Company/Entity	Designation	Contact Number	Email address	Signature
AJH Lamprecht	8707275043083	Eco Focus	Ecologist	0722309591	ajhlamprecht@gmail.com	<i>[Signature]</i>
J. Lawrence	530214501908	Idstone	Farmer	0823284615	lawrencefrank@gmail.com	<i>[Signature]</i>
R. Laanman	8603285097088	Idstone	Farmer	0722209255	Roscoe@idstone.co.za	<i>[Signature]</i>
C. Bissell	7501160050080	SANParks	Regional Ecologist	083 661 2871	christine.bissell@sanparks.org	<i>[Signature]</i>
Sid de Kock	8711235135081	SANParks	Park Planning	0829092913	sid.de.kock@sanparks.org	<i>[Signature]</i>
E. Arent		DENC	RDS	653 807 7681	elsabr.dke@gmail.com	<i>[Signature]</i>
H. Bessendenker	N/A	SANParks	Nat Ecologist	082 908 2857	hugo.bessendenker@sanparks.org	<i>[Signature]</i>
W. Koenig	N/A	SANParks	Agri Technicians	083 640 5298	wkoenig@sanparks.org	<i>[Signature]</i>
S. de Venter	785095030099	SANParks	Nat Ranger	082 335 1371	johan.deventer@sanparks.org	<i>[Signature]</i>

Leave a future behind

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 T 072 230 9598
 E ajhlamprecht@gmail.com

Proof of Hard Copy deliveries

Hard Copy delivery to Mr. H.F. Nel (Municipal Manager at Siyancuma Local Municipality)



Acknowledgement of Receipt

To: Municipal Manager, Mr. H.F. Nel

Hereby Margareth Adams, acknowledge receipt of one (1) hard copy of the Draft Scoping Report for comment for the proposed cultivation of 7.65 ha vergin soil for the establishment of 17 seed potato pivots on the farm Zulani no. 167, near Douglas, Northern Cape Province.

Date 28/11/2017

Please sign [Signature]

Directors: WA Botes - Financial Director | J Botes - Managing Director | PS Kofe - Marketing Director
☎ +27 (0)51 436 1251 ☎ +27 (0)86 592 2262 ✉ info@eco-con.co.za 🌐 www.eco-con.co.za
Postal address: P.O.Box 29262, Dan Hof, Bloemfontein, 9310
Reg no.: 2017/232414/07



Hard Copy delivery to Mr. K. Sekwaila (Northern Cape Department of Water and Sanitation)



Acknowledgement of Receipt

To: Commenting Authority for the region, Mr. Khutjo Sekwaila

Hereby I Pulane ngakane, acknowledge receipt of one (1) hard copy and one (1) soft copy of the Draft Scoping Report for comment for the proposed cultivation of 765 ha vergin soil for the establishment of 17 seed potato pivots on the farm Zulani no. 167, near Douglas, Northern Cape Province.

Date 28/11/2017

Please sign [Signature]

Directors: WA Botes - Financial Director | J Botes - Managing Director | PS Kote - Marketing Director

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Hard Copy delivery to Me. Beryl Wilson (McGregor Museum)



Acknowledgement of Receipt

To: McGregor museum, Me. Beryl Wilson

Hereby I Heidi Fötscher, acknowledge receipt of one (1) hard copy and one (1) soft copy of the Draft Scoping Report for comment for the proposed cultivation of 765 ha vergin soil for the establishment of 17 seed potato pivots on the farm Zulani no. 167, near Douglas, Northern Cape Province.

Date 29/07/17

Please sign [Signature]

Directors: WA Bates - Financial Director | J Bates - Managing Director | PS Kale - Marketing Director

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Reg no.: 2017/232414/07



Hard Copy delivery to Dr. Hugo Bezuidenhout (SANPARKS)



Acknowledgement of Receipt

To: Specialist Vegetation Ecologist, Dr. Hugo M. Bezuidenhout

Hereby I Hendrik Sithole, acknowledge receipt of two (2) soft copies of the Draft Scoping Report for comment for the proposed cultivation of 7 65 ha vergin soil for the establishment of 17 seed potato pivots on the farm Zulani no. 167, near Douglas, Northern Cape Province.

Date 28/11/2017

Please sign _____

Directors: WA Botes - Financial Director | J Botes - Managing Director | PS Kote - Marketing Director

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Reg no.: 2017/232414/07



Hard Copy delivery to DENC (Competent Authority)



Acknowledgement of Receipt

To: DENC

Hereby I Gail Letimela, acknowledge receipt of two (2) hard copies and two (2) soft copies of the Application for Environmental Authorisation Form for the proposed cultivation of 765 ha virgin soil for the establishment of 17 seed potato pivots on the farm Zulani no. 167, near Douglas, Northern Cape Province

Date 28-11-2017

Please sign Gail Letimela

Directors: WA Botes - Financial Director | J Botes - Managing Director | PS Kole - Marketing Director

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Reg no.: 2017/232414/07



Hard Copy delivery to Mr. Tulani Mthombeni (DENC - Competent Authority)



Acknowledgement of Receipt

To: Environmental Impact Assessment Department, Mr. Thulani Mthombeni

Hereby I Seal Letwela, acknowledge receipt of one (1) hard copy and one (1) soft copy of the Draft Scoping Report for comment for the proposed cultivation of 765 ha vergin soil for the establishment of 17 seed potato pivots on the farm Zulani no. 167, near Douglas, Northern Cape Province.

Date 28-11-2017

Please sign Seal Letwela

Directors: WA Botes - Financial Director | J Botes - Managing Director | PS Kole - Marketing Director

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Reg no.: 2017/232414/07



Hard Copy delivery to Me. Natalie Uys (DENC - Competent Authority)




Acknowledgement of Receipt

To: Ecological and Botanical Department, Me. Natalie Uys

Hereby I NATALIE UYS, acknowledge receipt of one (1) hard copy and one (1) soft copy of the Draft Scoping Report for comment for the proposed cultivation of 765 ha vergin soil for the establishment of 17 seed potato pivots on the farm Zulani no. 167, near Douglas, Northern Cape Province.

Date 28/11/2017

Please sign 

Directors: WA Botes - Financial Director | J Botes - Managing Director | PS Kote - Marketing Director

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Postal address: P.O.Box 29262, Dan Hof, Bloemfontein, 9310

Reg no.: 2017/232414/07



Hard Copy delivery to Mr. Chris Groenewald (Siyancuma Local Municipality)



Acknowledgement of Receipt

To: Environmental Department, Mr. Chris Groenewald

Hereby I K.A. du Plessis, acknowledge receipt of one (1) hard copy of the Draft Scoping Report for comment for the proposed cultivation of 765 ha vergin soil for the establishment of 17 seed potato pivots on the farm Zulani no. 167, near Douglas, Northern Cape Province.

Date 28.11.2017

Please sign 

Directors: WA Botes - Financial Director | J Botes - Managing Director | PS Kote - Marketing Director

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Postal address: P.O.Box 29262, Dan Hof, Bloemfontein, 9310

Reg no.: 2017/232414/07



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Kimberley
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CUSTOMS VALUE HAZARDOUS CARGO? YES <input type="checkbox"/> NO <input type="checkbox"/> INSURANCE YES <input type="checkbox"/> NO <input type="checkbox"/> AMOUNT:		WE HAVE SEEN AND AGREE TO THE STANDARD CONDITIONS OF CARRIAGE OF GLOBEFLIGHT WORLDWIDE EXPRESS SIGNATURE: DATE: TIME:		RECEIVED BY GLOBEFLIGHT WORLDWIDE EXPRESS PRINT NAME: SIGNATURE: DATE: TIME:	
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IMPACT ASSESSMENT PHASE 30 PUBLIC PARTICIPATION PERIOD

Appendix E3: Comments and Response Report

Comments Received during the Scoping 30 Day PPP

Number	Organisation	Name	Tel/Cell	Email
1.	South African Heritage Recourses Agency (SAHRA)	Me. Natasha Higgitt	021 462 4502	nhiggitt@sahra.org.za
Comments Received:	<p>SAHRA Archaeology, Palaeontology and Meteorites (APM) Unit requests that the Scoping Report appendices, the draft EIA and all appendices must be submitted to the case application on SAHRIS so that an informed comment can be issued.</p> <p>Further comments will be issued upon receipt of the above.</p> <p>Should you have any further queries, please contact the designated official using the case number quoted</p>			
Response from EAP:	<p>Good day Natasha</p> <p>Hope all is well?</p> <p>Thank you very much for the email. Comments received.</p> <p>As per our telephonic discussion, your comments require the Draft Impact Assessment report also to be submitted in order for you to provide an informed decision / comment on the projects.</p> <p>Due to this being the scoping phase, we will first await approval on the Scoping phase before compiling the Draft Impact Assessment report.</p> <p>Once complete, all relevant and required documentation will be forwarded to you as per your request.</p> <p>If we receive negative feedback / rejection on the scoping report, this will also be forwarded to your offices.</p> <p>Please let me know if the above will suffice.</p> <p>Kind regards</p>			
Feedback received based on EAP response	<p>Good morning,</p> <p>Thank you for updating SAHRA on the development applications.</p> <p>We await further documentation regarding the project with regards to the approval/rejection of the Scoping Report, and if approved, the Draft EIA and appendices.</p>			

	Kind Regards			
Number	Organisation	Name	Tel/Cell	Email
2.	Northern Cape Department of Water and Sanitation	Me. Refilwe Damane	053 836 2233	damaner@dws.gov.za
Comments Received:	<p>The Department of Water and Sanitation acknowledges receipt of a draft scoping report for the proposed project. The document we then reviewed with reference to the National Water Act (Act No. 36 of 1998) and the following are the comments.</p> <ul style="list-style-type: none"> • <u>Distance from Watercourses:</u> <p>The department rates all perennial and non-perennial rivers together with all dry river beds and natural drainage and associated riparian areas extremely sensitive to development. An option of developing furthest away from all watercourses would be the prefer option.</p> <p>No development should be done within 100 m or 1:100-year flood line of any water course and 500m of wetlands without authorisation from the Department. The Watercourse should be delineated in order to provide appropriate buffer to maintain such water course. The delineation should be don according to the appropriate Department of Water and Sanitation delineation document.</p> <p>The construction camp shall not be located within the 1:100-year flood line or within a horizontal distance of 100m from any watercourse. Operation and storage of equipment within the riparian zone must be limited as far as possible.</p> <p>Vehicles and other machinery must be services well above the 1:100-year flood line or within a horizontal distance of 100m from any watercourse. Oils and other potential pollutants must be disposed of at an appropriate licensed site with the necessary agreement from the owner of such site.</p> <ul style="list-style-type: none"> • <u>Storm Water Management:</u> <p>Any storm water must be diverted from the construction works and roads and must be managed in such a manner as to disperse runoff and to prevent the concentration of storm water flow. Where necessary, works must be constructed to attenuate the velocity of storm water discharge and to protect the banks of the watercourse. Storm water control must be constructed, operated and maintained in a suitable manner through the project.</p> <p>Increase runoff due to vegetation clearance and/or soil compaction must be manage, and steps must be taken to ensure that storm water does not lead to bank instability and excessive levels of silt entering the watercourse. Strom water leaving the construction site must in no way be contaminated by any substance, whether such substance is a solid, liquid, vapour or gas or a combination thereof which is produced, used, stored, dumped, or spilled on the premises.</p>			

- **Invasive Alien Vegetation:**

Alien invasive species that were identified within the study area and in specific along the final route alignment should be removed prior to construction-related soil disturbances. By removing these species, the spread of seed will be prevented into disturbed soils. All alien seedlings and samplings must be removed as they become evident for the duration of the construction. All construction vehicles and equipment, as well as construction material should be free of plant material. Therefore, all equipment and vehicles should be thoroughly cleaned prior to access on the construction areas. This should be verified by the ECO.

- **Design and Layout alternatives:**

A detailed layout plan needs to be submitted to our Department showing all facilities in the proposed development, distances from any watercourses and bathroom facilities.

Details of the final design must also be supplied as soon as a decision has been made, as the details of this factor will influence the environmental impact both during the construction and operational phases of the project.

- **Construction:**

Details of the actual construction method must be stated as soon as possible, as this may significantly impact on the type and quantity of the construction waste and impacts on the water resources.

Material with pollution generating potential must be limited in any construction activities. Any hazardous substances must be handled according to the relevant legislation relating to transport, storage, and use of the substance.

Any spillages of any hazardous material including diesel that may occur during construction and operation must be reported immediately to our department.

Please be informed that construction water may not be obtained from any water resource without the necessary authorisation. The Department noted the intention the department notes the intention to source water from local municipalities. Please provide proof of such an agreement to the Department prior to commencement.

- **Waste Management:**

Rubbish bins and Enviro loo/mobile toilets must be there and enough for the people on site during construction. A letter of consent from a registered waste facility to allow contractor to empty the toilet at their sewer system should be submitted to our department.

All sewage, grey and wash water, as well as any waste generated during the construction phase of the facilities will be collected, contained and disposed of at the permitted and / or licensed facilities of the Local Authority and this must please be confirmed in writing by the local authority.

- **Rehabilitation:**

Soils that have become compacted through the activities of the development must be loosened to an appropriate depth to allow seed germination. The necessary erosion prevention mechanisms must be employed to ensure the sustainability of all structures and activities and to prevent in-stream sedimentation.

- **Water Use Entitlement:**

Please take note that authorisation (in terms of Section 21 of the NWA) from the Department of will be required prior to commencement of the project should the following water uses be triggered by the proposed activity.

Water Use	Example
a) Taking water from a water resource	Abstracting water from a river or borehole for the following purposes.
c) Impeding or diverting the flow of water in a watercourse.	Construction of structures/facilities within a water course (perennial and non-perennial). This means that no development should be done within 100 m or 1:100 year flood line of any water course and 500m of wetlands.
i) Altering the bed, banks, courses or characteristics of a watercourse.	Construction of structures/facilities within a water course (perennial and non-perennial). This means that no development should be done within 100 m or 1:100 year flood line of any water course and 500m of wetlands.

In addition, a site inspection should be conducted prior to commencement of the activity by a departmental official to verify all water uses that might be triggered by the activity.

- **Conclusion:**

	<p>Should the above issues be considered and all the requested documentation be submitted, the Department of Water and Sanitation has no objections to the proposed development.</p>
<p>Response from EAP:</p>	<p>Eco-Con Environmental acknowledge receipt of your comments/letter date 10 January 2018. Eco-Con Environmental reviewed/read through the comments received and below follows our response:</p> <ul style="list-style-type: none"> • <u>Distance from Watercourses:</u> <p>Your comments have been reviewed and Eco-Con Environmental will include these comments/conditions within the Environmental Management Plan to be submitted with the Draft Impact Assessment report once approval has been obtained for the Scoping report.</p> <ul style="list-style-type: none"> • <u>Storm Water Management:</u> <p>Your comments have been reviewed and Eco-Con Environmental will include these comments/conditions within the Environmental Management Plan to be submitted with the Draft Impact Assessment report once approval has been obtained for the Scoping report.</p> <ul style="list-style-type: none"> • <u>Invasive Alien Vegetation:</u> <p>Your comments have been reviewed and Eco-Con Environmental will include these comments/conditions within the Environmental Management Plan to be submitted with the Draft Impact Assessment report once approval has been obtained for the Scoping report.</p> <ul style="list-style-type: none"> • <u>Design and Layout alternatives:</u> <p>The final designs and layout out alternatives will be submitted to your office during the Public Participation period on the Draft Impact Assessment report.</p> <ul style="list-style-type: none"> • <u>Construction:</u> <p>Full details regarding the construction process have been provided under section 5.2.1 and 5.2.2 of the scoping report. This will again be included in the Draft Impact Assessment report which will be submitted to your office during the Public participation period on the Draft Impact Assessment report.</p> <p>Further to the above. Your comments have been reviewed and Eco-Con Environmental will include these comments/conditions within the Environmental Management Plan to be submitted with the Draft Impact Assessment report once approval has been obtained for the Scoping</p>

	<p>report.</p> <ul style="list-style-type: none"> • <u>Waste Management:</u> <p>Your comments have been reviewed and Eco-Con Environmental will include these comments/conditions within the Environmental Management Plan to be submitted with the Draft Impact Assessment report once approval has been obtained for the Scoping report.</p> <ul style="list-style-type: none"> • <u>Rehabilitation:</u> <p>Your comments have been reviewed and Eco-Con Environmental will include these comments/conditions within the Environmental Management Plan to be submitted with the Draft Impact Assessment report once approval has been obtained for the Scoping report.</p> <ul style="list-style-type: none"> • <u>Water Use Entitlement:</u> <p>Eco-Con Environmental was also appointed to assist the client with the Water Use License Applications. This application will be submitted to the Department once all documentation, including the Environmental Authorisation and Ploughing Certificate, have been obtained.</p> <ul style="list-style-type: none"> • <u>Conclusion:</u> <p>Thank you very much for providing your comments to Eco-Con Environmental. Eco-Con environmental will ensure that all these comments have been address during the different stages of the project.</p>			
Number	Organisation	Name	Tel/Cell	Email
3.	SANParks	Mr. Lucius Moolman – Reginal Manager - Arid Region	012 426 5000	lucius.moolman@sanparks.org

To develop, expand, manage and promote a system of sustainable national parks that represent biodiversity and heritage assets, through innovation and best practice for the just and equitable benefit of current and future generations.



MONP/16/3/1

7 June 2018

Mr Johan Botes
 ECO-CON
 Po Box 29262
 Dan Hof
 Bloemfontein
 9310

addo elephant

agulhas

augrabies

hontebok

camdeboo

golden gate highlan

karoo

kgalagadi transfor

kaysha lake area

kruger

mapungubwe

marakele

mokala

mountain zebra

namaqua

table mountain

tanora karoo

tsitsikamma

richtersveld

west coast

wilderness

COMMENTS ON THE ENVIRONMENTAL APPLICATIONS FOR THE PROPOSED CULTIVATION AND THE ESTABLISHMENT OF POTATO FARMING ON THE PROPERTIES- LORRAINE 100, BANKS DRIFTS NO 164 AND PORTION 1 OF CHRISTIAANS DRIFT NO 166 (ALL TOGETHER) AS WELL AS FARM ZULANI NO 167 IN THE DOUGLAS AREA

Following the review of the Scoping Reports for the said properties as well as a preliminary consultation process towards possible offsets held on the 21 May 2018 SANParks would like to comments on the proposed developments as follows;

For the properties Banks Drift no 164 together with portion 1 of Christians Drift no 166, as well as Farm Zulani no 167, SANParks is of the opinion that these developments do not fall within the footprint of Mokala National Park. SANParks will however support the outcome from DENC with regard to these two proposed developments.

Farm Lorraine no 100 is however falling within the footprint of Mokala National Park and concerns are raised which will therefore have a detrimental impact on the protected area if this development is authorized to go ahead. These concerns are;

1. It should be acknowledged that the proposed development (alternatives 1 and 2) on farm Lorraine no 100 falls within a Critical Biodiversity Area and within close proximity to the north western boundary of Mokala National Park, a declared protected area.
2. The proposed development on farm Lorraine no 100 also falls within the developing footprint of Mokala National Park and will have a detrimental effect on future expansion of Mokala National Park.
3. The presence of a rare and endangered vulture colony (white backed vultures) on the farm Lorraine no 100 is a serious concern as a national decline in numbers is observed. The area is also frequently visited by Cape Vultures. It should be noted that it is not only the breeding but also the habitat that will negatively impacted upon.
4. Two protected tree species occur on the farm Lorraine no 100 namely *Boscia albitrunca* (Shepherds Tree) and *Vachellia erioloba* (Camel Thorn). The *Vachellia erioloba* plant community is also threatened by development.

Comments Received:



To acquire and manage a system of national parks which represents the indigenous wildlife, vegetation, landscapes and significant cultural assets of South Africa for the pride and benefit of the nation.

5. The proposed development will also have a negative impact on the soil structure as a result of ploughing, fertilizing and use of chemicals for weed control. Irrigation may also result in higher than normal leaching of nutrients out of the soil which may change the chemical composition of the soil which will lead to soil degradation.
6. The clearing of vegetation and occurrences of heavy rain and thunderstorms will result in higher soil loss which will in return impact negatively on the water quality delivered from the catchment to the Riet River.

Due to the concerns raised above, SANParks will not support the development as proposed on farm Lorraine no 100.

Yours truly

.....
 Lucius Moolman
 Regional General Manager – Arid Region
 South African National Parks

12/6/2018
 Date

- addo elephant
- agulhas
- augrabies
- bontebok
- cape peninsula
- golden gate highlands
- karoo
- kgalagadi transfrontier
- knysna lake area
- kruger
- marakele
- mountain zebra



South African National Parks (SANParks)
P.O. Box 787
Pretoria
0001

(T) 021 426 5000
(F) 012 343 0905

28 June 2018

To: Mr. Lucius Moolman (Regional Manager – Arid Region)

RE: FEEDBACK ON COMMENTS ON THE ENVIRONMENTAL APPLICATIONS FOR THE PROPOSED CULTIVATION AND THE ESTABLISHMENT OF POTATO FARMING ON THE PROPERTIES – LORRAINE100, BANKS DRIFT 164, AND PORTION 1 OF THE FARM CHRITIAANS DRIFT 166 AS WELL AS FARM ZULANI 167 IN THE DOUGLAS AREA

Eco-Con Environmental acknowledge receipt of your comments/letter date 12 June 2018. Eco-Con Environmental reviewed/read through the comments received and below follows our response:

Paragraph 2 of your letter date 12 June 2018 states: *“For the properties Banks Drift no 164 together with portion 1 of Christiaans Drift no 166, as well as Farm Zulani no 167, SANParks is of the opinion that these developments do not fall within the footprint of Mokala National Park. SANParks will however support the outcome from DENC with regard to these two proposed developments.”*

Eco-Con Environmental thank you for your feedback to the above mentioned two developments. This will be communicated to DENC.

Paragraph 3, together with the concerns numbered 1 to 6, of your letter date 12 June 2018 states: *“Farm Lorraine no 100 is however falling within the footprint of Mokala National Park and concerns are raised which will therefore have a detrimental impact on the protected area if this development is authorised to go ahead. These concerns are:*

1. *It should be acknowledged that the proposed development (alternatives 1 and 2) on farm Lorraine no 100 falls within a Critical Biodiversity Area and within close proximity to the north western boundary of Mokala National Park, a declared protected area.*
2. *The proposed development on the farm Lorraine no 100 also falls within the development footprint of Mokala National Park and will have a detrimental effect on future expansion of Mokala National Park.*
3. *The presence of a rare and endangered vulture colony (white backed vultures) on the farm Lorraine no 100 is a serious concern as a national decline in numbers is observed. The area is also frequently visited by Cape Vultures. It should be noted that it is not only the breeding but also the habitat that will be negatively be impacted upon.*

Response from EAP:



4. *Two protected tree species occur on the farm Lorraine no 100 namely Boscia Albitranca (Shepherds Tree) and Vachellia erioloba (Camel Thorn). The Vachellia erioloba plant community is also threatened by development.*
5. *The proposed development will also have a negative impact on the soil structure as a result of ploughing, fertilizing and use of chemicals for weed control. Irrigation may also result in higher than normal leaching of nutrients out of the soil which may change the chemical composition of the soil which will lead to soil degradation.*
6. *The clearance of vegetation occurrences of heavy rain and thunderstorms will result in higher soil loss which will in return impact negatively on the water quality delivered from the catchment to the Riet River*

Due to the concerns raised above, SANParks will not support the development as proposed on farm Lorraine 100."

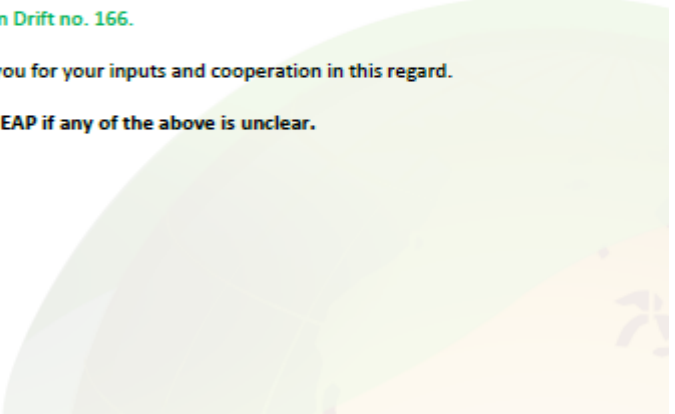
Based on your comments above, regarding the farm Lorraine no 100, Eco-Con Environmental is pleased to announce that as a result of the significantly high sensitivity of the farm Lorraine no 100, the client, in collaboration with the Independent EAP and Ecological Specialist, have decided to withdraw the farm Lorraine no 100 from the application to develop. In other word, development will not proceed on the farm Lorraine no 100. Lorriane no 100 will in return form part of the Biodiversity Offset report for the other two projects on the farm Zulani 167 and the farms Banks Drift 164 and Portion 1 of the Farm Christiaan Drift no. 166.

Eco-Con Environmental thank you for your inputs and cooperation in this regard.

Please feel free to contact the EAP if any of the above is unclear.

Kind Regards

Johan Botes
082 459 8206
johan@eco-con.co.za



Number	Organisation	Name	Tel/Cell	Email
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4.	Birdlife South Africa	Mr. Jonathan Booth	011 789 1122	jonathan.booth@birdlife.org.za
<p>Comments Received:</p>	<p>Hi Rikus and Johan,</p> <p>Apologies for the late reply, last week ran away with me a bit.</p> <p>I’ve gone through all the documentation, and BirdLife South Africa would oppose the development unfortunately. As an organisation, we clearly appreciate the need for development in South Africa and, where possible, work with developers to ensure that impacts of development are properly mitigated so that development can proceed. However in this case we feel that it would not be possible to mitigate the impacts.</p> <p>We discussed the possible use of a biodiversity offset. Offset’s should only be used in accordance with the Mitigation Hierarchy, and this will be confirmed by the soon to be published National Biodiversity Offset Policy. The IFC Performance Standard 6 also requires the use of the Mitigation Hierarchy – see attached; the section titled Protection and Conservation of Biodiversity (especially points 16 – 18) are relevant. The IFC (International Finance Corporation) is the funding arm of the World Bank, and all banks that borrow from the World Bank (almost all SA banks) and those that have signed the Equator Principles (the four big SA banks have signed and comply with the Equator Principles) must comply with the IFC Performance Standard 6.</p> <p>As White-backed Vultures are Critically Endangered (http://www.iucnredlist.org/details/22695189/0), sections 16 – 18 of the IFC Performance Standard 6 are applicable, as copied in at the end of this email. The proposed project would not comply with these sections for the following reasons:</p> <ol style="list-style-type: none"> 1. The proposed site is of significant importance to a Critically Endangered species (both for breeding and foraging); 2. Viable alternatives within the region would exist for development on habitats that are modified or are not critical (i.e. don’t host White-backed Vulture nests, and are not important feeding grounds within the vicinity of nests); 3. The project would lead to measurable adverse impacts on the biodiversity values of the region; 4. It is likely that the project would lead to a net reduction in the population of White-backed Vultures by virtue of reducing the availability of suitable nesting habitat in the area, and by destroying the adjacent habitat on which they rely for foraging. The avifaunal reports have indicated that <i>the loss of suitable White-backed vulture habitat as a result of clearing of land for agricultural purposes is one of the reasons for the decline in vulture numbers worldwide (Bunning, 1985), vulture conservation should not only focus to protect individuals or known nesting aggregations, but rather to protect the larger preferred breeding and foraging habitat of the species of the size of the section of available suitable habitat. This will ensure a sustainable future for the species and prevent isolation of breeding colonies.</i> Thus although not all of the proposed development will have direct impacts on White-backed Vulture nests, it is highly likely that all of the proposed development (for all 3 sites, singularly or collectively) will result in negative population impacts due to the loss of suitable habitat. 			

Further, due to the likely availability of alternatives (both alternative sites, and alternative low disturbance agriculture – e.g. grazing lands for cattle), the use of Biodiversity Offsets cannot be considered within the IFC Performance Standard 6 framework. BirdLife South Africa’s policy is to oppose developments that cannot meet these criteria and which will have a significant impact on threatened bird species. However it is likely that the aforementioned banks would take the same view – due to non-compliance with the IFC Performance Standards – and would not finance this development.

In terms of the EIA legislation, BirdLife South Africa would argue that the proposed development is fatally flawed due to the high likelihood of globally significant and irreversible impacts on a Critically Endangered species, and that Biodiversity Offsets cannot be considered as a mitigation measure as alternative sites for development are likely to exist, and alternative forms of agriculture for the site would also exist.

We highly appreciate the stance you have taken in suggesting that an avian impact assessment is done before the full EIA process is launched, and before the farmer is heavily committed to the project. Please call or email me if you have any questions about this.

Kind regards,

Jonathan Booth

Critical Habitat

16. Critical habitats are areas with high biodiversity value, including (i) habitat of significant importance to Critically Endangered and/or Endangered¹¹ species; (ii) habitat of significant importance to endemic and/or restricted-range species; (iii) habitat supporting globally significant concentrations of migratory species and/or congregatory species; (iv) highly threatened and/or unique ecosystems; and/or (v) areas associated with key evolutionary processes.

17. In areas of critical habitat, the client will not implement any project activities unless all of the following are demonstrated:

- No other viable alternatives within the region exist for development of the project on modified or natural habitats that are not critical;
- The project does not lead to measurable adverse impacts on those biodiversity values for which the critical habitat was designated, and on the ecological processes supporting those biodiversity values;¹²
- The project does not lead to a net reduction in the global and/or national/regional population¹³ of any Critically Endangered or Endangered species over a reasonable period of time;¹⁴ and
- A robust, appropriately designed, and long-term biodiversity monitoring and evaluation program is integrated into the client's management program.

18. In such cases where a client is able to meet the requirements defined in paragraph 17, the project's mitigation strategy will be described in a Biodiversity Action Plan and will be designed to achieve net gains¹⁵ of those biodiversity values for which the critical habitat was designated.

	<p>Jonathan Booth</p> <p>Advocacy Officer</p> <p>Policy & Advocacy Programme</p>
<p>Response from EAP:</p>	<p>Good day Jonathan</p> <p>Hope all is well?</p> <p>Sorry for the late reply, there were numerous issues / inputs / mitigations that had to be taken up with all relevant departments / stakeholders and the client.</p> <p>Regarding your comments below, thank you very much for your time to provide feedback and inputs to these studies.</p> <p>Eco-Con Environmental is pleased to announce that as a result of the significantly high sensitivity of the farm Lorraine no 100, the client, in collaboration with the Independent EAP and Ecological Specialist, have decided to remove the farm Lorraine no 100 from the application to develop. In other word, development will not proceed on the farm Lorraine no 100.</p> <p>This will leave the most pristine area in an undeveloped state.</p> <p>However, the client would like to proceed with the applications on the Farm Zulani no 167 and the farm Bank Drift 164 and portion 1 of the Farm Christiaans Drift no 166.</p> <p>On the Farm Banks Drift and portion 1 of the Farm Christiaans Drift no 166, no Vulture nests were identified, however, on the Farm Zulani, 6 active nests were identified.</p> <p>As a result, the client, based on our inputs, have decided to proceed with these studies on condition that a Biodiversity Offset Report be compiled. The Farm Lorraine no 100 is also included in the offset report to be formally protected in the future.</p> <p>This Biodiversity Offset Report is now complete and will run with the Impact Assessment phase a 30 day public participation period.</p> <p>You will be informed of the availability of these reports, once we are ready to submit, and we ask of you to please review the final impact assessment reports and the offset reports compiled.</p> <p>Your comments, either positive or negative, will then be included in the Final Impact Assessment report which will be submitted to DENC for</p>

	<p>their decision making process.</p> <p>Again thank you very much.</p> <p>Have a great day</p> <p>Kind regards</p> <p>Johan Botes</p>
--	--

Appendix E4: Proof of Written Notification to Governmental Authorities

Email Delivery Receipts to all stakeholders

Email Sent to all stakeholders

From: Johan
To: "perm@ecocn.co.za"; "info@ecocn.co.za"; "greenwald@ecocn.co.za"; "patrickm@ecocn.co.za"; "mm@ecocn.co.za"; "p@ecocn.co.za"; "Natalie@ecocn.co.za"; "Mthombeni"; "h@ecocn.co.za"; "khan@ecocn.co.za"; "Sekwiba_Kwena_Khubo (KBY)"; "Tony Olyn"; "belinda@ecocn.co.za"; "Candice.stevens@birdlife.org.za"; "Pbiley ka Seme District Municipality"; "Chris Groenewald"
Subject: Zulani Agricultural Development - 30 day Public Participation period start
Date: Wednesday, 29 November 2017 8:15:00 AM
Attachments: Image002.png

Dear Stakeholder / Interested and Affected Parties / Organs of State

RE: Zulani Agricultural Development - 30 day Public Participation Period

Eco-Con Environmental has been appointed by Idstone farming (Pty) Ltd. to undertake the Legislative required Scoping and Environmental Impact assessment Applications for their proposed Project.

In accordance with Listing Notice 983 or the National Environmental Management Act (Act 107 of 1998) (NEMA) EIA Regulations of December 2014, Eco-Con Environmental is conducting a Public Participation Process to engage with stakeholders / interested and affected parties / organs of state on the matter.

As part of the Public Participation Process, Eco-Con Environmental identified your organisation as a participant in the process and would like to invite you to act hereto.

Hereby you are given the opportunity to provide us with your comments / concerns and / or questions regarding the proposed project.

We kindly request you to download the report with the appendices from our website (www.eco-con.co.za/projects) or alternatively, please click on the link: <http://eco-con.co.za/projects/>

The **30 day** public participation period is open from **27 November 2017 to 19 January 2018** (excluding the period 15 December to 5 January). Please ensure your feedback is provided prior to the closure of the participation period.

Once the 30 day Public Participation period is conclude, all comments and feedback will be compiled in a comments and responses report which will be submitted to the Department for review in their decision making process.

If you know of any other individuals or organs of state that should be notified on this process, please provide their contact information as soon as possible so we can contact them.

We look forward to engaging with you further on this matter.

Kind regards

Johan Botes
 082 459 8206 / johan@eco-con.co.za



JOHAN BOTES
 MANAGING DIRECTOR (MD)

B.A. Honours in Geography (UFS)
 B.A. Geography and Environmental
 Management (UFS)
 IAIA'sa Reg.: 4043 / AIS Reg.: 1032

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+27 (0)86 592 2282 www.eco-con.co.za

Read Receipt from Candice Stevens (Birdlife South Africa):

From: [Candice Stevens](#)
To: ["Johan"](#)
Subject: Read: Zulani Agricultural Development - 30 day Public Participation period start
Date: Wednesday, 29 November 2017 8:45:05 AM

Your message

To: geraldine@siyancuma.gov.za; douglas@siyancuma.gov.za; groenewald@siyancuma.co.za; patrickmcklein@gmail.com; mm@pkstdm.gov.za; pixley@telkomsa.net; Natalie Uys; 'TMthombeni'; hrouxx@gmail.com; khannie@ncpg.gov.za; 'Sekwaila Kwena Khutjo (KBY)'; 'Tony Olyn'; belindag@ewt.org.za; Candice.stevens@birdlife.org.za
Subject: Zulani Agricultural Development - 30 day Public Participation period start
Sent: 2017/11/29 8:15 AM
was read on 2017/11/29 8:43 AM.

Read Receipt from Chris Groenewald (Siyancuma Local Municipality):

From: [Chris Groenewald](#)
To: ["Johan"](#)
Subject: Read: Zulani Agricultural Development - 30 day Public Participation period start
Date: Thursday, 30 November 2017 7:51:55 AM
Attachments: [Read_Zulani Agricultural Development - 30 day Public Participation period start.txt](#)

Your message

To: Unknown
Subject:

Read Receipt from Pixley ka Sema District Municipality:

From: [Pixley ka Seme District Municipality](#)
To: ["Johan"](#)
Subject: Read: Zulani Agricultural Development - 30 day Public Participation period start
Date: Wednesday, 29 November 2017 8:30:55 AM
Attachments: [Read_Zulani Agricultural Development - 30 day Public Participation period start.txt](#)

Your message

To: Unknown
Subject:

Read Receipt from Tony Olyn (NC Department of Minerals and Resources):

From: [Tony Olyn](#)
To: [Johan](#)
Subject: Read: Zulani Agricultural Development - 30 day Public Participation period start
Date: Friday, 01 December 2017 10:09:51 PM

Your message

To: Tony Olyn
Subject: Zulani Agricultural Development - 30 day Public Participation period start
Sent: Wednesday, November 29, 2017 8:15:10 AM (UTC+02:00) Harare, Pretoria
was read on Friday, December 01, 2017 8:04:07 AM (UTC+02:00) Harare, Pretoria.

Correspondence received from Northern Cape Department of Water and Sanitation



water & sanitation

Department:
Water and Sanitation
REPUBLIC OF SOUTH AFRICA

Northern Cape Provincial Operations
Private Bag X 6101, Kimberley, 8301
28 Central Road Beaconsfield Kimberley
Tel: 053 836 7600, Fax: 053 842 3256, Email: wma10@dws.gov.za

F	053 830 8825	✉	Refilwe Damane (Cand.Sci.Nat.)
E	damaner@dws.gov.za	☎	053 836 2233
		✉	By Registered Mail

ECO-CON ENVIRONMENTAL

P O Box 29262

Dan Hof

Bloemfontein

9310

Attention: Mr. Johan Botes

RE- PROPOSED CULTIVATION OF 765 HA VIRGIN SOIL FOR THE ESTABLISHMENT OF 17 SEED POTATO FARMING PIVOTS AND ASSOCIATED WATER PIPELINES ON THE FARM ZULANI NO.167 NEAR DOUGLAS, NORTHERN CAPE

1. Background

The Department of Water and Sanitation acknowledges receipt of a draft scoping report for the proposed cultivation of 765 ha virgin soil for the establishment of 17 seed potato farming pivots and associated water pipelines on the farm Zulani no. 167 near Douglas, Northern Cape. The document was then reviewed with reference to the National Water Act (Act No. 36 of 1998) and the following are the comments.

The Department takes note that the proposed activity at the above mentioned locations will include:

- The establishment of seventeen (17) 45 ha seed potato farming pivots on the farm of previously uncultivated land.

- The construction of a new extraction point with pumping system in the Riet River on the remainder of the farm Zulani no.167.
- The construction of a 315mm pipeline of approximately 1.4 km in length for the transportation of water from the extraction point in the Riet River to a booster pump and from there with 250mm and 315mm pipelines directly into the pivots.

2. Distance from the water course

Please note that our Department rates all perennial and non-perennial rivers together with all dry river beds and natural drainage and associated riparian areas extremely sensitive to development. An option of developing furthest away from the all water course would be the preferred option.

Please note that no development should be done within 100 m or 1:100 year flood line of any water course and 500m of wetlands without authorisation from our Department. The water courses should be delineated in order to provide appropriate buffer to maintain such water course. The delineation should be done according to the appropriate Department of Water and Sanitation's delineation document.

The construction camp shall not be located within the 1:100 year flood line or within 100 meters whatever is the greatest from any watercourse. Operation and storage of equipment within the riparian zone must be limited as far as possible.

Vehicles and other machinery must be serviced well above the 1:100 year flood line or within a horizontal distance of 100 meters from any watercourse or estuary. Oils and other potential pollutants must be disposed of at an appropriate licensed site, with the necessary agreement from the owner of such a site.

3. Storm Water management

Any storm water must be diverted from the construction works and roads and must be managed in such a manner as to disperse runoff and to prevent the concentration of storm water flow. Where necessary, works must be constructed to attenuate the velocity of the storm water discharge and to protect the banks of the watercourse. Storm water control works must be constructed, operated and maintained in a sustainable manner throughout the project.

Increased runoff due to vegetation clearance and/or soil compaction must be managed, and steps must be taken to ensure that storm water does not lead to bank instability and excessive levels of

silt entering the watercourse. Storm water leaving the construction site must in no way be contaminated by any substance, whether such substance is a solid, liquid, vapour or gas or a combination thereof which is produced, used, stored, dumped or spilled on the premises.

4. Invasive alien vegetation

Alien invasive species that were identified within the study area and in specific along the final route alignment should be removed prior to construction-related soil disturbances. By removing these species, the spread of seeds will be prevented into disturbed soils. All alien seedlings and saplings must be removed as they become evident for the duration of construction. All construction vehicles and equipment, as well as construction material should be free of plant material. Therefore, all equipment and vehicles should be thoroughly cleaned prior to access on to the construction areas. This should be verified by the ECO.

5. Design and layout alternatives:

A detailed layout plan needs to be submitted to our Department showing all the facilities in the proposed development, distance from the any watercourses and bathroom facilities.

Details of the final design must also be supplied as soon as a decision has been made, as the details of this factor may influence the environmental impact both during the construction and operational phases of the project.

6. Construction

Details of the actual construction method must be stated as soon as possible, as it may significantly impact on the type and quantity of the construction waste and impact on the water resources.

Material with pollution generating potential must be limited in any construction activities. Any hazardous substances must be handled according to the relevant legislation relating to transport, storage and use of the substance.

Any spillage of any hazardous materials including diesel that may occur during construction and operation must be reported immediately to our Department.

Please be informed that construction water may not be obtained from any water recourse without the necessary authorization. The Department notes the intention to source water from local municipalities. Please provide proof of such agreements to the Department prior to commencement.

7. Waste Management

Rubbish bins and Enviro loo/mobile toilets must be there and enough for the people on site during construction. A letter of consent from a registered waste facility to allow contractor to empty the toilet facility at their sewer system should be submitted to our department.

All sewage, grey and wash water, as well as any waste generated during the construction phase of the facilities will be collected, contained and disposed of at the permitted and / or licensed facilities of the Local Authority and this must please be confirmed in writing by the local authority.

8. Rehabilitation

Soils that have become compacted through the activities of the development must be loosened to an appropriate depth to allow seed germination. The necessary erosion prevention mechanisms must be employed to ensure the sustainability of all structures and activities and to prevent in-stream sedimentation.

9. Water use entitlement

Please take note that authorisation (in terms of Section 21 of the NWA) from the Department will be required prior to commencement of the project should the following water uses be triggered by the proposed activity.

Water Use	Example
a) Taking water from a water resource	Abstracting water from a river or borehole for the following purposes.
c) Impeding or diverting the flow of water in a watercourse.	Construction of structures/facilities within a water course (perennial and non-perennial). This means that no development should be done within 100 m or 1:100 year flood line of any water course and 500m of wetlands.
i) Altering the bed, banks, courses or characteristics of a watercourse.	Construction of structures/facilities within a water course (perennial and non-perennial). This means that no development should be done within 100 m or 1:100 year flood line of any water course and 500m of wetlands.

In addition, a site inspection should be conducted prior to commencement of activity by a departmental official to verify all water uses that might be triggered by activity.

10. Conclusion

Should the above issues be considered and all the requested documentation be submitted, the Department of Water and Sanitation has no objection to the proposed development.


DIRECTOR: INSTITUTIONAL ESTABLISHMENT
DATE: 10/01/2017

EAP Correspondence to Department of Water and Sanitation



Northern Cape Department of Water and Sanitation
 Private Bag X
 Kimberley
 8301

(T) 053 836 7600
 (F) 053 842 3258

22 January 2018

To: Director Institutional Development

RE: PROPOSED CULTIVATION OF 765 HA VERGIN SOIL FOR THE ESTABLISHMENT OF 17 SEED POTATO PIVOTS ON THE FARM ZULANI NO. 167, NEAR DOUGLAS, NORTHERN CAPE PROVINCE

Eco-Con Environmental acknowledge receipt of your comments/letter date 10 January 2018. Eco-Con Environmental reviewed/read through the comments received and below follows our response:

- **Distance from Watercourses:**

Your comments have been reviewed and Eco-Con Environmental will include these comments/conditions within the Environmental Management Plan to be submitted with the Draft Impact Assessment report once approval has been obtained for the Scoping report.

- **Storm Water Management:**

Your comments have been reviewed and Eco-Con Environmental will include these comments/conditions within the Environmental Management Plan to be submitted with the Draft Impact Assessment report once approval has been obtained for the Scoping report.

- **Invasive Alien Vegetation:**

Your comments have been reviewed and Eco-Con Environmental will include these comments/conditions within the Environmental Management Plan to be submitted with the Draft Impact Assessment report once approval has been obtained for the Scoping report.

- **Design and Layout alternatives:**

The final designs and layout out alternatives will be submitted to your office during the Public Participation period on the Draft Impact Assessment report.

- **Construction:**

Full details regarding the construction process have been provided under section 5.2.1 and 5.2.2 of the scoping report. This will again be included in the Draft Impact Assessment report which will be submitted to your office during the Public participation period on the Draft Impact Assessment report.

Directors: WA Botes - Financial Director | J Botes - Managing Director | PS Kole - Marketing Director

T +27 (0)51 436 1251

F +27 (0)86 592 2282

E info@eco-con.co.za

W www.eco-con.co.za

Postal address: P.O.Box 29262, Dan Hof, Bloemfontein,9310

Reg no.:2017/232414/07





Further to the above. Your comments have been reviewed and Eco-Con Environmental will include these comments/conditions within the Environmental Management Plan to be submitted with the Draft Impact Assessment report once approval has been obtained for the Scoping report.

- **Waste Management:**

Your comments have been reviewed and Eco-Con Environmental will include these comments/conditions within the Environmental Management Plan to be submitted with the Draft Impact Assessment report once approval has been obtained for the Scoping report.

- **Rehabilitation:**

Your comments have been reviewed and Eco-Con Environmental will include these comments/conditions within the Environmental Management Plan to be submitted with the Draft Impact Assessment report once approval has been obtained for the Scoping report.

- **Water Use Entitlement:**

Eco-Con Environmental was also appointed to assist the client with the Water Use License Applications. This application will be submitted to the Department once all documentation, including the Environmental Authorisation and Ploughing Certificate, have been obtained.

- **Conclusion:**

Thank you very much for providing your comments to Eco-Con Environmental. Eco-Con environmental will ensure that all these comments have been address during the different stages of the project.

Please feel free to contact the EAP if any of the above is unclear.

Kind Regards

Johan Botes
082 459 8206
johan@eco-con.co.za

Directors: WA Botes - Financial Director | J Botes - Managing Director | PS Kole - Marketing Director

T +27 (0)51 436 1251

F +27 (0)86 592 2282

E info@eco-con.co.za

W www.eco-con.co.za

Postal address: P.O.Box 29262, Dan Hof, Bloemfontein,9310

Reg no.:2017/232414/07



Proof of EAP Correspondence to Department of Water and Sanitation

From: [Johan](#)
To: "Damane Refilwe (KBY)"
Subject: RE: DWS COMMENTS
Date: Monday, 22 January 2018 11:28:00 AM
Attachments: [johans01.png](#)
[DWS Feedback on Lorraine Comments_22Jan2018.pdf](#)
[DWS Feedback on Banks Drift Comments_22Jan2018.pdf](#)
[DWS Feedback on Zulani Comments_22Jan2018.pdf](#)

Good day Refilwe

Eco-Con Environmental hereby acknowledge receipt of your comments for the proposed developments.

Please see attached to this email our response to your letters.

Please feel free to contact our office if any of the above is unclear.

Kind regards

Johan Botes
 082 459 8206 / johan@eco-con.co.za



From: Damane Refilwe (KBY) [<mailto:DamaneR@dws.gov.za>]
Sent: Thursday, 11 January 2018 8:38 AM
To: johan@eco-con.co.za
Subject: DWS COMMENTS

Good day

Please find attached the DWS comments for the following projects:

- PROPOSED CULTIVATION OF 450 HA VIRGIN SOIL FOR THE ESTABLISHMENT OF 18 SEED POTATO FARMING PIVOTS AND ASSOCIATED WATER PIPELINES ON THE REMAINING EXTENT OF THE FARM BANKS DRIFT NO 164 AND PORTION 1 OF THE FARM CHRISTIANS DRIFT NO 166 RESPECTIVELY NEAR DOUGLAS, NORTHERN CAPE
- PROPOSED CULTIVATION OF 765 HA VIRGIN SOIL FOR THE ESTABLISHMENT OF 17 SEED POTATO FARMING PIVOTS AND ASSOCIATED WATER PIPELINES ON THE FARM ZULANI NO.167 NEAR DOUGLAS, NORTHERN CAPE
- PROPOSED CULTIVATION OF 800 HA VIRGIN SOIL FOR THE ESTABLISHMENT OF 16 SEED POTATO FARMING PIVOTS AND ASSOCIATED WATER PIPELINES ON PORTION 1 OF THE FARM LORRAINE NO. 100 NEAR DOUGLAS, NORTHERN CAPE

Hard copies should reach you via post soon.

Kind Regards

Refilwe Damane (Cand.Sci.Nat.)
 Department of Water and Sanitation (KBY)
 28 Central Road, Beaconsfield
 Institutional Establishment
 Northern Cape Region

Correspondence received from the South African Heritage Resources Agency (SAHRA)

Zulani Agricultural Development

Our Ref:



an agency of the
Department of Arts and Culture

T: +27 21 462 4502 | F: +27 21 462 4500 | E: info@sahra.org.za
South African Heritage Resources Agency | 111 Harrington Street | Cape Town
P.O. Box 4637 | Cape Town | 8001
www.sahra.org.za

Enquiries: Natasha Higgitt
Tel: 021 462 4502
Email: nhiggitt@sahra.org.za
CaseID: 12020

Date: Tuesday January 09, 2018
Page No: 1

Interim Comment

In terms of Section 38(3), 38(8) of the National Heritage Resources Act (Act 25 of 1999)

Attention: Idstone Farming (Pty) Ltd

The company Idstone Farming (Pty) Ltd. is proposing to commence with the process of procuring the Farm Zulani No. 167 near the town of Douglas in the Northern Cape Province (765 ha). The reason for the intended procurement is for establishing seventeen (17) 45 ha seed potato farming pivots on the farm of natural previously uncultivated land.

Eco-Con Environmental (Pty) Ltd has been appointed by Idstone Farming (Pty) Ltd to conduct a Scoping and Environmental Impact Assessment (S&EIA) Process in support of an Environmental Authorisation Application for the proposed cultivation of 765ha virgin soil for the establishment of 17 seed potato farming pivots and associated water pipelines on the farm Zulani No 167 near Douglas, Northern Cape Province. A draft Scoping Report has been submitted to SAHRA in terms of the National Environmental Management Act, 1998 (NEMA) and the 2017 EIA Regulations.

Dr Lloyd Rossouw of the National Museum in Bloemfontein was appointed to conduct the Heritage Component of the S&EIA process.

Rossouw, L. 2017. Phase 1 Heritage Impact Assessment of proposed installation of new irrigation pivots and associated infrastructure on the farm Zulani 167 near Douglas, Northern Cape Province.

The geology mostly likely to be impacted by the proposed project area consists of a thick mantle of aeolian Kalahari sands which are of recent age. No heritage resources were identified within the proposed agriculture area, and the terrain is not considered to be archaeological vulnerable. No recommendations were provided.

Interim Comment

SAHRA Archaeology, Palaeontology and Meteorites (APM) Unit requests that the Scoping Report appendices, the draft EIA and all appendices must be submitted to the case application on SAHRIS so that an informed comment can be issued.

Further comments will be issued upon receipt of the above.

Should you have any further queries, please contact the designated official using the case number quoted

Zulani Agricultural Development

Our Ref:



an agency of the
Department of Arts and Culture

T: +27 21 462 4502 | F: +27 21 462 4500 | E: info@sahra.org.za
South African Heritage Resources Agency | 111 Harrington Street | Cape Town
P.O. Box 4837 | Cape Town | 8001
www.sahra.org.za

Enquiries: Natasha Higgitt
Tel: 021 462 4502
Email: nhiggitt@sahra.org.za
CaseID: 12020

Date: Tuesday January 09, 2018
Page No: 2

above in the case header.

Yours faithfully

Natasha Higgitt
Heritage Officer
South African Heritage Resources Agency

Phillip Hine
Acting Manager: Archaeology, Palaeontology and Meteorites Unit
South African Heritage Resources Agency

ADMIN:
Direct URL to case: <http://www.sahra.org.za/node/487339>
(DENC, Ref:)

EAP Correspondence to SAHRA

From: "Johan" <johan@eco-con.co.za>
To: "Natasha Higgitt" <nhiggitt@sahra.org.za>
Sent: Monday, 22 January, 2018 10:50:25 AM
Subject: RE: SAHRIS Case ID 12027, 12028 and 12029

Good day Natasha

Hope all is well?

Thank you very much for the email. Comments received.

As per our telephonic discussion, your comments require the Draft Impact Assessment report also to be submitted in order for you to provide an informed decisions / comment on the projects.

Due to this being the scoping phase, we will first await approval on the Scoping phase before compiling the Draft Impact Assessment report.

Once complete, all relevant and required documentation will be forwarded to you as per your request.

If we receive negative feedback / rejection on the scoping report, this will also be forwarded to your offices.

Please let me know if the above will suffice.

Kind regards

Johan Botes

082 459 8206 / johan@eco-con.co.za

Proof of EAP Correspondence to SAHRA

From: [Natasha Higgitt](#)
To: [Johan](#)
Subject: Re: SAHRIS Case ID 12027, 12028 and 12029
Date: Monday, 22 January 2018 11:03:09 AM

Good morning,

Thank you for updating SAHRA on the development applications.

We await further documentation regarding the project with regards to the approval/rejection of the Scoping Report, and if approved, the Draft EIA and appendices.

Kind Regards,

Natasha Higgitt
Heritage Officer: Archaeology, Palaeontology and Meteorites Unit

South African Heritage Resources Agency
- A nation united through heritage -

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Natasha Higgitt
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Comments Received from SANParks

To develop, expand, manage and promote a system of sustainable national parks that represent biodiversity and heritage assets, through innovation and best practice for the just and equitable benefit of current and future generations.



MONP/16/3/1

7 June 2018

Mr Johan Botes
 ECO-CON
 Po Box 29262
 Dan Hof
 Bloemfontein
 9310

addo elephant
 agulhas
 augrabies
 hontebok
 camdeboo
 golden gate highlands
 karoo
 kgalagadi transfrontier
 kapsna lake area
 kruger
 mapungubwe
 marakele
 mokala
 mountain zebra
 namaqua
 table mountain
 tankwa karoo
 tsitsikamma
 richtersveld
 west coast
 wilderness

COMMENTS ON THE ENVIRONMENTAL APPLICATIONS FOR THE PROPOSED CULTIVATION AND THE ESTABLISHMENT OF POTATO FARMING ON THE PROPERTIES- LORRAINE 100, BANKS DRIFTS NO 164 AND PORTION 1 OF CHRISTIAANS DRIFT NO 166 (ALL TOGETHER) AS WELL AS FARM ZULANI NO 167 IN THE DOUGLAS AREA

Following the review of the Scoping Reports for the said properties as well as a preliminary consultation process towards possible offsets held on the 21 May 2018 SANParks would like to comments on the proposed developments as follows;

For the properties Banks Drift no 164 together with portion 1 of Christians Drift no 166, as well as Farm Zulani no 167, SANParks is of the opinion that these developments do not fall within the footprint of Mokala National Park. SANParks will however support the outcome from DENC with regard to these two proposed developments.

Farm Lorraine no 100 is however falling within the footprint of Mokala National Park and concerns are raised which will therefore have a detrimental impact on the protected area if this development is authorized to go ahead. These concerns are;

1. It should be acknowledged that the proposed development (alternatives 1 and 2) on farm Lorraine no 100 falls within a Critical Biodiversity Area and within close proximity to the north western boundary of Mokala National Park, a declared protected area.
2. The proposed development on farm Lorraine no 100 also falls within the developing footprint of Mokala National Park and will have a detrimental effect on future expansion of Mokala National Park.
3. The presence of a rare and endangered vulture colony (white backed vultures) on the farm Lorraine no 100 is a serious concern as a national decline in numbers is observed. The area is also frequently visited by Cape Vultures. It should be noted that it is not only the breeding but also the habitat that will negatively impacted upon.
4. Two protected tree species occur on the farm Lorraine no 100 namely *Boscia albitrunca* (Shepherds Tree) and *Vachellia erioloba* (Camel Thorn). The *Vachellia erioloba* plant community is also threatened by development.

643 Leyds Street
 Muckleneuk
 Pretoria

PO Box 787
 Pretoria
 0001

tel: 012 426 5000
 fax: 012 343 0905

central reservations: 012 428 9111
 reservations@parks.co.za
 www.parks-sa.co.za



5. The proposed development will also have a negative impact on the soil structure as a result of ploughing, fertilizing and use of chemicals for weed control. Irrigation may also result in higher than normal leaching of nutrients out of the soil which may change the chemical composition of the soil which will lead to soil degradation.

6. The clearing of vegetation and occurrences of heavy rain and thunderstorms will result in higher soil loss which will in return impact negatively on the water quality delivered from the catchment to the Riet River.

addo elephant

agulhas

augrabies

bontebok

cape peninsula

Due to the concerns raised above, SANParks will not support the development as proposed on farm Lorraine no 100.

golden gate highlands

karoo

Yours truly

kgalagadi transfrontier

knysna lake area

12/6/2018
Date

kruger

.....
 Lucius Moolman
 Regional General Manager – Arid Region
 South African National Parks

marakele

mountain zebra

namaqua

tankwa karoo

tsitsikamma

richtersveld

vbembe dongola

west coast

wilderness

EAP Feedback to SANParks

**South African National Parks (SANParks)**

P.O. Box 787
Pretoria
0001

(T) 021 426 5000
(F) 012 343 0905

28 June 2018

To: Mr. Lucius Moolman (Regional Manager – Arid Region)

RE: FEEDBACK ON COMMENTS ON THE ENVIRONMENTAL APPLICATIONS FOR THE PROPOSED CULTIVATION AND THE ESTABLISHMENT OF POTATO FARMING ON THE PROPERTIES – LORRAINE100, BANKS DRIFT 164, AND PORTION 1 OF THE FARM CHRITIAANS DRIFT 166 AS WELL AS FARM ZULANI 167 IN THE DOUGLAS AREA

Eco-Con Environmental acknowledge receipt of your comments/letter date 12 June 2018. Eco-Con Environmental reviewed/read through the comments received and below follows our response:

Paragraph 2 of your letter date 12 June 2018 states: *“For the properties Banks Drift no 164 together with portion 1 of Christiaans Drift no 166, as well as Farm Zulani no 167, SANParks is of the opinion that these developments do not fall within the footprint of Mokala National Park. SANParks will however support the outcome from DENC with regard to these tow proposed developments.”*

Eco-Con Environmental thank you for your feedback to the above mentioned two developments. This will be communicated to DENC.

Paragraph 3, together with the concerns numbered 1 to 6, of your letter date 12 June 2018 states: *“Farm Lorraine no 100 is however falling within the footprint of Mokala National Park and concerns are raised which will therefore have a detrimental impact on the protected area if this development is authorised to go ahead. These concerns are:*

1. *It should be acknowledged that the proposed development (alternatives 1 and 2) on farm Lorraine no 100 falls within a Critical Biodiversity Area and within close proximity to the north western boundary of Mokala National Park, a declared protected area.*
2. *The proposed development on the farm Lorraine no 100 also falls within the development footprint of Mokala National Park and will have a detrimental effect on future expansion of Mokala National Park.*
3. *The presence of a rare and endangered vulture colony (white backed vultures) on the farm Lorraine no 100 is a serious concern as a national decline in numbers is observed. The area is also frequently visited by Cape Vultures. It should be noted that it is not only the breeding but also the habitat that will be negatively be impacted upon.*

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Postal address: P.O.Box 29262, Dan Hof, Bloemfontein,9310
 Reg no.:2017/232414/07





4. *Two protected tree species occur on the farm Lorraine no 100 namely Boscia Albitranca (Shepherds Tree) and Vachellia erioloba (Camel Thorn). The Vachellia erioloba plant community is also threatened by development.*
5. *The proposed development will also have a negative impact on the soil structure as a result of ploughing, fertilizing and use of chemicals for weed control. Irrigation may also result in higher than normal leaching of nutrients out of the soil which may change the chemical composition of the soil which will lead to soil degradation.*
6. *The clearance of vegetation occurrences of heavy rain and thunderstorms will result in higher soil loss which will in return impact negatively on the water quality delivered from the catchment to the Riet River*

Due to the concerns raised above, SANParks will not support the development as proposed on farm Lorraine 100."

Based on your comments above, regarding the farm Lorraine no 100, Eco-Con Environmental is pleased to announce that as a result of the significantly high sensitivity of the farm Lorraine no 100, the client, in collaboration with the Independent EAP and Ecological Specialist, have decided to withdraw the farm Lorraine no 100 from the application to develop. In other word, development will not proceed on the farm Lorraine no 100. Lorraine no 100 will in return form part of the Biodiversity Offset report for the other two projects on the farm Zulani 167 and the farms Banks Drift 164 and Portion 1 of the Farm Christiaan Drift no. 166.

Eco-Con Environmental thank you for your inputs and cooperation in this regard.

Please feel free to contact the EAP if any of the above is unclear.

Kind Regards

Johan Botes
082 459 8206
johan@eco-con.co.za

Directors: WA Botes - Financial Director | J Botes - Managing Director | PS Kole - Marketing Director

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Reg no.:2017/232414/07



Proof of Email correspondence with SANParks

From: [Johan](#)
To: [Hugo Bezuidenhout](#); [Willem Louw](#); [Charlene Bissett](#); [Giel De Kock](#); [Elsabe Swart](#); [Johan De Klerk](#); [Samuel Tompies](#); [Lucius Moolman](#)
Cc: [Giel De Kock](#)
Subject: Feedback on Comments received 12 June 2018
Date: Thursday, 28 June 2018 3:55:00 PM
Attachments: [SANParks feedback on Comments 28June2018.pdf](#)
[SANParks official comments 20180617.pdf](#)
[mimem02.png](#)

Good day Dr Bezuidenhout

Hope all is well?

Please see attached feedback regarding your comments received on 12 June 2018.

Please feel free to contact us in the event of any uncertainties.

Kind regards

Johan Botes
 082 459 8206 / johan@eco-con.co.za



JOHAN BOTES
 MANAGING DIRECTOR (MD)

B.A. Honours in Geography (UFS)
 B.A. Geography and Environmental
 Management (UFS)
 IAIA' sa Reg.: 4043 / AIS Reg.: 1032

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From: Hugo Bezuidenhout [<mailto:hugo.bezuidenhout@sanparks.org>]
Sent: Friday, 15 June 2018 8:16 AM
To: Rikus Lamprecht <ajhlamprecht@gmail.com>; Willem Louw <Willem.Louw@sanparks.org>; Charlene Bissett <charlene.bissett@sanparks.org>; Giel De Kock <giel.dekock@sanparks.org>; 'Elsabe Swart' <elsabe.dtec@gmail.com>; Johan De Klerk <johan.deklerk@sanparks.org>; 'Johan' <johan@eco-con.co.za>; Samuel Tompies <samuel.tompies@sanparks.org>; Lucius Moolman <lucius.moolman@sanparks.org>
Cc: Giel De Kock <giel.dekock@sanparks.org>
Subject: RE: Draft minutes for the meeting held on 21 May 2018
Importance: High

Please find herewith SANParks comments as per attachment.

Rg

Dr Hugo Bezuidenhout
 Specialist: Vegetation Ecologist
 P.O. Box 110040, Hadison Park
 Scientific Services, Kimberley 8306
 SANParks

082 908 2857 or 053 802 1913

Correspondence from BirdLife South Africa

Hi Rikus and Johan,

Apologies for the late reply, last week ran away with me a bit.

I've gone through all the documentation, and BirdLife South Africa would oppose the development unfortunately. As an organisation, we clearly appreciate the need for development in South Africa and, where possible, work with developers to ensure that impacts of development are properly mitigated so that development can proceed. However in this case we feel that it would not be possible to mitigate the impacts.

We discussed the possible use of a biodiversity offset. Offsets should only be used in accordance with the Mitigation Hierarchy, and this will be confirmed by the soon to be published National Biodiversity Offset Policy. The IFC Performance Standard 6 also requires the use of the Mitigation Hierarchy – see attached; the section titled Protection and Conservation of Biodiversity (especially points 16 – 18) are relevant. The IFC (International Finance Corporation) is the funding arm of the World Bank, and all banks that borrow from the World Bank (almost all SA banks) and those that have signed the Equator Principles (the four big SA banks have signed and comply with the Equator Principles) must comply with the IFC Performance Standard 6.

As White-backed Vultures are Critically Endangered (<http://www.iucnredlist.org/details/22695189/0>), sections 16 – 18 of the IFC Performance Standard 6 are applicable, as copied in at the end of this email. The proposed project would not comply with these sections for the following reasons:

1. The proposed site is of significant importance to a Critically Endangered species (both for breeding and foraging);
2. Viable alternatives within the region would exist for development on habitats that are modified or are not critical (i.e. don't host White-backed Vulture nests, and are not important feeding grounds within the vicinity of nests);
3. The project would lead to measurable adverse impacts on the biodiversity values of the region;
4. It is likely that the project would lead to a net reduction in the population of White-backed Vultures by virtue of reducing the availability of suitable nesting habitat in the area, and by destroying the adjacent habitat on which they rely for foraging. The avifaunal reports have indicated that *the loss of suitable White-backed vulture habitat as a result of clearing of land for agricultural purposes is one of the reasons for the decline in vulture numbers worldwide (Bunning, 1985), vulture conservation should not only focus to protect individuals or known nesting aggregations, but rather to protect the larger preferred breeding and foraging habitat of the species of the size of the section of available suitable habitat. This will ensure a sustainable future for the species and prevent isolation of breeding colonies.* Thus although not all of the proposed development will have direct impacts on White-backed Vulture nests, it is highly likely that all of the proposed development (for all 3 sites, singularly or collectively) will result in negative population impacts due to the loss of suitable habitat.

Further, due to the likely availability of alternatives (both alternative sites, and alternative low disturbance agriculture – e.g. grazing lands for cattle), the use of Biodiversity Offsets cannot be considered within the IFC Performance Standard 6 framework. BirdLife South Africa's policy is to oppose developments that cannot meet these criteria and which will have a significant impact on threatened bird species. However it is likely that the aforementioned banks would take the same view – due to non-compliance with the IFC Performance Standards – and would not finance this development.

In terms of the EIA legislation, BirdLife South Africa would argue that the proposed development is fatally flawed due to the high likelihood of globally significant and irreversible impacts on a Critically Endangered species, and that Biodiversity Offsets cannot be considered as a mitigation measure as alternative sites for development are likely to exist, and alternative forms of agriculture for the site would also exist.

We highly appreciate the stance you have taken in suggesting that an avian impact assessment is done before the full EIA process is launched, and before the farmer is heavily committed to the project. Please call or email me if you have any questions about this.

Kind regards,

Jonathan Booth

EAP Feedback to Birdlife South Africa

From: [Johan](#)
To: ["Jonathan Booth"](#)
Subject: RE: Avifaunal studies for 3 X Douglas agricultural projects
Date: Thursday, 28 June 2018 3:40:00 PM
Attachments: [image010.png](#)
[image013.png](#)
[image015.png](#)
[image016.png](#)
[image001.png](#)

Good day Jonathan

Hope all is well?

Sorry for the late reply, there were numerous issues / inputs / mitigations that had to be taken up with all relevant departments / stakeholders and the client.

Regarding your comments below, thank you very much for your time to provide feedback and inputs to these studies.

Eco-Con Environmental is pleased to announce that as a result of the significantly high sensitivity of the farm Lorraine no 100, the client, in collaboration with the Independent EAP and Ecological Specialist, have decided to remove the farm Lorraine no 100 from the application to develop. In other word, development will not proceed on the farm Lorraine no 100. This will leave the most pristine area in an undeveloped state.

However, the client would like to proceed with the applications on the Farm Zulani no 167 and the farm Bank Drift 164 and portion 1 of the Farm Christiaans Drift no 166.

On the Farm Banks Drift and portion 1 of the Farm Christiaans Drift no 166, no Vulture nests were identified, however, on the Farm Zulani, 6 active nests were identified.

As a result, the client, based on our inputs, have decided to proceed with these studies on condition that a Biodiversity Offset Report be compiled. The Farm Lorraine no 100 is also included in the offset report to be formally protected in the future. This Biodiversity Offset Report is now complete and will run with the Impact Assessment phase a 30 day public participation period.

You will be informed of the availability of these reports, once we are ready to submit, and we ask of you to please review the final impact assessment reports and the offset reports compiled.

Your comments, either positive or negative, will then be included in the Final Impact Assessment report which will be submitted to DENC for their decision making process.

Again thank you very much.

Have a great day

Kind regards

Johan Botes

SANParks, Mokala National Park and DENC meeting minutes held by Ecological Specialist

EcoFocus Consulting (Pty) Ltd

Registration : 2017/223847/07

7 Edenglen, Waterberg Street, Langenhovenpark, Bloemfontein, 9330

T 072 230 9598

E ajhlamprecht@gmail.com



Proposed Biodiversity Offset & Mokala National Park Expansion Pre-EIA

Submission Meeting

Minutes

Meeting Date: 2018/05/21

Welcome and Introduction

- All parties were welcomed to the meeting by R Lamprecht.
- All parties present introduced themselves and their designations.
- Parties present at the meeting:
 - R Lamprecht
 - F Lawrence
 - R Lawrence
 - C Bissett
 - G de Kock
 - E Swart
 - H Bezuidenhout
 - W Louw
 - J de Klerk
- The following parties were excused from attending the meeting:
 - K Naude
 - L Moolman
 - M Knight

Project Background Discussion

- The locations and sizes of the proposed three developments were explained to the meeting.
- The vegetation types and conservation sensitivity background of the proposed three developments were explained to the meeting.
- The question was raised of why three separate Environmental Applications were submitted rather than a single combined application as this could lead to confusion within the competent authority.
- The response was that it posed a greater risk to the applicant of the entire project being rejected if a single combined application was submitted.
- It was confirmed that all three applications were being dealt with by a single case officer from the competent authority which should prevent confusion.

- The three significant long term residual ecological impacts associated with the proposed three developments were explained to the meeting.
 - Transformation of a pristine Critical Biodiversity Area two (CBA 2) which would have to be cleared in order to make way for the proposed cultivated circular pivot lands.
 - Destruction/damage to a significant number of individuals of the nationally protected tree species *Vachellia erioloba* (Camel thorn) & *Vachellia haematoxylon* (Grey camel thorn) which would have to be cleared in order to make way for the proposed cultivated circular pivot lands.
 - Destruction/damage to nesting and breeding habitat of a significant number of individuals of the critically endangered Red Data Listed bird species *Gyps africanus* (African white-backed vulture) which mainly nests in the larger Camel thorn trees. Large trees would have to be cleared in order to make way for the proposed cultivated circular pivot lands.
- The comment was made that there are virtually no *Vachellia haematoxylon* (Grey camel thorn) individuals present within the Farm Lorraine no 100 and surrounding Mokala National Park areas.
- This comment was acknowledged and agreed to by the applicant and ecological specialist.

- The approval date and conditions of the Scoping Phase were explained to the meeting.
- The question was raised whether SANPARKS had been adequately informed of the PPP during the Scoping phase and was any comment received.

- The response was that the relevant PPP notification and documentation was provided to Mr H Bezuidenhout during the PPP. No comment was received from SANParks.
- It was then requested that all the parties present at the meeting are to be included into the PPP for the full EIA Phase.
- This request was acknowledged and confirmed that all the parties present at the meeting would be included.
- The question was raised of whether the close proximity presence of the Mokala National Park was mentioned within the Scoping Phase documentation.
- This could not be definitely confirmed and it was indicated that this issue would be highlighted within the full EIA Phase.
- The potential offset properties were discussed and explained to the meeting.

Main Points Raised During Open Discussion

- The comment was made that the parties present were not at liberty to discuss or negotiate any expansion of the Mokala National Park on behalf of SANParks.
- The applicant explained that he had been in negotiations with SANParks on two occasions for the purchase of his properties adjacent to Mokala National park but that no final conclusions were reached as SANParks did not conclude the negotiations from their side.
- The comment was made that it was not the prerogative of the parties present to discuss such historic dealings.
- The comment was made that expansion of a National Park as part of an offset agreement would require the donation of land and formal declaration of the land as a National Park in accordance with Section 20 of the National Environmental Management: Protected Areas Amendment Act (Act 21 of 2014).
- The applicant explained that this would not be a viable option as this would significantly and negatively impact on the livelihood of the applicant.
- The applicant then requested to discuss other potential options for an offset agreement.
- The applicant commented that he would guarantee no development on the remaining land with good agricultural practices being implemented.
- The comment was made that other means of declaring protected areas was to consider a stewardship agreement in the form of declaring a Nature Reserve or Protected Environment in accordance with Sections 23 or 28 of the National Environmental Management: Protected Areas Amendment Act (Act 21 of 2014).

- The applicant also indicated that he had additional land to the north of the proposed project areas.
- The comment was however made that this was not in close proximity to any formally protected areas and would therefore provide a less suitable option for offsetting.
- The question was raised by the applicant as to why an offset area would be required and whether this had been formally recommended by the competent authority.
- The response from the ecological specialist was that although it had not been officially recommended by the competent authority in the Scoping Phase approval letters, the residual impacts triggered the requirement for an offset area and the competent authority had verbally recommended during post-Scoping Phase approval deliberations that a Draft Offset Report be submitted during the EIA phase.
- The process of determination of Critical Biodiversity Areas by the competent authority was explained by E Swart. It was explained that such areas represent irreplaceable or near irreplaceable areas for reaching certain minimum required provincial biodiversity targets.
- It was recommended that a suitably experienced independent offset specialist be consulted by the applicant in order to assist with the offset negotiation processes.
- The response from the ecological specialist was that he had been appointed to independently conduct the offset feasibility assessment and compile a draft report for inclusion during the EIA phase.
- The question was then raised regarding the relevant experience of the specialist and how many offset reports he had previously compiled.
- The response from the ecological specialist was that he had not completed any prior offset reports but that he had attended the Offset Policy training course presented by SANBI. The draft report would also be reviewed by another experienced specialist prior to submission.
- The recommendation was still made that the applicant appoint a suitably experienced independent offset specialist to assist with the offset negotiation processes.
- The comment was made that all the EIA documentation would be intensely reviewed by the relevant in-house specialists of the competent authority and SANParks in order to provide comment.
- The question was raised as to what the status/purpose of the meeting was.
- It was explained that the meeting served as a pre-EIA submission meeting in order to discuss potential feasibility of a proposed offset area.

- The meeting was assured that all parties present would be adequately notified of the commencement of the EIA phase PPP which is expected to commence within a months' time.
- All parties at the meeting were thanked for their attendance and the meeting was adjourned.

SANParks, Mokala National Park and DENC meeting attendance register held by Ecological Specialist



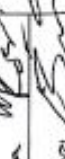
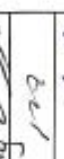







EcoFocus
Ecological Specialist Services
Leave a future behind

EcoFocus Consulting (Pty) Ltd
Registration : 2017/223847/07
7 Edenglen, Waterberg Street, Langenhovenpark, Bloemfontein, 9330
T 072 230 9598
E ajhlamprecht@gmail.com

Meeting Attendance Register
Mokala National Park Expansion

Date: 2018/05/21

Initials & Surname	ID Number	Company/Entity	Designation	Contact Number	Email address	Signature
AJH Lamprecht	8707275043083	Eco Focus	Ecologist	0722309591	ajhlamprecht@gmail.com	
J. Lawrence	530214501908	Idstone	Farmer	0823284615	lawrencefrank@gmail.com	
R. Laanman	8603285097088	Idstone	Farmer	0722209255	Roscoe@idstone.co.za	
C. Bissell	7501160050080	SanParks	Regional Ecologist	083 661 2971	christine.bissell@sanparks.org	
Sid de Kock	8711235135081	SANPARKS	Park Planning	0829092913	sid.de.kock@sanparks.org	
E. Arent		DENC	RDS	653 807 7681	elsabr.dke@gmail.com	
H. Bessuidenik	N/A	SANParks	Nat Ecologist	082 908 2857	hugo.bessuidenik@sanparks.org	
W. Koenig	N/A	SANPARKS	Agri Technicians	083 640 5298	willem.koenig@sanparks.org	
S. de Venter	785095030099	SANPARKS	Nat Ranger	082 335 1371	john.deventer@sanparks.org	

Leave a future behind

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E ajhlamprecht@gmail.com

Proof of Hard Copy deliveries

Hard Copy delivery to Mr. H.F. Nel (Municipal Manager at Siyancuma Local Municipality)



Acknowledgement of Receipt

To: Municipal Manager, Mr. H.F. Nel

Hereby Margareth Adams, acknowledge receipt of one (1) hard copy of the Draft Scoping Report for comment for the proposed cultivation of 7.65 ha vergin soil for the establishment of 17 seed potato pivots on the farm Zulani no. 167, near Douglas, Northern Cape Province.

Date 28/11/2017

Please sign [Signature]

Directors: WA Botes - Financial Director | J Botes - Managing Director | PS Kofe - Marketing Director
 ☎ +27 (0)51 436 1251 ☎ +27 (0)86 592 2262 ✉ info@eco-con.co.za 🌐 www.eco-con.co.za
 Postal address: P.O.Box 29262, Dan Hof, Bloemfontein, 9310
 Reg no.: 2017/232414/07



Hard Copy delivery to Mr. K. Sekwaila (Northern Cape Department of Water and Sanitation)



Acknowledgement of Receipt

To: Commenting Authority for the region, Mr. Khutjo Sekwaila

Hereby I Pulane ngakane, acknowledge receipt of one (1) hard copy and one (1) soft copy of the Draft Scoping Report for comment for the proposed cultivation of 765 ha vergin soil for the establishment of 17 seed potato pivots on the farm Zulani no. 167, near Douglas, Northern Cape Province.

Date 28/11/2017

Please sign [Signature]

Directors: WA Botes - Financial Director | J Botes - Managing Director | PS Kote - Marketing Director
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 Postal address: P.O.Box 29262, Don Hof, Bloemfontein, 9310
 Reg no.: 2017/232414/07



Hard Copy delivery to Me. Beryl Wilson (McGregor Museum)



Acknowledgement of Receipt

To: McGregor museum, Me. Beryl Wilson

Hereby I Heidi Fötscher, acknowledge receipt of one (1) hard copy and one (1) soft copy of the Draft Scoping Report for comment for the proposed cultivation of 765 ha vergin soil for the establishment of 17 seed potato pivots on the farm Zulani no. 167, near Douglas, Northern Cape Province.

Date 29/07/17

Please sign 

Directors: WA Bates - Financial Director | J Bates - Managing Director | PS Kale - Marketing Director

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Hard Copy delivery to Dr. Hugo Bezuidenhout (SANPARKS)



Acknowledgement of Receipt

To: Specialist Vegetation Ecologist, Dr. Hugo M. Bezuidenhout

Hereby I Hendrik Sithole, acknowledge receipt of two (2) soft copies of the Draft Scoping Report for comment for the proposed cultivation of 7 65 ha vergin soil for the establishment of 17 seed potato pivots on the farm Zulani no. 167, near Douglas, Northern Cape Province.

Date 28/11/2017

Please sign _____

A handwritten signature in black ink, appearing to be 'Hendrik Sithole', written over a horizontal line.

Directors: WA Botes - Financial Director | J Botes - Managing Director | PS Kote - Marketing Director

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Postal address: P.O.Box 29262, Dan Hof, Bloemfontein, 9310

Reg no.: 2017/232414/07



Hard Copy delivery to DENC (Competent Authority)



Acknowledgement of Receipt

To: DENC

Hereby I Gail Letimela, acknowledge receipt of two (2) hard copies and two (2) soft copies of the Application for Environmental Authorisation Form for the proposed cultivation of 765 ha virgin soil for the establishment of 17 seed potato pivots on the farm Zulani no. 167, near Douglas, Northern Cape Province

Date 28-11-2017

Please sign Gail Letimela

Directors: WA Botes - Financial Director | J Botes - Managing Director | PS Kole - Marketing Director

+27 (0)51 436 1251

+27 (0)86 592 2262

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www.eco-con.co.za

Postal address: P.O.Box 29262, Don Hof, Bloemfontein, 9310

Reg no.: 2017/232414/07



Hard Copy delivery to Mr. Tulani Mthombeni (DENC - Competent Authority)



Acknowledgement of Receipt

To: Environmental Impact Assessment Department, Mr. Thulani Mthombeni

Hereby I Seal Letwela, acknowledge receipt of one (1) hard copy and one (1) soft copy of the Draft Scoping Report for comment for the proposed cultivation of 765 ha vergin soil for the establishment of 17 seed potato pivots on the farm Zulani no. 167, near Douglas, Northern Cape Province.

Date 28-11-2017

Please sign Seal Letwela

Directors: WA Botes - Financial Director | J Botes - Managing Director | PS Kole - Marketing Director

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Postal address: P.O.Box 29262, Don Hof, Bloemfontein, 9310

Reg no.: 2017/232414/07



Hard Copy delivery to Me. Natalie Uys (DENC - Competent Authority)




Acknowledgement of Receipt

To: Ecological and Botanical Department, Me. Natalie Uys

Hereby I NATALIE UYS, acknowledge receipt of one (1) hard copy and one (1) soft copy of the Draft Scoping Report for comment for the proposed cultivation of 765 ha vergin soil for the establishment of 17 seed potato pivots on the farm Zulani no. 167, near Douglas, Northern Cape Province.

Date 28/11/2017

Please sign 

Directors: WA Botes - Financial Director | J Botes - Managing Director | PS Kote - Marketing Director

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Postal address: P.O.Box 29262, Dan Hof, Bloemfontein, 9310

Reg no.: 2017/232414/07



Hard Copy delivery to Mr. Chris Groenewald (Siyancuma Local Municipality)



Acknowledgement of Receipt

To: Environmental Department, Mr. Chris Groenewald

Hereby I K.A. du Plessis, acknowledge receipt of one (1) hard copy of the Draft Scoping Report for comment for the proposed cultivation of 765 ha vergin soil for the establishment of 17 seed potato pivots on the farm Zulani no. 167, near Douglas, Northern Cape Province.

Date 28.11.2017

Please sign 

Directors: WA Botes - Financial Director | J Botes - Managing Director | PS Kote - Marketing Director

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Postal address: P.O.Box 29262, Dan Hof, Bloemfontein, 9310

Reg no.: 2017/232414/07



Proof of Hard Copy Delivery to Pixley ka Sem District Municipality via Courier

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DATE:	ACCOUNT NUMBER:	COST CENTER:	SHIPPER'S REFERENCE:	ORIGIN:	DESTINATION / NO. OF PIECES:
	812332		TJ... ..		
SHIPPER: (YOUR NAME) JOHAN BOYES COMPANY NAME: ECO-CH ENVIRONMENTAL PTY LTD - DEPOS STREET ADDRESS: CITY: GENHOVENPARK COUNTRY: POST/ZIP CODE: TELEPHONE NUMBER & E-MAIL:			TO: (RECIPIENT'S NAME) COMPANY NAME: Pixley ka Sem District Municipality STREET ADDRESS: P.O. BOX NO: CITY: COUNTRY: RSA POST/ZIP CODE: 7600 TELEPHONE NUMBER & E-MAIL: 053 6510891		
INTERNATIONAL SERVICES GLOBAL DOCUMENT EXPRESS GLOBAL PARCEL EXPRESS SPECIALS AIRFREIGHT CROSS BORDER ROAD FREIGHT		DOMESTIC SERVICES OVERNIGHT EXPRESS IN CITY DELIVERY BUDGET CARGO 21-48 HRS ROAD FREIGHT 48-96 HRS		DOMESTIC SERVICES SAME DAY DAWN DELIVERY BY 09H00 SATURDAY DELIVERY AFTER HOURS PUBLIC HOLIDAY	
CUSTOMS VALUE HAZARDOUS CARGO? YES <input type="checkbox"/> NO <input type="checkbox"/> INSURANCE YES <input type="checkbox"/> NO <input type="checkbox"/> AMOUNT:		WE HAVE SEEN AND AGREE TO THE STANDARD CONDITIONS OF CARRIAGE OF GLOBEFLIGHT WORLDWIDE EXPRESS SIGNATURE: DATE: TIME:		RECEIVED BY GLOBEFLIGHT WORLDWIDE EXPRESS PRINT NAME: SIGNATURE: DATE: TIME:	
RECEIVED IN GOOD ORDER AND CONDITION PRINT NAME: CONSIGNEE SIGNATURE: DATE: TIME:		SPECIAL INSTRUCTIONS DESCRIPTION OF CARGO			

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IMPACT ASSESSMENT PHASE 30 PUBLIC PARTICIPATION PERIOD

Appendix E5: List Stakeholders and List of Registered Interested and Affected Parties

List of Stakeholders / Organs of State / Organisations / Interested and Affected Parties notified

Name and Surname	Organisation	Department	Email / Postal:	Tel:
Mr. H.F. Nel	Siyancuma Local Municipality	Municipal Manager	geraldine@siyancuma.gov.za douglas@siyancuma.gov.za	(053) 298 1810
Mr. Chris Groenewald	Siyancuma Local Municipality	Environmental Department	groenewald@siyancuma.co.za	0828440411
Mr. Patrick Mcklein	Siyancuma Local Municipality	Ward 2 (two) Ward Councillor	patrickmcklein@gmail.com	0845339330
Mr. Rodney Pieterse	Pixley Ka Seme District Municipality	Municipal Manager	mm@pksdm.gov.za	0536310891
Mr. S. Nkondeshe	Pixley Ka Seme District Municipality	Environmental Department	pixley@telkomsa.net	0536310891
Me. Natalie Uys	Department of Environment and Nature Conservation	Ecological and Botanical Department	nuys.denc@gmail.com	053 807 7300/7472
Mr. Thulani Mthombeni	Department of Environment and Nature Conservation	Environmental Impact Assessment Department	Tmthombeni@ncpg.gov.za	(053) 807 7430 or Cell: 071 673 7525
Mr. Hannes Roux	Agri Noordkaap		hrouxx@gmail.com	0718607550
Me. Kelly Hannie	Northern Cape department of roads and public works		khannie@ncpg.gov.za	053 839 2249
Mr. Khutjo Sekwaila	Northern Cape Department of Water and Sanitation	Commenting Authority for the region	sekwailak@dws.gov.za	053 836 7609

Mr. Tony Olyn	Northern Cape Department Minerals and Resources	Mineral Regulation	Tony.Olyn@dmr.gov.za	053 807 1705
Me. Belinda Glenn	Endangered Wildlife Trust		belindag@ewt.org.za	011 372 3600 / 072 616 1787
Me. Candice Stevens	BirdlifeSA		Candice.stevens@birdlife.org.za	011 789 1122
Me. Beryl Wilson	McGregor museum		berylwa@gmail.com	0538392727
Dr. Hugo M. Bezuidenhout	SANParks	Specialist: Vegetation Ecologist	Willem.Louw@sanparks.org	082 908 2857 or 053 802 1913
Dr. Charlene Bissett	SANParks	Regional ecologist	charlene.bissett@sanparks.org	
Mr. Johan de Klerk	SANParks – Mukala National Park	Park Manager	johan.deklerk@sanparks.org	
Mr. Lucius Moolman	SANParks	Regional Manager of the Arid region	lucius.moolman@sanparks.org	
Me. Nkhesani Engelina Nefolovhodwe	MUHLAVA MINING (PTY) LTD	Prospecting Right Holder	ancorp7@telkomsa.net	011 268 6167 / 082 213 3358
Mr. Ben Tsietsi Serue	MAXWILL 146 CC	Prospecting Right Holder	tsietsiserue@gmail.com	0846067885
Mr. Nico Smith	Neighbouring / Surrounding Landowners / Occupiers		nssmith@rooksein.co.za	0828002944

Mr. Willem Weenick	Neighbouring / Surrounding Landowners / Occupiers		weenickdiamonds@shisas.com	0828071175
Mr. Johann Mulke	Neighbouring / Surrounding Landowners / Occupiers		P.O. Box 237, Kimberley, 8300	0828279700
Mr. James Thomas	Neighbouring / Surrounding Landowners / Occupiers		Thomasjames1949@gmail.com	0825513706
Mr. John Collen	Neighbouring / Surrounding Landowners / Occupiers		johnycollen@gmail.com	0828221274
Me. Vivian Young	Neighbouring / Surrounding Landowners / Occupiers		P.O Box 1667, Kimberley 8300	0834003014
Mr. Alan Jong	Neighbouring / Surrounding Landowners / Occupiers		P.O Box 1667, Kimberley 8300	0604951019
Mr. Gareth Tait	Endangered Wildlife Trust (EWT)		gareht@ewt.org.za	0824473619
Me. Lesley Booysen	World Wildlife Fund South Africa (WWF)		lbooysen@wwf.org.za	021 657 6600