

**COMMENTS RECEIVED ON THE
DRAFT EIAr**



water & sanitation

Department:
Water and Sanitation
REPUBLIC OF SOUTH AFRICA

WESTERN CAPE PROVINCIAL OPERATIONS

Private Bag X16, Sanlamhof, 7532
52 Voortrekker Road, Bellville, 7530

☎ 021 941 6140
☎ 021 941 6077
💻 Ndobenin2@dws.gov.za

✉ Ms. N. Ndobeni
📁 16/2/7/G10M/A/11

ATTENTION: Mr Gabriele Wood

Savannah Environmental
P. O. Box 148
SUNNINGHILL
2157

Dear Madam

DRAFT SCOPING REPORT FOR THE ESKOM SALDANHA BAY NETWORK STRENGTHENING PROJECT

Reference is made to the above-mentioned document dated 14 April 2016.

This Department has perused the abovementioned documents and has noted that the proposed activities trigger a water use in terms of section 21 (c) impeding or diverting the flow of water in a watercourse and section 21 (i) altering the bed, banks, course or characteristics of a watercourse of the National Water Act, 1998 (Act 36 of 1998). This is due to the proposed construction of substations to strengthen the power generation at Aurora and Blouwater substations will include construction work that will take place within a 500m boundary radius of the identified two unchannelled valley bottom wetlands and six depressions.

Please advise your client to apply for a Water Use Authorisation from this Department prior to commencing with any of the activities. A checklist of the documents required by the Department to assess the file has been attached.

Kindly contact the following official: Mr Warren Dreyer 021 941 6185 dreyerw@dws.gov.za for assistance.

Please do not hesitate to contact the above official should there be any queries.

Yours faithfully

Melissa Lintnaar-Strauss

CHIEF DIRECTOR: WESTERN CAPE

Signed By: Melissa Lintnaar-Strauss

Designation: Control Environmental Officer

Date: 11 May 2016



REFERENCE NUMBER: 16/3/3/6/4/2/1/F4/17/3102/16
ENQUIRIES: MS. K. ADRIAANSE
DATE OF ISSUE: 2016-05-19

The Director
Savannah Environmental (Pty) Ltd.
P.O. Box 148
SUNNINGHILL
2157

For Attention: Ms. G. Wood

Tel: (011) 656 3237
Fax: (086) 684 0547

Dear Madam

COMMENTS ON THE DRAFT SCOPING REPORT AND PLAN OF STUDY FOR ENVIRONMENTAL IMPACT ASSESSMENT FOR THE PROPOSED DEVELOPMENT OF SUBSTATIONS, POWERLINES AND ASSOCIATED INFRASTRUCTURE FOR THE SALDANHA BAY NETWORK STRENGTHENING PROJECT, WESTERN CAPE.

The draft Scoping Report ("SR") dated April 2016 and received by this Department on 18 April 2016 and this Directorate's acknowledgement thereof dated 22 April 2016, refer.

Comments on the draft SR are as follows:

1. Activity description

- 1.1. The activity description must be amended to include all infrastructure associated with the proposed development;
- 1.2. The farm portions and numbers for the proposed transmission and distribution substations must be provided;
- 1.3. Figure 2.1 of the draft SR indicates sites numbered A, B and C. However, a description of these sites has not been provided; and
- 1.4. Note that a description of the proposed development in relation to the listed activities must be provided in order to confirm the listed activities that are triggered by the proposed development.

2. Public Participation Process

It is noted that the draft SR was available for review from 15 April 2016 to 18 May 2016. However, please note that the draft SR was received by this Department on 18 April 2016. Therefore, this Directorate has not been provided an opportunity to comment on the draft SR within the prescribed 30 day commenting period. It is therefore advised that for all future applications, all documents must be submitted to this Directorate prior to the commencement of the public participation process.

3. Specialist Input

3.1. It is noted that the following specialist assessments were compiled as part of the Scoping phase in order to inform the specialists studies that will be undertaken as part of the Environmental Impact Reporting ("EIR") phase:

- 3.1.1. Desktop Vegetation Assessment (dated January 2016);
- 3.1.2. Fauna Impact Assessment (dated January 2016);
- 3.1.3. Avifauna Impact Assessment (dated January 2016);
- 3.1.4. Wetland Assessment (dated January 2016);
- 3.1.5. Heritage Scoping Study (dated 28 September 2015);
- 3.1.6. Visual Impact Assessment (dated September 2015); and
- 3.1.7. Social Impact Assessment (dated January 2016).

3.2. As such, the aforementioned specialist assessments have not been considered to collapse the Scoping phase and the EIR phase as the assessment of the identified potential impacts will be undertaken as part of the EIR phase.

This Department reserves the right to revise or withdraw comments or request further information based on any information received.

Your interest in the future of our environment is greatly appreciated.

Yours faithfully


HEAD OF DEPARTMENT

Copies to: (1) Ms. N. Duarte (Saldanha Bay Municipality)

Fax: (022) 715 1518

Gabriele Wood

From: Zoë Palmer <Zoe.Palmer@arecongroup.com>
Sent: 01 June 2016 10:17
To: gabriele@savannahsa.com
Cc: Mieke Barry; Jeanne-Louise Wiese
Subject: I&AP for transmission projects

Hi Gabriele,

Please could you register me as an I&AP for the following two projects:

1. Power line between Rheboksfotein WEF and Aurora substation (DEA ref. no.: 14/12/16/3/3/1/1327); and
2. The Saldanha Bay Network Strengthening Project for Eskom.

Many thanks,

Zoë Palmer

Environmental Scientist, Aurecon

T +27 21 5266069 F +27 21 5269500 C +27 790929717

E Zoe.Palmer@arecongroup.com

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DISCLAIMER

Gabriele Wood

From: Sonia Mischczak <sonia@atlanticep.com>
Sent: 30 June 2016 12:20
To: Gabriele Wood
Cc: David Peinke
Subject: PPP - Saldanha Bay Network Strengthening Project

Good day Gabi,

Please could you register AEP as an I&AP for the Saldanha Bay Network Strengthening Project?

You can put myself and/or David as the contact.

Kind regards

Sonia Mischczak
Project Developer
Atlantic Renewable Energy Partners (Pty) Ltd



Email: sonia@atlanticep.com

Office: +27 (0) 21 418 2596
Fax: + 27 (0) 86 611 0882

101, Block A, West Quay Building
7 West Quay Road, Waterfront
Cape Town, 8000



OUR REFERENCE : 20/9/2/2/11/095
YOUR REFERENCE : -
ENQUIRIES : Cor van der Walt

Savannah Environmental
PO Box 148
SUNNINGHILL
2157

Att: Mrs. Gabriele Wood

**ENVIRONMENTAL IMPACT ASSESSMENT PROCESS
400/132KV TRANSMISSION SUBSTATION AND 132/66KV DISTRIBUTION SUBSTATION:
DIVISION VREDENBURG**

Your application of 14 April 2016 has reference.

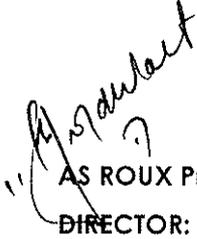
The Western Cape Department of Agriculture has no objection against the consideration of all six (6) powerline alternatives as well as sites DX and TX as the impact will be of limited significance as found in the Agricultural study.

Please take note:

- That this is only a recommendation to the relevant deciding Authorities in terms of the Subdivision of Agricultural Land Act 70 of 1970.
- Kindly quote the above-mentioned reference number in any future correspondence in respect of the application.

- The Department reserves the right to revise initial comments and request further information based on the information received.

Yours sincerely


AS ROUX Pr Eng

DIRECTOR: SUSTAINABLE RESOURCE MANAGEMENT

2016-07-26

Copies:

Directorate Land Use and Sustainable Resource Management
National Department of Agriculture
Private Bag X 120
PRETORIA
0001

West Coast District Municipality – Doretha Kotze
PO Box 242
MOORREESBURG
7310

Saldanha Municipality
Private Bag X12
VREDENBURG
7380

Gabriele Wood

From: Jo-Anne Thomas <joanne@savannahsa.com>
Sent: 17 August 2016 12:55
To: john@savannahsa.com; Gabriele Wood
Cc: pamela@savannahsa.com
Subject: FW: Saldanha Tx/Dx Strengthening Landowner Feedback from 10 August 2016
Attachments: Saldanha_Strengthening Programme - Eskom Tx + Dx_v2_20160810.pptx

Importance: High

Hi John and Gabi,

I see you were not copied on this mail. Please can you take note of the below and the attached. Gabi – please can you make sure all of the identified affected parties are consulted with. John – please discuss these issues with Eskom and determine if there could be timing issues which may require that we apply for an extension of the EIA timeframe.

Thanks
Jo-Anne

Jo-Anne Thomas

Director | Savannah Environmental (Pty) Ltd
Tel: +27 11 656 3237 | Fax: +27 86 684 0547 | Cell: +27 82 775 5628

From: Pamela Sidambe [mailto:pamela@savannahsa.com]
Sent: 17 August 2016 11:57
To: 'Jo-Anne Thomas'
Subject: FW: Saldanha Tx/Dx Strengthening Landowner Feedback from 10 August 2016
Importance: High

Dear Jo-Anne,

Please find herewith the e-mail from Darryl that we spoke about in our meeting yesterday.

Thank you,

Pamela Sidambe

Social Consultant | Savannah Environmental (Pty) Ltd
Tel: +27 11 656 3237 | Fax: +27 86 684 0547

From: Darryl Hunt [mailto:darryl.hunt@telkomsa.net]
Sent: Thursday, August 11, 2016 8:08 AM
To: 'ShawnJohnston' <swjohnston@mweb.co.za>; pamela@savannahsa.com
Cc: gavstig@mweb.co.za; 'Lizemarie Tolken' <lize.tolken@gmail.com>; 'Lerato Mokgwatlheng' <MokgwaLL@eskom.co.za>; 'Michiel Goosen' <GoosenMD@eskom.co.za>; 'Pumza Jizana' <JizanaP@eskom.co.za>; 'Christo Badenhorst' <BadenhC@eskom.co.za>
Subject: Saldanha Tx/Dx Strengthening Landowner Feedback from 10 August 2016
Importance: High

Hi Shawn and Pamela

Thanks for meeting with the landowners and their representatives yesterday in Saldanha as part of the EIA for Eskom's Saldanha Strengthening Programme.

To re-iterate, the landowners (represented by Gavin Stigling and Lizamarie Tolken) welcome Eskom's suggested Tx and Dx upgrades and welcome to opportunity to locate sub-stations on and/or route lines across their land, as most of this land falls within the Saldanha Municipality's spatial development corridor for industrial development.

As was discussed in the meeting, the landowners are requesting careful co-ordination and alignment between Eskom and other prospective infrastructure, industrial and power projects which are being proposed and developed by various project developers.

Attached is an updated synopsis of the considerations which the landowners request that Eskom consider as part of their technical alternatives (best viewed in "slide show" due to small font size). This was originally sent to Eskom on 08 July and subsequently updated after the meeting with Savannah on 10 August.

Please note that the synopsis still includes Tx E which is mainly located on Pieterse Family Trust land (and the "colours" don't correspond to those we discussed in our meeting yesterday).

Finally, the landowners are awaiting confirmation of an urgent follow-up discussion with Eskom's technical team before progressing too far down the EIA process to ensure that site and route alternatives (especially Tx) are not in conflict with the other proposed projects and/or infrastructure. Lerato indicated on 02/08/2016 via email that she would consult with the Eskom team and advise.

Many thanks
Darryl

o : +27 (0) 21 553 0440
c : +27 (0) 82 804 3907
e : darryl.hunt@dynamicenergy.co.za
 : darryl.hunt1
www.dynamicenergy.co.za

Dynamic Energy Consultants cc

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Melkbosstrand
7441 SOUTH AFRICA



 please consider the environment before printing this email

Pamela Sidambe
Social Consultant
Cell: 083 278 9171
Email: pamela@savannahsa.com
www.savannahSA.com



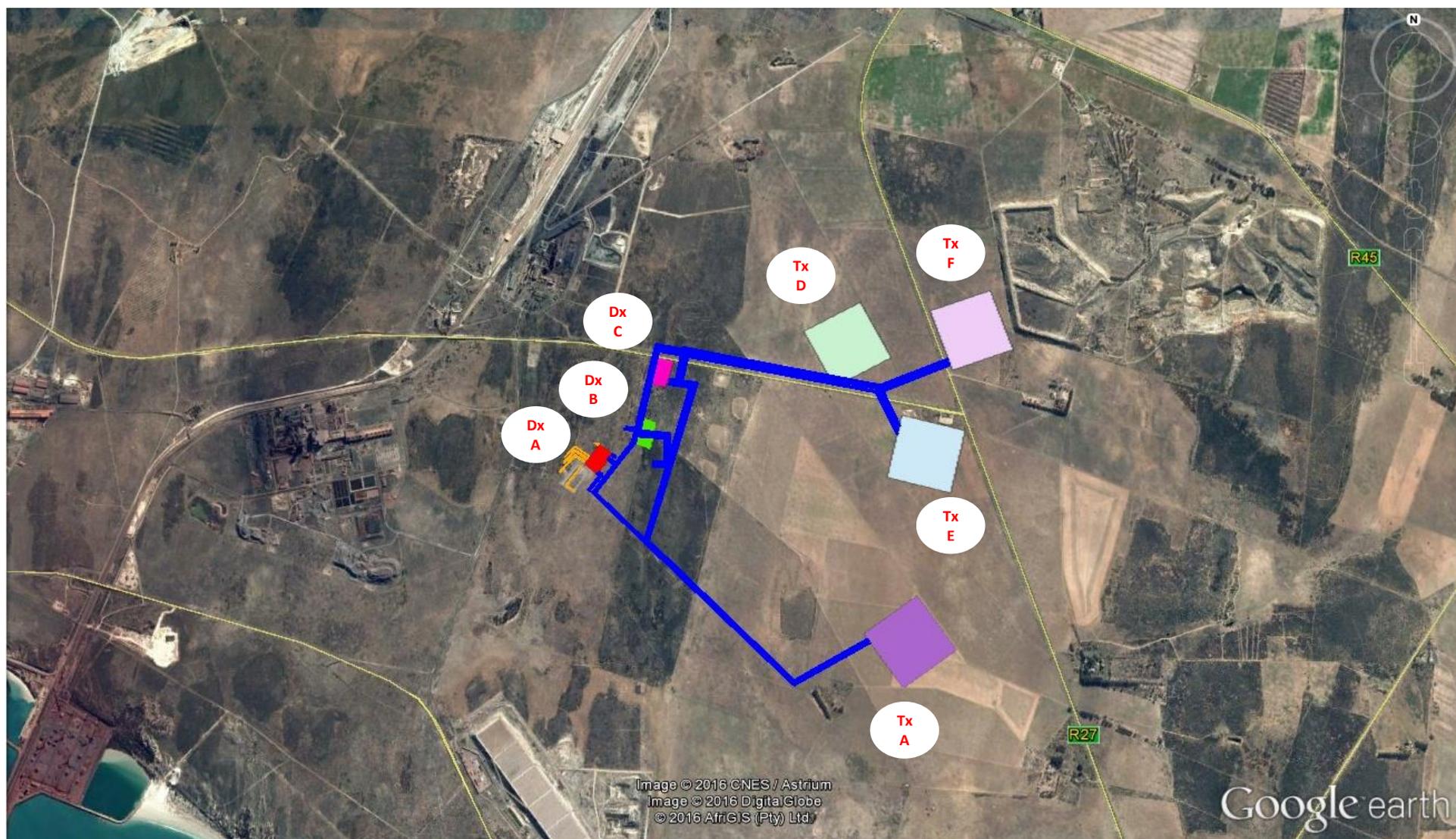
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1st Floor, Block 2, 5 Woodlands Drive Office Park, Woodlands Drive, Woodmead, 2191

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Eskom Saldanha Tx & Dx Strengthening Programme



OMGEWINGSIMPAKEVALUERINGSPROSES
SALDANHABAAI NETWERKVERSTERKINGSROJEK, WES-KAAP PROVINSIE
OPENBARE DEELNAMEPROSES REGISTRASIE/KOMMENTAAR VORM

Stuur voltooide registrasie/kommentaar vorm aan: **Gabriele Wood** van **Savannah Environmental (Edms.) Bpk**

Faks: 086 699 5796

Telefoon: 011 656 3237

E-pos: gabriele@savannahsa.com

Posadres: **Posbus 148 Sunninghill 2157**

Verskaf asseblief u persoonlike kontak besonderhede:

Naam & Van:	Bertus van Niekerk		
Organisasie & Rol:	Mulilo Thermal Project Developments (Developer)		
Posadres:	9th Floor, Convention Tower, Heerengracht Street Foresore, Cape Town, 8001		
Telefoon:	021 200 5980	Selfoon:	071 570 5168
Faks:		Vonkpos:	bertus@mulilo.com

Stel u belang om te registreer as 'n belangstellende en/of geaffekteerde party (B&GP)? (Merk met X) JA NEE

Nota: Dit word van u vereis om te registreer as 'n B&GP om alle toekomstige inligting in verband met die Omgewingsimpakevalueringsproses te ontvang.

Verduidelik u belangstelling in hierdie projek (gebruik addisionele bladsye indien nodig):

Ontwikkelbaar van kragstasie in Saldanha.

Lys u vrae, opinies of besorghede in verband met hierdie projek (gebruik addisionele bladsye indien nodig):

Verskaf bykommende kontak besonderhede van addisionele persoon/e wie u beskou as potensiële belangstellende en/of geaffekteerde partye:

Naam & Van:	JANNIE MUELLER		
Organisasie & Rol:	MULILO THERMAL PROJECT DEVELOPMENTS		
Posadres:	9TH FLOOR CONVENTION TOWERS, HEERENGRACHT, CPT		
Telefoon:	021 200 5980	Selfoon:	
Faks:		E-pos:	jannie@mulilo.com



(Sien omkeer bladsy vir Engels)

Gabriele Wood

From: Bertus v Niekerk <bertus@mulilo.com>
Sent: 24 August 2016 09:25
To: gabriele@savannahsa.com
Cc: 'Jannie Mueller'; 'Karen Low'
Subject: RE: Mulilo OCGT Plant in Saldanha
Attachments: Uyekraal - Development Area.kmz

Hi Gabi,

Thank you for your email. We are in the process of developing two power projects on the farm Uyekraal 189 portion 1, please see attached .kmz file indicating our development footprint (for both projects).

As part of this power plant development, we are also intending to permit a transmission line from our project site to Aurora substation, with our preferred alternative also along the current transmission line (your Alternative 1).

Perhaps we can meet up to discuss these projects when we are in Johannesburg again, or even via a telephone conference?

Thank you.

Vriendelike groete / Kind regards

Bertus van Niekerk



MULILOTHERMAL

Mulilo Thermal Project Developments (Pty) Ltd
Technical Project Manager

Tel: +27 21 200 5980 **Mobile:** +27 71 570 5168 **Email:** bertus@mulilo.com
Address: 9th Floor | Convention Towers | Heerengracht | Cape Town | South Africa | 8001

From: Karen Low [mailto:karen@mulilo.com]
Sent: 23 August 2016 11:16
To: gabriele@savannahsa.com
Cc: Bertus van Niekerk <bertus@mulilo.com>; Jannie Mueller <jannie@mulilo.com>
Subject: FW: Mulilo OCGT Plant in Saldanha

Hi Gabi,

Thank you for your email. Janie and Bertus, copied on this email, will be able to assist you with your request.

Regards,
Karen

Karen Low (Pri. Sci. Nat.)
Environmental Manager



Tel: +27 21 934 5278 Fax: +27 21 935 0505 Email: karen@mulilo.com
Physical: 303c ExecuJet Business Centre Tower Road Cape Town International Airport South Africa 7525
Postal : PO Box 50 Cape Town International Airport South Africa 7525

From: Gabriele Wood [<mailto:gabriele@savannahsa.com>]
Sent: 23 August 2016 11:06 am
To: karen@mulilo.com
Subject: Mulilo OCGT Plant in Saldanha

Dear Karen

We are undertaking an EIA on behalf of Eskom for the Saldanha Strengthening Project which includes the construction of new transmission power lines, a new transmission substation and a new distribution substation. We are trying to confirm whether any of the alternatives conflict with planned or authorised developments in the area. Following meetings with the affected landowners, we have been informed by Lize Tolken that Mulilo propose the construction of an OCGT plant on the farm Uyekraal 1/189. Is it possible to provide us with details of the planned footprint of your OCGT plant in spatial format (a kmz file or shape files) such that we can map this in relation to what is proposed by Eskom.

I have attached the Background Information Document for your reference.

Kind regards
Gabi Wood

Gabriele Wood
Public Participation and Social Consultant
Email: gabriele@savannahsa.com
www.savannahSA.com



Tel: +27 11 656 3237 | Fax: +27 86 684 0547 | P.O. Box 148, Sunninghill, 2157
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**Western Cape
Government**

Transport and Public Works

ROAD NETWORK MANAGEMENT

Email: Grace.Swanepoel@westerncape.gov.za

tel: +27 21 483 4669

Rm 335, 9 Dorp Street, Cape Town, 8001

PO Box 2603, Cape Town, 8000

REFERENCE : 16/9/6/1-24/19 (Job 22543)

ENQUIRIES : Ms GD Swanepoel

DATE : 1 September 2016

Savannah Environmental
PO Box 148
SUNNINGHILL
2157

Attention: Ms G Wood

Dear Madam

SALDANHA BAY NETWORK STRENGTHENING PROJECT, WESTERN CAPE

1. Your unreferenced letter dated 14 April 2016 to this Branch refers.
2. Register this Branch as an Interested and Affected Party and forward copies of all the relevant documentation.
3. This Branch, in conjunction with AECOM Consulting Engineers, brought its road network upgrade planning in that vicinity into place. In order to prevent a clash in possible planned alignments (roads versus cables) you are advised to arrange a meeting with this Branch (Attention: Mr E Burger Tel: 021 483 2180) as part of your consultation process.

Yours faithfully

ML WATTERS

For CHIEF DIRECTOR: ROAD NETWORK MANAGEMENT

ENDORSEMENTS

1. Savannah Environmental
Attention: Ms G Wood (e-mail: info@savannahsa.com)
2. District Roads Engineer
Ceres
3. Mr ML Watters (e-mail)
4. Mr E Burger (e-mail)
5. Planning Section

Gabriele Wood

From: Bertus v Niekerk <bertus@mulilo.com>
Sent: 09 September 2016 09:46
To: 'Gabriele Wood'
Cc: 'Jannie Mueller'; 'John von Mayer'
Subject: RE: Mulilo OCGT Plant in Saldanha

Hi Gabriele,

We have signed an Option to Lease with the land owner for the project site which I have provided. We have finalised our conceptual design of the power project and have appointed our Environmental Assessment Practitioner and all the relevant consultants. Our EAP has also commenced with the draft scoping report. We are just waiting for the Department of Energy to issue the Project Information Memorandum detailing the process of the Gas to Power Programme before we formally commence with the environmental impact assessment process.

I have spoken to the land owner who have confirmed that they have had discussions with Eskom regarding the possible construction of a substation on the farm Uyekraal 189 Portion 1. According to the land owner, they had however indicated suitable locations for such a substation, but not at the current proposed location. The land owner pointed out to Eskom that he had agreements with developers and that this particular location was not available.

Perhaps there has been some miscommunication, or misunderstanding around the sites which the land owner would be able to make available for such a substation? As the current proposed location (by Eskom) of the substation would infringe on our rights and accordingly our ability to further develop our project, we would appreciate an opportunity to meet with yourself and Eskom to discuss alternatives and we believe that the issue can easily be resolved.

Jannie has changed his plans to make himself available on Monday 26 September, we think it would be best to have this discussion earlier rather than later. What time do you still have open on that Monday?

Thank you

Vriendelike groete / Kind regards

Bertus van Niekerk



MULILOTHERMAL

Mulilo Thermal Project Developments (Pty) Ltd
Technical Project Manager

Tel: +27 21 200 5980 **Mobile:** +27 71 570 5168 **Email:** bertus@mulilo.com
Address: 9th Floor | Convention Towers | Heerengracht | Cape Town | South Africa | 8001

From: Gabriele Wood [mailto:gabriele@savannahsa.com]
Sent: 6 September 2016 12:15
To: 'Bertus v Niekerk' <bertus@mulilo.com>
Cc: 'Jannie Mueller' <jannie@mulilo.com>; 'John von Mayer' <john@savannahsa.com>
Subject: RE: Mulilo OCGT Plant in Saldanha

Hi Bertus and Jannie

Noted. We will be returning to Cape Town once the draft EIA Report is available for public comment. We can arrange a meeting with you at that time.

We have noted that the proposed site for the Transmission Substation Site A conflicts with the site selected for Mulilo's proposed gas power plant. Please can you advise us on the status of your project and confirm whether the EIA process for the gas power plant has commenced? Please could you provide us with your comments regarding the potential conflict so that we can take this into account in our reporting.

Thanks.

Kind regards

Gabriele Wood

Public Participation and Social Consultant | Savannah Environmental (Pty) Ltd
Tel: +27 11 656 3237 | Fax: +27 86 684 0547

From: Bertus v Niekerk [<mailto:bertus@mulilo.com>]
Sent: 06 September 2016 10:48
To: 'Gabriele Wood' <gabriele@savannahsa.com>
Cc: 'Jannie Mueller' <jannie@mulilo.com>; 'Karen Low' <karen@mulilo.com>
Subject: RE: Mulilo OCGT Plant in Saldanha

Hi Gabby,

I will unfortunately be out of the office from 22 September to 10 October.

Is that the only date that you are currently considering or are you planning to be down in Cape Town on another date?

Thank you.

Vriendelike groete / Kind regards

Bertus van Niekerk



Mulilo Thermal Project Developments (Pty) Ltd
Technical Project Manager

Tel: +27 21 200 5980 **Mobile:** +27 71 570 5168 **Email:** bertus@mulilo.com
Address: 9th Floor | Convention Towers | Heerengracht | Cape Town | South Africa | 8001

From: Gabriele Wood [<mailto:gabriele@savannahsa.com>]
Sent: 6 September 2016 10:04
To: 'Bertus v Niekerk' <bertus@mulilo.com>
Cc: 'Jannie Mueller' <jannie@mulilo.com>; 'Karen Low' <karen@mulilo.com>
Subject: RE: Mulilo OCGT Plant in Saldanha

Dear Bertus

Further the emails below, Savannah Environmental and Eskom will be attending focus group meetings in Cape Town with interested and affected parties on Monday 26 September 2016. Please could you kindly confirm your availability for a meeting at your offices at 12:30 on 26 September 2016?

Thanks

Kind regards

Gabriele Wood

Public Participation and Social Consultant | Savannah Environmental (Pty) Ltd
Tel: +27 11 656 3237 | Fax: +27 86 684 0547

From: Bertus v Niekerk [<mailto:bertus@mulilo.com>]
Sent: 24 August 2016 16:24
To: 'Gabriele Wood' <gabriele@savannahsa.com>
Cc: 'Jannie Mueller' <jannie@mulilo.com>; 'Karen Low' <karen@mulilo.com>
Subject: RE: Mulilo OCGT Plant in Saldanha

Hi Gabi,

Thank you that would be fine.

Yes, please find attached registration form with our details.

Vriendelike groete / Kind regards

Bertus van Niekerk



MULILOTHERMAL

Mulilo Thermal Project Developments (Pty) Ltd
Technical Project Manager

Tel: +27 21 200 5980 **Mobile:** +27 71 570 5168 **Email:** bertus@mulilo.com
Address: 9th Floor | Convention Towers | Heerengracht | Cape Town | South Africa | 8001

From: Gabriele Wood [<mailto:gabriele@savannahsa.com>]
Sent: 24 August 2016 11:03
To: 'Bertus v Niekerk' <bertus@mulilo.com>
Cc: 'Jannie Mueller' <jannie@mulilo.com>; 'Karen Low' <karen@mulilo.com>
Subject: RE: Mulilo OCGT Plant in Saldanha

Dear Bertus

Thank you very much for the information. Focus group meetings will be arranged with affected parties in the coming month as part of the public participation process for this project. We will be in touch regarding the dates for a meeting with you in Cape Town. Please could you kindly confirm whether you would like to be registered as an Interested and Affected Party (I&AP) on the project's database.

Kind regards

Gabriele Wood

Public Participation and Social Consultant | Savannah Environmental (Pty) Ltd
Tel: +27 11 656 3237 | Fax: +27 86 684 0547

From: Bertus v Niekerk [<mailto:bertus@mulilo.com>]
Sent: 24 August 2016 09:25
To: gabriele@savannahsa.com

Cc: 'Jannie Mueller' <jannie@mulilo.com>; 'Karen Low' <karen@mulilo.com>

Subject: RE: Mulilo OCGT Plant in Saldanha

Hi Gabi,

Thank you for your email. We are in the process of developing two power projects on the farm Uyekraal 189 portion 1, please see attached .kmz file indicating our development footprint (for both projects).

As part of this power plant development, we are also intending to permit a transmission line from our project site to Aurora substation, with our preferred alternative also along the current transmission line (your Alternative 1).

Perhaps we can meet up to discuss these projects when we are in Johannesburg again, or even via a telephone conference?

Thank you.

Vriendelike groete / Kind regards

Bertus van Niekerk



MULILO THERMAL

Mulilo Thermal Project Developments (Pty) Ltd
Technical Project Manager

Tel: +27 21 200 5980 Mobile: +27 71 570 5168 Email: bertus@mulilo.com

Address: 9th Floor | Convention Towers | Heerengracht | Cape Town | South Africa | 8001

From: Karen Low [<mailto:karen@mulilo.com>]

Sent: 23 August 2016 11:16

To: gabriele@savannahsa.com

Cc: Bertus van Niekerk <bertus@mulilo.com>; Jannie Mueller <jannie@mulilo.com>

Subject: FW: Mulilo OCGT Plant in Saldanha

Hi Gabi,

Thank you for your email. Janie and Bertus, copied on this email, will be able to assist you with your request.

Regards,

Karen

Karen Low (*Pri. Sci. Nat.*)

Environmental Manager



MULILO
RENEWABLE PROJECT DEVELOPMENTS

Tel: +27 21 934 5278 Fax: +27 21 935 0505 Email: karen@mulilo.com

Physical: 303c Execujet Business Centre Tower Road Cape Town International Airport South Africa 7525

Postal : PO Box 50 Cape Town International Airport South Africa 7525

From: Gabriele Wood [<mailto:gabriele@savannahsa.com>]
Sent: 23 August 2016 11:06 am
To: karen@mulilo.com
Subject: Mulilo OCGT Plant in Saldanha

Dear Karen

We are undertaking an EIA on behalf of Eskom for the Saldanha Strengthening Project which includes the construction of new transmission power lines, a new transmission substation and a new distribution substation. We are trying to confirm whether any of the alternatives conflict with planned or authorised developments in the area. Following meetings with the affected landowners, we have been informed by Lize Tolken that Mulilo propose the construction of an OCGT plant on the farm Uyekraal 1/189. Is it possible to provide us with details of the planned footprint of your OCGT plant in spatial format (a kmz file or shape files) such that we can map this in relation to what is proposed by Eskom.

I have attached the Background Information Document for your reference.

Kind regards
Gabi Wood

Gabriele Wood

Public Participation and Social Consultant

Email: gabriele@savannahsa.com

www.savannahSA.com



Tel: +27 11 656 3237 | Fax: +27 86 694 0547 | P.O. Box 148, Sunninghill, 2157
1st Floor, Block 2, 5 Woodlands Drive Office Park, Woodlands Drive, Woodmead, 2191

Awarded Leading Environmental Consultant on Wind Projects in 2013 & 2015 (SAWEA)

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Gabriele Wood

From: Theron, Gesie <Gesie.Theron@arcelormittal.com>
Sent: 19 October 2016 16:21
To: Gabriele Wood
Cc: Van Zyl, Reinet RL
Subject: RE: EIA PROCESS - SALDANHA BAY NETWORK STRENGTHENING PROJECT, WESTERN CAPE PROVINCE - INVITATION TO PUBLIC MEETING
Attachments: 20160927113536453.pdf; Plan 45 - Industrial Corridor Proposals.jpg; Figure 2.pdf
Follow Up Flag: Follow up
Flag Status: Flagged

Gabrielle

I would like to make a few comments on the proposed project, with specific reference to the attached map and the impact thereof on ArcelorMittal's properties.

- ArcelorMittal is in support of the proposed upgrade of the electricity network as this will have a valuable impact on future development for the area, but the outcome of the preferred or selected route could have a severe impact on AMSA's property development and should be considered in a pragmatic manner.
- The blue and yellow power line route and related transmission sites (on the eastern side of the R27) are supported as this route will have less of an impact on the existing and proposed farming activities (Evertshope Farm) and future use of the area.
- The Uyekraal farm and surrounding properties have been earmarked for industrial development with reference to Saldanha Bay Spatial Development Framework (map included). The proposed transmission and distribution network and required servitude area (110m) will prohibited this kind of development and valuable industrial land and opportunities will be lost. We are therefore not in support of the purple and maroon route as indicated over the Uyekraal and Waschklip Farms. The land on the eastern side of the R27 is not earmarked for future development and existing activities could be maintained with the development of this network.
- Also take into consideration the Western Cape – Saldanha road network improvement plan with reference to the indicated distribution sites as the proposed re-alignment of OP 7644 could become an issue.

Kind regards

Gesie Theron | Project Planner : Energy & Land Development
ArcelorMittal South Africa

Saldanha Works
Private Bag X11, Saldanha, 7395

T +27 (0)22 709 4276 | **M** +27 (0)82 494 1330 | **E** gesie.theron@arcelormittal.com

From: Gabriele Wood [mailto:gabriele@savannahsa.com]
Sent: Tuesday, October 18, 2016 11:36 AM
Subject: EIA PROCESS - SALDANHA BAY NETWORK STRENGTHENING PROJECT, WESTERN CAPE PROVINCE - INVITATION TO PUBLIC MEETING

Dear Stakeholder

The Environmental Impact Assessment Process being undertaken for the Saldanha Bay Network Strengthening Project (DEA Ref. No.: 14/12/16/3/3/2/926) has reference. Interested and Affected Parties (I&APs) are hereby invited to attend a Public Meeting on Thursday 3 November 2016 from 14:00 - 16:00 at the Langebaan Auditorium in Langebaan. Please refer to the attached letter for further information in this regard.

Please do not hesitate to contact me if you have any queries in this regard.

Kind regards,

Mrs Gabriele Wood

Public Participation and Social Consultant

Savannah Environmental (Pty) Ltd

Tel: 27 11 656 3237

Fax: 086 684 0547

Email: gabriele@savannahsa.com

www.savannahsa.com

FRAUD AWARENESS

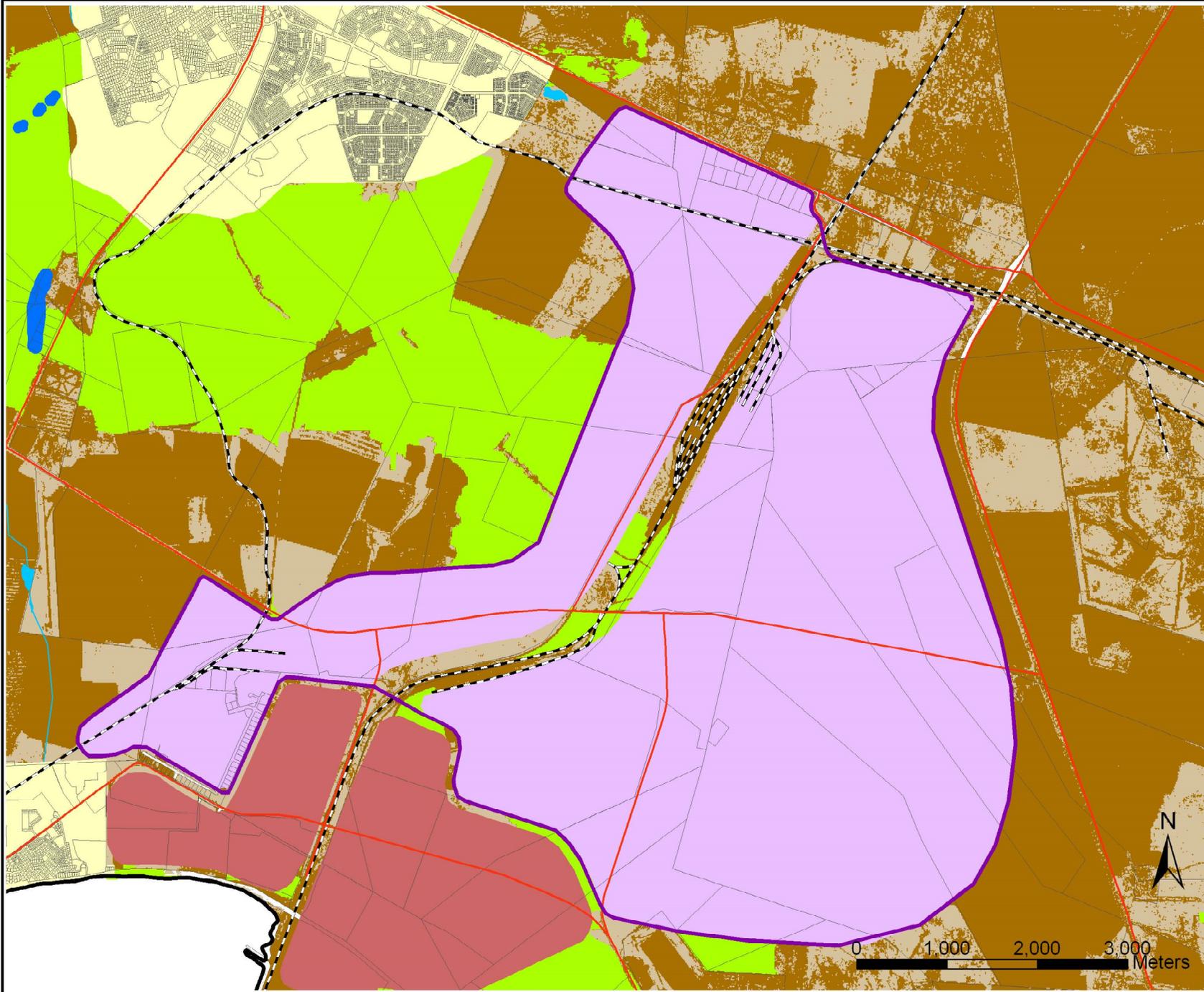
Do you have any concerns related to possible fraudulent activity within ArcelorMittal?

Let us know! We're waiting 24/7

Hotline (South Africa) : 0800 00 1672

Email: fraudhotlinesa@arcelormittal.com

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SAL DANHA BAY



SPATIAL
DEVELOPMENT
FRAMEWORK

PROPOSED INDUSTRIAL
CORRIDOR

SPATIAL PLANNING CATEGORIES

- CONSERVATION 1
- CONSERVATION 2
- CORE AGRICULTURE
- BUFFER ZONE
- WATERWAYS
- CORE URBAN AREA

INDUSTRIES

- INDUSTRIAL CORRIDOR
Reserved for possible future industrial use,
subject to further detailed investigations and
planning

SOURCE:

INDEMNITY

THESE PLANS AND DRAWINGS ARE MADE AVAILABLE TO YOU AS A SERVICE AND ARE NOT TO BE USED FOR ANY OTHER PROJECT OR PURPOSE WITHOUT THE PRIOR WRITTEN APPROVAL OF THE CLIENT. THE CLIENT ACCEPTS FULL RESPONSIBILITY FOR THE USE OF THESE PLANS AND DRAWINGS FOR ANY OTHER PROJECT OR PURPOSE WITHOUT THE PRIOR WRITTEN APPROVAL OF THE CLIENT.

DATE:

FEB 2008

CLIENT

SALDANHA BAY

SCALE:

N.T.S.

DRAWING NO:

45

MUNICIPALITY

FILE NAME:

URBAN DYNAMICS WESTERN CAPE
TOWN & REGIONAL PLANNERS



SEA VIEW BUILDING
NO. 3 DU WOOD WAY
BELLVILLE - 7500
PO BOX 3445
BELLVILLE
7500

TEL: (021) 940 1545

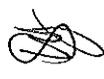
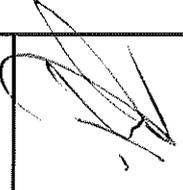
FAX: (021) 940 1550

E-MAIL: pdu@udwc.co.za (Project Manager)

SAVANNAH ENVIRONMENTAL (PTY) LTD		ATTENDANCE REGISTER	
Project	Saldanah Bay Strengthening	Meeting	Arceelor - Mitel
Date	27/9/16	Time	11:00
		Venue	Admin Office

Organisation	Name & Postal Address	Contact Details	Signature
1 ESKOM Designation SIC	CHRISTIE BADENHURST ESKOM MWP. SUNNINGHILL SFB.	Tel : 011 800 6121 Fax : Cell : 082 337 6583 E-mail : badenhorst@eskom.	
2 ESKOM Designation Liners Engineering	SHAKIR DUDHIA P.O. Box 1200 HOUGHTON 2041 Owen PETERS	Tel : 011 800 8276 Fax : Cell : 072 797 7769 E-mail : dudhis@eskom.co.za	
3 ESKOM Designation AER Officer		Tel : 021 980 3817 Fax : Cell : 084 460 5801 E-mail :	
4 AMSA Designation Suez Energy Corporate Energy	Francis van der Bank. P.O. Box 2, PP 82400 Vanderbijlpark. 1900	Tel : 016 889 4170. Fax : Cell : 083 450 6812. E-mail : frances.vanderbank@arcelormittal.com.	
5 AMSA Designation ENVIRONMENTAL ENGINEER	GERALD VROLICK P/BAG XII 72ER VARIENSRUG SALDANHA 7395	Tel : 022 709 4047 Fax : Cell : 073 4809812 E-mail : gerald.vrolick@arcelormittal.com.	

SAVANNAH ENVIRONMENTAL (PTY) LTD		ATTENDANCE REGISTER	
Project	Saldanah Bay Strengthening	Meeting	Atcelon - M.etal
Date	27/9/16	Venue	Admin Office
	Time		
	11:00		

Organisation	Name & Postal Address	Contact Details	Signature
1	Savannah Designation Consultant	Tel : 011 234 6621 Fax : Cell : 084 404 3673 E-mail : john@savannahSA.com	
2	Eskom Designation Senior Advisor: Env	Tel : 011 800 6812 Fax : Cell : 084 580 6147 E-mail : mokgwali@eskom.co.za	
3	ESKOM Designation GRID PLANNER	Tel : 011 516 7335 Fax : Cell : 087 398 1142 E-mail : HansaA@eskom.co.za	
4	Sudarcwebbe Fabrics Designation Access facilitator	Tel : 083 325 9965 Fax : 086 510 2537 Cell : 083 325 9965 E-mail : Swjohnston@mweb.co.za	
5	AMSA Designation B.I.B Energy Manager	Tel : 083 260 2732 Fax : Cell : E-mail : Reineth.vanZyl@aaceformitfor.com	



LEGEND

- PHASE 1
- PHASE 2
- NEW BRIDGE
- PROPOSED ROAD RESERVE
- FUTURE ROAD NETWORK
- APPROXIMATE LIMIT OF CONSTRUCTION

FOR DISCUSSION
FOR INFORMATION



Gabriele Wood

From: John von Mayer <john@savannahsa.com>
Sent: 21 October 2016 08:26
To: Gabriele Wood
Subject: FW: Eskom power lines - Saldanha Bay
Attachments: Saldanha Strengthening Locality Map Rev2 - Louw Venter.pdf; J01757-Master Road Hierarchy Plan (Rev.A).pdf

Hi Gabi,

Comments below from Louw Venter from Aecom. They are the consulting engineers for WC Dept of Transport and we sent them the maps for comment. They will need to go into C&R report.

Thanks,

John von Mayer

Senior Environmental Consultant | Savannah Environmental (Pty) Ltd
Tel: +27 11 656 3237 | Fax: +27 86 684 0547

From: Venter, Louw [mailto:Louw.Venter@aecom.com]
Sent: Thursday, October 20, 2016 9:22 PM
To: John von Mayer <john@savannahsa.com>
Subject: RE: Eskom power lines - Saldanha Bay

John,

Attached are:

1. your map with our proposed TR85 route shown. It is a new route that will be built in 2017.
2. our Road Network Master Plan for the Saldanha Municipal area.

Please take cognizance of the following:

3. (from the Road Network Master Plan) TR85/1 and its extension, TR21/2 (R45) and TR77/1 (R27) are freight routes and abnormal freight routes – special overhead clearance profiles shall apply.
4. Building lines and building restriction areas apply to all trunk roads, main roads, district roads, public transport roads and railway lines if so declared by the responsible authority.
5. Outside an urban area there is—
 - (a) a building line on each side of a road or railway line at a distance of five metres measured at right angles to the centre line of the road or railway line;
 - (b) a building restriction area on each side of a road or railway line within a distance of **100 metres** measured at right angles to the centre line of the road or railway line; and
 - (c) a building restriction area situated within a distance of **500 metres** from any point of intersection of the centre line of a road or railway line with the centre line of another road or railway line.
6. The responsible authority may increase or reduce a building line or building restriction area.

Structures and other works on, over or below reserves of transport infrastructure or within building lines or building restriction areas

7. Despite any other law, no person may, except with the prior written permission of, and in accordance with standards and specifications approved by the responsible authority, undertake or cause or permit to be undertaken an activity mentioned in subsection 8 —

- (a) on or within the reserve or transport infrastructure;
- (b) within the building lines of transport infrastructure; or
- (c) within a building restriction area.

8. The activities contemplated by subsection 7 are the following:

- (a) Erecting or installing a structure or other thing which is attached to the land on which it stands, including a structure or thing that does not form part of that land;
- (b) constructing or laying anything under or below the surface of land;
- (c) constructing anything which projects over the land concerned;
- (d) carrying electric or other wires or pipelines across or laying underground cables or pipelines over, under or on the land concerned; or
- (e) making any structural addition or alteration to any structure or thing referred to in paragraph (a), (b), (c) or (d).

8. A person may apply to the responsible authority in the prescribed manner and on payment of the prescribed fee for a departure from restrictions imposed by a building line or building restriction area referred to in subsection 7.

9. The responsible authority for the roads is the Road Network Management Branch, Department of Transport & Public Works, Western Cape Government.

Contact us if any of the above is unclear or if you require additional information.

Kind Regards,

Louw Venter, PrEng, MEng
Associate - Infrastructure Design, Civil Infrastructure, Cape Town Hub, Africa
D +27-(0)-21-950-7553
M +27-(0)-83-448-4081
louw.venter@aecom.com

AECOM
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Carl Cronje Drive
Bellville, 7550, South Africa
T +27-(0)-21-950-7500
aecom.com

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From: John von Mayer [<mailto:john@savannahsa.com>]
Sent: 13 October 2016 08:38 AM
To: Venter, Louw
Subject: Eskom power lines - Saldanha Bay

Good Morning Louw,

As discussed we are busy with an EIA for 2x400kV transmissions power lines, 3x132kV distribution lines and a new transmission and distribution substation in the Saldanha Bay area.

I have attached the latest map showing the alternative corridors we are assessing for the power line routes and substation positions in the EIA phase. Note that we assess wide corridors (1km wide) in the EIA but the servitude for lines will be less than this (110m for the 2 x 400kV lines) and will be located someone within the corridor. Exact routes will be planned later within the corridor once authorization is received.

The scoping report is available on our website for your review

<http://savannahsa.com/projects/project.php?project=434>

however note that the some of the alternatives have changed since scoping. The attached map is the most up to date and shows the routes / sites we are assessing in the EIA phase.

Kind Regards,

John von Mayer

Senior Environmental Consultant

Cell: 084 404 3673

Email: john@savannahsa.com

www.savannahSA.com

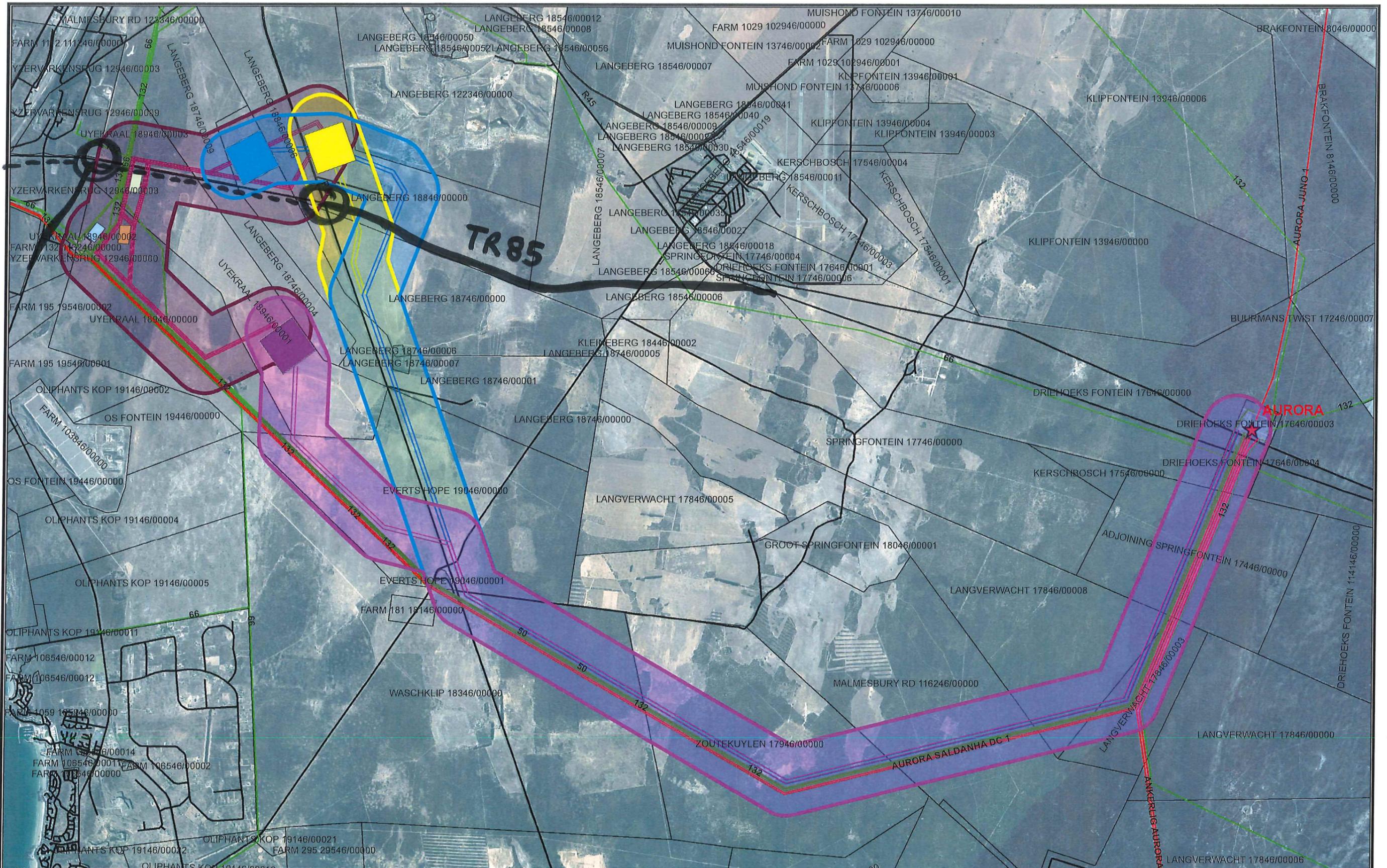


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Eskom
 Line Engineering Services
 Engineering Survey

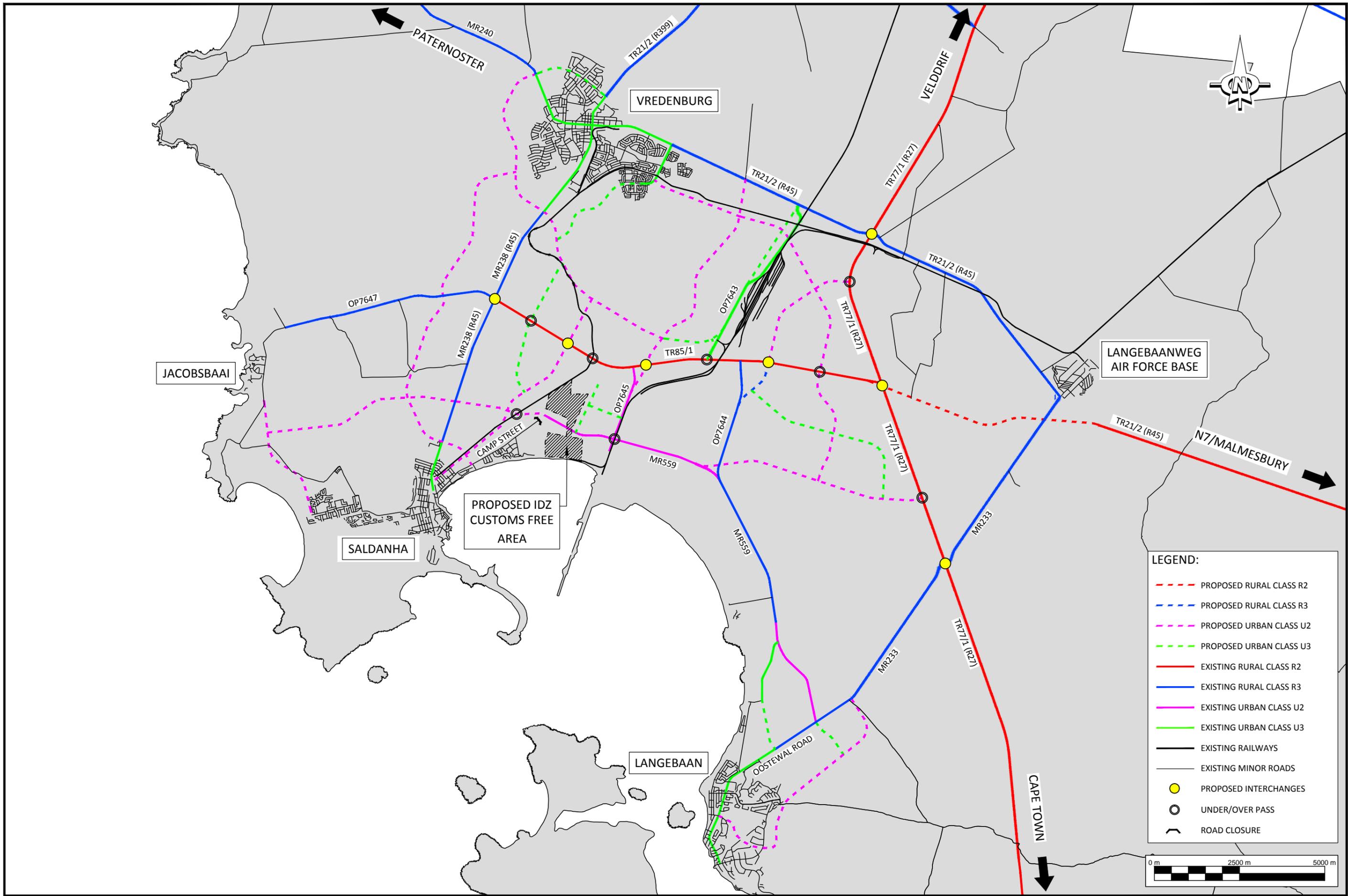
 Compiled By: C.Badenhorst
 Date : 13/07/2016

Legend			
	Transmission_SS_Site_A		Aur-Blo Alt3 Line 1
	Transmission_SS_Site_D		Aur-Blo Alt3 Line 2
	Transmission_SS_Site_F		Buffer_of_Aur-Blo_Alt3
	Distribution_SS_Site_A		Aur-Blo Alt4 Line 1
	Distribution_SS_Site_B		Aur-Blo Alt4 Line 2
	Distribution_SS_Site_C		Buffer_of_Aur-Blo_Alt4
			Aur-Blo Alt6 Line 1
			Buffer_of_Aur-Blo_Alt6
			132KV DX Line Alts
			Buffer_of_132KV_DX_Line_Alts
			Substation
			MTS Lines
			DX HV Lines
			Roads
			Cadastral

**Saldanha Strengthening
 Site & Lines Locality Map**

0 0.5 1 2 3 4
 Kilometers

Page 1 of 1
 Rev 0

Gabriele Wood

From: Barry Reid <Barry.Reid@rhdhv.com>
Sent: 27 October 2016 10:17
To: gabriele@savannahsa.com
Subject: Saldanha Bay Network Strengthening - Registration on Project Database
Attachments: logo_top.jpg; greenlogo.jpg



Dear Gabriele,

Thank you for our discussion earlier. I would like to register on the Saldanha Bay Network Strengthening project database. We are actively working in the area and have a keen interest in the electrical aspects of the proposed network strengthening.

My contract details are included in my signature below.

Sincerely,
Barry

Barry Reid PrEng, GCC (Mines)
Specialist: Electrical Engineer

T +27 (0)21 9367600 | D +27 (0)21 936 7647 | M +27 (0)82 8551560 | E Barry.Reid@rhdhv.com | W www.rhdhv.co.za
Royal HaskoningDHV (Pty) Ltd trading as Royal HaskoningDHV | Reg No. 1966/001916/07
Royal HaskoningDHV House, Tygerberg Park, 163 Uys Krige Drive, Platteklouf, 7500
PO Box 5195, Tyger Valley, 7536, Western Cape, South Africa



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Gabriele Wood

From: Mark Maynard <stan@kropz.com>
Sent: 27 October 2016 22:01
To: gabriele@savannahSA.com
Subject: Copy of the Draft EIA report-SALDANHA BAY NETWORK STRENGTHENING PROJECT, WESTERN CAPE PROVINCE DEA REF NO: 14/12/16/3/3/2/926
Attachments: EIA Public Meeting Invitation 18.02.2016.pdf

Dear Gabriele,

I represent Elandsfontein Mine and we are one of the Eskom customers who are supplied our power out of the Aurora Substation and would like to find out more about this proposed project.

Are you able to provide me with a copy of Draft EIA report mentioned in this invitation?

Regards

Mark Maynard | Engineering & Operations

E: stan@kropz.com | M: +27 83 653 7345 | T: +27 21 930 0927

www.kropz.com





agriculture, forestry & fisheries

Department:
Agriculture, Forestry and Fisheries
REPUBLIC OF SOUTH AFRICA

Private Bag X120, Pretoria, 0001
Delpen Building, C/o Annie Botha & Union Street, Riviera, 0084
From: Directorate Land Use and Soil Management
Tel: 012-319-7634 Fax: 012-329-5938 E-mail: ThokoB@daff.gov.za
Enquiries: Helpdesk Ref: 2016_04_0235

Savannah Environmental (Pty) Ltd
P. O. Box 148
SUNNINGHILL
2157

Attention: Mrs Gabriele Wood

APPLICATION FOR SALDANHA BAY NETWORK STRENGTHENING PROJECT ON REMAINDER, PORTIONS 3 AND 9 OF THE FARM YZERVARKENSRUG NO.129, REMAINDER OF PORTION 6 OF THE FARM MUISSHOND FONTEIN NO. 137, REMAINDER, PORTIONS 1, 3, 4 AND 6 OF THE FARM KLIPFONTEIN NO.139, THE FARM ADJOINING SPRINGFONTEIN NO. 174, REMAINDER, PORTIONS 1 AND 3 OF THE FARM KERBOSCH NO. 175, REMAINDER, PORTIONS 1 AND 3 OF THE FARM DRIEHOEKS FONTEIN NO. 176, REMAINDER AND PORTION 4 OF THE FARM SPRINGFONTEIN NO. 177, PORTIONS 3, 5 AND 8 OF THE FARM YZERFONTEIN NO. 178, THE FARM ZOUTEKUYLEN NO. 179, PORTION 1 OF THE FARM GROOT SPRINGFONTEIN NO. 180, THE FARM NO. 181, THE FARM WASCHKLIP NO. 183, PORTION 2 OF THE FARM KLEINEBERG NO. 184, PORTIONS 6, 7, 12 AND 19 OF THE FARM NO. 185, REMAINDER OF PORTION 1 AND PORTION 4 OF THE FARM LANGEBERG NO 187, REMAINDER OF PORTIONS 1, 2 AND 3 OF THE FARM UYEKRAAL NO. 189, PORTION 1 OF THE FARM EVERTS HOPE NO. 190, PORTIONS 2, 4 AND 5 OF THE FARM OLIPHANTS KOP NO. 191, REMAINDER OF THE FARM OS FONTEIN NO. 194, PORTIONS 1 AND 2 OF THE FARM NO. 195, REMAINDER OF PORTION 1 OF THE FARM 1029, THE FARM NO. 1038, THE FARM NO. 185, THE FARM NO. 1162 AND THE FARM NO. 1223, WESTERN CAPE PROVINCE

Your letter dated 14 April 2016 refers.

With reference to the above-mentioned matter, the department wishes to inform you that it has no objection against the proposed Saldanaha Bay Network Strengthening Project on condition that no development takes place on cultivated areas and that rehabilitation is done afterwards.

This comment does not exempt any person from any provision of any other law, with special reference to the Conservation of Agricultural Resources Act, 1983 (Act 43 of 1983) and does not purport to interfere with the rights of any person who may have an interest in the agricultural land.

Yours faithfully

DR M.E TAU
DEPUTY DIRECTOR-GENERAL: FORESTRY
AND NATURAL RESOURCES MANAGEMENT
DELEGATE OF THE MINISTER

DATE: 19.10.2016

Our Ref: HM/SALDANHA BAY/FARM SPRINGFONTEIN, DRIHOESKONTEIN,
YZERFONTEIN, ZOUTEKUILEN, WASCHKLIP AND LANGEBERG
Case No.: 15091511GT0916M
Enquiries: Andrew September
E-mail: andrew.september@westerncape.gov.za
Tel 021 483 9543
Date: 18 November 2016

Jayson Orton
6A Scarborough Road
Muizenberg
7945
jayson@asha-consulting.co.za

FINAL COMMENT
In terms of Section 38(8) of the National Heritage Resources Act (Act 25 of 1999) and the Western Cape Provincial Gazette 6061, Notice 298 of 2003

HERITAGE IMPACT ASSESSMENT: PROPOSED 400KV & 132KV POWERLINE AND SUBSTATION ON VARIOUS FARM PORTIONS, SALDANHA BAY MUNICIPALITY, SUBMITTED IN TERMS OF SECTION 38(8) OF THE NATIONAL HERITAGE RESOURCES ACT (ACT 25 OF 1999)

CASE NUMBER: 15091511GT0916M

The matter above has reference.

Heritage Western Cape is in receipt of your application for the above matter received on 24 October 2016. This matter was discussed at the Impact Assessment Committee (IACOM) meeting held on 9 November 2016.

FINAL COMMENT

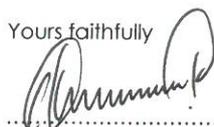
The integrated report is approved and the Committee supports transmission line alternative 3, transmission substation alternative A and distribution substation alternative A, subject to the following conditions:

- If transmission line alternatives 4 or 6 are authorized, then archaeological mitigation of the historic ruins must take place under a workplan approved by HWC if they cannot be preserved *in situ*;
- Full-time palaeontological monitoring of both authorized substation foundations (any alternatives) during construction of camps, roads and any other infrastructure and *ad hoc* monitoring of power line foundations is required under a workplan approved by HWC. The workplan must include provision for the collection and recording of any fossils unearthed during construction;
- Training in the identification of fossils must be provided to project staff (construction workers, excavator operators and the ECO) who should be instructed to watch for fossils and report any discoveries;
- Any fossil material recovered during the course of the project should be properly recorded and then lodged with an appropriate approved repository; and
- If any further archaeological and/ or palaeontological material or human burials are uncovered during the course of development then work in the immediate area must be halted. The find would need to be reported to the heritage authorities and may require inspection by an archaeologist or palaeontologist. Such heritage is the property of the state and may require excavation and curation in an approved collection repository.

HWC reserves the right to request additional information as required.

Should you have any further queries, please contact the official above and quote the case number.

Yours faithfully



.....
Mr. Mxolisi Dlamuka
Chief Executive Officer, Heritage Western Cape www.westerncape.gov.za/cas



**Western Cape
Government**
Environmental Affairs and
Development Planning

Directorate: Development Management
Region 1

REFERENCE NUMBER: 16/3/3/6/4/2/1/F4/17/3300/16

ENQUIRIES: MS. K. ADRIAANSE

DATE OF ISSUE: 2016 -11- 29

The Director
Savannah Environmental (Pty) Ltd.
P.O. Box 148
SUNNINGHILL
2157

For Attention: Ms. G. Wood

Tel: (011) 656 3237
Fax: (086) 684 0547

Dear Madam

ACKNOWLEDGEMENT: THE DRAFT ENVIRONMENTAL IMPACT ASSESSMENT REPORT FOR THE PROPOSED DEVELOPMENT OF SUBSTATIONS, POWERLINES AND ASSOCIATED INFRASTRUCTURE FOR THE SALDANHA BAY NETWORK STRENGTHENING PROJECT, WESTERN CAPE.

The draft Environmental Impact Assessment Report ("EIAR") dated November 2016 and received by this Department on 21 November 2016, refers.

1. This letter serves as an acknowledgement of receipt of the draft EIAR by this Directorate.
2. This Directorate will now review the draft EIAR and provide comments on the draft EIAR within the specified commenting period.

This Department reserves the right to revise or withdraw comments or request further information based on any information received.

Your interest in the future of our environment is greatly appreciated.

Yours faithfully



HEAD OF DEPARTMENT

Copies to: (1) Ms. A. La Meyer (DEA&DP – Directorate: Development Facilitation)
(2) Ms. N. Duarte (Saldanha Bay Municipality)

Fax: (021) 483 4185
Fax: (022) 715 1518

SCIENTIFIC SERVICES

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website www.capenature.co.za
enquiries Alana Duffell-Canham
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email aduffell-canham@capenature.co.za
reference **SSD14/2/6/1/8/4/Eskom_NetworkStrengthening_Aurora**
date **20 December 2016**

Gabriele Wood
Savannah Environmental (Pty) Ltd
PO Box 148
Sunninghill
2151

By email: gabriele@savannahsa.com

Dear Ms Wood

Re: Proposed Saldanha Bay Network Strengthening Project – Draft Environmental Impact Report and Environmental Management Programme.

DEA ref: 14/12/16/3/3/2/926

CapeNature would like to thank you for the opportunity to comment on the Draft Environmental Impact Report (DEIR) for this application and wish to make the following comments:

Impacts on terrestrial habitats:

1. The powerline route alternatives pass through an area covered largely by Saldanha Flats Strandveld. According to a more recent analysis (than that used for the NSBA 2011 listings) conducted by CapeNature Saldanha Flats Strandveld should be considered as Endangered under criterion A1 (loss of habitat). All of the powerline alternatives will also pass through a substantial area containing Hopefield Sand Fynbos in good condition in the eastern portion of the proposed powerline route.
2. The Ecological Assessment Report mentions that four vegetation types are found in the study area but the report fails to describe Hopefield Sand Fynbos or the conservation significance thereof. This is a serious omission as the area of highest conservation concern is the area containing Hopefield Sand Fynbos around the Aurora substation. It should be noted that other botanical studies in the vicinity of Aurora substation have found up to 16 plant Species of Conservation Concern. CapeNature has low confidence in the findings of the specialist report for the eastern section of the powerline and is of the opinion that the impact ratings linked to habitat loss, fragmentation and loss of threatened species could possibly be much higher. The report should be revised accordingly.

The ecological impact assessment report also makes use of the terms “Red listed plant species” and “Species of Conservation Concern” interchangeably. Please note that all

plant species are now technically listed as Red listed species including those that are not threatened or rare. These terms are not interchangeable and specific reference must be made to Species of Conservation Concern (SCC). Species of Conservation Concern are species that have a high conservation importance in terms of preserving South Africa's high floristic diversity and include not only threatened species, but also those classified in the categories Extinct in the Wild (EW), Regionally Extinct (RE), Near Threatened (NT), Critically Rare, Rare, Declining and Data Deficient - Insufficient Information (DDD). It should also be noted that not all species listed as protected are threatened or vice versa.

3. The section of the route covered by Hopefield Sand Fynbos has been determined as a Critical Biodiversity Area (CBA) and is required to meet conservation targets for the region and is of high conservation value. Hopefield Sand Fynbos has also undergone an analysis by our conservation planner which showed that this vegetation type still qualifies for listing as a Vulnerable habitat although it is very close to qualifying as Endangered under criterion A1 (remaining extent) and could possibly qualify as Endangered under criterion D1 (number of threatened species associated with this habitat). Other vegetation in the study area includes patches of Saldanha Granite Strandveld and Saldanha Limestone Strandveld. Both of these vegetation types are threatened and are known to contain unique habitats and species assemblages and should therefore be avoided. These areas have also been determined as Critical Biodiversity Areas.
4. Poor vegetation management under and in close proximity to power lines is one of the main causes of loss of biodiversity associated with power lines. Vegetation is often brush cut or mowed unnecessarily resulting in a loss of diversity over time. In our previous comments it was recommended that a Vegetation Management Plan be compiled to address the management of the vegetation under the power line. Although the Comments and Response Report states that "a site-specific vegetation management plan will form part of the EMPr for the project", the EMPr does not appear to contain any operational vegetation management requirements. This should be an essential part of the application in order to assess whether impacts on vegetation can be reduced to acceptable levels. The vegetation management plan will need to be more specific than Eskom's Transmission Management Guideline which is rather generic.
5. The feasibility and appropriateness of certain of the mitigation measures proposed in the Ecological Impact Assessment Report are also questionable. For example, the recommendation that any protected plants that are destroyed must be replaced at a ratio 1:10. Where are these plants going to be obtained from? Relocation of plants from one area to another creates additional disturbance in both areas and one cannot simply take plants from a nursery due to the possibility of genetic contamination.
6. The EMPr also contains vague recommendations such as minimising footprints and using existing roads "as far as possible" and recommendations need to be more specific. Construction camps and laydown areas must only be located in previously transformed areas. All access roads must be approved by a botanical specialist prior to construction commencing. If new access roads are required these should be groundtruthed and approved by a local botanist who is highly familiar with the vegetation types and Species of Conservation Concern found in the area.

Impacts on avifauna:

7. Although there is a fair amount of consideration for reducing the potential for bird collisions with the proposed powerlines, the main mitigation being use of anti-collision markers, additional consideration needs to be given to the impacts that may arise as a

result of clearing of natural vegetation. For example, the Southern Black Korhaan is highly prone to impacts that may arise as a result of habitat loss and fragmentation. Thus species is currently listed as Vulnerable and populations are thought to be steadily declining. Construction should be avoided during the main breeding season (late August to November) especially in the eastern part of the powerline route. The way in which vegetation is managed and whether any additional roads will be constructed will also affect the extent to which this species is impacted.

Impacts on wetlands:

8. From the information provided it appears that impacts on any wetlands should be able to be avoided for the substations and powerlines as it should be able to site these structures some distance from the wetlands in the area.

Conclusion:

9. The preferred sites for the transmission and distribution substations appear to be previously disturbed and there are no significant constraints with regard to impacts on biodiversity on these sites.
10. Information regarding the powerline route, particularly in the eastern section of the study area is lacking in detail and site specific operational management measures are also not provided. The Environmental Management Programme (EMPr) must be updated to include detailed powerline servitude vegetation management measures/requirements.

CapeNature cannot support this application in its current format. We will review our decision once the requested additional information as discussed above has been included.

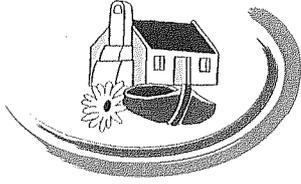
CapeNature reserves the right to revise initial comments and request further information based on any additional information that may be received.

Yours sincerely



Alana Duffell-Canham
For: Manager (Scientific Services)

Cc: Milicent Solomons and Jay-Jay Mpelane, Department of Environmental Affairs
Keagan-Leigh Arendse, Department of Environmental Affairs and Development Planning Western Cape



SALDANHA BAAI
BAY
MUNISIPALITEIT | MUNICIPALITY | uMASIPALA

12/1/2/71
REF NO:

N Duarte, Ms

ENQUIRIES:

DEA ref: 14/12/16/3/3/2/926

Savannah Environmental Pty Ltd

Ms Jo-anne Thomas

PO Box 148

Sunninghill

2157

REGISTERED MAIL

info@savannahsa.com

Dear Madam

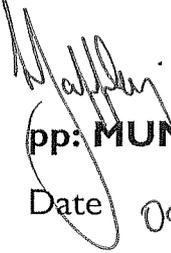
**DRAFT EIA REPORT: SAVANNAH ENVIRONMENTAL EIA REPORT:
SALDANHA BAY STRENGTHENING PROJECT**

1. The Draft EIA Report: Savannah Environmental EIA Report: Saldanha Bay Strengthening Project dated November 2016 refers.
2. Please ensure that the facilities used for accommodation are authorised for this purpose in terms of the zoning stipulated in the applicable Zoning Scheme.
3. Relocated species must be translocated to an undisturbed area which will be suitable for its proliferation.
4. How can the unauthorised use of service roads be prevented?

T: (022) 701 7000 • F: (022) 715 1518
mun@sbm.gov.za • www.sbm.gov.za
Private Bag X12 • Vredenburg • 7380

Serve, Grow and Succeed Together

5. The Saldanha Bay Municipality has a waste recycling facility and would appreciate sorting waste at source. Please contact david.wright@sbm.gov.za 022 701 6988 for further information.



pp: **MUNICIPAL MANAGER**

Date 09-01-2017

REFERENCES:

16/3/3/6/4/2/1/F4/17/3102/16 (Development Management)
19/2/5/3/F4/18/WL0134/16 (Waste Management)
19/4/4/BS1- Network strengthening project – Saldanha Bay (Air Quality Management)

DATE: 9 January 2017

The Board of Directors
Savannah Environmental (Pty) Ltd
P.O. Box 148
SUNNINGHILL
2157

For attention: Ms Gabriele Wood

Tel: (011) 656 3237
E-mail: gabriele@savannahsa.com

Dear Madam

**COMMENT ON THE DRAFT ENVIRONMENTAL IMPACT ASSESSMENT REPORT FOR THE PROPOSED
ESKOM NETWORK STRENGTHENING PROJECT: DEVELOPMENT OF TRANSMISSION AND DISTRIBUTION
SUBSTATIONS AND POWER LINES, UPGRADE AND EXTENSION OF THE AURORA SUBSTATION AND
DECOMMISSIONING OF THE BLOUWATER SUBSTATION WITHIN THE SALDANHA BAY AREA (DEA
REFERENCE: 14/12/16/3/3/2/926)**

1. The Draft Environmental Impact Assessment ("EIA") Report dated November 2016 that was received by the Department on 21 November 2016, refers. The following consolidated comment by various directorates in Department is hereby offered.
2. Directorate: Development Management (Region 1) – Keagan-leigh Adriaanse (Keagan-leigh.Adriaanse@westerncape.gov.za; Tel: (021) 483 3763):
 - 2.1 The activity description must be amended to include a description of the following:
 - 2.1.1 The development and/or widening of roads; and
 - 2.1.2 The estimated volume of dangerous goods that will be stored on site during the development phase.

- 2.2 It is noted that the Draft EIA Report has been made available for public review from 18 November 2016 until 9 January 2017. However, page x of the Draft EIA Report indicates that said report is made available for review from 18 December 2016 to 9 January 2017. This typographical error must be corrected in the Final EIA Report to be submitted to the competent authority.
- 2.3 The following amendments to the Environmental Management Programme ("EMPr") are required:
- 2.3.1 The vegetation management plan (as recommended by CapeNature in their correspondence dated 13 May 2016) must be included in the EMPr.
- 2.3.2 The recommendations of all the specialists contained in the various specialist studies must be included in the EMPr.
- 2.3.3 The contact details of Heritage Western Cape must be included in the EMPr to facilitate actions in the event that heritage resources are uncovered during the construction phase of the proposed development.
- 2.3.4 The EMPr must outline the procedure for incidents or emergency situations in terms of Section 30 and Section 30A of the National Environmental Management Act, 1998 (Act No. 107 of 1998) ("NEMA"), respectively.
- 2.3.5 The EMPr (Objective 9) indicates that a storm water management plan will be compiled during the pre-development phase. It is recommended that the storm water management plan be compiled and included in the EMPr.
- 2.3.6 It is further noted that an emergency maintenance operational plan will be compiled during the construction phase of the proposed development (Objective 6 of the EMPr). It is recommended that the emergency maintenance operational plan be included as part of the EMPr.
3. Directorate: Waste Management – Muneeb Baderoon (Muneeb.Baderoon@westerncape.gov.za; Tel: (021) 483 2965):
- 3.1 Although the EMPr comprehensively addresses waste management, this Directorate wishes to emphasise that waste generated during the construction and operational phases of the proposed development that cannot be reused or recycled, must be disposed of at a waste disposal facility suitably licensed to accept such waste. Additionally, waste disposal certificates must be made available to this Directorate upon request.
- 3.2 Your attention is drawn to Schedule 3 of the National Environmental Management: Waste Act, 2008 (Act No. 59 of 2008) ("NEM:WA"), which defines and identifies categories and waste types. Category A, Section 15 of Schedule 3 identifies certain types of construction waste as hazardous waste (e.g. wastes from other construction and demolition, discarded metals, etc.). Such wastes must be stored in hazardous waste containers and disposed of at a hazardous waste facility (i.e. it may not be disposed of with non-hazardous construction waste). Please also note that general waste and the non-hazardous portion of construction waste must be stored, reused (where possible) and disposed of separately, as the general construction waste will most likely be used for cover material at a waste disposal facility.

4. Directorate: Air Quality Management – Peter Harmse (Peter.Harmse@westerncape.gov.za; Tel: (021) 483 8343):
- 4.1 Dust and exhaust emissions will be generated during the construction phase of the proposed development, which could result in significant nuisance conditions. The applicant must comply with the National Dust Control Regulations (Government Notice (“GN”) No. R. 827) of 1 November 2013, promulgated in terms of the National Environmental Management: Air Quality Act, 2004 (Act No. 39 of 2004). These regulations prohibit a person from conducting any activity in such a way as to give rise to dust in such quantities and concentrations that the dust, or dust fall, may have a detrimental effect on the environment, including health.
- 4.2 Table 3.4 of the Draft EIA Report and Appendix A of the EMPr must be amended to indicate that noise generated during the proposed development must comply with the Western Cape Noise Control Regulations (Provincial Notice 200/2013) of 20 June 2013 (and not the Noise Control Regulations of 1998). The applicable requirements of the 2013 Noise Control Regulations must be indicated in both documents.
- 4.3 The mitigation measures related to dust and noise impact reduction as indicated in the Draft EIA Report and EMPr must be implemented.
- 4.4 The applicant is reminded of his requirement to comply with the “*Duty of care*” principle as defined in Section 28 of the NEMA by taking reasonable measures to ensure that the proposed development does not cause significant pollution or degradation of the environment.
5. Directorate: Pollution and Chemicals Management – Najah Ben Jeddou (Najah.BenJeddou@westerncape.gov.za / Zayed.Brown@westerncape.gov.za; Tel: (021) 483 8367):
- 5.1 The Draft EIA Report and EMPr do not provide specific information with regards to the decommissioning of the Blouwater substation and deal with this matter in very general terms. This Directorate notes that the proposed new distribution substation will replace the existing Blouwater substation and that the Blouwater substation will only be decommissioned once the new distribution substation has been constructed and commissioned.
- 5.1.1 This Directorate cannot support the inclusion of the decommissioning of the Blouwater substation as part of the EIA application in the absence of proof that the site is not significantly contaminated. To this end, at least a preliminary assessment should be conducted to assess whether the site could potentially be significantly contaminated or not.
- 5.1.2 Should the preliminary assessment indicate that the Blouwater substation site could potentially be significantly contaminated, then the decommissioning of the Blouwater substation will have to be conducted in compliance with the requirements of Part 8 of Chapter 4 of the NEM:WA.
- 5.2 Table 3.1, page 20 of the Draft EIA Report incorrectly quotes Activity 12 of GN No. R. 985 of 4 December 2014, by referring to “75% of indigenous vegetation”. Kindly note that the correct activity description is “*The clearance of an area of 300 square metres or more of indigenous vegetation*”.

except where such clearance of indigenous vegetation is required for maintenance purposes undertaken in accordance with a maintenance management plan." The Final EIA Report must be amended to reflect the correct activity description.

- 5.3 The EMPr fails to address how transformer oil will be handled to avoid soil contamination and spills which could affect nearby valley bottom wetlands and depressions. This significant impact must be included and addressed in the EMPr.
6. Please direct all enquiries to the officials indicated in this correspondence should you require any clarity on any of the issues/comments provided.
7. The Department reserves the right to revise initial comments and request further information based on any or new information received.

Yours faithfully

A handwritten signature in black ink, appearing to read 'Jay-Jay Mpelane', with a horizontal line underneath.

pp **HEAD OF DEPARTMENT**

DEPARTMENT OF ENVIRONMENTAL AFFAIRS AND DEVELOPMENT PLANNING

CC: Mr Jay-Jay Mpelane (DEA)

E-mail: jmpelane@environment.gov.za

**COMMENTS RECEIVED ON THE
REVISED DRAFT EIAr**



**Western Cape
Government**

Environmental Affairs and
Development Planning

Directorate: Development Management
Region 1

REFERENCE NUMBER: 16/3/3/6/4/2/1/F4/17/3020/17
ENQUIRIES: MS. K. ADRIAANSE

DATE OF ISSUE: 08 FEB 2017

The Director
Savannah Environmental (Pty) Ltd.
P.O. Box 148
SUNNINGHILL
2157

For Attention: Ms. G. Wood

Tel: (011) 656 3237
Fax: (086) 684 0547

Dear Madam

ACKNOWLEDGEMENT OF RECEIPT OF THE REVISED ENVIRONMENTAL IMPACT ASSESSMENT REPORT FOR THE PROPOSED DEVELOPMENT OF SUBSTATIONS, POWERLINES AND ASSOCIATED INFRASTRUCTURE FOR THE SALDANHA BAY NETWORK STRENGTHENING PROJECT, WESTERN CAPE.

The revised Environmental Impact Assessment Report ("EIAR") dated January 2017 and received by this Department on 31 January 2017, refers.

1. This letter serves as an acknowledgement of receipt of the revised EIAR by this Directorate.
2. This Directorate will now review the revised EIAR and provide comments on the revised EIAR within the specified commenting period.

This Department reserves the right to revise or withdraw comments or request further information based on any information received.

Your interest in the future of our environment is greatly appreciated.

Yours faithfully



HEAD OF DEPARTMENT

Copies to: (1) Ms. A. La Meyer (DEA&DP – Directorate: Development Facilitation)
(2) Ms. N. Duarte (Saldanha Bay Municipality)

Fax: (021) 483 8311
Fax: (022) 715 1518

Gabriele Wood

From: Jo-Anne Thomas <joanne@savannahsa.com>
Sent: 09 February 2017 12:05
To: Gabriele Wood
Subject: FW: EIA PROCESS - SALDANHA BAY NETWORK STRENGTHENING PROJECT, WESTERN CAPE PROVINCE DEA REF NO: 14/12/16/3/3/2/926 - NOTIFICATION OF AVAILABILITY OF REVISED ENVIRONMENTAL IMPACT ASSESSMENT REPORT FOR REVIEW
Attachments: Locality RE_187 and Ptn 1_187 met lugfoto.pdf; SBNS Revised DEIAr Notification 27.01.2017.pdf

See below.

Jo-Anne Thomas

Director | Savannah Environmental (Pty) Ltd
Tel: +27 11 656 3237 | Fax: +27 86 684 0547 | Cell: +27 82 775 5628

From: Lisa Pizzut-Nel [mailto:lisa@savannahsa.com]
Sent: 09 February 2017 11:08
To: joanne@savannahsa.com
Subject: FW: EIA PROCESS - SALDANHA BAY NETWORK STRENGTHENING PROJECT, WESTERN CAPE PROVINCE DEA REF NO: 14/12/16/3/3/2/926 - NOTIFICATION OF AVAILABILITY OF REVISED ENVIRONMENTAL IMPACT ASSESSMENT REPORT FOR REVIEW

Hi Jo-Anne

This gentleman called earlier regarding the below, I advised he could send me the details and I would forward it on.

Lisa Pizzut-Nel

Office & Admin Manager | Savannah Environmental (Pty) Ltd
Tel: +27 11 656 3237 | Fax: +27 86 684 0547

From: Bennemeer, Teunis: Absa [mailto:Teunis.Bennemeer@absa.co.za]
Sent: 09 February 2017 10:55 AM
To: lisa@savannahsa.com
Cc: bernab@telkomsa.net; Olivier, Tersia: Absa <Tersia.Olivier@absa.co.za>
Subject: FW: EIA PROCESS - SALDANHA BAY NETWORK STRENGTHENING PROJECT, WESTERN CAPE PROVINCE DEA REF NO: 14/12/16/3/3/2/926 - NOTIFICATION OF AVAILABILITY OF REVISED ENVIRONMENTAL IMPACT ASSESSMENT REPORT FOR REVIEW

Good morning Lisa

We refer to our telephone conversation and confirm that Absa Trust Limited together with Ms HC Pieterse act as the trustees of the trust known as "The BJ Pieterse Testamentary Trust"

As trustees we would like to highlight the fact that according to our records the BJ Pieterse Testamentary Trust only holds RE/187 and RE1/187 of farm Langeberg. [Please see the second attachment]

The other portions RE4/187 and 11/187 according to your diagram were sold year ago and does not form part of the trusts properties any more.

Kindly amend your diagram and distribute to all relevant shareholders.

Kind regards

Teunis Bennemeer | Trust Manager | Absa Trust
Tel +27 (0)11 225 8436 | Fax 086 753 4373 | Email teunis.bennemeer@absa.co.za
Address - Barclays Pretoria Campus, 337 Petroleum Street, Waltloo, Pretoria, 0184
PO Box 2697 | Pretoria | 0001.

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CONFIDENTIAL

Dear Berna

Please see the updated map showing the properties owned by the Pieterse Barend Trust (highlighted in yellow). These include:

- Langeberg 1/187
- Langeberg RE/187
- Langeberg 4/187

The blue block (Transmission sub-station Site D) is one of the sub-station options being considered within the EIA and is proposed to be located on Portion 1 of Langeberg 187.

Kind regards

Gabriele Wood
Public Participation and Social Consultant | Savannah Environmental (Pty) Ltd
Tel: +27 11 656 3237 | Fax: +27 86 684 0547

From: Gabriele Wood [<mailto:gabriele@savannahsa.com>]
Sent: Friday, 27 January 2017 1:33 PM
To: undisclosed-recipients:
Subject: EIA PROCESS - SALDANHA BAY NETWORK STRENGTHENING PROJECT, WESTERN CAPE PROVINCE DEA REF NO: 14/12/16/3/3/2/926 - NOTIFICATION OF AVAILABILITY OF REVISED ENVIRONMENTAL IMPACT ASSESSMENT REPORT FOR REVIEW

Dear Stakeholder

The Environmental Impact Assessment (EIA) process for the Saldanha Bay Network Strengthening Project (DEA Ref: 14/12/16/3/3/2/926) currently being undertaken by Savannah Environmental on behalf of Eskom SOC Limited has reference.

Following comments received from Interested and Affected Parties (I&APs) during the 30-day review period of the draft EIA Report, a number of changes to the report were required to be made and new information has been included in the final EIA Report prior to submission of this report to the Department of Environmental Affairs. A Revised EIA Report has been prepared in terms of the EIA Regulations of 2014, GN R982,

Regulation 23(1). The Revised EIA Report is available for review from **27 January 2017 – 27 February 2017**. Please refer to the attached notification letter for further details in this regard.

Please do not hesitate to contact me if you have any queries in this regard.

Kind regards,

Mrs Gabriele Wood

Public Participation and Social Consultant

Savannah Environmental (Pty) Ltd

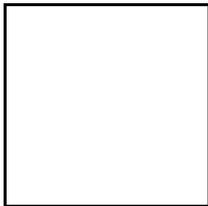
Tel: 27 11 656 3237

Fax: 086 684 0547

Email: gabriele@savannahsa.com

www.savannahsa.com

lisa@savannahsa.com



This email has been checked for viruses by Avast antivirus software.

www.avast.com

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Lisa Pizzut-Nel

Office & Admin Manager

Email: lisa@savannahsa.com

www.savannahSA.com

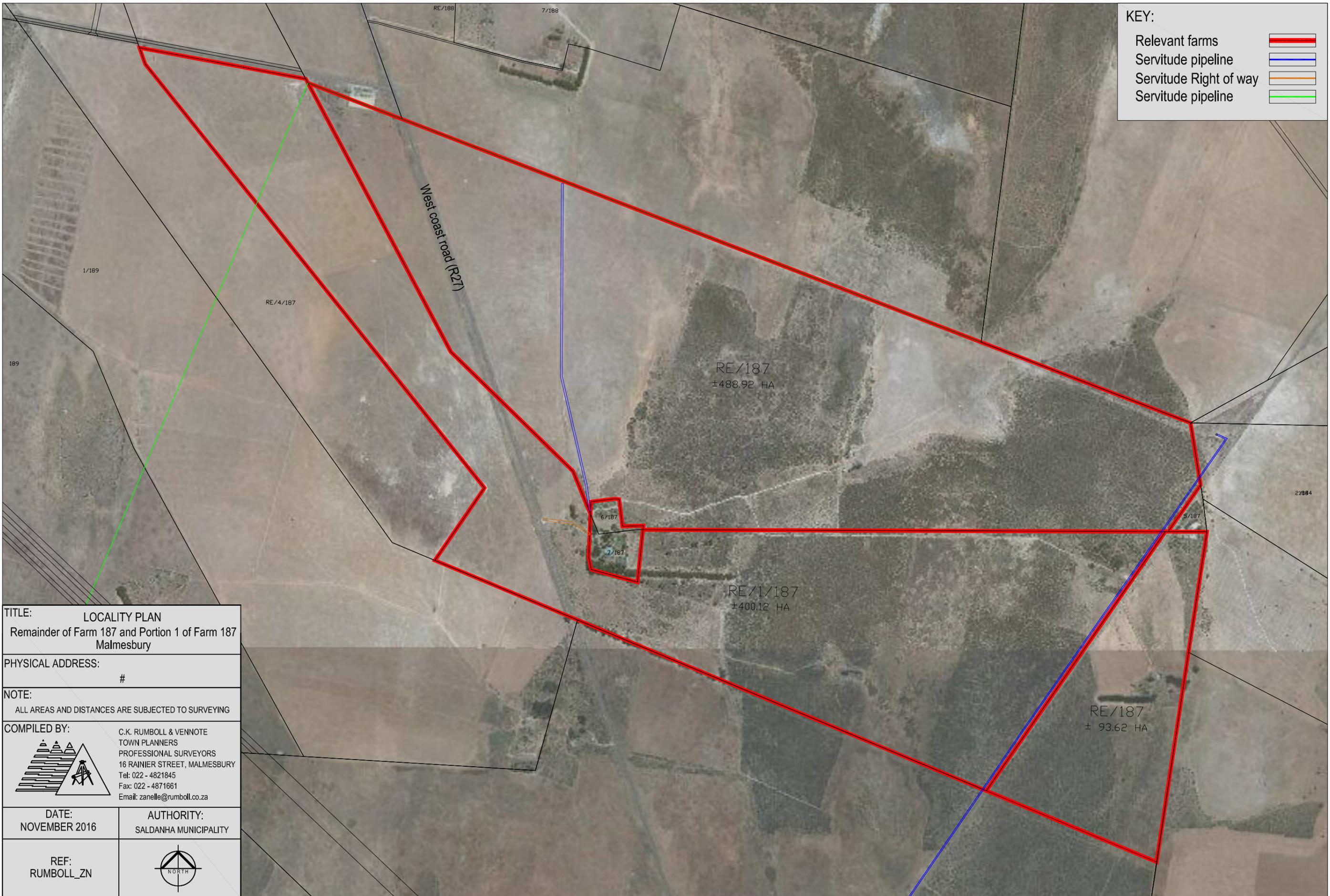


Tel: +27 11 656 3237 | Fax: +27 86 684 0547 | P.O. Box 148, Sunninghill, 2157
1st Floor, Block 2, 5 Woodlands Drive Office Park, Woodlands Drive, Woodmead, 2191

Awarded Leading Environmental Consultant on Wind Projects in 2013 & 2015 (SAWEA)

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KEY:

- Relevant farms
- Servitude pipeline
- Servitude Right of way
- Servitude pipeline

TITLE: LOCALITY PLAN	
Remainder of Farm 187 and Portion 1 of Farm 187 Malmesbury	
PHYSICAL ADDRESS:	
#	
NOTE:	
ALL AREAS AND DISTANCES ARE SUBJECT TO SURVEYING	
COMPILED BY:	
	C.K. RUMBOLL & VENNOTE TOWN PLANNERS PROFESSIONAL SURVEYORS 16 RAINIER STREET, MALMESBURY Tel: 022 - 4821845 Fax: 022 - 4871661 Email: zanelle@rumboll.co.za
DATE:	AUTHORITY:
NOVEMBER 2016	SALDANHA MUNICIPALITY
REF:	
RUMBOLL_ZN	

SCIENTIFIC SERVICES

postal Private Bag X5014 Stellenbosch 7599
physical Assegaaibosch Nature Reserve Jonkershoek
website www.capenature.co.za
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email aduffell-canham@capenature.co.za
reference **SSD14/2/6/1/8/4/Eskom_NetworkStrengthening_Aurora**
date **16 February 2017**

Gabriele Wood
Savannah Environmental (Pty) Ltd
PO Box 148
Sunninghill
2151

By email: gabriele@savannahsa.com

Dear Ms Wood

Re: Proposed Saldanha Bay Network Strengthening Project – Revised Environmental Impact Report and Environmental Management Programme.

DEA ref: 14/12/16/3/3/2/926

CapeNature would like to thank you for the opportunity to comment on the Revised Environmental Impact Report. Please read the following comments in conjunction with our previous comments dated 20 December 2016.

Revised Ecology Study:

Although Hopefield Sand Fynbos is described generally early in the report, the actual vegetation assessment (Section 4) is missing the description of Hopefield Sand Fynbos as will be impacted in the eastern-most section of the power line route.

Section 5.2.2 states that several Species of Conservation Concern were recorded on the site. There is a high likelihood that more could be present as the site visit was conducted at the least appropriate time of year (well into the hottest, driest period of the year). The specialist even concurs that further sampling is required in the correct season to determine more accurately if there are additional rare and threatened plant species on site.

Furthermore, it is not clear from the information provided the exact location and number of individual of each species that have been identified and that will be affected by the project and whether these can be avoided. It is important to note that many species do not survive search and rescue and those that may, still require intensive care for the initial phase of establishment.

Section 8.2.1 contains a table with impact ratings relating to loss of “SSC” (again confusion exists between terminology). Even after mitigation, the impacts are still rated as high – it is not clear how this rating was reached but if this is the case, this is a red flag that requires

The Western Cape Nature Conservation Board trading as **CapeNature**

Board Members: Ms Merle McOmbring-Hodges (Chairperson), Dr Colin Johnson (Vice Chairperson), Mr Mervyn Burton, Prof Denver Hendricks, Dr Bruce McKenzie, Adv Mandla Mdludlu, Mr Danie Nel, Prof Aubrey Redlinghuis, Mr Paul Slack, Prof Kamilla Swart-Arries

avoidance of the affected sites and/or additional mitigation such as an offset. The sentence above the table is also confusing as surely if something is globally important it would be considered locally important as well. Note that impacts on loss of biodiversity (general) and well as fragmentation and edge effects have also been rated as high after mitigation.

Species lists provided at a quarter degree scale are not particularly useful for an impact assessment of this nature.

Section 8.1 lists several mitigation measures. The first one states that clearing of vegetation should only be done within the designated reserve (within 50m of the line) – this allows for a very large corridor. This statement should rather be removed as it is contradictory to statements later on which state that only the height of the vegetation under the powerlines should be restricted and that no whole-scale vegetation should be done.

Avifauna:

We would like to reiterate that should this project receive authorisation, no construction should occur during the breeding season of the Southern Black Korhaan which is from August to November.

EMPr:

We are pleased to note that the operational requirements for vegetation management have been greatly improved compared to the previous version of the report. We are also pleased to note that the EMPr includes the requirement for all new access roads to be groundtruthed and approved by a local botanist who is highly familiar with the vegetation types and Species of Conservation Concern found in the area.

Conclusion:

Although there have been some improvements with regard to the information and recommendations provided in the report, it is still not clear what the exact extent of vegetation loss and impact on Species of Conservation Concern will be. CapeNature therefore strongly recommends that a follow-up spring botanical survey be conducted within the entire proposed power line footprint prior to authorisation and not only prior to construction. Only then will we be able to determine if the proposed mitigation will be sufficient.

CapeNature reserves the right to revise initial comments and request further information based on any additional information that may be received.

Yours sincerely



Alana Duffell-Canham
For: Manager (Scientific Services)

Cc: Milicent Solomons and Jay-Jay Mpelane, Department of Environmental Affairs

Keagan-Leigh Arendse, Department of Environmental Affairs and Development Planning Western Cape

The Western Cape Nature Conservation Board trading as **CapeNature**

Board Members: Ms Merle McOmbring-Hodges (Chairperson), Dr Colin Johnson (Vice Chairperson), Mr Mervyn Burton, Prof Denver Hendricks, Dr Bruce McKenzie, Adv Mandla Mdludlu, Mr Danie Nel, Prof Aubrey Redlinghuis, Mr Paul Slack, Prof Kamilla Swart-Arries

Gabriele Wood

From: Rod Boyes <Rod.Boyes@westerncape.gov.za>
Sent: 22 February 2017 14:45
To: Gabriele@SavannahSA.com
Cc: Lindsey.Gaffley@sbm.gov.za; Gary.Tomlinson@sbm.gov.za; Jeremy.Jarvis@sbm.gov.za; Johan.duPlessis@sbm.gov.za; Grace Swanepoel (Job 22543) : REVISED EIA : EXPANSION OF ESKOM ELECTRICAL NETWORK : SALDANHA BAY MUNICIPAL AREA : TRs 21/2, 77/1 & 85/1 & OPs 7643 & 7645 (Job 22543) TR85-1 TR77-1 TR21-2 EIA Eskom SBM PP 2017-02-22a.jpg
Subject:
Attachments:
Follow Up Flag: Follow up
Flag Status: Completed

Dear Ms Wood

1. Your correspondence with DEA Ref No 14/12/16/3/3/2/926 dated 27 January 2017, refers.
2. Comment is required on a revised EIA Report for the expansion of the Eskom electrical network in the Saldanha Bay Municipal area.
3. This Branch, the Road Authority of Trunk Roads 21/2, 77/1 & 85/1 and Minor Roads 7643 & 7645 in the vicinity of the development, has the following initial comments :-
 1. Where Proclaimed Provincial Roads will be affected by the electrical services and facilities, the necessary wayleave approvals must be obtained from this Branch;
 - This includes services within the 5m building line, within the 95m building restriction line and within the 500m radius building restriction line
 2. In terms of Roads Ordinance 19 of 1976 no new accesses may be built or existing access layouts or access uses changed without the approval of this Branch;
 3. Trunk Road 85/1 is to be extended to Trunk Road 21/2 in the vicinity of Langebaan Airforce Base;
 - Trunk Roads 85/1 is to be proclaimed as 60m in width for its whole length from Main Road 238 up to Trunk Road 21/2
 4. In terms of Section 9 of Act 21 of 1940 (Advertising & Ribbon Development Act) there is a 95m building restriction line along Trunk Road 77/1 as measured from the centre line of the road reserve;
 5. In terms of Section 9A of Act 21 of 1940 (Advertising & Ribbon Development Act), a 500m radius building restriction line is applicable to the intersection of Trunk Roads 77/1 & 85/1. The 500m radius is measured from the centre line of the intersections of Trunk Roads 77/1 & 85/1;
 - An interchange is to be constructed at the intersection of Trunk Roads 77/1 & 85/1
 - This interchange and the 500m radius building restriction will have an effect as to the location of Transmission SS Site "F"
 6. In terms of Section 17 of Roads Ordinance 19 of 1976, there is a statutory 5m building line applicable along all Trunk, Main, Divisional & Minor Roads as measured from the statutory boundary of the roads;
 7. There is a potential conflict between the proposed upgrading of the Blouwater Substation and the approved Saldanha Bay Road Master Plan for the greater Saldanha Bay area.
 - See attached locality sketch plan
4. Official signed comment will be sent to yourselves shortly.

Kind regards

Rod Boyes

*for the Chief Engineer: Land Transport
Transport and Public Works*

WESTERN CAPE GOVERNMENT

Office Contact Details (c/o Ms Grace Swanepoel)

Landline : 021 483 4669 (Ms Grace Swanepoel)

Email : Grace.Swanepoel@westerncape.gov.za

Fax: 021 483 2166

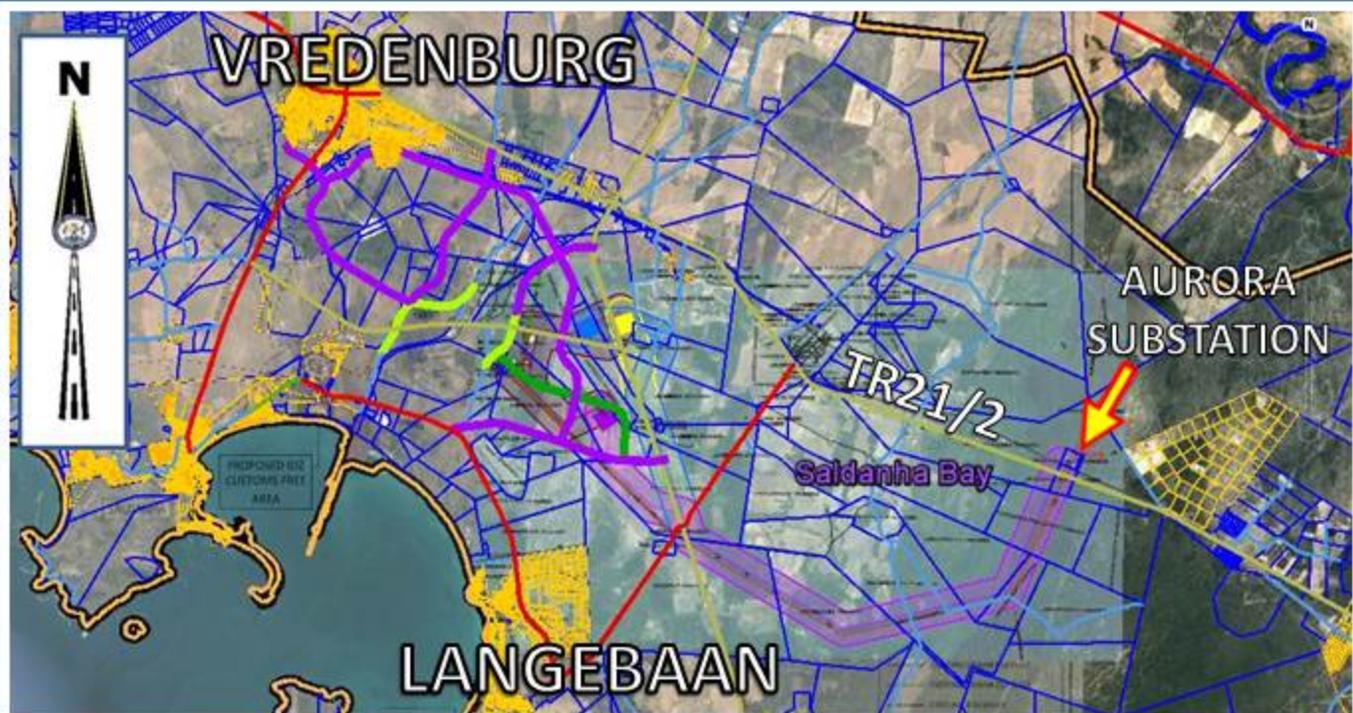
Postal Address: PO Box 2603, Cape Town, 8000

Street Address: Room 331, 9 Dorp Street, Cape Town, 8001

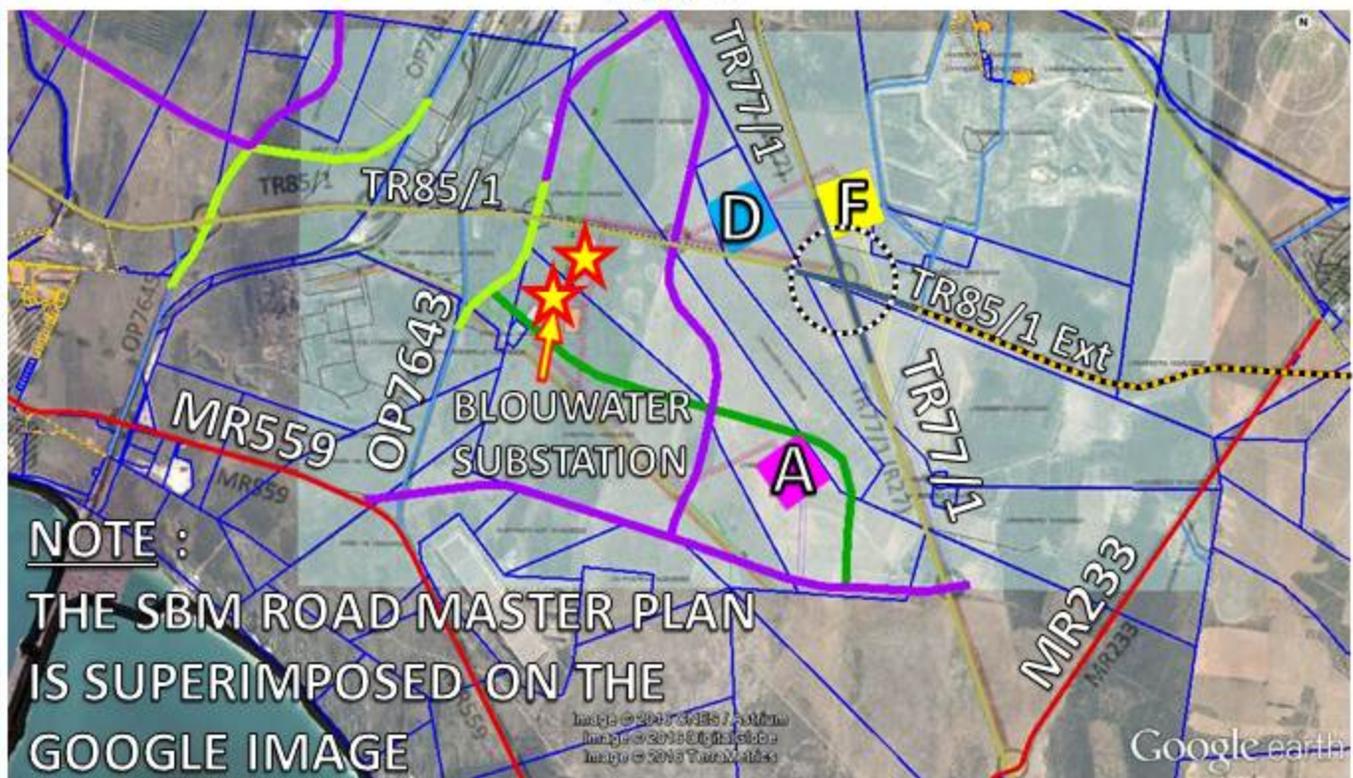
Road info Website : <https://rnis.pgwc.gov.za>

Landline of R Boyes 021 883 2705

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INSET



LOCALITY SKETCH PLAN

EIA : EXPANSION OF ESKOM ELECTRICAL NETWORK
 SALDANHA BAY MUNICIPAL AREA
 TR21/2, TR77/1, TR85/1, OP7643 & OP7645
 WILL BE AFFECTED

LEGEND

F	TRANSMISSION SS SITES F, D & A
D	
A	
★	BLOUWATER SUBSTATION EXTENSION



REFERENCE: 16/9/6/1-24/19 (Job 22543)

ENQUIRIES: Ms GD Swanepoel

DATE: 23 February 2017

The Director
Savannah Environmental (Pty) Ltd
PO Box 148
SUNNINGHILL
2157

Attention: Ms Gabriele Wood

Dear Madam

NOTICE OF REVISED EIA: EXPANSION OF ESKOM ELECTRICAL NETWORK: SALDANHA BAY MUNICIPAL AREA: TRUNK ROADS 21/2, 77/1 AND 85/1 AND MINOR ROADS 7643 AND 7645

1. The following refer:-
 - 1.1. Your correspondence with DEA Ref No 14/12/16/3/3/2/926 dated 27 January 2017 and
 - 1.2. The e-mail of 22 February 2017 from Mr Rod Boyes of this Branch.
2. Comment is required on a revised Environment Impact Assessment Report for the expansion of the Eskom electrical network in the Saldanha Bay Municipal area.
3. The proposed upgrades include the upgrading of the network between the Aurora Substation on Farm 176/3, Malmesbury and Farm 188, Malmesbury.
 - 3.1 Portions of Farms 174, 176, 179, 183, 187, 189, 190 etc will be affected.
4. This Branch, the Road Authority of Trunk Roads 21/2, 77/1 and 85/1 and Minor Roads 7643 and 7645 in the vicinity of the development, has the following initial comments:-
 - 4.1 Where Proclaimed Provincial Roads will be affected by the electrical services and facilities, the necessary wayleave approvals must be obtained from this Branch;
 - a) This includes services within the 5m building line, within the 95m building restriction line and within the 500m radius building restriction line

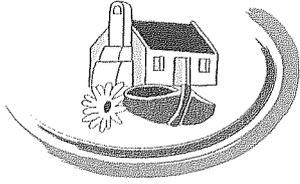
- 4.2 In terms of Roads Ordinance 19 of 1976 no new accesses may be built or existing access layouts or access uses changed without the approval of this Branch;
- a) No direct access will be given from Trunk Roads 77/1 and 85/1 to any electrical facilities including proposed Transmission SS Sites "A", "D" and "F". Access shall be via approved shared access roads
 - b) Minor Road 7643 is to be rerouted and access to the existing Blouwater Substation will need to be relocated
- 4.3 Trunk Road 85/1 is to be extended to Trunk Road 21/2 in the vicinity of Langebaan Airforce Base;
- a) Trunk Roads 85/1 is to be proclaimed as 60m in width for its whole length from Main Road 238 up to Trunk Road 21/2
 - b) To obtain the required 60m, the existing portion will be widened to the south by 20m
- 4.4 In terms of Section 9 of Act 21 of 1940 (Advertising & Ribbon Development Act) there is a 95m building restriction line along Trunk Road 77/1 as measured from the centre line of the road reserve;
- 4.5 In terms of Section 9A of Act 21 of 1940 (Advertising & Ribbon Development Act), a 500m radius building restriction line is applicable to the intersection of Trunk Roads 77/1 and 85/1. The 500m radius is measured from the centre line of the intersections of Trunk Roads 77/1 and 85/1;
- a) An interchange is to be constructed at the intersection of Trunk Roads 77/1 and 85/1
 - b) This interchange and the 500m radius building restriction will have an effect as to the location of Transmission SS Site "F"
 - c) Transmission SS Site "F" is shown on the "Saldanha Strengthening Site and Lines Map revision 0 within the EIA documentation
- 4.6 In terms of Section 17 of Roads Ordinance 19 of 1976, there is a statutory 5m building line applicable along all Trunk, Main, Divisional and Minor Roads as measured from the statutory boundary of the roads;
- 4.7 Saldanha Bay Municipality and this Branch have approved the Road Master Plan for the greater Saldanha Bay area;
- a) The proposed extension to the Blouwater substation will have a detrimental effect on the approved Road Master Plan
 - b) To resolve conflicts between the electrical and roads networks, the position of the proposed extension to the Blouwater substation must be discussed with this Branch

5. As this Branch is not opposed to the upgrading of electrical network in the Saldanha Bay area, it will comment in detail during the Land Use application stage.
- 5.1 In the interim cognisance must be taken of the above comments and conditions.

Yours faithfully



ML WATTERS
For **CHIEF DIRECTOR: ROAD NETWORK MANAGEMENT**



SALDANHA BAAI BAY
MUNISIPALITEIT | MUNICIPALITY | uMASIPALA

REF NO:

12/1/2/71

ENQUIRIES:

E Mmbadi

Mr

DEA REF NO: 14/12/16/3/3/2/926

Gabriel Wood

REGISTERED MAIL

SAVANNAH ENVIRONMENTAL
PO BOX 148
SUNNINGHILL
2157

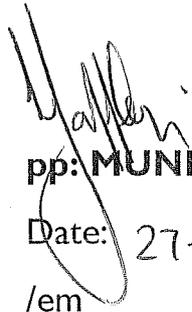
**RE: REVISED ENVIRONMENTAL IMPACT ASSESSMENT REPORT
FOR SALDANHA BAY NETWORK STRENGTHENING PROJECT,
WESTERN CAPE PROVINCE.**

1. The Revised Environmental Impact Assessment Report for Saldanha Bay Network Strengthening Project, Western Cape Province dated 27 January 2017 refers.
2. The Saldanha Bay Network Strengthening project is crucial for this area as it will cater for the expansion in demand and create sufficient capacity to evacuate all the potential renewable energy generation planned within the area. All these potential energy generators are located away from Aurora substation and the existing transmission lines. New servitude and access roads will be required, hence creating more impacts on biodiversity. The power lines coming from different

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Serve, Grow and Succeed Together

direction will create visual impacts. Understanding the needs and uniqueness of each energy generator the Saldanha Bay Municipality ("SBM") recommend that in future Eskom should advise with the location of such facilities and to also include transmission lines in their Environmental Impact Assessment applications.

A handwritten signature in black ink, appearing to read 'M. J. J. J.', is written over the typed name 'M. J. J. J.'.

pp: MUNICIPAL MANAGER

Date: 27-02-17

/em

REFERENCES:

- 16/3/3/6/4/2/1/F4/17/3020/17 (Development Management)
19/2/5/3/F4/18/WL0134/16 (Waste Management)
19/4/4/BS1- Network strengthening project – Saldanha Bay (Air Quality Management)

DATE: 27 February 2017

The Board of Directors
Savannah Environmental (Pty) Ltd
P.O. Box 148
SUNNINGHILL
2157

For attention: Ms Gabriele Wood

Tel: (011) 656 3237
E-mail: gabriele@savannahsa.com

Dear Madam

COMMENT ON THE REVISED ENVIRONMENTAL IMPACT ASSESSMENT REPORT FOR THE PROPOSED ESKOM NETWORK STRENGTHENING PROJECT: DEVELOPMENT OF TRANSMISSION AND DISTRIBUTION SUBSTATIONS, POWER LINES AND ASSOCIATED INFRASTRUCTURE; UPGRADE AND EXTENSION OF THE AURORA SUBSTATION AND THE DECOMMISSIONING OF THE BLOUWATER SUBSTATION WITHIN THE SALDANHA BAY AREA (DEA REFERENCE: 14/12/16/3/3/2/926)

1. The Draft Environmental Impact Assessment ("EIA") Report dated November 2016, the Department's comments thereto dated 9 January 2017 and the Revised EIA Report dated January 2017 that was received by the Department on 31 January 2017, refer. The following consolidated comment by various directorates in Department is hereby offered.
2. Directorate: Development Management (Region 1) – Keagan-leigh Adriaanse (Keagan-leigh.Adriaanse@westerncape.gov.za; Tel: (021) 483 3763):
 - 2.1 It is noted that an extension of the timeframe to submit the Final EIA Report to the competent authority was granted by the Department of Environmental Affairs ("DEA") on 21 September 2016 in accordance with regulation 3(7) of the EIA Regulations, 2014. Paragraph 3 of the correspondence from DEA indicates that "Based on a review of the reason for requesting an extension of timeframes

*to submit the reports, in terms of Chapter 2 Regulation 3(7) of the Environmental Impact Assessment Regulations 2014, this Department has decided to **grant** an additional 50 days, from the date of this letter to submit the final EIAr."*

- 2.1.1 The deadline to submit the Final EIA Report, as per regulation 23(1)(a) of the EIA Regulations, 2014, is calculated 106 days from the date of acceptance of the Final Scoping Report by the competent authority (i.e. 106 days from 13 July 2016). The Final EIA Report should therefore have been submitted to the DEA on or before 30 October 2016. It is unclear why the DEA granted the time extension request of 5 September 2016 since the Draft EIA Report should have been made available before 30 October 2016 in order to prove that the request for time extension is an "exceptional circumstance" as per regulation 3(7) of the EIA Regulations, 2014. The Draft EIA Report was only made available during November 2016, when the Final EIA Report should have been submitted to DEA already. Clarity on this matter is requested.
- 2.2 The Revised EIA Report does not contain any proof of correspondence to the competent authority notifying DEA that a Revised EIA Report has been released for an additional commenting period as per regulation 23(1)(b) of the EIA Regulations, 2014. It is thus unclear whether the legislated timeframes for the submission of the Final EIA Report to the DEA have been met as the Revised EIA Report does not provide any proof of notification to the competent authority. Clarity in this regard must be provided.
- 2.3 A detailed description of the proposed development with associated infrastructure (widening of roads and the storage of dangerous goods) has still not been provided. The following information must be provided in the Final EIA Report to be submitted to the competent authority:
 - 2.3.1 The estimated width and length of the proposed roads to be developed and the estimated width of the road reserve;
 - 2.3.2 An indication of which existing roads are proposed to be widened;
 - 2.3.3 The estimated width and length of the proposed roads to be widened;
 - 2.3.4 An indication of whether the proposed widening of the existing roads will occur within or beyond the existing road reserve; and
 - 2.3.5 The estimated volume of the dangerous goods that will be stored on site during the development phase (merely stating that more than 80m³ will be stored, is not sufficient).
- 2.4 The Comments and Responses Report ("CRR") included as Appendix C8 of the Revised EIA Report states that the Ecological Impact Assessment dated November 2016 (compiled by Afzelia Environmental Consultants) has been updated and amended to address the gaps and recommendations identified by CapeNature. The CRR further states that the Ecological Impact Assessment has been reviewed by an external specialist. A clear indication of the changes to the original specialist report (preferably underlined to indicate the changes) must be provided in the updated Ecological Impact Assessment. Please further note that the updated Ecological Impact Assessment dated January 2017 is still on the letterhead of Afzelia Environmental Consultants with no indication of it being reviewed by an external specialist. Clarity in this regard must be provided.

3. Directorate: Waste Management – Muneeb Baderoon (Muneeb.Baderoon@westerncape.gov.za; Tel: (021) 483 2965):
 - 3.1 This Directorate is satisfied that its comments on the Draft EIA Report have been considered and addressed in the Revised EIA Report. As such, this Directorate has no further comments on the Revised EIA Report.
4. Directorate: Air Quality Management – Peter Harmse (Peter.Harmse@westerncape.gov.za; Tel: (021) 483 8343):
 - 4.1 This Directorate notes that its comments on the Draft EIA Report were considered and have been addressed in the Revised EIA Report. No further comment is offered.
5. Directorate: Pollution and Chemicals Management – Zayed Brown (Zayed.Brown@westerncape.gov.za; Tel: (021) 483 8367):
 - 5.1 This Directorate notes that the existing Blouwater substation will only be decommissioned once the new distribution substation has been constructed and commissioned. The CRR states that a study will be undertaken by the applicant to determine whether the Blouwater substation site could potentially be significantly contaminated prior to decommissioning activities being undertaken. This proposal is supportive by this Directorate and should be included as a condition of approval, should the competent authority decide to authorise the proposed development.
6. Please direct all enquiries to the officials indicated in this correspondence should you require any clarity on any of the issues/comments provided.
7. The Department reserves the right to revise initial comments and request further information based on any or new information received.

Yours faithfully



GERHARD GERBER

pp **HEAD OF DEPARTMENT**

DEPARTMENT OF ENVIRONMENTAL AFFAIRS AND DEVELOPMENT PLANNING

CC: Mr Jay-Jay Mpelane (DEA)

E-mail: impelane@environment.gov.za