

## **SECTION F: APPENDICES**

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Appendix B: Photographs

Appendix C: Facility illustration(s)

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**Appendix A: Maps (Locality Map, Proposed Layout Map and Sensitivity Map)  
and co-ordinates**

## APPENDIX A: POWER LINE CO-ORDINATES

### Komsberg East Grid Connection.

Number	Distance (m)	Latitude	Longitude
1	Start	-32.739	20.995
2	250	-32.739	20.993
3	500	-32.739	20.990
4	750	-32.738	20.987
5	1000	-32.738	20.985
6	1250	-32.738	20.982
7	1500	-32.737	20.979
8	1750	-32.737	20.977
9	2000	-32.736	20.974
10	2250	-32.736	20.972
11	2500	-32.736	20.969
12	2750	-32.736	20.966
13	3000	-32.736	20.964
14	3250	-32.737	20.961
15	3500	-32.737	20.958
16	3750	-32.737	20.956
17	4000	-32.737	20.953
18	4250	-32.738	20.950
19	4500	-32.738	20.948
20	4750	-32.738	20.945
21	5000	-32.738	20.942
22	<b>5155</b>	-32.738	20.940
23	5405	-32.739	20.938
24	5655	-32.739	20.935
25	5905	-32.740	20.933
26	6155	-32.741	20.930
27	6405	-32.741	20.928
28	6655	-32.742	20.925
29	6905	-32.743	20.923
30	7155	-32.743	20.920
31	7405	-32.744	20.918
32	7655	-32.745	20.915
33	7905	-32.745	20.913
34	8155	-32.746	20.910
35	8405	-32.747	20.907
36	8655	-32.747	20.905
37	8905	-32.748	20.902
38	9155	-32.749	20.900
39	9405	-32.749	20.897
40	9655	-32.750	20.895
41	9905	-32.750	20.892
42	10155	-32.750	20.889
43	10405	-32.750	20.887
44	10655	-32.749	20.884
45	10905	-32.749	20.881
46	11155	-32.748	20.879
47	11405	-32.748	20.876
48	11655	-32.748	20.874

Number	Distance (m)	Latitude	Longitude
49	11905	-32.748	20.871
50	12155	-32.750	20.869
51	12405	-32.751	20.867
52	12655	-32.752	20.864
53	12905	-32.751	20.862
54	13155	-32.751	20.859
55	13405	-32.752	20.857
56	13655	-32.753	20.854
57	13905	-32.754	20.852
58	14155	-32.755	20.849
59	14405	-32.756	20.847
60	14655	-32.757	20.845
61	14905	-32.758	20.842
62	15155	-32.759	20.840
63	15405	-32.760	20.838
64	15655	-32.762	20.836
65	15905	-32.763	20.834
66	16155	-32.765	20.833
67	16405	-32.767	20.832
68	16655	-32.769	20.831
69	16905	-32.771	20.830
70	17155	-32.772	20.828
71	17405	-32.773	20.825
72	17655	-32.774	20.822
73	<b>17702</b>	-32.774	20.820
74	17952	-32.774	20.819
75	18202	-32.775	20.817
76	18452	-32.775	20.814
77	18702	-32.775	20.812
78	18952	-32.776	20.809
79	19202	-32.776	20.806
80	19452	-32.777	20.804
81	19702	-32.777	20.801
82	19952	-32.778	20.798
83	20202	-32.778	20.796
84	20452	-32.778	20.793
85	20702	-32.779	20.791
86	20952	-32.779	20.788
87	21202	-32.779	20.785
88	21452	-32.780	20.783
89	21702	-32.780	20.780
90	21952	-32.780	20.777
91	22202	-32.780	20.775
92	22452	-32.781	20.772
93	22702	-32.781	20.769
94	22952	-32.781	20.767
95	23202	-32.781	20.764
96	23452	-32.782	20.762
97	23702	-32.784	20.760
98	23952	-32.785	20.758
99	24202	-32.787	20.756



<b>Number</b>	<b>Distance (m)</b>	<b>Latitude</b>	<b>Longitude</b>
100	24452	-32.788	20.754
101	24702	-32.790	20.752
102	24952	-32.791	20.750
103	25202	-32.793	20.748
104	25452	-32.794	20.746
105	25702	-32.796	20.744
106	25952	-32.797	20.742
107	26202	-32.799	20.740
108	26452	-32.800	20.738
109	26702	-32.802	20.736
110	26952	-32.804	20.734
111	27202	-32.805	20.732
112	27452	-32.807	20.730
113	27702	-32.808	20.728
114	27952	-32.810	20.726
115	28202	-32.811	20.724
116	28452	-32.813	20.722
117	28702	-32.814	20.720
118	28952	-32.816	20.718
119	29202	-32.817	20.716
120	29452	-32.819	20.715
121	29702	-32.821	20.713
122	29952	-32.823	20.712
123	30202	-32.825	20.711
124	30452	-32.827	20.709
125	30702	-32.829	20.708
126	30952	-32.831	20.706
127	31202	-32.832	20.705
128	31452	-32.834	20.703
129	31702	-32.836	20.702
130	31952	-32.838	20.701
131	32202	-32.840	20.700
132	32452	-32.843	20.699
133	32702	-32.845	20.699
134	32952	-32.847	20.698
135	33202	-32.849	20.697
136	33452	-32.851	20.696
137	33702	-32.853	20.694
138	33952	-32.855	20.693
139	34202	-32.856	20.691
140	34452	-32.857	20.688
141	34702	-32.859	20.686
142	34952	-32.860	20.684
143	35202	-32.862	20.682
144	35452	-32.863	20.680
145	35702	-32.865	20.678
146	35952	-32.866	20.677
147	36202	-32.868	20.675
148	36452	-32.869	20.673
149	36702	-32.871	20.671
150	36952	-32.873	20.669

<b>Number</b>	<b>Distance (m)</b>	<b>Latitude</b>	<b>Longitude</b>
151	37202	-32.874	20.667
152	37452	-32.876	20.665
153	37702	-32.877	20.663
154	37952	-32.879	20.661
155	38202	-32.880	20.659
156	38452	-32.882	20.657
157	38702	-32.884	20.655
158	38952	-32.885	20.653
159	39202	-32.887	20.651
160	39452	-32.888	20.650
161	39702	-32.890	20.648
162	39952	-32.891	20.646
163	40202	-32.893	20.644
164	40452	-32.894	20.642
165	40702	-32.896	20.640
166	40952	-32.898	20.638
167	41202	-32.899	20.636
168	41452	-32.901	20.634
169	41702	-32.902	20.632
170	41952	-32.904	20.630
171	42202	-32.905	20.628
172	42452	-32.907	20.626
173	42702	-32.908	20.624
174	42952	-32.910	20.623
175	43202	-32.912	20.621
176	43452	-32.913	20.619
177	43702	-32.915	20.617
178	43952	-32.916	20.615
179	44202	-32.918	20.613
180	44452	-32.919	20.611
181	44702	-32.921	20.609
182	44952	-32.923	20.607
183	45202	-32.924	20.605
184	45452	-32.926	20.603
185	45702	-32.927	20.601
186	45952	-32.929	20.599
187	46202	-32.930	20.597
188	<b>END</b>	-32.932	20.596

## **Appendix B: Site Photographs**

**APPENDIX B: PHOTOGRAPHS OF THE SITE**



***Figure 1: The site facing north (co-ordinates -32.729880° 20.929222°).***



***Figure 2: The site facing east (co-ordinates -32.729880° 20.929222°)***



***Figure 3: The site facing south (co-ordinates -32.729880° 20.929222°).***



***Figure 4: The site facing west (co-ordinates -32.729880° 20.929222°).***





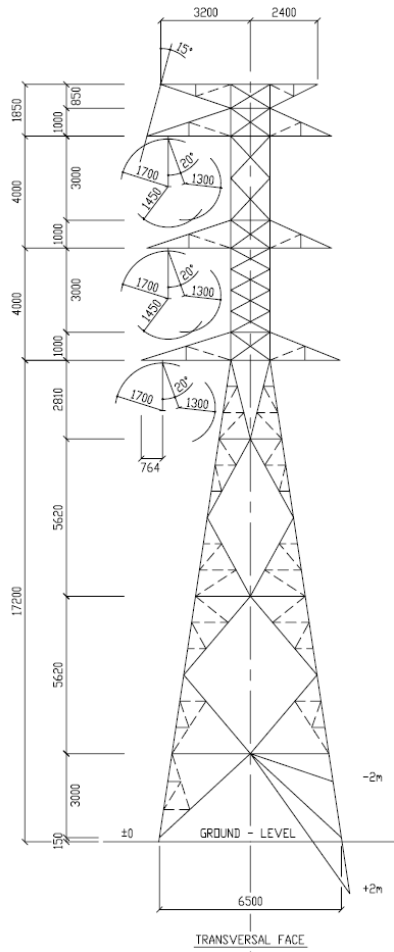
***Figure 5: Panorama facing north (co-ordinates -32.729880° 20.929222°).***



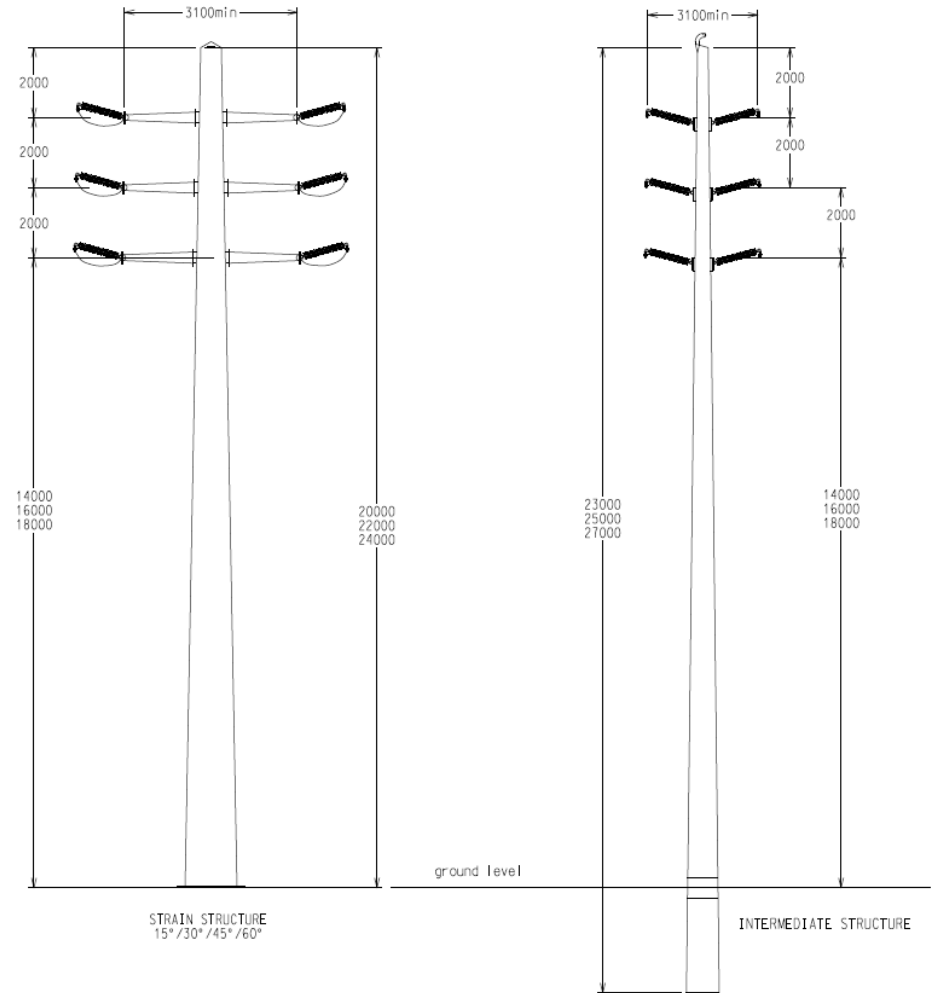
***Figure 6: Panorama facing south (co-ordinates -32.729880° 20.929222°).***

## **Appendix C: Facility illustration(s)**

**Appendix C: Facility Illustrations.**

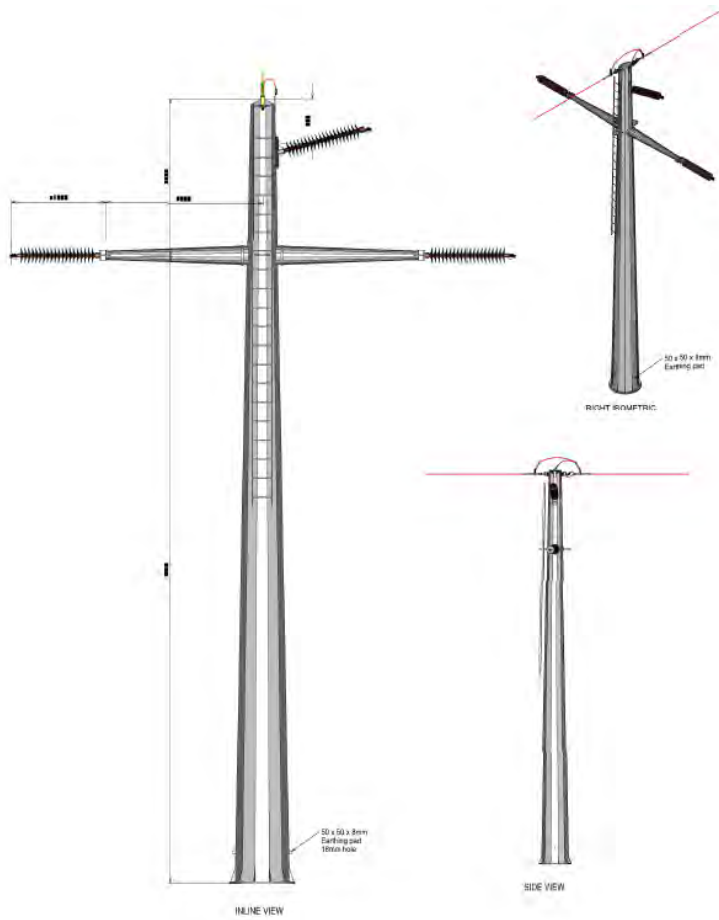


**Figure 1: 132kV DC lattice structure.**

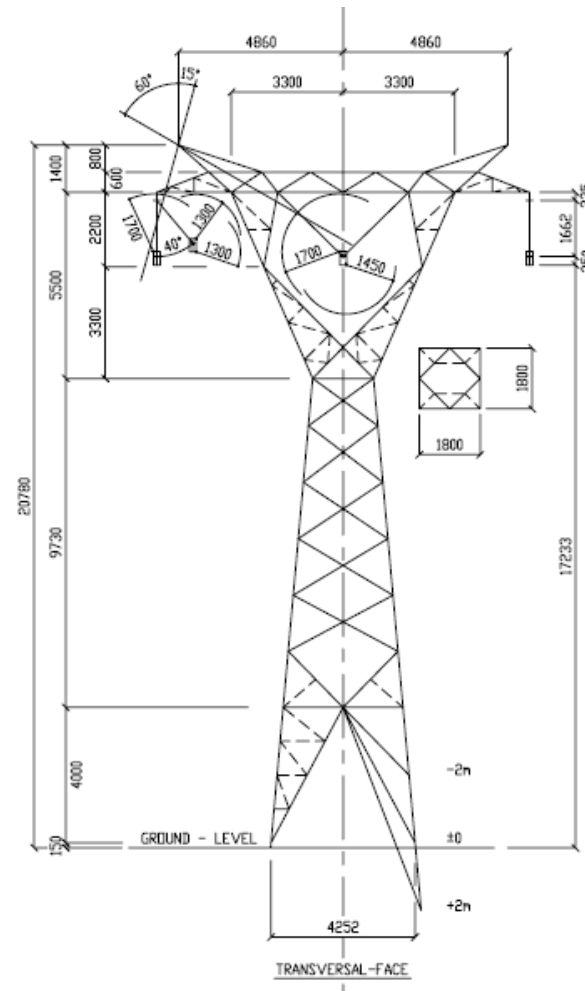


**Figure 2: 132kV DC monopoles.**

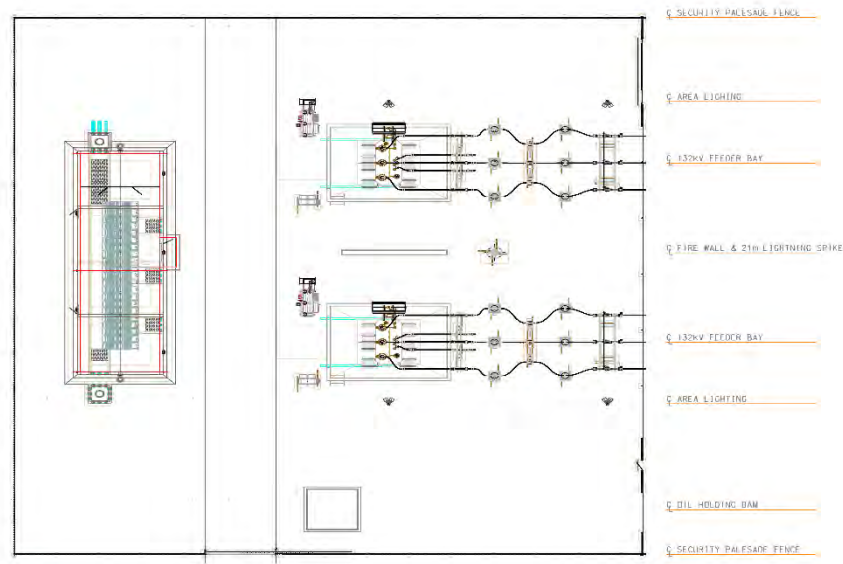




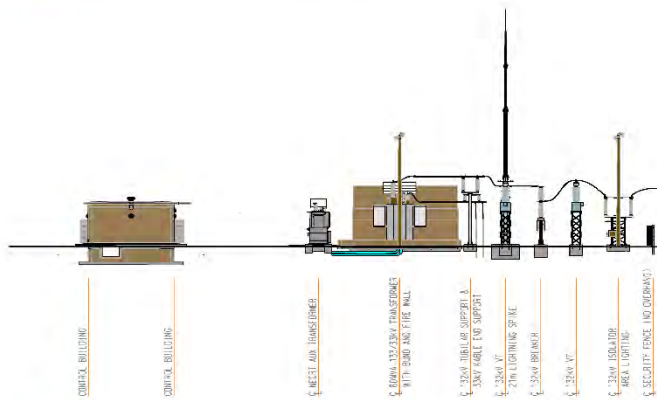
**Figure 3:132kV SC Flat Formation Strain.**



**Figure 4: 132kV SC Lattice.**

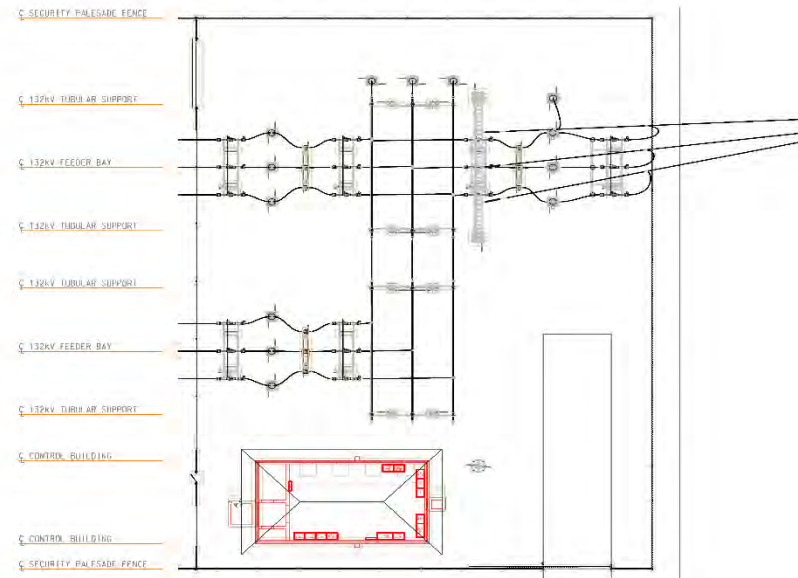


PLAN

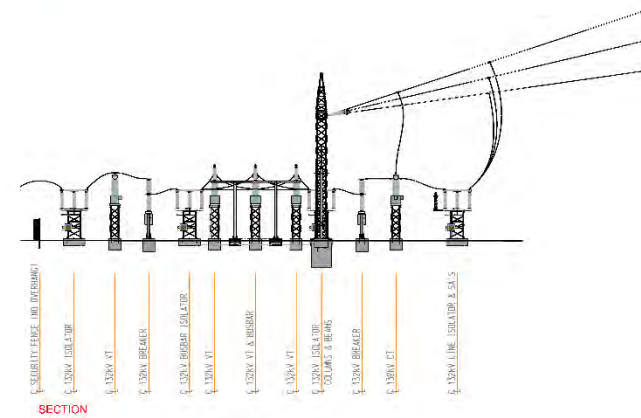


SECTION

Figure 5: Typical IPP (Independent Power Producer) Substation.



PLAN



SECTION

Figure 6: Typical Switching Station.

## **Appendix D: Public Participation**

## **Appendix D1 Advertisements and site notices**



**Theewaterskloof**  
MUNISIPALITEIT • MUNICIPALITY • UMASIPALA

**TENDERKENNIGING EN UITNODIGING OM TE TENDER**  
**TENDERNOMMER: TRA 01/2015/16**

**DIË VOORSIENING, AFLEWERING EN ADMINISTRATIEWE ONDERSTEUNINGS-DIENS VIR 'N BOETE-INSAMELINGSTELSEL EN KAMERATOURISTING MET DIE VERWANTE BEDRYFSONDERSTEUNING VIR DIËTYDPERK DESEMBER 2015 TOT 30 JUNIE 2018**

Die Direkteur: Bedryf vra hiernêrens tenders aan vir die bogenoemde diens, wat in die Theewaterskloof Munisipale jurisdiksie geleë is.

Slegs tendersaars wat volgens die Tendervoorwaardes, insluitend Spesiale Voorwaardes vir Tender (Klousule 6) en Tenderdata (Klousule 1.1 aan die keurings- en geldigheidseise voldoen, mag tenders indien.

Alle tenders wat ontvang word sal ingevolge Theewaterskloof Munisipaliteit se Voorvoorsieningskanalbestuurbeleid en Voorkeurverkrigingsregulasies van 2011, beoordeel word. Dit word bevestig dat die 90/10-voorkeurpuntstelsel wat toepassing sal wees. Tenders sal volgens prys en voorkeur evalueer word.

'n Stel Tenderdokumente kan vanaf **Vrydag, 28 Augustus 2015**, tussen 07:45 en 13:00 en 13:45 en 16:45 op Maandag tot Donderdag, en tussen 07:45 en 13:00 en 13:45 en 15:30 op Vrydag by die Departement Voorvoorsieningskanalbestuur in Pleinstraat 6, Caledon verkry word. Betaling van 'n nie-verhaalbare tenderdeelnemings van R550,00 (BTW ingesluit) is van toepassing. Dit is 'n keuringsvereiste en is slegs deur middel van 'n elektroniese oordrag of direkte deposito betaalbaar. Bewys van betaling van die deelnemings moet saam met die tenderdokument ingedien word. Navrae slegs in bogenoemde verband kan na mnr. Howard van der Westhuizen by howardva@twk.org.za verwys word.

Tenderdokumente kan vir aas alleenlik per e-pos van saulja@twk.org.za aangevra word en hardekopieë kan van mnr. Howard van der Westhuizen by die Munisipale Kantore in Pleinstraat 6, Caledon verkry word.

'n Verpligte opklaringsvergadering met verteenwoordigers van die Werkgewer sal op Vrydag 04 September 2015 om 11:00 in die Raadskamers by die Caledon Hoofkantoor (Pleinstraat 6, Caledon) plaasvind. Voor-nemende tendersaars moet op 11:15 opdag, sal nie die vergadering mag bywoon nie. Tendersaars moet by hierdie vergadering deur 'n teesalklike-gekwalfiseerde en ervare persoon verteenwoordig word wat die implikasies ern omvang van die werk sal verstaan.

Alle tegniese navrae in verband met hierdie tender aan die Direkteur Bedryf gerig word, vir die aandag van Mnr. Saul Jacobs by Theewaterskloof Munisipaliteit, Posbus 24, Caledon 7230, of via e-pos na saulja@twk.org.za. Neem asseblief kennis dat geen mondelinge navrae hanteer sal word nie.

**Die sluitingsyd vir die ontvangs van tenders is 12:00 op Vrydag, 18 September 2015.** Tenders wat per telegram, telefoon, teleks, faksimiele of e-pos ontvang word en tenders wat na die sluitingsyd ontvang word, sal nie aanvaar word nie. Tenders mag slegs op die uitgerekte tenderdokumentasie ingedien word. Volledig-voltooides tenders moet in Tenderbus nr. 1 by die ingang van Theewaterskloof Munisipaliteit Hoofkantoor, Pleinstraat 6, Caledon, geplaas word. Let asseblief daarop dat die tenderbus 2477 oop is en dat die deponistogteuf 5 x 30 cm groot is.

Die Raad mag 'n tender in geheel, gedeeltelik of glad nie aanvaar nie en word nie daartoe gebind om die laagste tender te aanvaar nie. Die vereistes vir die versending, adressering, aflewering, opmaak en beoordeling van tender word in die Tenderdata aangegee.

**H.S.D. WALLACE (MUNISIPALE BESTUURDER)**  
**POSBUS 24 / PLEINSTRAAT 6, CALEDON 7230**

**ARCUS**

**NOTIFICATION OF ENVIRONMENTAL IMPACT ASSESSMENT PROCESS AND PUBLIC PARTICIPATION PROCESS: PROPOSED KOMSBERG EAST AND WEST WIND ENERGY FACILITIES, WESTERN AND NORTHERN CAPE PROVINCES**

Notice is hereby given of a Public Participation Process to be undertaken in terms of the National Environmental Management Act, 1998 (Act No. 107 of 1998), as amended.

**DEA Reference Number:** To be allocated upon submission of application.

Nature and Location of Activity: Komsberg Wind Farms (Pty) Ltd intend to develop Komsberg East and Komsberg West Wind Energy Facilities and their associated grid connections, each of which would have a maximum generation capacity of 275MW. Each Wind Energy Facility would be located in the Western Cape Province, with a small portion also being located across the border of the Northern Cape Province, approximately 60km north of Laingsburg and 40km south east of Sutherland.

Two applications for a Scoping and Environmental Impact Assessment process for each Wind Energy Facility will be submitted to the competent authority, the Department of Environmental Affairs (DEA), for a decision. A combined Public Participation Process will be undertaken for these processes and two Basic Assessment Processes will be initiated for the two proposed Grid Connections.

Listed Activities: LN1 GN R983 1 (i); 12 (iii, x, xii); 19 (i); 24 (ii); 27; 48 (iii); 56 (i, ii), LN2 GN R984 1; 2; 15. LN3 GN R985 4 (a) (ii) & (f) (i); 10 (g) (i); 12 (a) (ii) & (d) (ii); 14 (a) (ii) & (f) (i); 18 (a) (ii) & (f) (i); 23 (a) (ii) & (g) (i).

A Draft Scoping Report will be available for public review and comment from the 1st September 2015 to the 1st October 2015 at the following locations:

- Sutherland Public Library;
- Laingsburg Public Library; and
- Websites: [www.eims.co.za](http://www.eims.co.za) and [www.arcusconsulting.co.za](http://www.arcusconsulting.co.za).

Should you wish to be registered as an Interested and Affected Party (I&AP) and/or receive a copy of the Background Information Document (BID), please respond to this notification by submitting your name, interest in the project, email address, postal address and telephone number as well as any comments in writing to the address below:

**Environmental Impact Management Services (Pty) Ltd**  
Postal Address: P. O. Box 2083, Pinegowrie, 2123  
Telephone: 011 789 7170  
Fax: 011 787 3059  
Email: [komsberg@eims.co.za](mailto:komsberg@eims.co.za)  
Contact person: Ms Nobuhle Hughes

Correspondence throughout the remainder of the PPP and EIA Process will only be distributed to Registered I&APs. Registration is DINEKLEIN WERKSTUUR DEUR DIE EIA-PROSES

**REGSKENNIGINGS- & TENDERS**

**HOFBEVELE/SEKWESTRASIES/LIKWIDASIES**

**A-Msquared Property Investments BEVEL**

IN DIE HOOGGEREGSHOF VAN SUID-AFRIKA (AFDELING WES-KAAP, KAAPSTAD). Saaknr. 13013/15. Voorsy Edele Rechter Delizhuizen. Op 14 Julie 2015 te Kaapstad. In die ex parte aansoek van A-Msquared Property Investments (Edms.) Bpk., Applikant. Insaake die aansoek om verwydering van titelaatke voorwaardes. Na oëwagting van die dokumente wat op rekord gelê is en na aanhoor van die Advokaat van die Applikant het die Gedeelte 1.1 'n Bevel nêr uitgereik word, keerbaar op 18 September 2015, waarin enige belanghebbende party oopgeroep word, wat mag kies om of by wyse van 'n skrywe aan die Registrateur, of deur persoonlik, of deur middel van 'n Advokaat of prokureur wat toegelaat is om in hierdie Hof te praktiseer, op 18 September 2015 in hierdie Hof te verskyn, om redes aan te voer, indien enige, waarom 'n finale bevel op die volgende terme nie toegestaan behoort te word nie: 1.1 dat die Registrateur van Aktes, Wes-Kaap, gelas word om die voorwaarde hieronder uitteenseit en verrat in Transportakte-nr. T33808/2013 as voorwaarde A.3. op bladsy 2 daarvan, wat betrekking het op Erf 28550 Kaapstad, geleë in die Stad Kaapstad, Afdeling Kaap, Provinsie Wes-Kaap, groot 508 (vyf honderd en agt) vierkant meter, naamlik "A.3. That no business or trade of any kind shall be earned on the said property" te verwyder. 1.2 dat die Registrateur van Aktes, Wes-Kaap, gelas word om die voorwaardes hieronder uitteenseit en verrat in Transportakte-nr. T33807/2013 as voorwaarde B.3. op bladsy 2 daarvan wat betrekking het op Erf 28540 Kaapstad, geleë in die Stad Kaapstad, Afdeling Kaap, Provinsie Wes-Kaap, groot 587 (vyf honderd drie en tagtig) vierkant meter, naamlik "B.3. That no business or trade of any kind shall be earned on the said property" te verwyder. 1.3 dat betekening van hierdie Bevel nêr slegs volgens sal word: 1.3.1 deur 'n afskrif van die aansoek dokumente tesame met hierdie bevel op die volgende gaeffekteerde persone te beteken: 1.3.1.1 Registrateur van Aktes, Wes-Kaap, 1.3.1.2 deur die publisering daarvan in Engels in die Staatskoerant en die Cape Times, 1.3.1.3 deur die publisering daarvan in Afrikaans in die Staatskoerant en die Burger. 1.3.2 deur betrekking van die Bevel deur die Ballu op die sinasars van die omliggende eien-dome, naamlik 1.3.2.1 Lisa Yolandi Espi. Sanchis, te Roughtonweg 1, Mowbray; 1.3.2.2 Paul Whitaker te Welgelegenweg 5, Mowbray; 1.3.2.3 Paul Martin Roberts te Rhodesiaan 12, Mowbray; 1.3.2.4 Roger Georges Sunkel te Rhodesiaan 15, Mowbray; 1.3.2.5 Lee-Anne Swanepoel te Rhodesiaan 13, Mowbray; 1.3.2.6 Charlene Forcili te Rhodesiaan 11, Mowbray; 1.3.2.7 Rhodes Avenue Procc te Rhodesiaan 6, Mowbray; 1.3.2.8 Margaret Gordon Kestell Holmes te Roughtonweg 2, Mowbray. 1.3.3 deur 'n afskrif van die bevel in beide Afrikaans en Engels op 'n prominente gedeelte van die offisiële kennisgewingbord by die kantore van die Stad Kaapstad Munisipaliteit vir 'n tydperk van twee weke na die indiening van die voormelde Bevel nêr te plaas; en 1.3.4 deur 'n afskrif van die bevel in beide Afrikaans en Engels op 'n opvallende plek op die elidomme te plaas.

Op Las van die Hof, Griffier van die Hof. DYKES VAN HEERDEN SLABBERT & HOPKINS ING., Edward IV, Edwardstraat 120 - 122, Bellville. 283671 Aug. 28-(4005)

**Consolidated Carbon Solutions (Edms.) Bpk INSOLVENTE BOEDEL**

CONSOLIDATED CARBON SOLUTIONS (EDMS.) BPK (in likwidisie). Meesters-verwysingsnr. C20613/2014.

**Tweede vergadering van krediteurs**

Ingevolge Art. 40(3) van die Insolvensiewet van 1936, soos gewysig, saamegees met Art. 402 van die Maatskappyywet, 1973, geskied kennis hiermee dat 'n tweede vergadering van krediteurs gehou sal word voor die Voorsittende Beampete, Landroskroff, Bellville, op 11 September 2015 om 11:00 vir die bewys van eise teen die maatskappy en om die Likwidateurs se verslag in ontvangs te neem en om die Likwidateurs opdrag te gee ten opsigte van die realisering van die bates en die administrasie van die maatskappy se sake.

WALLACE TRUST, Posbus 1121, Durbanville 7551. Likwidateurs: G.D. Wallace & C.C. Wantenaar. 283153 Aug. 28-(4005)

**DC3 Distribution BK INSOLVENTE BOEDEL**

DC3 DISTRIBUTION BK (in likwidisie). Meesters-verwysingsnr. C290/2015.

**Tweede vergadering van krediteurs en lede**

Ingevolge Art. 40(3) van die Insolvensiewet van 1936, soos gewysig, saamegees met Art. 402 van die Maatskappyywet, 1973, geskied kennis hiermee dat 'n tweede vergadering van krediteurs en lede gehou sal word voor die Voorsittende Beampete, Landroskroff, Bellville, op 11 September 2015 om 11:00 vir die bewys van eise teen die beslote korporasie en om die Likwidateurs se verslag in ontvangs te neem en om die Likwidateurs opdrag te gee ten opsigte van die realisering van die bates en die administrasie van die beslote korporasie se sake. WALLACE TRUST, Posbus 1121, Durbanville 7551. Likwidateurs: G.D. Wallace & M. Balso. 283153 Aug. 28-(4005)

**SANEK TRUST RECOVERY SERVICES (EDMS.) BPK.**

**Algemene vergadering van krediteure en lede**

PROSPERITO RECOVERY SERVICES (EDMS.) BPK. (in likwidisie). Meesters-verwysing: C238/2015. Kennis geskied hiermee ingevolge art. 40(3) van die Insolvensiewet Nr. 24 van 1936, soos gewysig, saamegees met art. 366, 375(b), 386(1) (d) en 402 van die Maatskappyywet Nr. 61 van 1973, soos gewysig, dat die ondergemelde aangestel is as Likwidateurs en dat persone met skulde teen die maatskappy versoek word om hul skulde sonder verwyl te betaal by die ondergemelde adres en dat algemene vergaderings van krediteure en lede gehou sal word voor die Landros, Bellville, op Vrydag 18 September 2015 om 11:00 vir die bewys van eise teen die maatskappy en vir die doeleindes om die Likwidateursverslag te ontvang en die Likwidateurs opdrag te gee rakende die realisering van die bates en die beredering van die maatskappy se sake asook die aanvaarding van die resolusies. S. MOODLIAR & G. N. Ngobeni, p.a. SANEK TRUST RECOVERY SERVICES (EDMS.) BPK, 3de Vloer, St. George-wandellaan, Kaapstad, 261968 Aug. 28-(4005)

**SANEK TRUST RECOVERY SERVICES (EDMS.) BPK.**

**Algemene vergadering van krediteure en lede**

PEOPLEFIN (EDMS.) BPK. (in likwidisie). Meestersverwysing: C205/2014. Kennis geskied hiermee ingevolge art. 40(3) van die Insolvensiewet Nr. 24 van 1936, soos gewysig, saamegees met art. 366, 375(b), 386(1) (d) en 402 van die Maatskappyywet Nr. 61 van 1973, soos gewysig, dat die ondergemelde aangestel is as Likwidateurs en dat persone met skulde teen die maatskappy versoek word om hul skulde sonder verwyl te betaal by die ondergemelde adres en dat algemene vergaderings van krediteure en lede gehou sal word voor die Landros, Bellville, op Donderdag 1 Oktober 2015 om 09:00 vir die bewys van eise teen die maatskappy en vir die doeleindes om die Likwidateursverslag te ontvang en die Likwidateurs opdrag te gee rakende die realisering van die bates en die beredering van die maatskappy se sake asook die aanvaarding van die resolusies. T. P. GLAUM & M. JITA, p.a. SANEK TRUST RECOVERY SERVICES (EDMS.) BPK, 3de Vloer, St. George-wandellaan, Kaapstad, 261968 Aug. 28-(4005)

**Forum SA Trading 144 KENNISGEWING**

FORUM SA TRADING 144 (EDMS.) BPK. (in likwidisie). Meestersverwysing: C264/2015. Kennis geskied hiermee dat die Tweede Vergadering van Skuldeisers sal plaasvind voor die Voorsittende Beampete, Landroskroff, Bellville, op 18 September 2015 om 11:00, vir die volgende doeleindes: \* Bewys van eise \* Voorlegging van die Likwidateur se Verslag \* Om opdragte aangaande die administrasie van die boedel aan die gesamentlike Likwidateurs te gee. MX3 CONSULTANTS, A. Maralack & G.H. Philander, Gesamentlike Kurator, Posbus 1773, Bellville 7535. Tel. 021 949 3064, Faks 021 949 3066. 304750 Aug. 28-(4005)

**Hentig 2437 (Edms.) Bpk. VOORLOPIGE LIKWIDASIE**

IN DIE HOOGGEREGSHOF VAN SUID-AFRIKA (AFDELING WES-KAAP, KAAPSTAD). Saaknr. 14775/2015. Voorsy Edele Rechter Sten. Kaapstad, 14 Augustus 2015. In die saak tussen PETER HENRY GUSTAAF ASPELING, Applikant, en HENTIG2437 (EDMS.) BPK. (Reg.nr.: 2000/007288/07). Respondent. Ge-registreerde adres: Muscatweg 38, Saxeburgpark 1, Blackheath, Wes-Kaap.

Na die deurlaes van die ingediende stukke en die aanhoor van die advokaat vir die Applikant word gelas dat: 1. die bogemelde Respondent hiermee onder voorlopige likwidasie geplaas is en word onder beheer van die Meester van die bogemelde agbare Hof; 2. 'n bevel nêr uitgereik word wat alle belanghebbende partye aansoek om bewys te lewer, indien enige, op Vrydag 18 September 2015 waarom: 2.1 die bogemelde Respondent nêr die bogemelde likwidasiageplaas moet word onder beheer van die Meester van die bogemelde Hof; en 2.2 die koste van hierdie aansoek nie koste in die likwidasie van bogemelde Respondent moet wees nie; 3. 'n ware afskrif van hierdie voorlopige likwidasiageplaas en bevel nêr toegestaan ingevolge paragrafe 1 en 2 hierbo, soos volg moet beteken word: 3.1 deur die Ballu of sy adjuant op die Respondent by sy geregiestreeerde adres; 3.2 deur die Ballu of sy adjuant op die Ontvanger van Inkomste; 3.3 deur die Ballu of sy adjuant op die werknemers van die Respondent (indien enige) en op elke geregiestreeerde vakbond waardeur hul verteenwoordig mag word; 3.4 op alle bekende skuldeisers van die Respondent met eise wat R20 000,00 oorskry, per geregiestreeerde pos; 3.5 deur publisering in een uitgawe elk van die koerante Die Burger en Cape Times.

Op LAS VAN DIE Hof. HOFGRIFFIER. LOUW ING. Tel. 021 851 4332, p.a. 135 Vaderspuy, Kaapstad/avz 275635 Aug. 28-(4005)

**South-End Trucking (Edms.) Bpk. VOORLOPIGE LIKWIDASIE KONSEPBEVEL**

IN DIE HOOGGEREGSHOF VAN SUID-AFRIKA (AFDELING WES-KAAP, KAAPSTAD). Saaknr. 14774/2015. Kaapstad: 14 Augustus 2015. Voorsy Edele Rechter Sten. In die saak tussen PETER HENRY GUSTAAF ASPELING, Applikant, en SOUTH-END TRUCKING (EDMS.) BPK., (Reg.nr. 2006/016521/07). Respondent. Ge-registreerde adres: Muscatweg 38, Saxeburg Park 1, Blackheath, Wes-Kaap. Na die aanhoor van die advokaat vir die Applikant en die deurlaes van die tersaaklike stukke, word gelas: 1. dat die bogemelde Respondent hiermee onder voorlopige likwidasie geplaas word in die hande van die Meester van bogemelde Agbare Hof; 2. dat 'n bevel nêr uitgereik word wat die Respondent en alle belanghebbende partye aansoek om op Vrydag 18 September 2015 redes aan te voer, indien enige, waarom: 2.1 die bogemelde Respondent nie onder finale likwidasie in die hande van die Meester van die bogemelde Agbare Hof plaas moet word; en 2.2 die koste van hierdie aansoek nie koste in die likwidasie van bogemelde Respondent moet wees nie; 3. Betekening en publisering van die voorlopige likwidasiageplaas en bevel nêr toegestaan ingevolge paragrafe 1 en 2 hierbo sal soos volg geskied: 3.1 dat 'n ware afskrif daarvan deur die Ballu of sy adjuant op die Respondent by sy geregiestreeerde adres beteken word; 3.2 dat 'n ware afskrif daarvan deur die Ballu of sy adjuant op die Suid-Afrikaanse Inkomstediens beteken word; 3.3 dat 'n ware afskrif daarvan deur die Ballu of sy adjuant op die Respondent se werknemers (indien enige) beteken word en op elke geregiestreeerde vakbond wat sodanige werknemers mag verteenwoordig; 3.4 dat 'n ware afskrif daarvan deur voorafbetaalde geregiestreeerde pos gestuur word aan alle krediteure van die Respondent met eise wat R20 000,00 oorskry; 3.5 dat 'n ware afskrif daarvan in een uitgawe elk van Die Burger en Cape Times koeran gepubliseer word.

**Jumel Trading KENNISGEWING VAN ALGEMENE VERGADERING VAN KREDITEURE, LEDE EN KONTRIBUANTE**

JUMEL TRADING BK (in likwidisie). Meestersverwysing: C326/2015. Kragtens Artikel 79 van die Beslote Korporasie Wet 1984 geskied kennis hiermee dat Mnr. A. Moollajie & Z.V. Ngododo, aangestel is as Gesamentlike Likwidateurs, en alle debiteure in die Beslote Korporasie hiermee versoek word om gemaakte hulle skulde by die kantoor van die Gesamentlike Likwidateurs te betaal. Die Algemene Vergadering van Krediteure, Lede en Kontribuante, sal plaasvind voor die Voorsittende Beampete, Landroskroff, Hermanus op 15 September 2015, om 09:00. a) Om die Gesamentlike aangestel is as Likwidateurs en dat persone met skulde teen die maatskappy versoek word om hul skulde sonder verwyl te betaal by die ondergemelde adres en dat algemene vergaderings van krediteure en lede gehou sal word voor die Landros, Bellville, op Vrydag 18 September 2015 om 11:00 vir die bewys van eise teen die maatskappy en vir die doeleindes om die Likwidateursverslag te ontvang en die Likwidateurs opdrag te gee rakende die realisering van die bates en die beredering van die maatskappy se sake asook die aanvaarding van die resolusies. NEW ERA TRUSTEES, A. Moollajie & Z.V. Ngododo, Gesamentlike Likwidateurs, Posbus 38009, Gatesville 7766. Tel. 021 697 5002. 286255 Aug. 28-(4005)

**SANEK TRUST RECOVERY SERVICES (EDMS.) BPK.**

**Algemene vergadering van krediteure en lede**

PEOPLEFIN (EDMS.) BPK. (in likwidisie). Meestersverwysing: C205/2014. Kennis geskied hiermee ingevolge art. 40(3) van die Insolvensiewet Nr. 24 van 1936, soos gewysig, saamegees met art. 366, 375(b), 386(1) (d) en 402 van die Maatskappyywet Nr. 61 van 1973, soos gewysig, dat die ondergemelde aangestel is as Likwidateurs en dat persone met skulde teen die maatskappy versoek word om hul skulde sonder verwyl te betaal by die ondergemelde adres en dat algemene vergaderings van krediteure en lede gehou sal word voor die Landros, Bellville, op Donderdag 1 Oktober 2015 om 09:00 vir die bewys van eise teen die maatskappy en vir die doeleindes om die Likwidateursverslag te ontvang en die Likwidateurs opdrag te gee rakende die realisering van die bates en die beredering van die maatskappy se sake asook die aanvaarding van die resolusies. T. P. GLAUM & M. JITA, p.a. SANEK TRUST RECOVERY SERVICES (EDMS.) BPK, 3de Vloer, St. George-wandellaan, Kaapstad, 261968 Aug. 28-(4005)

**Wartho Logistics KENNISGEWING VAN TWEDE VERGADERING VAN KREDITEURE, LEDE EN KONTRIBUANTE**

WARTHO LOGISTICS BK (in likwidisie). Meesters verwysings-nr C200/2015. Kragtens Artikel 79 van die Beslote Korporasie Wet 1984 geskied kennis hiermee dat C.B. St. Clair Cooper en P. Carolus as Gesamentlike Likwidateurs, en alle debiteure in die Beslote Korporasie hiermee versoek word om onmiddellike hulle skulde by die kantoor van die Gesamentlike Likwidateurs te betaal. Die Tweede Vergadering van Krediteure, Lede en Kontribuante, sal plaasvind voor die Landros te Vredendal op Woensdag, 1 September 2015 om 09:00. a) Om vedere eise te bewys en b) Om die Gesamentlike Likwidateurs se verslag voor te lê. CK TRUST, C.B. St. Clair Cooper / P. Carolus, Posbus 3065, Tygervallei 7536. Tel. 021 910 2902. 276659 Aug. 28-(4005)

**INDEPENDENT ADVISORY**

Basileus Finance

BASILEUS FINANCE (EDMS.) BPK. (in likwidisie). Registrasie-nr. 2008/006095/07. Meestersverwysings-nr. C46/2015. Kennis geskied hiermee dat 'n Spesiale en Algemene Vergadering van Skuldeisers in die bovermelde saak voor die Meester van die Hooggereshof Op 09:00 op 18 September 2015 om 09:00 gehou sal word met die volgende doelstellings: 1. Aanvaarding van Resolusies. 2. Bewys van eise. INDEPENDENT ADVISORY (EDMS.) BPK, S.A.M. Daneel & C.C. Wantenaar, Posbus 820, Stellenbosch 7599. Tel. 021 880 5400, Faks 021 880 5430. 296458 Aug. 28-(4005)



S. Kruger  
**INSOLVENTE BOEDEL**

Insolvente boedel STEFAN KRUGER, Meestersverwysing: C207/2015. Kennis geskied hiermee dat die Tweede Vergadering van Skuldereisers sal plaasvind vir die Voorzitende Beampete, Meester van die Hoogeregshof, Kaapstad op 18 September 2015 om 09:00, vir die volgende delendele:  
\* Bevrys van eise  
\* Voorlegging van die Likwidatoure se Verslag  
\* Om opdragte aangaande die administrasie van die boedel aan die gesamentlike likwidatoure te gee.  
MX3 CONSULTANTS, T.C. Dlamini & M. Dowries, Gesamentlike Kurator, Posbus 1773, Bellville 7535. Tel. 021 949 3064, Faks 021 949 3066.  
Aug. 28-(4215)V

S.F. du Toit  
**INSOLVENTE BOEDEL BOEDELOORGAWE**

STEPHANIE FRANCES DU TOIT, Meestersverwysing-nr. C31/2015.

Aanstelling van Trusteese en Tweede vergadering van krediteure

Ingevolge Art. 40(3), 56(3) en 77 van die Insolvensiewet, 1936, artikels 129, 179 en 182 van die Maatskappijwet 1926 en artikels 339, 366, 375(5)(b) en 402 van die Maatskappijwet 1973, geskied kennis hiermee dat ondergemelde as trustee in bogenoemde boedel aangestel is en dat persone hulle skulde aan die bogenoemde trustee onverwyld moet betaal. Die tweede vergadering van krediteure van bogenoemde boedel sal gehou word op 6 Oktober 2015 om 10:00 by die kantoor van die Voorzitende Beampete by die Landdroshof, Strand, vir die bevrys van eise teen die boedel, om die likwidatoure se verslag oor die sake en toestand van die boedel in ontvangs te neem en om die likwidatour opdrag te gee ten opsigte van die realisering van die bates en die administrasie van die boedel.  
ALPHA MILLIARD CHARTERED ACCOUNTANTS ING., Posbus 7636, Roggebaai 8018. Tel. 021 425 4658. Trustee: Raymond David Fenner. 274784 Aug. 28 - (4215)

Y. Booysen  
**KENNISGEWING VAN TWEDE VERGADERING VAN KREDITEURE**

Insolvente boedel YOLANDA BOOYSEN, ID-nr. 681023 0239 08 5, Meestersverwysing: C106/2014. Kragtens Artikel 40(3), 56(3) en 77 van die Insolvensiewet geskied kennis hiermee dat die ondergetekende, aangestel is as Gesamentlike Kurator, en alle debiteure in die boedel hiermee versoek word om onmiddellik hulle skulde by die kantoor van die Gesamentlike Kurator te betaal. Die Tweede Vergadering van Krediteure, sal plaasvind vir die Voorzitende Beampete, Magistraats Hof, Worcester op 1 Oktober 2015 om 09:00.  
a) Om verdere eise te bevrys;  
b) Om die Gesamentlike Kurator se verslag voor te lê en te aanvaar;  
c) Om besluite te aanvaar.  
NEW ERA TRUSTEES, A. Moollajie & M. Walters, Gesamentlike Kurator, Posbus 38009, Gatedville 7766. Tel. 021 697 5002.  
Aug. 28-(4215)V

U.K. Prinsloo  
**KENNISGEWING VAN TWEDE VERGADERING VAN KREDITEURE**

Insolvente boedel URSULA KATRINA PRINSLOO, ID-nr. 640205 0114 08 3, Meestersverwysing: C153/2014. Kragtens Artikel 40(3), 56(3) en 77 van die Insolvensiewet geskied kennis hiermee dat die ondergetekende, aangestel is as Gesamentlike Kurator, en alle debiteure in die boedel hiermee versoek word om onmiddellik hulle skulde by die kantoor van die Gesamentlike Kurator te betaal. Die Tweede Vergadering van Krediteure, sal plaasvind vir die Voorzitende Beampete, Magistraats Hof, Goodwood op 30 September 2015 om 09:00.  
a) Om verdere eise te bevrys;  
b) Om die Gesamentlike Kurator se verslag voor te lê en te aanvaar;  
c) Om besluite te aanvaar.  
NEW ERA TRUSTEES, R. Moollajie & M. Baliso, Gesamentlike Kurator, Posbus 38009, Gatedville 7766. Tel. 021 697 5002.  
Aug. 28-(4215)V

**RED 'N LEWE!**

**Dankie dat jy my lewe gered het!**

Westelike Provinsie Bloed-oortappingsdiens  
W.P.B.T.S.  
021 - 507 6300

**INDEPENDENT ADVISORY**  
Trading Alpha Trust

Insolvente boedel TRADING ALPHA TRUST, Meestersverwysing-nr. C861/2015. Kennis geskied hiermee dat die Kurator se Eerste Likwidasië- en Distribusierekening in die bogenoemde saak ter eise sal lê in die kantoor van die Meester van die Hoogeregshof, Dullah Omar Gebou, Kasteelstraat 45, Kaapstad sowel as die kantore van die Landdros, Bellville vir 'n tydperk van 14 (veertien) dae met ingang van 28 Augustus 2015.  
INDEPENDENT ADVISORY, H.A. Phahles, C.F. Bester & E.A. Beddy, Posbus 820, Stellenbosch 7599. Tel. 021 980 5400.  
296458 Aug. 28-(4215)V

T. & A.C.J. Louw  
**INSOLVENTE BOEDEL**

Insolvente boedel TERBLANS & ANNIE CORNELIA JACOBA LOUW, Meester se verwysing-nr. C105/2012. Kennis geskied hiermee dat die Eerste & Finale Likwidasië, Distribusie- & Kontribusierekening in bogenoemde saak ter eise sal lê in die kantoor van die Meester van die Hoogeregshof, Kaapstad en die Landdros, Kynsa vir 'n tydperk van 14 (veertien) dae met ingang vanaf 28 Augustus 2015.  
NEW ERA TRUSTEES, A. Moollajie & C.A. Isaacs, Mede-Kurators, Posbus 38009, Gatedville 7766. Tel. 021 697 5002.  
286525 Aug. 28-(4215)V

Y.Y. Cyster  
**KENNISGEWING VAN TWEDE VERGADERING VAN KREDITEURE**

Insolvente boedel YOLANDA YOUNG CYSSTER, ID-nr. 780513 0142 08 1, Meestersverwysing: C10/2015. Kragtens Artikel 40(3), 56(3) en 77 van die Insolvensiewet geskied kennis hiermee dat die ondergetekende, aangestel is as Kurator, en alle debiteure in die boedel hiermee versoek word om onmiddellik hulle skulde by die kantoor van die Kurator te betaal. Die Tweede Vergadering van Krediteure, sal plaasvind vir die Landdros te Goodwood op Woensdag, 16 September 2015 om 09:00 vir:  
a) Om verdere eise te bevrys;  
b) Om die Kurator se verslag voor te lê en te aanvaar;  
c) Om besluite te aanvaar.  
CK TRUST, P.F. Rampopo & M.C. Rawoot, Posbus 3065, Tyngvallei 7536. Tel. 021 910 2902.  
276659 Aug. 28-(4215)V

**BOEDEL-OORGAWES**  
4220

P. Kido  
**BOEDELOORGAWE**

Kennis geskied hiermee dat op 21 September 2015 om 10:00 ingevolge art. 4(1) van die Insolvensiewet Nr. 24 van 1936, soos gewysig, by die Hoogeregshof van Suid-Afrika, Afdeling Wes-Kaap, aansoek gedoen sal word vir die aanvaarding van die oorgawe van die boedel van PATRICK KIDO, instrukteur, getroud buite gemeenskap van goedere met YOLANDA DENISE KIDO, werkloos, van Ollienhoutstraat 14, Millière Basis, Oudtshoorn, en dat sy vermoëndaar ter insae lê in die kantoor van die Meester van die Hoogeregshof, Kaapstad, en die Landdros Oudtshoorn, vir 'n tydperk van veertien (14) dae vanaf 31 Augustus 2015.  
FRANCOIS UYS, 1ste Vloer Convention Tower, h.v. Walter Sisuluvlaan & Heeringracht. E-pos: edit@uysincorp.co.za Tel. 012 654 9247. 664807 Aug. 28-(4220)

W.J. van Zyl  
**BOEDELOORGAWE**

Kennis geskied hiermee ingevolge Art. 4(1) van die Insolvensiewet, Nr. 24 van 1936, soos gewysig, dat aansoek gedoen sal word by die Wes-Kaapse Hoogeregshof, Kaapstad, op 21 September 2015 om 10:00, of so gou daarna as wat die saak aangehoor kan word, vir die aanvaarding van die boedeloorrgawe van WILLEM JACOBUS VAN ZYL, 'n sekuriteits-beampete, getroud buite gemeenskap van goedere, woonagtig te Victoriastraat 13, Oudtshoorn en dat 'n vermoëndaar ter insae sal lê in die kantoor van die Meester van die Hoogeregshof, Kaapstad en die Landdroskantor, Oudtshoorn vir 14 dae vanaf 31 Augustus 2015.  
FRANCOIS UYS ING., Prokureurs vir die Skuldeneaar, Saxbylaan 1022, Eldoraigne, Centurion. Tel. 012 654 9247. 664807 Aug. 28-(4220)

**Geselekteerde Subkontrak vir Kontrak No. 401Q/2012/13**

**TENDERAARS WORD UITGENOOI OM TE TENDER VIR DIE GESELEKTEERDE SUBKONTRAK VIR DIE LANDSKAPWERKE VIR KONTRAK NO 401Q/2012/13 VIR DIE KONSTRUKSIE VAN 463 GEMEENSAP BEHUISING EENHEDE OP ERF 3590, LANGA.**

Power Construction (Pty) Ltd is die hoofkontraakteur aangestel deur die Stad Kaapstad.

Voorkeur sal gegee word aan tenderaars wat voldoen aan die "Preferential Procurement Regulations 2011".

Tenderaars moet voldoen aan die Stad Kaapstad vereistes vir subkontraakteurs soos gelys in die tender dokument.

Die fisiese adres vir afhaal van tender dokumente is:

**Aurecon Centre  
1Century City Drive  
Waterford Precinct  
Century City  
7441**

Dokumente mag afgehaal word gedurende kantoor ure tussen **08:00 tot 16:00** vanaf **Vrydag 28 Augustus 2015**.

Navrae in verband met die uitreik van hierdie dokumente kan gerig word aan Mnr Benjamin Kellerman, Tel No. 021 526 9400, Faks No. 021 526 9500, e-pos benjamin.kellerman@arecongroup.com.

Die sluitingsdatum vir tenders is om **10:00 op Vrydag 11 September 2015**.

Geen telegrafiese, telefoniese, teleks, faks, e-pos of laat tenders sal aanvaar word nie.

Tenders mag slegs ingedien word op die tender dokumentasie wat voorsien word.

Die vereistes vir die versêelinge, adressering, aflewering, oopmaak en evaluering van tenders word aangespreek in die voorwaardes vir die indiening van tenders wat in die tender dokument gevind kan word.

XFOG2E1-0828015

**BERGRIVIER MUNISIPALITEIT**

**KWOTASIE MK129/2015: VOORSIENING EN AFLEWERING VAN BESKERMENDE-KLERE VIR STRANDOORDE PERSONELE VAN BERGRIVIER MUNISIPALITEIT**

KWOTASIES word aangevra vir die voorsiening en aflewering van Beskeremde Klere vir die Strandoorde Personeel van Bergrivier Munisipaliteit soos uiteengesit in die spesifikasies.

Kwotasies in verseëelde koeverte duidelik gemerk: **MK129/2015 "BESKERMENDE KLERE – STRANDOORDE PERSONEEL"**, moet in die tenderbus by die Munisipale kantoor, Kerkstraat 13, Piketberg plaas word voor 12:00 op **WOENSDAG, 16 SEPTEMBER 2015** wanneer die kwotasie in die publiek oopgemaak word.

Kwotasies sal geëvalueer word aan die hand van die Raad se Voorsieningskanaalbestuursbeleid. Dit is dus verpligtend om die Voorkeurverkyngsregulasie dokumente volledig in te vul om aanspraak te maak op voorkeerpunte.

**Pryse moet BTW insluit.**

Dokumente en spesifikasies wat die minimum vereistes bevat, is op aanvraag beskikbaar by Me. M. van Zyl by tel. no. 022 913 6000 gedurende gewone kantoorure. Tegnieke navrae moet aan Mnr G Esau (022 783 0408 -Stywelyne) en Me B Smidt by (022) 784 0110 –Dwarskersbos) onderskeidelik gerig word.

'n Geldige, oorspronklike Belastingklaringsertifikaat uitgereik deur Suid-Afrikaanse Inkomstediens (SAID/'SARS') moet saam met die kwotasie ingedien word.

Kwoteersders moet as 'n voornemende verskaffer by Bergrivier Munisipaliteit se Voorsieningskanaalafdeling registreer/registreerbaar wees.

Laat, onvolledige tenders of tenders ontvang per faks sal nie aanvaar word nie. Bewys van versending van 'n kwotasie sal nie as bewys van ontvangs aanvaar word nie. Die Raad behou die reg voor om enige kwotasie of gedeelte daarvan te aanvaar.

**MUNISIPALE KANTORE  
KERKSTRAAT 13  
POSBUS 60  
PIKETBERG, 7320  
MK129 / 2015**

**ADV HANLIE LINDE  
MUNISIPALE BESTUURDER**  
28 Augustus 2015

**BERGRIVIER MUNISIPALITEIT**

**TENDER 8/30-2015 : VOORSIENING EN AFLEWERING VAN 'N NUWE VULLIS-VERWYDERINGS-WIPBAKVRAGMOTOR**

TENDERS word hiermee aangevra van geregiestree motorvoertuighandelaars vir die voorsiening en aflewering van 'n nuwe vullisverwyderings-wipbakvragsmotor.

Volledig voltooid tenders in verseëelde koeverte duidelik gemerk "TENDER 8/30-2015: VOORSIENING EN AFLEWERING VAN WIPBAKVRAGMOTOR" moet plaas word in die tenderbus by die Munisipale Kantore, Kerkstraat 13, Piketberg om die ondergetekende te bereik voor 12:00 op 11 SEPTEMBER 2015, waarna tenders in die openbaar oopgemaak sal word.

Tenders sal geëvalueer word aan die hand van die Raad se Voorsieningskanaalbestuursbeleid. Dit is dus verpligtend dat die 80/20-voorkeerpunte eisoem van die Voorkeurverkyngsregulasies volledig ingevul moet word om aanspraak te maak op voorkeerpunte.

Tenders moet vir 'n tydperk van negentig (90) dae geldig en bindend wees na die sluitingsdatum.

Genoemde tenderdokumente en -spesifikasies wat die minimum vereistes bevat is op aanvraag by Me M.van Zyl, E. Scholtz gedurende gewone kantoorure by Tel. No. (022) 913 6000 beskikbaar. Alle tegnieke navrae moet aan Mnr J Breunissen by 022 913 6000 gerig word.

'n Geldige en oorspronklike belastingklaringsertifikaat uitgereik deur die Suid-Afrikaanse Inkomstediens (SARS) moet saam met die tender ingedien word.

Laat, onvolledige of tenders per faks sal nie aanvaar word nie. Bewys van versending van 'n tender sal nie as bewys van ontvangs daarvan erken word nie. Die Munisipaliteit is nie verpligt om die laagste of enige tender te aanvaar nie. Die Munisipaliteit behou die reg voor om die tender in geheel of gedeeltelik te aanvaar.

Munisipale Kantore  
Kerkstraat 13  
PIKETBERG  
7320  
MK134/2015

ADV HANLIE LINDE  
MUNISIPALE BESTUURDER  
28 Augustus 2015

**STELLENBOSCH**  
STELLENBOSCH • PNIEL • FRANSCHHOEK  
MUNISIPALITEIT • UMASIPALA • MUNICIPALITY

**INVITATION TO BID: B/SM 45/16**  
**SUPPLY AND DELIVERY OF VARIOUS NEW VEHICLES**

Notice is hereby given that bids are invited from registered, qualified and suitably experienced professional service providers for the supply and delivery of 1400cc and 1600cc motor vehicles, ½ ton and 1 ton light delivery vehicles (bakkijs) and a panel van.

**A compulsory briefing meeting will be held in the Boardroom at 1 Hoffman Street, Stellenbosch, on Tuesday 8 September 2015 at 10h00.**

The tender document is available free of charge on our website at [www.stellenbosch.gov.za](http://www.stellenbosch.gov.za), however a non-refundable deposit of R250.00 per document is payable to the Stellenbosch Municipality if collecting a hard copy, during office hours, from The Supply Chain Management Unit, Stellenbosch Municipality, 1st Floor, Room no.121, Plein Street, Stellenbosch.

Queries relating to these documents may be addressed to Mr. TM Rhode at 021 808 8518 and technical queries to Mr. Chriswill Mannel on 021 808 8439 or 073 851 0580 or [chriswill.mannel@stellenbosch.gov.za](mailto:chriswill.mannel@stellenbosch.gov.za)

Sealed bids with the Bidder's name and address and the endorsement "B/SM 45/16: VARIOUS VEHICLES" on the envelope, must be placed in the bid box situated at the Stellenbosch Municipality, Plein Street, Stellenbosch or posted to The Stellenbosch Municipality, PO Box 17, Stellenbosch, 7599 to reach us not later than **Friday, 18 September 2015 at 12h:00** after which the bids will be opened in public.

The bid box is accessible 24 hours a day and bids must be accompanied by the complete set of documents. Bids not accompanied by the complete bid document, will not be considered. Late, electronic format or faxed bids will not be considered and the Municipality does not bind itself to accept the lowest, part of or any bid.

Bids will be evaluated in accordance with the Supply Chain Management Policy of the Stellenbosch Municipality and the Preferential Procurement Policy Framework Act and the Preferential Procurement regulations, 2011. The 90/10 points system will be applicable.

PRICE	90
B-BBEE STATUS LEVEL OF CONTRIBUTION	10
Total points for Price and B-BBEE	100

Municipal Manager  
Stellenbosch Municipality  
August 2015

XFOGPAR-0828015

**ARCUS**

**20 YEARS**  
1993 - 2013

**KENNISGEWING VAN OMGEWINGSIMPAAKVALUERINGSPROSES EN OPENBARE DEELNAMEPROSES: VOORGESTELDE KOMSBERG OOS EN KOMSBERG WES WINDKRAGANLEG FASILITEITE, WES-KAAP EN NOORD-KAAP PROVINSIAS.**

Kennis geskied in terme van die Wet op Nasionale Omgewingsbestuur, 1998 (Wet 107 van 1998) (NEMA) (soos gewysig), van 'n openbare deelnameproses.

**Nasionale Departement van Omgewingsake (DEA) verwysingsnommer:** Sal toegeken word met die voorlegging van aansoek.

**Aard en ligging van die projek:** Komsberg Wind Farms Edms. Bpk is van plan om die Komsberg Oos en Komsberg Wes Windkraganleg Fasiliteite (WEF) en hul verwante infrastruktuur te ontwikkel. Elke van die WEF sal 'n maksimum opwekkingskapasiteit van 275MW hê. Beide WEF sal binne die Wes-Kaap Provinsie geleë wees, met 'n klein gedeelte daarvan binne die grense van die Noord-Kaap Provinsie, ongeveer 60km noord van Laingsburg en 40km suidoos van Sutherland.

**Twee aparte aansoeke vir Bestekopname en Omgewingsinvloedbeplanning proses vir elk een van die WEF sal ingedien word by die Nasionale Departement van Omgewingsake (DEA), 'n Gesamentlike openbare deelnameproses sal onderneem word vir hierdie prosesse en twee Basiese Assesseringsprosesse sal ook onderneem word vir die twee gepaardgaande netwerk-konnieksie komponente.**

**NEMA gelyste aktiwiteite:** LN1 GN R983 11 (i); 12 (iii, x, xii); 19 (i); 24 (ii); 27; 48 (iii); 56 (i, ii); LN2 GN R984 1; 2; 15. LN3 GN R985 4 (a) (ii) & (f) (i); 10 (g) (i); 12 (a) (ii) & (d) (ii); 14 (a) (ii) & (f) (i); 18 (a) (ii) & (f) (i); 23 (a) (ii) & (g) (i).

'n Voorlopige bestekopname verslag sal vanaf 1 September 2015 tot en met 1 Oktober 2015 beskikbaar gestel word vir u kommentaar by die volgende openbare plekke:

- Sutherland Openbare Biblioteek;
- Laingsburg Openbare Biblioteek; en
- Webwerwe: [www.eims.co.za](http://www.eims.co.za) en [www.arcusconsulting.co.za](http://www.arcusconsulting.co.za).

Ten einde te verseker dat u geïdentifiseer en geregiestree word as 'n belangstellende of geaffekteerde party, en/of om 'n afskrif van die Agtergrondinligtingsdokument (AID) te ontvang, stuur asseblief u naam, kontakbesoedherde, rede vir u belangstelling en die kwessies/ besware, skriftelik of telefonies aan:

**Environmental Impact Management Services Edms. Bpk**  
Posadres: Posbus 2083, Pinedagrie, 2123  
Telefoon: 011 789 7170  
Faks: 011 787 3059  
Epos: [komsberg@eims.co.za](mailto:komsberg@eims.co.za)  
Kontak: Nobuhle Hughes

**Neem asseblief kennis dat slegs geregiestreeerde belanghebbende en geaffekteerde partye van verdere geleentheid vir betrokkeheid by hierdie proses in kennis gestel sal word.**

XFOG2MB-0828015

**RED 'N LEWE!**

**Dankie dat jy my lewe gered het!**

Westelike Provinsie Bloed-oortappingsdiens  
W.P.B.T.S. 021 507 6300

**JOHANNESBURG** – Na-natse tegnologie 'n eskalerende alreë van ons daaglikse lewens word, sal opvoedkundige spesialiste byniekaar kom en bespreek hoe om dit die beste in skole te inkorporeer.

Tegnologie kan egter nie leerprobleme oplos nie, waarsku Edublox. Onderwysers en opvoedkundige spesialiste sal Vrydag 28 Augustus 2015 met 'n personeel by die Tegnologie in Onderwys Konferensie in Johannesburg byeenkom om tegnologie in die onderwys te ontsoek. Hulke sal maniere bespreek om die uitkomst in die klaskamer, veral in Wiskunde en Wetsenskap te verbeter.

Edublox opvoedkundige praktisyne, Louisa Spies, sal die verband tussen tegnologie en kognitiewe vaardighede in Wiskunde onderrig bespreek. Susan du Plessis, Direkteur van Opvoedkundige Programme by Edublox, sê daar is geen twyfel dat tegnologie 'n waardevolle hulpmiddel is wanneer dit by leer kom nie, en dat daar baie opvoedkundige voordele daarvan verbode is. Sy sê egter dat onderwysers en ouers versigtig moet wees en tegnologie as 'n leerhulpmiddel op die regte tyd en plek en ook volgens 'n kind se behoeftes en vermoëns aan hant/haar moet bekendstel.

Sakekenners, wat vir baie jare al as die mees basiese tegnologie in die klaskamer beskou word, word nie ingesluit in Graad 1 of Graad 2 se skryf- en leesprobleme nie. Du Plessis sê die rede daarvoor is dat kinders eers 'n fundamentele begrip van nommers, tel, optel en aftrek nodig het voordat tegnologie as 'n "kortpad" gebruik kan word.

Du Plessis sê voorts dat ouers en onderwysers daarop behoort te let dat tegnologie nie onderrigstelsel vir kinders met leerprobleme kan vervang nie. Rekenaarprogramme wat ontwerp is om oëblywings te verbeter, word nou oor 'n wye spektrum as 'n intervensie-hulpmiddel vir leerprobleme gebruik. Alhoewel oogbewegings belangrik is by leer,

waarsku Lizelle Looek, 'n opvoedkundige van Paarl dat die verbetering van oogbewegings nie 'n leerprobleem sal oplos nie. Woordeskat, letterkennis en kennis van spelreëls moet ook versigtig word voordat leer kan verbeter, slegs nadat hierdie elemente onder beheer is, kan 'n rekenaarprogram bekendstel om te help, sê Looek. Du Plessis voeg by dat kognitiewe vaardighede soos gefokusde aandag, visuele en auditiewe prosessering, geheue en logiese denke ook ontwikkel moet word voordat effektiewe leer kan plaasvind.

**TEGNOLOGIE HET SY TEKORTKOMINGE**

**Leer jou kind eers reken en lees vóór die komper**

Rekenaar-gebaseerde leerasseerlinge kan vir ouers 'n vals gevoel van gerusstelling aangaande hul kind se leervaardighede gee, sê du Plessis wat opgeliet het dat aandag en geheue negatief deur tegnologie geaffekteer is. Sy sê dat kinders nie meer oor die geboue vaardighede beskik waartoe hul vroeër beskik het nie en dat tegnologie 'n rol hierin speel. Die gerank waarmee inligting vroeër oorgespoor kan word, maak dit vir kinders belangriker om te weet waar om te kyk as om iets dinklik te memoriseer. Studies het bevind dat dit voordeliger vir langtermyngeheue en begrip is om uit 'n boek te lees as om van 'n skerm af te lees.

Dole van die brein word ontwikkel deur handskrif te oefen, iets wat "touch-screen" tegnologie nie kan bied nie. Daar is waarskynlik om met die hand te skryf, sê du Plessis. Dit help ons om ons brein aan die gang te kryk en idees te genereer, moete as wat die op 'n skerm doen om dit help met kognitiewe begrip.

'n \$10 Miljoen studie wat 15 rekenaargebaseerde leer- en Wiskunde programme, 9 424 leerders en 439 onderwysers by 132 skole in die Verenigde State insluit, het geen verskil in akademiese prestasie gevind tussen studente wat tegnologie in hul klaskamers gebruik het, en kinders wat ander metodes gebruik het nie.

Waarom vir ouers? Moenie op 'n rekenaarprogram staatmaak om jou kind so leervaardigheids, leerspoed en begrip te ontwikkel nie. Maak gebruik van wetsenskaplike leerasseerlinge wat deur 'n gekwalifiseerde spesialis afgemerk is.

Maak seker dat jou kind gereeld vir jou hardop uit 'n boek van sy/haar eie keuse lees. Vra vir hulle vrae om hul vlak van begrip oor wat hulle soos gelees het, vas te stel.

Monitor die tyd wat jou kind deurbring deur 'n skerm te kyk vir opvoedkundige redes of ontspanning, het dit 'n TV, rekenaar, iPhon of selfoon is. Skool kan baie vervalde wees vir 'n kind wat die hele tyd aan tegnologie blootgestel word.

Lig verskeie skermreëls om te beperk melatonienvlakke.

'n harmonie wat jou slaap en wakker siklusse help behou: Laat jou kind 'n gedrukte boek voor slaaptid lees.

Wanneer jou kind 'n goeie leser is, gebruik rekenaartegnologie om sy/haar horison te verbreed en leer hulke om te spoedloop.

Edublox is voorlopers in kognitiewe ontwikkeling met 22 leer- en leerkennende rekenaar-gebaseerde programme wat nulteksontwikkeling kognitiewe ontwikkeling goemik daarop om

die fundamentele vaardighede van lees, spel en Wiskunde te ontwikkel en te outomatiseer. Besoek [www.edublox.co.za](http://www.edublox.co.za) vir meer inligting oor Edublox.

**SPELKOMPETISIE**

LEERERS in die grondlagfase van Graad 1 tot Graad 3 van Laerskool Nico Dinkler in Wiltzenriet ook op Vrydag 14 Augustus aan die ATKV se VOW spelkompetisie op Calvinia deelneem.



**GERUGTE OOR DIE PLEIN**

**Chemikalieë en die naaste boompie**

Rool proppele op plein van Calvinia, akryl? Ek het nie meer skeep, my bankies en tafels is weggevat om staak te hier met my malonitiese en onkol stop en wonder wat gaan hier aan?

Inligting is min, vrees is baie en rumours nog meer. Die woord op straat is dat daar vir 'n bevestig, of is dit nuu opkomende sakeaan, karwas boeiheid luggerig word. Ek wonder op wie se koste.

Aits, nou val die rolproppele regoor. Ek wonder waar die naaste boom is, want gerugte; hoopjig dat publieke abluise ook sluit en sy stoor vir die persoon se skemalies sal dien.

Soer ek weet is dit openbare spaaie. Sal dit nie meer tot voordeel van samelewing wees as vroeë kerke en ander instansies, op roterende basis, kuns kry om fondse daar te genereer nie.

Ben van ons hardwerkende munisipale amptenare kan dit maklik administreer. Ek hoop ek is verkeerd, iets stink hier en dit is nie as gevolg van jou lotte wat gesluit het. Soms dinge nou staan hoof die ANC nie eens veldtog te loods vir

volgende verkiesing. Die huidige munisipaliteit, onder beheer van DA doen die werk namens hul. Al gewonder wanneer kry ek my kopsakke en waasjies wat aan my belowe was, so tien jaar terug.

Ek het nou al opgegee vir hoop van hulle, my sikkheik sal maar moet doen. Al wat afgelepe paar jaar gowyn het, is dat meeste politio; net na hulself kyk, rol is net toe befin tot.

Nuu ja, laat ek maar weer oor broodgeldjie gaan soek.

**WESKAAPLANOER DORPERKURUS**

**DORPER KURSUS**

7-10 September 2015

**OP KASTEEL, LOXTON**

Bespreek usseblaf voor 1 September 2015

Koste: R3 500 per persoon Boek: R250,00

**KONTAK RIAAN BY 060 393 8866**

of Epos: [kranskopshantam.co.za](http://kranskopshantam.co.za)

**ARCUS**

20 YEARS 1995 - 2015

**NOTIFICATION OF ENVIRONMENTAL IMPACT ASSESSMENT PROCESS AND PUBLIC PARTICIPATION PROCESS, PROPOSED KOMBERSBERG EAST AND WEST WIND ENERGY FACILITIES WESTERN AND NORTHERN CAPE PROVINCES**

Notice is hereby given of a Public Participation Process to be undertaken in terms of the National Environmental Management Act, 1998 (Act No. 107 of 1998), as amended.

**DEA Reference Number:** To be allocated upon submission of application.

**Nature and Location of Activity:** Komberg Wind Farms (Pty) Ltd intend to develop Komberg East and Komberg West Wind Energy Facilities and their associated grid connections, each of which would have a maximum generation capacity of 275MW. Each Wind Energy Facility would be located in the Western Cape Province, with a small portion also being located across the border of the Northern Cape Province, approximately 60km north of Laingsburg and 40km south east of Sutherland.

**Two applications for a Scoping and Environmental Impact Assessment process for each Wind Energy Facility will be submitted to the competent authority, the Department of Environmental Affairs (DEA), for a decision. A combined Public Participation Process will be undertaken for these processes and two Basic Assessment Processes will be initiated for the two proposed Grid Connections.**

**Listed Activities:** LN1 CN B2B3 1(f); 12 (iii, x, xi); 19 (i); 24 (ii); 27; 48 (iii); 58 (i, ii); LN2 CN B2B4 1 & 2; 15; LN3 CN B2B5 4 (a)(i) & (ii); 10(a)(i); 12(a)(ii) & (d) (ii); 14 (a)(ii) & (i)(i); 16 (a)(ii) & (i)(i); 23(a)(ii) & (i)(i).

**A Draft Scoping Report will be available for public review and comment from the 1st September 2015 to the 1st October 2015 at the following locations:**

- Sutherland Public Library;
- Laingsburg Public Library; and
- Web sites: [www.eims.co.za](http://www.eims.co.za) and [www.arcusconsulting.co.za](http://www.arcusconsulting.co.za).

Should you wish to be registered as an Interested and Affected Party (I&AP) and/or receive a copy of the Background Information Document (BID), please respond to this notification by submitting your name, interest in the project, email address, postal address and telephone number as well as any comments in writing to the address below:

**Environmental Impact Management Services (Pty) Ltd**  
 Postal Address: P. O. Box 2083, Pinesgowrie, 2173  
 Telephone: 011 783 7170  
 Fax: 011 787 3059  
 Email: [komberg@eims.co.za](mailto:komberg@eims.co.za)  
 Contact person: Ma Nobuhle Hughes

**Correspondence throughout the remainder of the PPP and BIA Process will only be distributed to Registered I&APs. Registration is possible throughout the BIA Process.**

**SPORTDAG-NETBAL**

LAERSKOOI Nico Dinkler, Wiltzenriet se O.K. netbalspan was een van die spanne wataterdag 22 Augustus 2015 aan die Old Mutual sportdag deelneem het.







### KENNISGEWING VAN OMGEWINGSIMPAAKEVALUERINGSPROSES EN OPENBARE DOELNAMEPROSES VOORGESTELDE KOMSBERG OOS EN KOMSBERG WES WINDKRAGANLEGFASILITEITE WES-KAAP EN NOORD-KAAP PROVINSIES

Kennis gekied in terme van die Wet op Nasionale Omgewingsbeheer, 1998 (Wet 107 van 1998) (NEMA) (soos gewysig), van 'n openbare doelnameproses.

Nasionale Departement van Omgewingsake (DGA) Verwysingsnommer: M1 luogekon word met die voorlegging van aansoek.

Aard en ligging van die projek: Komsberg Wind Farms Edms Bpk te van plan om die Komsberg Oos en Komsberg Wes Windkraganleg Fasiliteite (WEF) op hul verwerf infrastruktuur te ontwikkel.

Twee aparte aansoeke vir Bestekopname en Omgewingsinvloedsoppeeling proses vir elk een van die WEF sal ingedien word by die Nasionale Departement van Omgewingsake (DGA). 'n Gesamentlike openbare doelnameproses sal onderneem word vir hierdie prosesse en twee Basiese Asseseringprosesse sal ook onderneem word vir die twee gepaardgaande netwerkkonnekale komponente.

NEMA polyste aktiwiteite: LN1 ON 1988 1 (1); 12 (ii), x, xii); 19 (i); 24 (ii); 27; 48 (iii); 58 (i, ii), LN2 ON 1988 1; 2; 15. LN3 ON 1988 4 (a)(i) & (i)(i); 10(i)(i); 12(a)(ii) & (d) (i); 14 (a)(ii) & (i)(i); 18 (a)(ii) & (i)(i); 23(a)(ii) & (ii)(i).

'n Voorlopige bestekopname verslag sal vanaf 1 September 2015 tot op met 1 Oktober 2015 beskikbaar gestel word vir u kommentaar by die volgende openbare plekke:

- Sutherland Openbare Biblioteek;
- Laingsburg Openbare Biblioteek; en
- Webwerw: [www.gims.co.za](http://www.gims.co.za) en [www.nrcsconsulting.co.za](http://www.nrcsconsulting.co.za).

Ten einde te verseker dat u goedgekeurde of geregtig word as 'n belangstellende of goedgekeurde party, ontfang om 'n afskrif van die Agtergrondinligtingedokument (AID) te ontvang, stuur asseblief u naam, kontakbesonderhede, rede vir u belangstelling en die kwessie/ besware, skriftelik of telefonies aan:

Environmental Impact Management Services Edms Bpk  
Posadres: Posbus 2083, Pinedrive, 2123  
Telefoon: 011 789 7170  
Faks: 011 787 3059  
Epos: [komsberg@eims.co.za](mailto:komsberg@eims.co.za)  
Kontak: Nohuthe Hughes

Noem asseblief kennis dat alle geregtig (eerde-baanghebbende en goedgekeurde partye, wat verdere geleentheid vir betrokkeheid by hierdie proses in kennis gestel sal word.



### NA UPINGTON

LEERDEKS van Graad 4 tot Graad 7 van Hantam Laer skool het baie goed gavaar in die ATKV se jaarlikse WOW spulkompetisie en gaan nou op Saterdag 12 September in Upington vorder diewynom.

### 32 Jaar gelede

DIE NOORDWESTER: 11 Februarie 1983. Tydens 'n plegtigheid het na die Nagmaaladiese verlate Sondag te die gedenkplaat wat die N.C. Moederkerk na Gekiedkundige Gedenkwaardigheid verklaar, deur mnr. Andrius Vlak in die voorportaal van die kerk onthul. Bouwerk aan die kerk het in 1899 begin.

### JAPIE LUISTER BY DIE VENSTER

## Kersliedere laat my maar staan

Die mi van die vrou in die smelwing het oor tyd wesenlik verander. 'n Mens vat goot sonik dat die vrou nie waandig geug is om te ken ston nie. Hierdie miskenning van die waarde van die vrou het op alle terreine waargekom, ook in die kerk. Die vrou kon nie in simpe dien nie. Vandag het 'n mens die verkyndat dat daar nog steeds kerkenoetskappe is wat so funksioneer, terwyl daar ander is waar die vrou tot die hoogste amp verkie word.



REUSE IMPLEMENT

TIEN JAAR staan Calvinia Motors voltyd in diens van die Hantam en omstreke met die voorsiening van diens aan motorvoertuie, veral General Motors produkte.



FLINK INSLEEPDIENS

# CALVINIA MOTORS

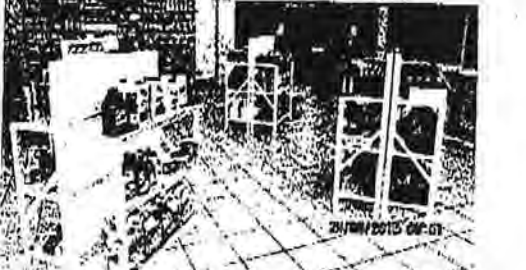
## Vier sy tiende bestaansjaar

Die insleepdiens is gesog weens vinnige reaksie op nougesette versorging van beskadigde voertuie. Die vulstasie vir voorleuning van Caltex-brandstof en olie is opgeknap in die tyd met nuwe tenks en 'n verbeterde ry-oppervlakte. Ook die administrasie is gemoderniseer.

### BESTUUR EN PERSONEEL SÊ DANKIE

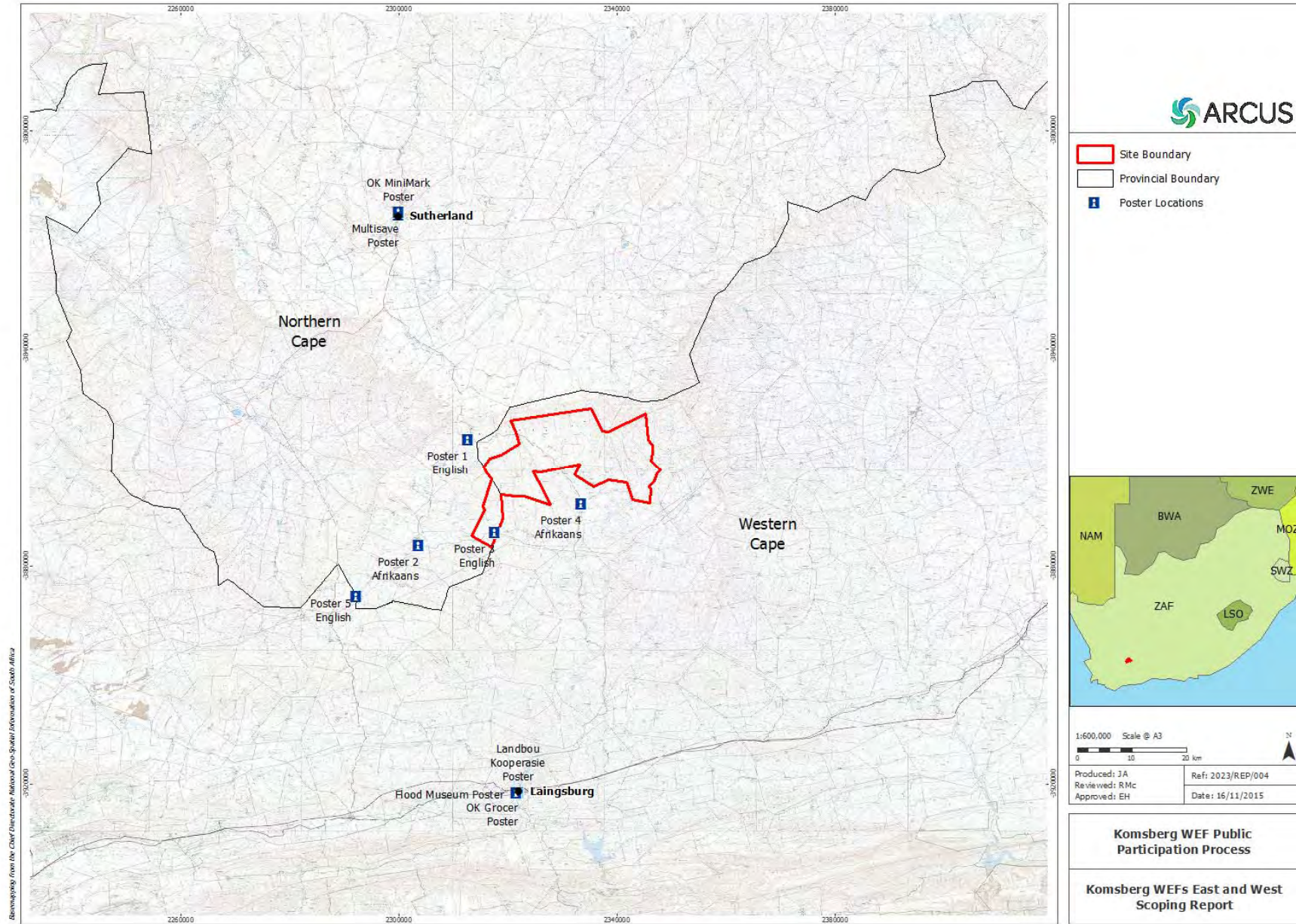
CALVINIA MOTORS SE PERSONEEL IN 2015

MIDAS AGENTSAP VERTOONKAMER





# PROOF OF POSTER DISPLAYS AND SIGNBOARDS ON SITE



**Figure 1: Location of Posters and Signboards – 31 August 2015.**





**Plate 1: Poster at Multisave, Sutherland Main Road.**

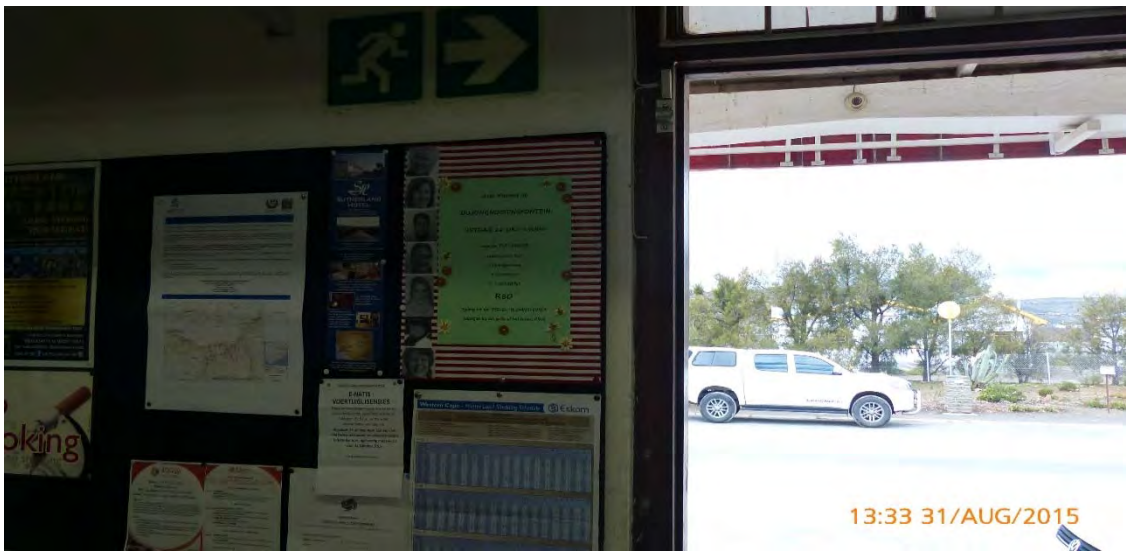


**Plate 2: Poster at Multisave, Sutherland Main Road.**



**Plate 3: Poster at Multisave, Sutherland Main Road.**





***Plate 4: Poster at the OK MiniMark, Sutherland Main Road.***



***Plate 5: Poster at the OK MiniMark, Sutherland Main Road.***



***Plate 6: English poster 1 on gate on the road at the bottom of the Komsberg Pass (co-ordinates-32.707633° 20.775551°).***





**Plate 7: English poster 1 on gate on road at the bottom of the Komsberg Pass (co-ordinates -32.707633° 20.775551°).**



**Plate 8: Afrikaans poster 2 on fence opposite this road sign (refer below) (co-ordinates -32.855639° 20.694381°).**



**Plate 9: Afrikaans poster 2 on fence on road (refer above and below) (co-ordinates -32.855639° 20.694381°).**





***Plate 10: Afrikaans poster 2 on fence on road (as above) (co-ordinates -32.855639° 20.694381°)***



***Plate 11: English poster 3 on farm road fence (co-ordinates -32.837576° 20.820497°).***



***Plate 12: English poster 3 on road fence (co-ordinates -32.837576° 20.820497°).***





**Plate 13: Afrikaans poster 4 on gravel road intersection (refer below) (co-ordinates  $-32.797889^{\circ}$   $20.962042^{\circ}$ ).**



**Plate 14: Afrikaans poster 4 on gravel road intersection (co-ordinates  $-32.797889^{\circ}$   $20.962042^{\circ}$ ).**



**Plate 15: English poster 5 on gravel road (co-ordinates  $-32.553461^{\circ}$   $20.353119^{\circ}$ ).**





**Plate 16: Poster at the OK Grocer on Van Riebeeck Street in Laingsburg (co-ordinates 33°11'51.24"S 20°51'29.42"E).**



**Plate 17: Poster at the Landbou Koöperasie on Van Riebeeck Street, Laingsburg (co-ordinates 33°11'49.31"S 20°51'29.35").**



***Plate 18: Poster at the Laingsburg Flood Museum (co-ordinates 33°11'49.47"S 20°51'20.65"E).***



***Plate 19: Poster at the Laingsburg Flood Museum (co-ordinates 33°11'49.47"S 20°51'20.65"E).***



**Appendix D2 Notification letter and Background Information Document  
(BID)**



**NOTIFICATION OF ENVIRONMENTAL IMPACT ASSESSMENT PROCESS AND PUBLIC PARTICIPATION PROCESS: PROPOSED KOMSBERG EAST AND WEST WIND ENERGY FACILITIES, WESTERN AND NORTHERN CAPE PROVINCES**

Notice is hereby given of a Public Participation Process to be undertaken in terms of the National Environmental Management Act, 1998 (Act No. 107 of 1998), as amended.

**DEA Reference Number:** To be allocated upon submission of application.

**Nature and Location of Activity:** Komsberg Wind Farms (Pty) Ltd intend to develop Komsberg East and Komsberg West Wind Energy Facilities and their associated grid connections, each of which would have a maximum generation capacity of 275MW. Each Wind Energy Facility would be located in the Western Cape Province, with a small portion also being located across the border of the Northern Cape Province, approximately 60km north of Laingsburg and 40km south east of Sutherland.

**Two applications for a Scoping and Environmental Impact Assessment process for each Wind Energy Facility will be submitted to the competent authority, the Department of Environmental Affairs (DEA), for a decision. A combined Public Participation Process will be undertaken for these processes and two Basic Assessment Processes will be initiated for the two proposed Grid Connections.**

**Listed Activities:** LN1 GN R983\_11(i); 12 (iii, x, xii); 19 (i); 24 (ii); 27; 48 (iii); 56 (i, ii). LN2 GN R984 1; 2; 15. LN3 GN R985 4 (a)(ii) &(f)(i); 10(g)(i); 12(a)(ii) & (d) (ii); 14 (a)(ii) & (f)(i); 18 (a)(ii) & (f)(i); 23(a)(ii) & (g)(i).

A **Draft Scoping Report** will be available for public review and comment from the 1<sup>st</sup> September 2015 to the 1<sup>st</sup> October 2015 at the following locations:

- Sutherland Public Library;
- Laingsburg Public Library; and
- Websites: [www.eims.co.za](http://www.eims.co.za) and [www.arcusconsulting.co.za](http://www.arcusconsulting.co.za).

Should you wish to be registered as an **Interested and Affected Party (I&AP)** and/or receive a copy of the **Background Information Document (BID)**, please respond to this notification by submitting your name, interest in the project, email address, postal address and telephone number as well as any comments in writing to the address below:

**Environmental Impact Management Services (Pty) Ltd**  
**Postal Address: P. O. Box 2083, Pinegowrie, 2123**  
**Telephone: 011 789 7170**  
**Fax: 011 787 3059**  
**Email: [komsberg@eims.co.za](mailto:komsberg@eims.co.za)**  
**Contact person: Ms Nobuhle Hughes**

**Correspondence throughout the remainder of the PPP and EIA Process will only be distributed to Registered I&APs. Registration is possible throughout the EIA Process.**

**KENNISGEWING VAN OMGEWINGSIMPAAKEVALUERINGSPROSES EN OPENBARE DEELNAMEPROSES: VOORGESTELDE KOMSBERG-OOS EN KOMSBERG WES WINDKRAGAAANLEG FASILITEITE, WES-KAAP EN NOORD-KAAP PROVINSIES.**

Kennis geskied in terme van die Wet op Nasionale Omgewingsbestuur, 1998 (Wet 107 van 1998) (NEMA) (soos gewysig), van 'n openbare deelnameproses.

**Nasionale Departement van Omgewingsake (DEA) verwysingsnommer:** Sal toegeken word met die voorlegging van aansoek.

**Aard en ligging van die projek:** Komsberg Wind Farms Edms.Bpk is van plan om die Komsberg-Oos en Komsberg Wes Windkragaanleg Fasiliteite (WEF) en hul verwante infrastruktuur te ontwikkel. Elkeen van die WEF sal 'n maksimum opwekkingskapasiteit van 275MW hê. Beide WEF sal binne die Wes-Kaap Provinsie geleë wees, met 'n klein gedeelte daarvan binne the grense van die Noord-Kaap Provinsie, ongeveer 60km noord van Laingsburg en 40km suidoos van Sutherland.

**Twee aparte aansoeke vir Bestekopname en Omgewingsinvloedbepaling proses vir elk een van die WEF sal ingedien word by die Nasionale Departement van Omgewingsake (DEA). 'n Gesamentlike openbare deelnameproses sal onderneem word vir hierdie prosesse en twee basiese assesseringsprosesse sal ook onderneem word vir die twee gepaardgaande netwerkkonneksie komponente.**

**NEMA gelyste aktiwiteite:** LN1 GN R983 11(i); 12 (iii, x, xii); 19 (i); 24 (ii); 27; 48 (iii); 56 (i, ii). LN2 GN R984 1; 2; 15. LN3 GN R985 4 (a)(ii) &(f)(i); 10(g)(i); 12(a)(ii) & (d) (ii); 14 (a)(ii) & (f)(i); 18 (a)(ii) & (f)(i); 23(a)(ii) & (g)(i).

'n Voorlopige bestekopname verslag sal vanaf 1 September 2015 tot en met 1 Oktober 2015 beskikbaar gestel word vir u kommentaar by die volgende openbare plekke:

- Sutherland Openbare Biblioteek;
- Laingsburg Openbare Biblioteek; en
- Webwerwe: [www.eims.co.za](http://www.eims.co.za) en [www.arcusconsulting.co.za](http://www.arcusconsulting.co.za)

Ten einde te verseker dat u geïdentifiseer en geregistreer word as 'n belangstellende of geaffekteerde party, en / of om 'n afskrif van die Agtergrondinligtingsdokument (AID) te ontvang, stuur asseblief u naam, kontakbesonderhede, rede vir u belangstelling en die kwessies/ besware, skriftelik of telefonies aan:

**Environmental Impact Management Services Edms. Bpk**  
**Posadres: Posbus 2083, Pinegowrie, 2123**  
**Telefoon: 011 789 7170**  
**Faks: 011 787 3059**  
**Epos: [komsberg@eims.co.za](mailto:komsberg@eims.co.za)**  
**Kontak: Nobuhle Hughes**

**Neem asseblief kennis dat slegs geregistreerde belanghebbende en geaffekteerde partye van verdere geleentheid vir betrokkeheid by hierdie proses in kennis gestel sal word.**



## BACKGROUND INFORMATION DOCUMENT

### 1. INTRODUCTION AND BACKGROUND

**Arcus Consulting Services (Pty) Ltd** has been appointed by **Komsberg Wind Farms (Pty) Ltd** to conduct the Environmental Impact Assessment (EIA) process as required by the National Environmental Management Act, 1998 (Act No. 107 of 1998) (NEMA), as amended, for the proposed establishment of two wind energy facilities (WEFs), Komsberg East and West and their associated grid connections.

The proposed grid connections will be subject to two further separate EIA processes (Basic Assessment).

The majority of the study area is located in the Western Cape Province and a smaller portion of the study area, is located on the border of the Northern Cape Province, approximately 60km north of Laingsburg and 40km south east of Sutherland. The proposed sites lie adjacent to each other in the Moordenaars Karoo.

The location of the Project is shown on the Location Plan (**Figure 1**) and covers a total area of approximately 26 832 hectares. The footprint of the proposed infrastructure would equate to less than one percent of the total area.

Most of the proposed site is located in the Laingsburg Local Municipal area, which forms part of the Central Karoo District Municipality in the Western Cape Province. A small portion of the site falls within the Northern Cape Province, within the Karoo Hoogland Local Municipality, which forms part of the Namakwa District Municipality.

The main access route to the proposed site is via the R354 and the Komsberg and Moordenaars Karoo District Roads, approaching the study area from the west.

Currently, there are three occupied homesteads located within the study area, two in the Komsberg East area and one in the Komsberg West area. The main land uses in the area are linked to livestock farming. The proposed site is made up of a number of farms, and are zoned for Agricultural Use.

The aim of the project is to generate electricity, which is likely to be sold through the Department of Energy's (DoE) Renewable Energy Independent Power Producer Procurement Programme (REIPPPP). The WEFs will deliver electricity into the existing Eskom electricity grid via a high voltage grid connection.

### 2. PURPOSE OF THIS DOCUMENT

The purpose of this Background Information Document (BID) is to:

- Provide Interested and Affected Parties (I&APs) with information regarding the proposed development;
- Provide I&APs with an opportunity to register as an I&AP;
- Provide an overview of the proposed activities and the legal framework in which the Project is executed;
- Describe the environmental process being undertaken; and
- Provide I&APs with the early opportunity to raise any environmental issues or concerns that they may have and allow I&APs collaborate in the authorisation process.

This BID is the first to be produced in a series of documents/reports for this application. Further documentation with detailed information will be made available for comment during the process.

### 3. PROJECT DESCRIPTION

The Project comprises two WEFs and their associated grid connections. Each WEF will have a maximum generation capacity of up to 275 megawatts (MW).

The Komsberg East and Komsberg West WEFs will consist of the following infrastructural components:

- Up to 55 wind turbines each of between 2 MW and up to 5MW in capacity with a rotor diameter of up to 140m and a hub height of up to 120m;

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- Foundations and hardstands associated with the wind turbines;
- Up to 8m wide internal access road to each turbine, the substation complex and the ancillary infrastructure, including underground cabling adjacent the roads. Road length would be up to approximately 40km in total;
- Medium voltage cabling between turbines and the substation, to be laid underground where practical;
- Overhead medium voltage cables between certain turbine strings or rows;
- A 100m x 150m on-site substation complex to facilitate stepping up the voltage from medium to high voltage (up to 400kV) to enable the connection of the wind farm to the national grid;
- A 35km (Komsberg West) and a 55km (Komsberg East) high voltage power line (132kV) from the on-site substation to the national grid at the Eskom Komsberg Main Transmission Substation;
- A 30m x 50m operations and services workshop area/office building for control, maintenance and storage; and
- Temporary infrastructure including a site camp, laydown areas and a batching plant totalling 150m x 100m in extent.

The exact location of each turbine, and the routing of the power lines have not yet been determined. This will be confirmed during the EIA phase of this process, aided through the investigations of environmental, technical and financial constraints.

#### 4. LEGAL REQUIREMENTS

On 4 December 2014, the Minister of Environmental Affairs promulgated new regulations in terms of Chapter 5 of the NEMA, viz, the EIA Regulations 2014 (Government Notices (GN) No. R. 982, R. 983, R. 984 and R. 985 in Government Gazette No. 38282 of 4 December 2014). These regulations came into effect on 8 December 2014.

The EIA Regulations 2014 published in Government Notice (GN) No. R982, provide for the control of certain Listed Activities. These activities are listed in GN No. R983 (Listing Notice 1 – Basic Assessment), R984 (Listing Notice 2 – Scoping & EIA Process) and R985 (Listing Notice 3 – Basic Assessment) of 4 December, and are prohibited until environmental authorisation

has been obtained from the competent authority, in this case, the Department of Environmental Affairs (DEA).

The Western Cape Department of Environmental Affairs and Development Planning (DEA&DP) as well as the Northern Cape Department of Environment and Nature Conservation (DENC) will be Commenting Authorities, amongst others.

The Listed Activities applicable to this proposed project are presented in **Table 1** below. All potential impacts associated with these Listed Activities will be considered and assessed in this EIA.

As this proposal triggers Listed Activities in Listing Notices 1 – 3, a full Scoping and EIA process is to be followed for this application.

**Table 1: Applicable Listed Activities in terms of the NEMA.**

LISTING NOTICE	ACTIVITIES
LN1 GN R983	11(i); 12 (iii, x, xii); 19 (i); 24 (ii); 27; 48 (iii); 56 (i, ii).
LN2 GN R984	1; 2; 15.
LN3 GN R985	4 (a)(ii) & (f)(i); 10(g)(i); 12(a)(ii) & (d)(ii); 14 (a)(ii) & (f)(i); 18 (a)(ii) & (f)(i); 23(a)(ii) & (g)(i).

Depending on the final design of the WEFs there may be a requirement for the following additional permits/ authorisations:

- Waste Management License/s as required by the NEMA;
- Mining Permits as required by the Minerals and Petroleum Resources Development Act, 2002 (MPRDA) (Act No. 28 of 2002)(MPRDA); and
- Water Use Licenses as required by the National Water Act, 1998 (Act No. 36 of 1998) (NWA).

#### 5. EIA PROCESS

An EIA process is a planning and decision making tool used to describe and assess the physical, biological, social, and economic impacts that a proposed development may have. In order to inform the decision-making process, it is important that public comments are timeously collated.

The EIA process allows for the environmental consequences of a proposed project to be

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identified up-front, investigated through an impact assessment process, and taken into consideration through the design of the development.

An independent Environmental Assessment Practitioner (EAP) and specific specialists identify potential negative and positive impacts that could arise as a result of the proposed project and mitigation measures are recommended which would allow for the avoidance or reduction of negative impacts or which may enhance positive impacts.

Arcus has appointed Environmental Impact Management Services (Pty) Ltd (EIMS) to undertake the Public Participation Process (PPP) component for this EIA process.

The key phases that shall be part of this EIA process are described below:

- **Initial Notification and Call to Register** as I&APs through the following: Advertisements, site notices, posters, letters to landowners and pre-identified I&APs. The aim of this step is to inform people of the proposed activity and to encourage initial comment and feedback.
- **Scoping Phase:** Collation of initial comments and specialist investigations into a concise report (Scoping Report) which provides feedback on the following:
  - Nature of the activity;
  - Description of the receiving environment;
  - Identification of potential feasible alternatives;
  - Identification of potential positive and negative impacts;
  - Identification of knowledge gaps; and
  - A Plan of Study for the EIA phase.
- **EIA Phase:** Investigate and comparatively assess the identified alternatives to determine a preferred alternative. The identified impacts will be assessed and relevant management and mitigation measures listed for inclusion in an Environmental Management Programme (EMPr). The findings are included in an EIA Report.
- **Ongoing Public Consultation:** Throughout the process, registered I&APs will be consulted. This involvement may be through dissemination of information by means of a public event/meeting, opportunities to review and comment on draft reports (Scoping & EIA), and project updates.

Once the relevant processes have been completed and the documentation submitted to the competent authority (DEA), the DEA will review the application and issue a decision (called an Environmental Authorisation). I&APs will be informed of the decision and their rights to appeal.

Four applications will be submitted for the proposed project:

<b>Scoping and EIA Process:</b> <ol style="list-style-type: none"><li>1. Komsberg East Wind Energy Facility, Western Cape Province; and</li><li>2. Komsberg West Wind Energy Facility, Western and Northern Cape Provinces.</li></ol>
<b>Basic Assessment Process:</b> <ol style="list-style-type: none"><li>3. Komsberg East Grid Connection, Western and Northern Cape Provinces; and</li><li>4. Komsberg West Grid Connection, Western and Northern Cape Provinces.</li></ol>

A combined PPP will be conducted for all four applications.

Each application would be subject to a separate application for Environmental Authorisation to the DEA. Should authorisations for the grid connection infrastructure be granted, this will be entirely or partially transferred from the applicant to Eskom Holdings SOC Limited (Eskom) as applicable or if necessary.

## **6. PRELIMINARY ENVIRONMENTAL IMPACTS**

The EIA process will consider the potential impacts of the proposed project through its construction and operation. These impacts will be assessed by the EAP and a team of independent specialists. To date the need for specialist studies has been identified and the specialists appointed as described below. Further potential impacts may be identified during the scoping stage and added to this list.

The following specialist's investigations are being completed:

- Avifauna monitoring;
- Bat monitoring;
- Soils and Agricultural Potential;
- Noise;
- Freshwater Ecology;
- Social;
- Visual;
- Flora and Fauna
- Heritage, Archaeology; and Paleontology.

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## 7. HOW TO GET INVOLVED

events to be undertaken during EIA Process.

I&APs are invited to be a part of the public participation process from the start of the EIA process. Issues and comments raised will focus the EIA process and enhance the quality of the decision taken by the authorities.

As an I&AP you need to **ensure that you are registered** for the project and that you forward your comments within the stipulated timeframes to EIMS, contact details below.

You can become involved by:

- Registering your name and contact details through e-mail, fax, or letter;
- Submitting the Registration Form (attached to this document) and mailing or faxing it to the contact person provided;
- Attending the public events/meetings as applicable. As a registered I&AP, you will automatically be invited to these events;
- Reviewing and commenting on the draft Scoping and EIA Reports within the allowed review timeframes; and
- Contacting us with your comments, queries, suggestions, or requests for further project information.

In order to ensure your involvement in this EIA process, please register with EIMS by submitting your contact information (name, contact details, interest in the project) to:

**Environmental Impact Management Services (Pty) Ltd**

**Postal Address: P. O. Box 2083,  
Pinegowrie, 2123**

**Telephone: 011 789 7170**

**Fax: 011 787 3059**

**Email: [komsberg@eims.co.za](mailto:komsberg@eims.co.za)**

**Contact Person: Ms Nobuhle Hughes**

**A Draft Scoping Report** will be available for public review and comment from the **1<sup>st</sup> September 2015 to the 1st October 2015** at the following locations:

- Sutherland Public Library;
- Laingsburg Public Library;
- [www.eims.co.za](http://www.eims.co.za); and
- [www.arcusconsulting.co.za](http://www.arcusconsulting.co.za).

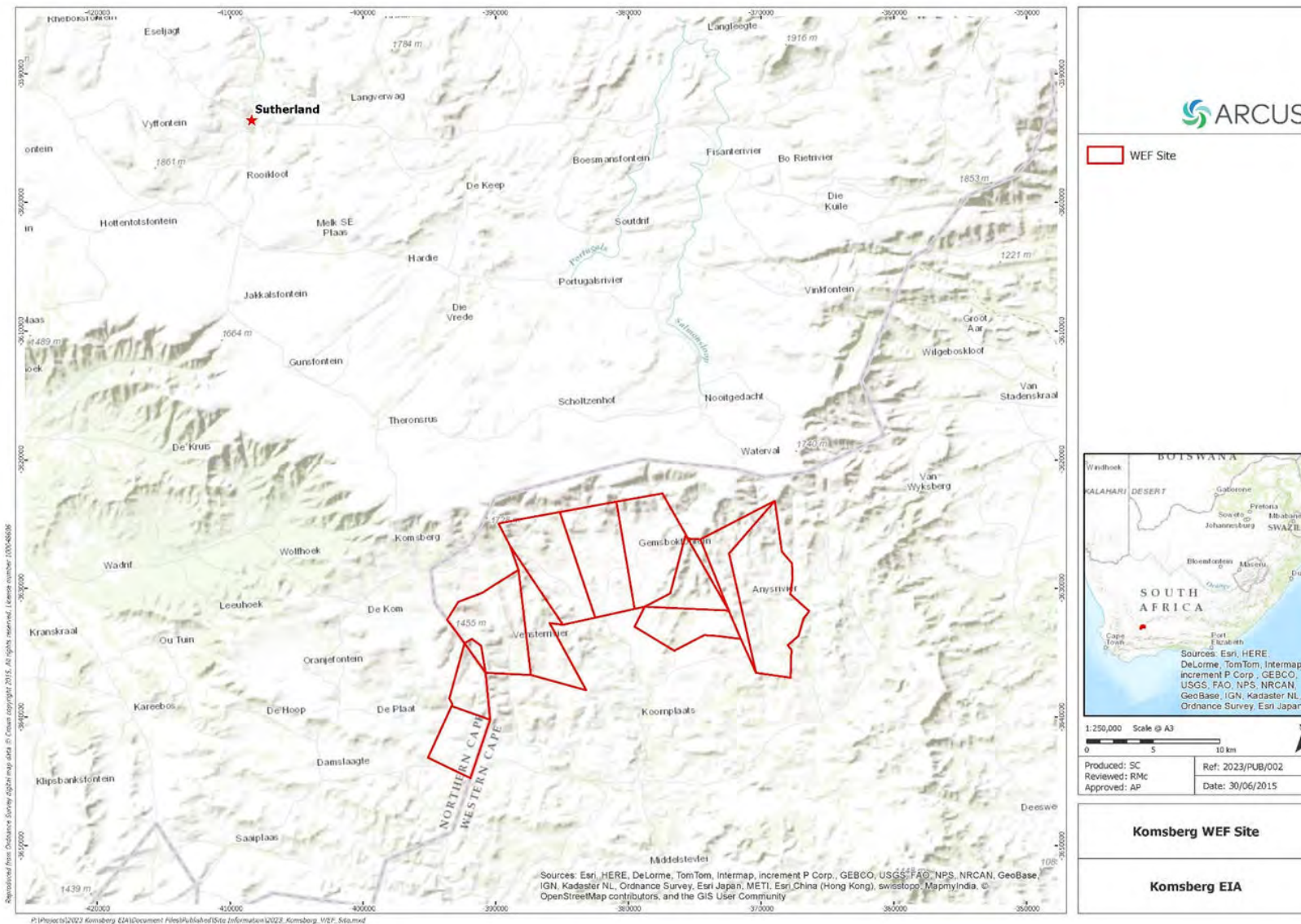
**Registered I&APs** will be notified of public

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**Figure 1: Locality Plan showing the location of the proposed Komsberg East WEF and Komsberg West WEF.**



**YOUR INVITATION TO PROVIDE INITIAL COMMENTS ON:  
ENVIRONMENTAL IMPACT ASSESSMENT:  
PROPOSED KOMSBERG EAST AND WEST WIND ENERGY FACILITIES**

We appreciate your interest and participation in this process. If you have any issues, questions or concerns regarding this project, or if you wish to be advised of future opportunities to participate in this process, please notify:

**Environmental Impact Management Services (Pty) Ltd**

**Postal Address: P. O. Box 2083, Pinegowrie, 2123**

**Telephone: 011 789 7170**

**Fax: 011 787 3059**

**Email: [komsberg@eims.co.za](mailto:komsberg@eims.co.za)**

**Contact Person: Ms Nobuhle Hughes**

NAME:

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ORGANISATION:

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ADDRESS:

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TELEPHONE NUMBER:

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FAX NUMBER:

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E-MAIL ADDRESS:

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CELLPHONE NUMBER:

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COMMENTS:

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## AGTERGRONDINLICHTINGS-DOKUMENT

### 1. INLEIDING EN AGTERGROND

Arcus Consulting Services (Pty) Ltd is aangestel deur Komsberg Wind Farms (Pty) Ltd om die omgewingsimpakassessering- (OIA) proses uit te voer soos vereis deur die Wet op Nasionale Omgewingsbestuur, 1998 (Wet No. 107 van 1998) (NEMA), soos gewysig, vir die voorgestelde oprigting van twee windkragfasiliteite (WKF's), Komsberg-Oos en -Wes en hulle gepaardgaande netwerkverbindings.

Die voorgestelde netwerkverbindings sal onderhewig wees aan twee verdere afsonderlike basiese assesseringsprosedures.

Die meeste van die studiegebied is in die Wes-Kaap geleë en 'n klein gedeelte van die studiegebied is op die grens van die Noord-Kaap geleë, ongeveer 60 km noord van Laingsburg en 40 km suidoos van Sutherland. Die voorgestelde terreine lê langs mekaar in die Moordenaarskaroo.

Die ligging van die projek word getoon op die liggingsplan (**Figuur 1**) en dek 'n totale gebied van ongeveer 26 832 hektaar. Die voetspoor van die voorgestelde infrastruktuur sal gelyk wees aan minder as een persent van die totale gebied.

Die meeste van die voorgestelde terrein is in die Laingsburg plaaslike munisipale gebied geleë, wat deel vorm van die Sentraal-Karoo-Distrikmunisipaliteit in die Wes-Kaap. 'n Klein deel van die terrein val in die Noord-Kaap, in die Karoo Hoogland plaaslike munisipaliteit, wat 'n deel van die Namakwa-Distrikmunisipaliteit vorm.

Die vernaamste toegangsroete tot die voorgestelde terrein is via die R354 en die Komsberg- en Moodenaarskaroo-streekpad wat die studiegebied vanuit die weste benader.

Daar is tans drie bewoonde opstalle in die studiegebied, twee in die Komsberg-Oos-gebied en een in die Komsberg-Wes-gebied. Die vernaamste grondgebruik in die gebied word gekoppel aan veeboerdery. Die voorgestelde terrein bestaan uit 'n aantal plase

en is gesoneer vir Landbougebruik.

Die oogmerk van die projek is om elektrisiteit op te wek, wat waarskynlik deur die Departement van Energie (DoE) se bodprogram vir hernieubare energie onafhanklike kragprodusente (REIPPPP) verkoop sal word. Die WKF's sal elektrisiteit aan die bestaande Eskom-elektrisiteitsnetwerk lewer via 'n hoëspanningnetwerkverbinding.

### 2. DOEL VAN HIERDIE DOKUMENT

Die doel van hierdie Agtergrondinligtingsdokument (AID) is om:

- Belanghebbende en geaffekteerde partye (B&GP's) van inligting oor die voorgestelde ontwikkeling te voorsien;
- B&GP's die geleentheid te gee om as sodanig geregistreer te word;
- 'n Oorsig te voorsien van die voorgestelde aktiwiteite en die regsraamwerk waarin die projek uitgevoer word;
- Die omgewingsproses wat onderneem word, te beskryf; en
- B&GP's 'n vroeë geleentheid te gee om enige omgewingskwessies of -kwellinge wat hulle het, te opper en om B&GP's toe te laat om met die toestemmingsproses saam te werk.

Hierdie AID is die eerste in 'n reeks dokumente/verslae wat vir hierdie aansoek geproduseer sal word. Verdere dokumentasie met volledige inligting sal gedurende die proses vir kommentaar beskikbaar gestel word.

### 3. BESKRYWING VAN PROJEK

Die projek bestaan uit twee WKF's en hulle gepaardgaande netwerkverbindings. Elke WKF sal 'n maksimum opwekkapasiteit van tot 275 megawatt (MW) hê.

Die Komsberg-Oos- en Komsberg-Wes-WKF sal uit die volgende infrastruktuurkomponente bestaan:

- Tot 55 windturbines waarvan elk 'n vermoë van tussen 2 MW en tot 5 MW

sal hê met 'n draaivlerkdeursnee van tot 140 m en 'n middelpunthoogte van tot 120 m;

- Fundamente en vaste blaaië wat gepaardgaan met die windturbines;
- Tot 8 m breë interne toegangspad na elke turbine, die substasiekompleks en die hulpinfrastruktuur, insluitende ondergrondse kables langs die paaie. Padlengte sal altesaam ongeveer 40 km wees;
- Mediumspanningkabel tussen turbines en die substasie, ondergronds gelê waar prakties;
- Oorhoofse mediumspanningkabel tussen sekere turbinelyne of -rye;
- 'n 100 m x 150 m perseelsubstasiekompleks om die spanning van medium na hoë spanning (tot 400 kV) te verhoog om die verbinding van die windplaas na die nasionale netwerk te bewerkstellig;
- 'n Hoëspanningkraglyn (132 kV) van 35 km (Komsberg-Wes) en 55 km (Komsberg-Oos) van die perseelsubstasie na die nasionale netwerk by die Eskom Komsberg-hooftransmissiesubstasie;
- 'n 30 m x 50 m operasionele en dienstewerkswinkelgebied/kantoorgebou vir beheer, instandhouding en berging; en
- Tydelike infrastruktuur, insluitende 'n perseelkamp, bergingsgebiede en 'n mengaanleg van altesaam 150 m x 100 m.

Die presiese posisie van elke turbine en die roete van die kraglyne is nog nie vasgestel nie. Dit sal bevestig word gedurende die OIA-fase van hierdie proses, met die hulp van die ondersoek van die omgewings-, tegniese en finansiële beperkinge.

#### 4. WETLIKE VEREISTES

Op 4 Desember 2014 het die Minister van Omgewingsake nuwe regulasies uitgevaardig ingevolge Hoofstuk 5 van die NEMA, nl. die OIA-regulasies 2014 (Goewermentskennisgewing (GK) No. R. 982, R. 983 en R. 984 en R. 985 in die Staatskoerant No. 38282 van 4 Desember 2014). Hierdie regulasies het op 8 Desember 2014 in werking getree.

Die OIA-regulasies 2014 wat in Goewermentskennisgewing (GK) No. R982 gepubliseer is, maak voorsiening vir die beheer van sekere gelyste aktiwiteite. Hierdie

aktiwiteite word aangegee in GK No. R983 (Lyskennisgewing 1 – Basiese assessering), R984 (Lyskennisgewing 2 – Omvangsbepaling- & OIA-proses) en R985 (Lyskennisgewing 3 – Basiese assessering) van 4 Desember en word verbied totdat omgewingsmagtiging verkry is van die bevoegde owerheid, in hierdie geval die Departement van Omgewingsake (DEA).

Die Wes-Kaapse Departement van Omgewingsake en Ontwikkelingsbeplanning (DEA&DP) sowel as die Noord-Kaapse Departement van die Omgewing en Natuurbewaring (DENC) sal kommentaarowerhede wees, onder andere.

Die gelyste aktiwiteite wat op hierdie voorgestelde projek van toepassing is, word in **Tabel 1** hieronder uiteengesit. Alle potensiële impakte wat met hierdie gelyste aktiwiteite verband hou, sal in hierdie OIA oorweeg en geassesseer word.

Aangesien hierdie voorlegging aanleiding gee tot gelyste aktiwiteite in Lyskennisgewings 1 – 3, sal 'n volle omvangsbepaling- en OIA-proses vir hierdie aansoek gevolg word.

**Tabel 1: Toepaslike gelyste aktiwiteite ingevolge die NEMA.**

LYSKENNISGEWING	AKTIWITEITE
LN1 GN R983	11(i); 12 (iii, x, xii); 19 (i); 24 (ii); 27; 48 (iii); 56 (i, ii).
LN2 GN R984	1; 2; 15.
LN3 GN R985	4 (a)(ii) & (f)(i); 10(g)(i); 12(a)(ii) & (d)(ii); 14 (a)(ii) & (f)(i); 18 (a)(ii) & (f)(i); 23(a)(ii) & (g)(i).

Na gelang van die finale ontwerp van die WKF's kan die volgende bykomende permitte/magtigings vereis word:

- Afvalbestuurlisensie(s) soos vereis deur die NEMA;
- Mynboupermitte soos vereis deur die Wet op Minerale en Petroleumhulpbronontwikkeling, 2002 (MPRDA) (Wet No. 28 van 2002) (MPRDA); en
- Watergebruiklisensies soos vereis deur die Nasionale Waterwet, 1998 (Wet No. 36 van 1998) (NWA).

#### 5. OIA-PROSES

### Arcus Renewable Energy Consulting

Office 220 Cube Workspace, Cnr Long Street and Hans Strijdom Road, Cape Town, 8001

T: +27 21 412 1529 E: [office@arcusconsulting.co.za](mailto:office@arcusconsulting.co.za) W: [www.arcusconsulting.co.za](http://www.arcusconsulting.co.za)

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'n OIA-proses is 'n beplanning- en besluitnemingsinstrument wat gebruik word om die fisiese, biologiese, maatskaplike en ekonomiese impakte wat 'n voorgestelde ontwikkeling kan hê, te beskryf en assessee. Om die besluitnemingsproses te beïnvloed, is dit belangrik dat openbare kommentaar betyds saamgestel word.

Die OIA-proses maak daarvoor voorsiening dat die omgewingsgevolge van 'n voorgestelde projek vooraf geïdentifiseer kan word, deur 'n impakassesseringsproses ondersoek word en tydens die ontwerp van die ontwikkeling in ag geneem word.

'n Onafhanklike omgewingassesseringspraktisyn (OAP) en spesifieke spesialiste identifiseer potensiële negatiewe en positiewe impakte wat as gevolg van die voorgestelde projek kan ontstaan, en versagtingsmaatreëls word voorgestel wat voorsiening sal maak vir die vermyding of vermindering van negatiewe impakte of die verbetering van positiewe impakte.

Arcus het Environmental Impact Management Services (Pty) Ltd (EIMS) aangestel om die openbare deelnemingsproses- (ODP) komponent van hierdie OIA-proses te onderneem.

Die sleutelfases wat deel van hierdie OIA-proses sal uitmaak, word hieronder beskryf:

- **Aanvanklike kennisgewing en oproep om te registreer** as B&GP's deur middel van die volgende: Advertensies, terreinkennisgewings, plakkaat, briewe aan grondeienaars en vooraf geïdentifiseerde B&GP's. Die doel van hierdie stap is om mense in kennis te stel van die voorgestelde aktiwiteit en om aanvanklike kommentaar en terugvoering te kry.
- **Omvangbepalingsfase:** Saamstelling van aanvanklike kommentaar en spesialisondersoeke in 'n bondige verslag (omvangbepalingsverslag) wat terugvoer gee oor die volgende:
  - Aard van die aktiwiteit;
  - Beskrywing van die ontvangeromgewing;
  - Identifisering van potensiële praktiese alternatiewe;
  - Identifisering van potensiële negatiewe en positiewe impakte;
  - Identifisering van kennisgapings; en
  - 'n Studieplan vir die OIA-fase.
- **OIA-fase:** Ondersoek en doen 'n

vergelijkende assessering van die geïdentifiseerde alternatiewe om die verkieslike alternatief te bepaal. Die geïdentifiseerde impakte sal geassesseer word en toepaslike bestuurs- en versagtingsmaatreëls sal gelys word vir insluiting in 'n omgewingsbestuurprogram (EMPR). Die bevindinge word in 'n OIA-verslag ingesluit.

- **Voortdurende openbare konsultasie:** Geregistreeerde B&GP's sal deur die hele proses geraadpleeg word. Hierdie betrokkenheid kan wees deur verspreiding van inligting deur middel van 'n openbare geleentheid/vergadering, geleenthede om konsepverslae (omvangsbepaling & OIA) te ondersoek en daarop kommentaar te lewer asook projeknuus.

Wanneer die toepaslike prosesse afgehandel is en die dokumentasie by die bevoegde owerheid (DEA) ingedien is, sal die DEA die aansoek ondersoek en 'n besluit uitreik (wat 'n omgewingsmagtiging genoem word). B&GP's sal van die besluit asook hulle reg tot appèl in kennis gestel word.

Vier aansoeke sal vir die voorgestelde projek ingedien word:

<b>Omvangsbepaling- en OIA-proses:</b> <ol style="list-style-type: none"><li>1. Komsberg-Oos-windkragfasiliteit, Wes-Kaap; en</li><li>2. Komsberg-Wes-windkragfasiliteit, Wes-en Noord-Kaap.</li></ol>
<b>Basiese assesseringsproses:</b> <ol style="list-style-type: none"><li>3. Komsberg-Oos-netwerkverbinding, Wes-en Noord Kaap; en</li><li>4. Komsberg-Wes-netwerkverbinding, Wes-en Noord Kaap,</li></ol>

'n Gesamentlike ODP sal vir al vier aansoeke uitgevoer word.

Elke aansoek sal onderhewig wees aan 'n afsonderlike aansoek om omgewingsmagtiging by die DEA. Indien magtigings vir die netwerkverbindinginfrastruktuur toegestaan word, sal dit heeltemal of gedeeltelik oorgedra word van die aansoeker na Eskom Holdings SOC Limited (Eskom) soos toepaslik of indien nodig.

## 6. VOORLOPIGE OMGEWINGSIMPAKTE

Die OIA-proses sal die potensiële impakte van die voorgestelde projek deur sy konstruksie en werking in aanmerking neem. Hierdie impakte sal deur die OAP en 'n span onafhanklike spesialiste geassesseer word. Tot op hede is

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die nodigheid vir spesialistestudies geïdentifiseer, en die spesialiste hieronder is aangestel. Verdere potensiele impakte kan gedurende die omvangbepalingstadium geïdentifiseer en by hierdie lys gevoeg word.

Die volgende spesialiste-ondersoeke word afgehandel:

- Voëlmonitering;
- Vlermuismonitering;
- Grond- & landboupotensiaal;
- Geraas;
- Varswaterekologie;
- Maatskaplik;
- Visueel;
- Flora en fauna; en
- Erfenis, argeologie en paleontologie

## 7. HOE OM BETROKKE TE RAAK

B&GP's word genooi om vanaf die begin van die OIA-proses 'n deel van die openbare deelnemingsproses te wees. Kwessies en kommentaar wat geopper word, sal die OIA-proses fokus en die gehalte van die besluit wat deur die owerheid geneem word, verbeter.

As 'n B&GP moet u **verseker dat u geregistreer is** vir die projek en dat u kommentaar binne die bepaalde tydraamwerke na EIMS, kontakbesonderhede hieronder, aanstuur.

U kan betrokke raak deur:

- U naam en kontakbesonderhede deur e-pos, faks of brief te registreer;
- Die registrasievorm (aan hierdie dokument geheg) in te dien en dit aan die kontakpersoon te pos of te faks;
- Die openbare geleentheid/vergadering soos toepaslik by te woon. As 'n geregistreerde B&GP sal u outomaties na hierdie geleentheid genooi word;
- Die konsepomvangbepalings- en OIA-verslag te ondersoek en daarop kommentaar te lewer binne die toegelate tyd vir hersiening; en
- Ons te kontak met u kommentaar, navrae, wenke of versoeke om verdere projekinligting.

Om u betrokkenheid by hierdie OIA-proses te verseker, registreer asseblief by EIMS deur u kontakinligting (naam, kontakbesonderhede, belang by die projek) te stuur aan:

### Environmental Impact Management Services (Pty) Ltd

**Posadres: Posbus 2083, Pinegowrie, 2123**

**Telefoon: 011 789 7170**

**Faks: 011 787 3059**

**E-pos: [komsberg@eims.co.za](mailto:komsberg@eims.co.za)**

**Kontakpersoon: Me Nobuhle Hughes**

'n **Konsep-omvangbepalingsverslag** sal vanaf **1 September 2015 tot 1 Oktober 2015** by die volgende plekke vir openbare ondersoek en kommentaar beskikbaar wees:

- Sutherland- openbare biblioteek;
- Laingsburg- openbare biblioteek;
- [www.eims.co.za](http://www.eims.co.za); en
- [www.arcusconsulting.co.za](http://www.arcusconsulting.co.za).

**Geregistreeerde B&GP's** sal in kennis gestel word van openbare geleentheid wat gedurende die OIA-proses onderneem sal word.

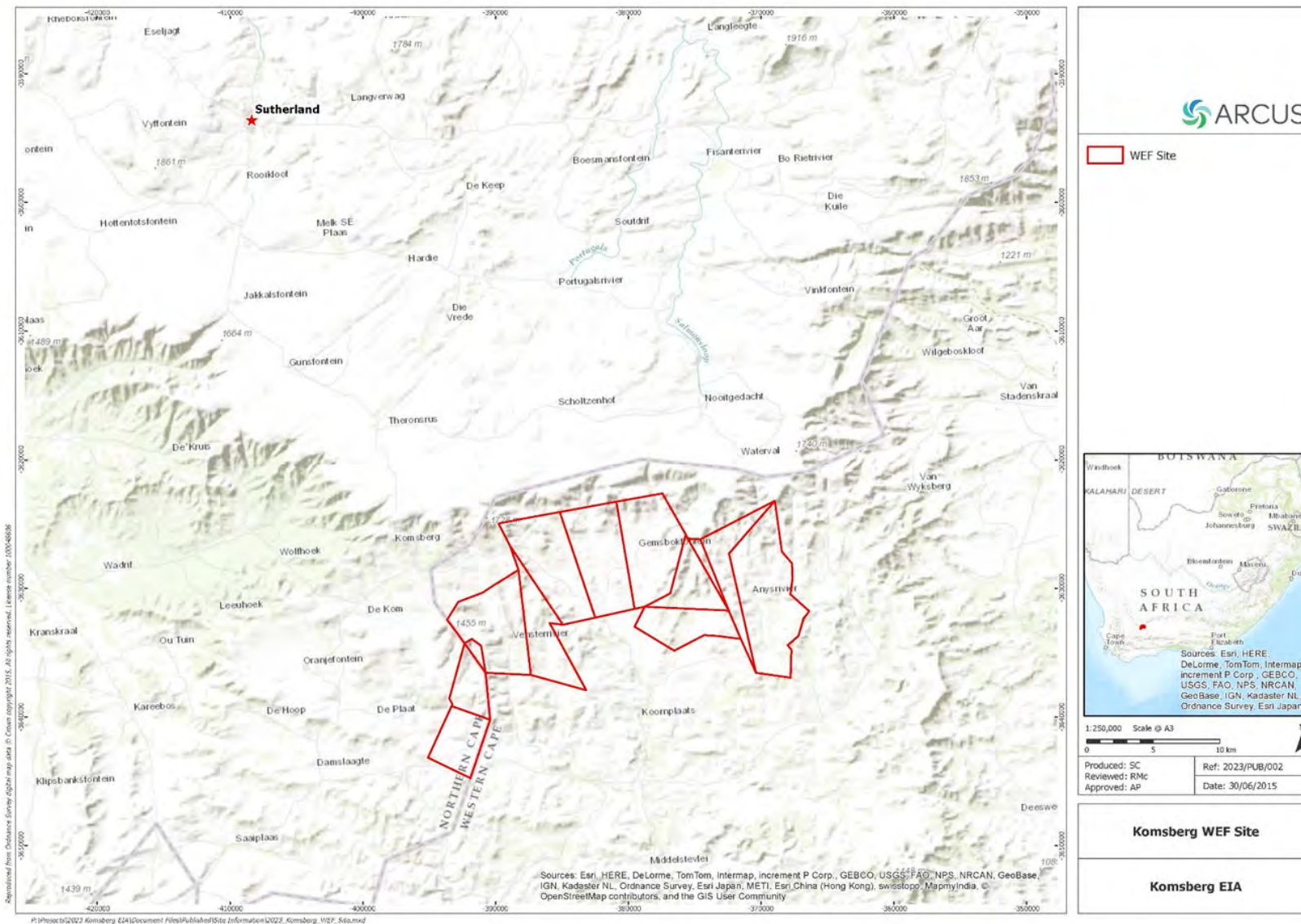
### Arcus Renewable Energy Consulting

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**T:** +27 21 412 1529 **E:** [office@arcusconsulting.co.za](mailto:office@arcusconsulting.co.za) **W:** [www.arcusconsulting.co.za](http://www.arcusconsulting.co.za)

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**Figuur 1: Liggingplan wat die ligging van die voorgestelde Komsberg-Oos-WKF en Komsberg-Wes-WKF aandui.**



**U UITNODIGING OM AANVANKLIKE KOMMENTAAR TE VERSKAF AAN:  
OMGEWINGSIMPAKSTUDIE:  
VOORGESTELDE KOMSBERG OOS EN WES WINDENERGIE FASILITEITE**

Ons waardeer u belangstelling en deelname in hierdie proses. As u enige probleme, vrae of kommentaar oor hierdie projek het, of as u verder ingelig wil word om deel te neem aan toekomstige geleenthede in hierdie proses, stel ons asseblief in kennis as volg:

**Environmental Impact Management Services (Pty) Ltd**

**Posadres: Posbus 2083, Pinegowrie, 2123**

**Telefoon: 011 789 7170**

**Faks: 011 787 3059**

**Epos: komsberg@eims.co.za**

**Kontak Persoon: Me Nobuhle Hughes**

NAAM:

---

ORGANISASIE:

---

ADRES:

---

---

TELEFOON NOMMER:

---

FAKS NOMMER:

---

EPOS ADRES:

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SELFOON NOMMER:

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KOMMENTAAR:

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## **Appendix D3 Telephonic record – surrounding landowners**


## Conversation Records


 	<b>Date:</b> 12/04/2016	<b>EIMS called</b>	x
		<b>Receiving call</b>	
	<b>Time:</b> 08:35	<b>Meeting</b>	
<b>EIMS job #:</b> 1086		<b>Project:</b> Komsberg WEF EIA Public Participation Process	
<b>Name of person:</b> Johann Biesenbach		<b>Tel:</b> 082 557 0427/ 021 883 8086	
<b>Address:</b> Portion 3 of the farm Koornplaats 41			
<b>Comment/Notes:</b>			
<p>Was called on 24/11/2015, Mr. Biesenbach requested to be contacted by an Afrikaans speaking person.</p> <p>Called at 13:10 and 13:30 on 11/04/2016, no answer.</p> <p>Called at 08:35 on 12/04/2016, spoke to Mr. Tiaan who confirmed Mr. Biesenbach is out of the country and will be back the following day – EIMS should call after 14:00 on 13/04/2016.</p>			
<b>Taken by:</b> Zizo Siwendu (18/11/2015) Simmone Smit (11 and 12/04/2016)			



 	<b>Date:</b> 12/04/2016	<b>EIMS called</b>	x
		<b>Receiving call</b>	
	<b>Time:</b> 09:09	<b>Meeting</b>	
<b>EIMS job #:</b> 1086		<b>Project:</b> Komsberg WEF EIA Public Participation Process	
<b>Name of person:</b> Andries le Roux		<b>Tel:</b> 023 004 0138	
<b>Address:</b> Portion 1 of farm De Plaat 205, Portion 2 of the Farm Schalkwykskraal 204, Portion 0 of the Vlakkloof 11, Portion 1 of the farm Welgemoed 268 and Portion 2 of the farm Welgemoed 268			
<b>Comment/Notes:</b>			
<p>Was called on 18/11/2015, Mr. le Roux asked for project e-mail address and confirmed he will send contact details of occupiers via e-mail.</p> <p>Called at 09:09 on 12/04/2016 in order to follow up with regards to contact details of occupiers, no answer.</p>			
<b>Taken by:</b> Zizo Siwendu (18/11/2015) Simmone Smit (12/04/2016)			



	<b>Date:</b> 12/04/2016	<b>EIMS called</b>	x
		<b>Receiving call</b>	
	<b>Time:</b> 09:17	<b>Meeting</b>	
<b>EIMS job #:</b> 1086		<b>Project:</b> Komsberg WEF EIA Public Participation Process	
<b>Name of person:</b> Eldri van Zyl		<b>Tel:</b> 023 571 2764	
<b>Address:</b> Portion 0 of the farm Kentucky 206			
<b>Comment/Notes:</b> Was contacted on 18/11/2015 and 24/11/2015, was not available on both days. EIMS left voice message on is phone. Called at 09:18 on 12/04/2016, no answer.			
<b>Taken by:</b> Simmone Smit			

	<b>Date:</b> 12/4/2016	<b>EIMS called</b>	x
		<b>Receiving call</b>	
	<b>Time:</b> 09:21	<b>Meeting</b>	
<b>EIMS job #:</b> 1086		<b>Project:</b> Komsberg WEF EIA Public Participation Process	
<b>Name of person:</b> Ockert Gerbrandt Conradie		<b>Tel:</b> 023 551 1821	
<b>Address:</b> Portion 1, 2, 3 of the farm Rheebokke Fontein 209			
<b>Comment/Notes:</b> Was called on 18/11/2015 and 24/11/2015. Mrs. Conradie answered the phone and informed EIMS she will tell the land occupiers about the proposed project. Called at 09:21 on 12/04/2015, Mr. and Mrs. Conradie were not available.			
<b>Taken by:</b> Simmone Smit			



	<b>Date:</b> 12/04/2016	<b>EIMS called</b>	x
		<b>Receiving call</b>	
	<b>Time:</b> 09:24	<b>Meeting</b>	
<b>EIMS job #:</b> 1086		<b>Project:</b> Komsberg WEF EIA Public Participation Process	
<b>Name of person:</b> Francois Conradie		<b>Tel:</b> 023 551 1817 / 073 676 8366	
<b>Address:</b> Portion 4 of the farm Taayboschkraal 12 and RE of the farm Standvastigheid 210			
<b>Comment/Notes:</b>			
Was contacted on 18/11/2015, Mrs. Conradie answered the phone and informed EIMS she would tell the land occupiers about the proposed project. Called at 09: 24 on 12/04/2016, no answer.			
<b>Taken by:</b> Simmone Smit			

	<b>Date:</b> 18/11/2015	<b>EIMS called</b>	x
		<b>Receiving call</b>	
	<b>Time:</b> 10:02	<b>Meeting</b>	
<b>EIMS job #:</b> 1086		<b>Project:</b> Komsberg WEF EIA Public Participation Process	
<b>Name of person:</b> Pieter Stofberg		<b>Tel:</b> 023 349 1662 / 082 835 7643	
<b>Address:</b> Portion 1 of the farm Taayboschkraal 12, Portion 2 of the farm Koornplaats 41 and Portion 3 of the farm Boschmans Kloof 9			
<b>Comment/Notes:</b>			
Was called at 18/11/2015, Mr. Stofberg stated that he has already informed is land occupiers about the proposed project.			
<b>Taken by:</b> Zizo Siwendu			


 	<b>Date:</b> 18/11/2015	<b>EIMS called</b>	x
		<b>Receiving call</b>	
	<b>Time:</b> 10:25	<b>Meeting</b>	
<b>EIMS job #:</b> 1086		<b>Project:</b> Komsberg WEF EIA Public Participation Process	
<b>Name of person:</b> Billie Myburgh		<b>Tel:</b> 023 551 9902	
<b>Address:</b> Portion 2 of the farm Taayboschkraal 12, Portion 3 of the farm Taayboschkraal 12 and Portion 1 of the farm Koornplaats 41			
<b>Comment/Notes:</b> Was called on 18/11/2015. Mrs. Myburgh answered the phone and informed EIMS that she would tell the occupiers about the proposed project.			
<b>Taken by:</b> Zizo Siwendu			


 	<b>Date:</b> 18/11/2015	<b>EIMS called</b>	x
		<b>Receiving call</b>	
	<b>Time:</b> 10:48	<b>Meeting</b>	
<b>EIMS job #:</b> 1086		<b>Project:</b> Komsberg WEF EIA Public Participation Process	
<b>Name of person:</b> Hennie Muller		<b>Tel:</b> 023 004 0249 / 023 551 1914	
<b>Address:</b> Portion 0 of the farm Anys Riviers Plaat 13 and Portion RE of the farm Dwars Rivier 14			
<b>Comment/Notes:</b> Was called on 18/11/2015, Mr, Muller asked EIMS to send Afrikaans notifications as the occupiers on his farm do not understand English.			
<b>Taken by:</b> Zizo Siwendu			







 	<b>Date:</b> 12/04/2016	<b>EIMS called</b>	x
		<b>Receiving call</b>	
	<b>Time:</b> 09:41	<b>Meeting</b>	
<b>EIMS job #:</b> 1086		<b>Project:</b> Komsberg WEF EIA Public Participation Process	
<b>Name of person:</b> JJ le Roux		<b>Tel:</b> 023 004 0230	
<b>Address:</b> RE and Portion 1 of the farm Modderfontein 7 and Portion 2 of the farm Dwars Rivier 14			
<b>Comment/Notes:</b> Was called on 18/11/2015, no answer. EIMS left voice message on his phone. Called at 09:42 on 12/04/2016, no answer.			
<b>Taken by:</b> Simmone Smit			

 	<b>Date:</b> 12/04/2016	<b>EIMS called</b>	x
		<b>Receiving call</b>	
	<b>Time:</b> 09:49	<b>Meeting</b>	
<b>EIMS job #:</b> 1086		<b>Project:</b> Komsberg WEF EIA Public Participation Process	
<b>Name of person:</b> Gielie Hannekom		<b>Tel:</b> 082 411 7725	
<b>Address:</b> RE of the farm Welgemoed 268 and RE of the farm Schalkwykskraal 204			
<b>Comment/Notes:</b> Was called on 18/11/2015, no answer. EIMS left a voice message on his phone. Called at 09:52 on 12/04/2016, Mr. Hannekom confirmed he is not the landowner of the Schalkwykskraal 204 farm. He said his farms are rented by Biofirm. Mr. Hannekom provided contact details of Mr. Armandt Joubert (072 091 9226) who will be able to provide necessary information with regards to farm details.			
<b>Taken by:</b> Simmone Smit			

	<b>Date:</b> 18/11/2015	<b>EIMS called</b>	x
		<b>Receiving call</b>	
	<b>Time:</b> 11:06	<b>Meeting</b>	
<b>EIMS job #:</b> 1086		<b>Project:</b> Komsberg WEF EIA Public Participation Process	
<b>Name of person:</b> Mrs. Ogie Conradie		<b>Tel:</b> 023 551 1821 /082 292 4545	
<b>Address:</b> RE of the farm Swaerskraal 40 and Portion 2 of the Volvenkop 207			
<b>Comment/Notes:</b>			
Was called on 18/11/2015, Mrs. Conradie answered the phone and informed EIMS that she will tell land occupiers about the proposed project.			
<b>Taken by:</b> Zizo Siwendu			

	<b>Date:</b> 12/04/2016	<b>EIMS called</b>	x
		<b>Receiving call</b>	
	<b>Time:</b> 09:59	<b>Meeting</b>	
<b>EIMS job #:</b> 1086		<b>Project:</b> Komsberg WEF EIA Public Participation Process	
<b>Name of person:</b> Mr. Simon Johannes Jakobus		<b>Tel:</b> 023 5511 915	
<b>Address:</b> Portion 11 of the farm Koornplaats 41			
<b>Comment/Notes:</b>			
Was called on 24/11/2105. Mrs. Jakobus answered the phone and asked to be contacted by an Afrikaans speaking person. Called on 12/04/2016 at 09:58, no answer.			
<b>Taken by:</b> Zizo Siwendu (24/11/2015) Simmone Smit (12/04/2016)			

 	<b>Date:</b> 24/11/2015	<b>EIMS called</b>	x
		<b>Receiving call</b>	
	<b>Time:</b>	<b>Meeting</b>	
<b>EIMS job #:</b> 1086		<b>Project:</b> Komsberg WEF EIA Public Participation Process	
<b>Name of person:</b> David Miller		<b>Tel:</b> 023 571 2638	
<b>Address:</b> Portion 1 of the farm Botmans Hoek 10			
<b>Comment/Notes:</b> Was called on 18/11/2015. Mr. Miller informed EIMS that he will tell the land occupiers about the proposed project.			
<b>Taken by:</b> Simmone Smit			

 	<b>Date:</b> 18/11/2015	<b>EIMS called</b>	x
		<b>Receiving call</b>	
	<b>Time:</b> 11:16	<b>Meeting</b>	
<b>EIMS job #:</b> 1086		<b>Project:</b> Komsberg WEF EIA Public Participation Process	
<b>Name of person:</b> Jacobus Fourie Oosthuizen		<b>Tel:</b> 023 551 1917	
<b>Address:</b> Portion 1 of the farm Dwars Rivier 14			
<b>Comment/Notes:</b> Was called on 18/11/2015. Mr. Oosthuizen stated that he has already informed the land occupiers about the proposed project.			
<b>Taken by:</b> Zizo Siwendu			



## **Appendix D4 Proof of delivery – libraries and key stakeholders**

**(To be included in Final Submission)**

**Appendix D5 Minutes of meetings – DEA and Falcon Oil & Gas**



**2023 Proposed Komsberg Wind Energy Facility for Komsberg Wind Farms (Pty) Ltd, Western and Northern Cape Provinces**

**Authority Meeting**

**Pre-Consultation Meeting with the Department of Environmental Affairs**

**Environment House, Pretoria**

**25 June 2015**

**Minutes and Actions**

<b>Attendees:</b>					
Muhammad Essop (ME) – Department of Environmental Affairs Coenrad Agenbach (CA) – Department of Environmental Affairs Dikeledi Mokotong (DM) – Department of Environmental Affairs Thabile Sangweni (TS) – Department of Environmental Affairs Ashlin Bodasing (AB) – Arcus Consulting Liam Whitlow (LW) – EIMS Emily Herschell (EH) – Arcus Consulting					
<b>Issue</b>	<b>Comments</b>	<b>Actions</b>	<b>Person</b>	<b>Due Date</b>	<b>Progress/Update</b>
1. Fee Reference Number (ME)	EH requested the Fee Reference Number required in order to make the application payment. ME noted that the EAP can use their own fee reference number. However, ME shall follow up on reference number process and revert.	<b>Clarify Fee Reference Number &amp; Process for Payment</b>	<b>ME</b>	<b>03/07/2015</b>	
2. Application Forms (ME)	For this process, the DEA will require four application forms (for the two WEFs and the two grid connections), one Scoping Report for the two wind farms and one Scoping Report for the two grid connections. Four EIRs and EMPRs will be required for each. This process has changed and one scoping report and EIA report will no longer be accepted.				
3. SIP Application (ME)	Renewable energy projects are not SIPs, so the correct answer in the application form will be no.				





4.	Confirmation of proposed tasks and schedule (ME)	<ol style="list-style-type: none"> <li>ME noted that the bat monitoring was initiated in February 2015, and observed that this schedule as presented is constrained. He noted that the public have to comment on a final EIR which contains all the information regarding the project. If any specialist studies are incomplete such as the bat study, and this information is not made available to the public, this would be a fatal flaw in the process and schedule. ME noted that the DEA insist on bat and bird monitoring for twelve consecutive months. It might be possible, but it is not likely, that if other information/data from the surrounding area could be extracted and is satisfactory to the South African Bat Assessment Association (SABAAP) and to the bat specialist – that this may be deemed as acceptable in terms of a complete report. This is not likely however, as there are usually confidentiality agreements in place that will not allow for this.</li> <li>EH to forward schedule to ME for further comment.</li> </ol>	<b>ME to comment on schedule.</b>	<b>ME</b>	<b>03/07/2015</b>	
5.	Specialist studies	<ol style="list-style-type: none"> <li>The specialist studies conducted for this application were itemised and confirmed (heritage/archaeology/palaeontology, visual, freshwater ecology, social, agricultural potential, fauna/flora, avifauna, bats, noise). No additional specialist studies were deemed necessary at this stage (ME).</li> <li>Check whether or not the project is located within the SALT and SKA areas (refer to websites for maps) (CA).</li> <li>Consult with WeatherSA, Sentech, the Department of Communication, and ATNS (CA).</li> <li>Cumulative impacts should be considered within a 45-50 km radius of the site. Consider wind farms across all these areas including vegetation types etc. One needs to understand the <b>site's sphere of influence</b>. Refer to D:EA&amp;DP's guideline on cumulative impacts (CA).</li> </ol>				
6.	Application Form	For the application forms, one bound hard copy is required for submission with an original signature, and one electronic copy.				



7.	Content of Scoping Report	Refer to Appendix 2 (j) and (k). An affidavit with a commissioner of <b>oath's signature is required. There is no template for this and it is</b> left to the EAPs to formulate (ME).				
8.	Additional: Public Participation	<ol style="list-style-type: none"> <li>1. LW raised a query regarding emails from I&amp;APs that copy in large numbers of other email addresses. LW asked whether or not these email addresses need to be registered separately. ME responded that only one representative of each group is required to be registered. If a person claims to represent another individual, then a written authority to represent that individual must be provided.</li> <li>2. LW enquired as to whether the new 2014 Regulations permitted the placement of the initial notifications and adverts, and the commencement of the Draft Report comment period, simultaneously. ME responded that a registration period must be provided prior to making the Draft Scoping Report available.</li> <li>3. No additional I&amp;APs other than those mentioned in Section 5 above were highlighted by the DEA as key stakeholders.</li> </ol>				



**2023 Proposed Komsberg Wind Energy Facility for Komsberg Wind Farms (Pty) Ltd, Western and Northern Cape Provinces**

**Focus Group Meeting (FGM) – Falcon Oil & Gas Ltd**

**Cape Town Club, Gardens, Cape Town.**

**30<sup>th</sup> October 2015**

**Minutes and Actions**

<b>Attendees:</b> Philip O’Quigley (PQ) – CEO, Falcon Oil & Gas Limited Anne Flynn (AF) – Financial Controller, Falcon Oil & Gas Ltd Andries Malherbe (AM) – Applicant, Komsberg Wind Farms (Pty) Ltd (KWF) Brent Baxter (BB) – Consultant, Golder Associates Ashlin Bodasing (AB) – Environmental Assessment Practitioner, Arcus Consulting Emily Herschell (EH) – Environmental Assessment Practitioner, Arcus Consulting						
	<b>Attendee</b>	<b>Issue/Comment</b>	<b>Action</b>	<b>Person</b>	<b>Due Date</b>	<b>Summary - Issue to be considered in co-operation agreement</b>
<b>INTRODUCTION</b>						
1.	AB	This meeting constitutes a Focus Group Meeting (FGM) convened by Arcus Consulting (Arcus). Arcus are the Environmental Assessment Practitioners appointed by Komsberg Wind Farms (Pty) Ltd (KWF) to conduct the EIA for the proposed Komsberg East and Komsberg West Wind Farms. The meeting has been convened as a result of letters raised by Falcon Oil & Gas Limited (Falcon) to Arcus in relation to the environmental permitting process pertaining to the wind farms.				
2.	AF	Noted that up until July of this year, Falcon was not aware of wind farms operating within their acreage in the Karoo, and that the purpose of this meeting with KWF was to understand the Komsberg project and its timelines (and those of the other projects in the area). Falcon would like to work together with KWF so as to co-exist in the same area. In terms of history of this project, a Technical Cooperation Permit (TCP) was granted to Falcon and much work has been done to ensure that the project is not compromised. In 2010, Falcon submitted an application for an exploration license. The Petroleum Agency of South Africa (PASA) is processing the	Develop and sign a cop-operation agreement with all wind farm developers/operators.	PQ/AF	Feb 2016	



		application and it is anticipated that the Department of Mineral Resources (DMR) will issue a licence to explore in 2015. Falcon has also entered into a cooperation agreement with Chevron on this project. Meetings have been held with a number of wind farm developers this week whilst in South Africa and much has been learnt regarding wind projects. Ultimately, our aim is to request that all parties list all potential issues in order for us to develop and sign a co-operation agreement with all wind farm developers/operators.				
3.	PQ	Unfortunately, while conducting an EIA for the exploration area, SRK did not raise the presence of wind farms proposals as an issue. Falcon has lodged two appeals against wind farm developments in the area, but now, it would be preferred if a sense of trust with wind farm developers is established and for KWF to understand our position. It is anticipated that technical input from consultants to address concerns would be required. PQ noted that AF and himself shall return to South Africa for a week in December and by then would like to have all concerns on the table so that they can be the point of departure for a robust co-operation agreement. Falcon will not lodge any further appeals apart from those already lodged. It is accepted that the initial approach was quite hard, however, the <b>approach was from a zero base and a line in the sand was necessary. The 'sweet spots' are as yet unknown, even though the area is promising from a geological point of view.</b>	Further meetings to determine matters to be included within the co-operation agreement.	PQ/AF	Dec 2015	
4.	AB	<b>As a result of Falcon's comment on the Draft Scoping Report,</b> the aim of this FGM is to unpack, understand and document <b>Falcon's</b> concerns in detail, and then define how the applicant (KWF) can address any issues as part of the EIA Process. With regards to the information requested by Falcon before this meeting, Arcus handed over a letter containing a: <ul style="list-style-type: none"> <li>• project description of the proposed Komsberg East and West Wind Farms;</li> <li>• map of the two Komsberg wind farm sites which indicates the preliminary locations of the wind turbines; and</li> <li>• map of the seismic line in relation to the two Komsberg wind farm sites.</li> </ul> It can be seen that only a small portion of the proposed Falcon seismic line traverses the southern section of one of the properties comprising the proposed Komsberg West farm and that this property contains no wind turbines. It has been included in the proposal as it enables access to the western part of the wind farm from the public road (note letter and maps appended to these minutes).	Unpack, understand and document <b>Falcon's</b> concerns in detail, and define how the applicant (KWF) can address any issues as part of the EIA Process.	AB/EH	Final EIA submission.	





5.	BB	Golder is a global engineering and environmental consultancy with technical expertise in wind, shale gas and the environment, so our role and contribution to KWF's project is currently in a specialist advisory capacity, providing information and support to the EIA, and as such providing a bridge of technical information between wind and shale gas developments. Currently, Golder is working in Africa, Europe, USA and Canada on shale gas projects and on wind energy projects. A specific role on the project will be as specialist advisor to KWF and the EAP to provide input and advice with respect to addressing and mitigating Falcon's concerns.	Provide input and advice with respect to addressing and mitigating Falcon's concerns.	BB	Final EIA submission.	
6.	AM	From KWF's point of view, this is a really good wind area in the country. As Falcon may know, wind power is the least expensive form of new energy generation in South Africa, and the Komsberg site is well located as Eskom powerlines (grid connections) are close by. The actual footprint of the KWF wind farms is very small in comparison to the actual site boundaries, and extremely small relative to the Falcon TCP area.				
<b>DISCUSSION</b>						
6.	PQ	As noted, Falcon do not know much about wind farms. Importantly, it would need to be known if access is going to be possible to any "sweet spots" with zero interference to the wind farms. Work has been done and Falcon realise that co-existence of wind power and fracking activities do occur in Europe, however, the US should also be investigated as this area may be a better proxy. In terms of long-terms prospects, if there is a large quantity of gas, it would most likely be piped to Johannesburg. If the quantity is not that large, it is likely that generation plants would be built in the area which would make linking into the existing infrastructure attractive.	Further investigate the co-existence of wind energy generation and fracking activities.	PQ	To enable a co-operation agreement to be signed by end Feb 2016.	Operation: <ul style="list-style-type: none"> <li>Access across wind farms to areas of interest to Falcon without interfering with the operation of the wind farms and with the wind farms not hindering Falcon activities.</li> </ul>
7.	AM	The timelines of the two proposals are different. KWF would like to work out if there really are problems, so that the regulators can be informed that there are no hindrance factors to either proposal.	Investigate timescales and understand overlaps.	AM	Final EIA submission.	
8.	PQ	Falcon would prefer to come to an agreement with wind farm developers and create a robust template that works for all parties. As such, potential concerns need to be understood. If the exploration application is approved, exploration would start in approximately four years. Would access across KWF land be constrained? The				Operation: <ul style="list-style-type: none"> <li>Access across KWF land (as previously detailed).</li> </ul>



		seismic survey would be completed using a non-invasive method with small trucks using existing roads. Would there be limitations in terms of how close drilling can take place next to a turbine? What would this buffer distance be? How safe is it to drill near a turbine? Falcon does not want to create constraints and concerns regarding infrastructure. Would it be possible to turn the turbines off for two hours on a certain day? What is the likelihood of a fracking-induced seismic event, and the impact of that on a turbine? These are issues that need to be understood before financial close.				<ul style="list-style-type: none"> <li>• Limitations of proximity regarding drilling adjacent to a turbine.</li> <li>• Buffer distance around turbines.</li> <li>• Safety of drilling adjacent to turbines.</li> <li>• Possibility of turbine shut down for a certain length of time.</li> <li>• Likelihood of a fracking-induced seismic event, and the impact on a turbine.</li> </ul>
9.	AM	Queried as to the depth of the drilling and how KWF could assist towards working together.				
10	PQ	Approximately 2500m but this could be deeper. In terms of timeframe, if an exploration permit is obtained by 1st July 2016, it would take a year to set up a work programme and detail the technical concept through desktop and field studies. Only after that would the seismic or borehole exploration drilling take place at roughly six locations. Only after the fifth year of work, would a commercial concept be possible.				
11	AF	Reiterated that all parties would need to record their concerns, for example, if roads are damaged, Falcon would need to repair them and by when. Falcon would like to address these issues and incorporate them into the cooperation agreement. This should not be a lengthy process, nor should Falcon <b>have to "re-create the wheel"</b> for every wind farm. In terms of timing, a term sheet should be broadly agreed upon by Christmas this year, and an agreement signed by the end of February 2016.	Record of KWF potential technical and commercial issues.	AM/BB	Early December 2015	
12	PQ	Interactions with wind developers have thus far been positive and Falcon aim to achieve a generic cooperation agreement within the shortest time possible which will stand up to the financiers and to lawyers.	Develop generic co-operation agreement.	PQ/AF	February 2016	



13	BB	The foundation design of turbines would need to be considered. Queried what the induced seismicity from drilling or the return of fracking fluids would be. The foundation design would need to accommodate this.	Investigate and report on impact on foundations.	PQ	Early December 2016	Design: <ul style="list-style-type: none"> <li>• Impact on the turbines and on the foundations of the turbines from induced seismicity as a result of drilling or fracking.</li> <li>• Foundation design.</li> </ul>
14	AM	Noted that turbines are currently built in earthquake prone areas and that these constraints can surely be included in all turbine foundation designs if so required.				
15	PQ	Falcon would hence need to provide an estimate of force, so that it can be ascertained whether or not the turbines would withstand it. A technical person would need to be appointed to assist with this.	Estimate of potential seismic impact to be provided to KWF.	AF/PQ	Early December	
16	AM	With respect to the seismic explorations, it would not really be problematic to shut down (the turbines) for a few hours whilst sensitive measurements were being made.	Mitigation against wind turbine operation interfering with sensitive exploration measurements.	BB	Final EIA submission.	Operation: Turbines shut down for a few hours to enable sensitive exploration measurements.
17	AM	Queried how the gas is collected once operational.				
18	PQ	This would depend on a number of factors, however gathering stations and pipelines would be used to transport it to the end user at power stations.				
19	AM	The wind farm infrastructure, that is, the roads and grid connections would already be there for use. The minimum safety buffer around a fracking activity would need to be considered.				Operation: <ul style="list-style-type: none"> <li>• Sharing of existing infrastructure such as roads and grid connections.</li> </ul> Design:



						<ul style="list-style-type: none"> <li>• Safety buffer around a fracking operation.</li> </ul>
20	BB	Noted that there is a logical area separation between the two proposed developments, turbines on ridge tops versus wells in valleys from which horizontal drilling would take place. The developments are linked. There are areas of concern, but also areas of synergy, for example, the shared use of roads in high biodiversity areas (that is, less impact on biodiversity) and a common infrastructure.	Mitigation due to natural separation of activities.	BB	Final EIA submission.	
21	AF	Queried what <b>KWF's timeline is.</b>				
22	AM	This proposal would be going into Bid 6 in 2016 and if approved, construction would begin in mid-2017 with a construction period of 18-24 months.				
23	BB	Queried what the likelihood is of Falcon running additional seismic lines through the area.				
24	PQ	No more lines would be run through the area. Drilling would probably be done instead. The seismic programme would not be increased.				
25	All	Agreement that AM would be the point of contact for continued technical discussions.				
26	All	All present thanked the other attendees for attending the meeting and looked forward to further interaction outside of this PPP.				
<b>CLOSURE</b>						
		The meeting closed at 15h30.				





4 October 2015

Tebogo Motloung  
Acting General Manager: Regulations  
Tygerpoort Building  
7 Mispel Street  
Bellville  
7530

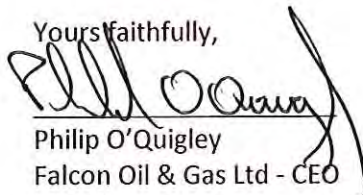
Per e-mail motloungt@petroleumagencysa.com

Dear Sirs

**RE: FALCON OIL & GAS LIMITED (HOLDER OF A TECHNICAL CO-OPERATION PERMIT: REFERENCE NUMBER 12/2/013/1) AND THE HIDDEN VALLEY WIND ENERGY FACILITY COMPROMISING THREE DEVELOPMENT PHASES (DEA REFERENCES 12/12/20/2370/1, 12/12/20/2370/2 12/12/20/2370/3).**

1. We refer to the above.
2. We wish to inform you that representatives of Falcon Oil & Gas Ltd ("Falcon") and African Clean Energy Developments ("ACED"), the developer of the Hidden Valley Wind Energy Facilities, met in Cape Town to discuss their respective projects within the Karoo during the week ended 30 October 2015.
3. Both Falcon and ACED are committed to working together to ensure both projects can co-exist, and the ultimate goal is for both parties to enter a co-existence/cooperation agreement on the finalisation of discussions on the important considerations which need to be addressed.
4. Falcon has had similar meetings with other renewable energy projects and has made similar commitments with the said developers to work towards co-existence/cooperation agreements.
5. We shall keep you updated on progress made.

Yours faithfully,

  
Philip O'Quigley  
Falcon Oil & Gas Ltd - CEO

Head office: Styne House, Upper Hatch Street, Dublin 2, Ireland  
Registered office: Suite 810, 675 West Hastings Street, Vancouver, British Columbia, V6B 1N2, Canada

## **Appendix D6 Interested and affected party database**

Status	Title	Name	Company	Department
Pre-identified: Organ of State	Mrs.	Queen Poolo	National Department of Mineral Resources	Secretary to the Minister
Pre-identified: Organ of State	Mr.	Khayaletu Matrose	National Department of Mineral Resources	Director General
Pre-identified: Organ of State	Mr.	Ompi Aphane	National Department of Energy	Deputy Director General
Pre-identified: Organ of State	Mr.	Radithoana Selepe	National Department of Provincial and Local Government	Chief Director Communications
Pre-identified: Organ of State	Mr.	Elroy Africa	National Department of Provincial and Local Government	Information Officer
Pre-identified: Organ of State	Ms.	Annette Stoltz	National Department of Agriculture, Forestry and Fisheries	
Pre-identified: Organ of State	Ms.	Thoko Buthelezi	National Department of Agriculture, Forestry and Fisheries	Agriland Land Liason
Pre-identified: Organ of State	Ms.	Mashudu Marubini	National Department of Agriculture, Forestry and Fisheries	Delegate of the Minister (Act 70 of 1970)
Pre-identified: Organ of State	Ms.	Serah Muobeleni	National Department of Agriculture, Forestry and Fisheries	Acting Deputy Director
Pre-identified: Organ of State	Mr.	Hein Lindermaan	National Department of Agriculture, Forestry and Fisheries	Acting Director - Land Use & Soil Management
Pre-identified: Organ of State	Ms.	S. Hilzinger-Maas	National Department of Agriculture, Forestry and Fisheries	Deputy Minister - Nature Conservation
Registered	Ms.	Hettie Buys	National Department of Agriculture, Forestry and Fisheries	Landuse & Soil Management
Pre-identified: Organ of State	Mr.	Gugile Nkwinti	National Department of Rural Development and Land Reform	Minister
Pre-identified: Organ of State	Adv.	Vela Mngwengwe	National Department of Rural Development and Land Reform	Chief Director: State Land Administration
Pre-identified: Organ of State	Mr.	Tshepiso Monnakgotla	National Department of Rural Development and Land Reform	Environmental Management
Pre-identified: Organ of State	Mr.	Mava Scott	National Department of Water and Sanitation	Chief Director: Communication Services
Pre-identified: Organ of State	Mr.	Lincoln Seoloane	National Department of Water and Sanitation	Assistant Director Administration
Pre-identified: Organ of State	Mr.	Frans Vilakazi	National Department of Water and Sanitation	Acting Director-General
Pre-identified: Organ of State			SALGA	
Pre-identified: Organ of State	Mr.	Coenrad Agenbach	National Department of Environmental Affairs	Control Environmental Officer: Renewable Energy Projects
Pre-identified: Organ of State	Mr.	Nyiko Ngoveni	National Department of Environmental Affairs	
Pre-identified: Organ of State	Ms.	Nosipho Ngcaba	National Department of Environmental Affairs	Director General
Pre-identified: Organ of State	Mr.	Sam Monareng	Nation Department of Transport	Acting Director
Pre-identified: Organ of State	Mr.	Siya Qoza	National Department of Communications	Media Liason Officer
Pre-identified: Organ of State	Mr.	Veliswa Baduza	South African Heritage Resources Agency (SAHRA) - National	Chief Executive Officer
Pre-identified: Organ of State	Ms.	Jenny Lavin	South African Heritage Resources Agency (SAHRA) - National	Heritage Officer
Pre-identified: Local Municipality	Mr.	Wilhelm DuP Theron	Laingsburg Local Municipality	Executive mayor

Status	Title	Name	Company	Department
Pre-identified: Local Municipality	Mr.	Pedro Williams	Laingsburg Local Municipality	Municipal manager
Pre-identified: Local Municipality	Mr.	Jan Venter	Laingsburg Local Municipality	Environmental Impact
Pre-identified: Local Municipality	Clr	Bertie van as	Laingsburg Local Municipality	Ward 2 Councillor
Pre-identified: District Municipality	Mr.	Edward Z. Njadu	Central Karoo District Municipality	Executive Mayor
Pre-identified: District Municipality	Mr.	Stefanus Jooste	Central Karoo District Municipality	Municipal Manager
Pre-identified: District Municipality	Mr.	J Bostander	Central Karoo District Municipality	Speaker
Pre-identified: District Municipality	Ms.	Barbara Brown	Central Karoo District Municipality	Environment Manager
Pre-identified: Organ of State	Mrs.	Cobri Vermeulen	Western Cape Department of Agriculture, Forestry and Fisheries	Area Area Manager Forestry: Western Cape Forestry Management (Other Regions)
Pre-identified: Provincial Environmental Authority	Dr	Hildegarde Fast	Western Cape Department of Local Government, Environmental Affairs and Development Planning	Head of Department
Pre-identified: Provincial Environmental Authority	Mr.	Pieter van Zyl	Western Cape Department of Environmental Affairs and Development Planning	Head of Department
Pre-identified: Provincial Environmental Authority	Mr.	Andre Oosthuizen	Western Cape Department of Environmental Affairs and Development Planning	Directorate: Development Facilitation
Pre-identified: Provincial Environmental Authority	Mr.	Kobus Munro	Western Cape Department of Environmental Affairs and Development Planning - George Office	Director - (Region 3)
Pre-identified: Provincial Environmental Authority	Mr.	Benjamin Walton	Western Cape Nature Conservation Board (Cape Nature) - Central Karoo & Eden Municipal Areas	Scientific Services: Land Use Advice
Pre-identified: Organ of State	Mr.	Vusumuzi Mwelase	Western Cape Department of Mineral Resources	Acting Regional Manager
Pre-identified: Organ of State	Ms.	Busisiwe Magazi	Western Cape Department of Mineral Resources	Acting Regional Manager - Secretary
Pre-identified: Organ of State	Ms.	Sibongile Kunene	Western Cape Department of Mineral Resources	
Pre-identified: Organ of State	Prof	Craig Househam	Western Cape Department of Health	Head of Department
Pre-identified: Organ of State	Mr.	Thando Mguli	Western Cape Department of Human Settlements	Head of Department
Pre-identified: Organ of State	Ms.	Jacqui Gooch	Western Cape Department of Transport and Public Works	Head of Department
Pre-identified: Organ of State	Ms.	Joyene Isaacs	Western Cape Department of Agriculture	Head of Department
Pre-identified: Organ of State	Mr.	Cor van der Walt	Western Cape Department of Agriculture	Landuse Manager (Acting)
Pre-identified: Organ of State	Ms.	Gail Jacobs	Western Cape Department of Agriculture	Deputy Director: Rural Development Coordination
Pre-identified: Organ of State	Mr.	Solly Fourie	Western Cape Department of Economic Development and Tourism	Head of Department



Status	Title	Name	Company	Department
Pre-identified: Organ of State	Mr.	Rashid Khan	Western Cape Department of Water and Sanitation	Chief Director - Western Cape
Pre-identified: Organ of State	Mr.	S Mashicila	Western Cape Department of Water and Sanitation	Director: Water Sector Support
Pre-identified: Organ of State	Ms.	A Petersen	Western Cape Department of Water and Sanitation	Director: Institutional Establishment
Pre-identified: Organ of State	Mr.	Michael Worsnip	Western Cape Department of Rural Development and Land Reform	Chief Director - Land Restitution Support
Pre-identified: Organ of State	Mr.	David Smit	Western Cape Department of Rural Development and Land Reform	Acting Chief Director
Pre-identified: Organ of State	Ms.	Juanita Fortuin	Western Cape Department of Rural Development and Land Reform	
Registered	Ms.	Fatima Williams	Western Cape Department of Rural Development and Land Reform - Commission on Restitution of Land Right: Regional Land Claims Commission	Deputy Director: Administration
Pre-identified: Organ of State	Ms.	Susan Steyn	Western Cape Department of Agriculture, Forestry and Fisheries	
Pre-identified: Organ of State	Mr.	Thando Ndudula	Western Cape Department of Agriculture, Forestry and Fisheries	
Pre-identified: Provincial Environmental Authority	Mr.	Ayub Mohamed	Western Cape Department of Environmental Affairs and Development Planning	Director: Environmental Governance, Policy Co-ordination and Planning
Pre-identified: Provincial Environmental Authority	Ms.	Jessica Christie	Western Cape Department of Environmental Affairs and Development Planning: George office	
Pre-identified: Organ of State	Mr.	Gaynor De Jager	Western Cape Department of Land Affairs	Planner
Pre-identified: Organ of State	Mr.	J. Rabe	Department of Transport and Public Works: Oudtshoorn Regional Office	District Roads Engineer
Pre-identified: Organ of State	Ms.	Johanna Van der Berg	Department of Transport & Public Works: Eden Regional Office	
Pre-identified: Organ of State	Mr.	M.L. Watters	Western Cape Governmentn of Transport and Public Works	District Roads Engineer
Pre-identified: Organ of State	Mr.	Cornelius Malgas	Provincial Government of the Western Cape	
Pre-identified: Organ of State	Ms.	Martie Carstens	Western Cape Department of Economic Development and Tourism	Head of Communications
Pre-identified: Organ of State	Mr.	Ayanda Hollow	Western Cape Department of Communications	
Pre-identified: Organ of State	Ms.	Leona Bruiners	Western Cape Department of Rural Development and Land Reform	Spatial Planning
Pre-identified: Organ of State	Ms.	Chantal Harigobin	SALGA - Western Cape	Environmental Manager
Pre-identified: Local Municipality	Mr.	Jan P Julies	Karoo Hoogland Municipality	Executive Mayor
Pre-identified: Local Municipality	Mr.	GW Von Mollendorf	Karoo Hoogland Municipality	Municipal manager
Pre-identified: Local Municipality	Clr	Jeremy David	Karoo Hoogland Municipality	Ward 3 Councillor
Pre-identified: Local Municipality	Ms.	Christelle Viljoen	Karoo Hoogland Municipality	Administrative offiver: Corporative Affairs
Pre-identified: District Municipality	Mr.	Bentley Vass	Namakwa District Municipality	Executive Mayor

Status	Title	Name	Company	Department
Pre-identified: District Municipality	Mr.	Christiaan Fortuin	Namakwa District Municipality	Municipal Manager
Pre-identified: Provincial Environmental Authority	Mr.	Brian Fisher	Northern Cape Department of Environment & Nature Conservation	Acting Director
Pre-identified: Provincial Environmental Authority	Ms.	Dineo Moleko	Northern Cape Department of Environment & Nature Conservation	Impact Management
Pre-identified: Provincial Environmental Authority	Mr.	Albert Mabunda	Northern Cape Department of Environment & Nature Conservation	Regional Manager
Registered	Mr.	Luzane Tools-Bernado	Northern Cape Department of Environment & Nature Conservation	EIA Administration
Pre-identified: Organ of State	Mr.	Ntsundeni Ravhugoni	Northern Cape Department of Mineral Resources	Regional Manager
Pre-identified: Organ of State	Mr.	Obed Mvula	Northern Cape Department of Rural Development and Land Reform	Regional Manager
Pre-identified: Organ of State	Ms.	Cindy Benyane	Northern Cape Department of Rural Development and Land Reform	Chief Director - Land Restitution Support
Pre-identified: Organ of State	Ms.	Natasha Corns	Northern Cape Department of Transport, Roads and Public Works	Office of Head of Department
Pre-identified: Organ of State	Mr.	Gamiem Abrahams	Northern Cape Department of Cooperative Governance, Human Settlements and Traditional Affairs	Communications Services
Pre-identified: Organ of State	Ms	G Botha	Northern Cape Department of Cooperative Governance, Human Settlements and Traditional Affairs	Acting Head of Department 053 830 9427
Pre-identified: Organ of State	Ms.	Jacoline Mans	Department of Agriculture, Forestry and Fisheries (Upington)	Chief Forester: NFA Regulation
Pre-identified: Organ of State	Mr.	Itumeleng Thatelo	SALGA Northern Cape	Environmental Manager
Pre-identified: Organ of State	Mr.	A. Abrahams	Northern Cape Department of Water and Sanitation	Chief Director: Northern Cape
Pre-identified: Organ of State	Ms.	Lindiwe Franks	Northern Cape Department of Water and Sanitation	
Pre-identified: Organ of State	Mr.	Viljoen Mothibi	Northern Cape Department of Agriculture, Land Reform and Rural Development	Head of Department
Registered	Mr.	Andrew Lawrence	Northern Cape Department of Agriculture, Land Reform and Rural Development	
Pre-identified: Organ of State	Mr.	Ali Diteme	Northern Cape Department of Agriculture, Land Reform and Rural Development	Media Liason Officer
Pre-identified: Organ of State	Ms.	Colleen Smuts	Northern Cape Department of Water and Sanitation	
Pre-identified: Organ of State	Mr.	Marius Nagel	Northern Cape Department of Communications	
Pre-identified: Provincial Environmental Authority	Ms.	Elizabeth Botes	Northern Cape Department of Environment and Nature Conservation	
Pre-identified: Provincial Environmental Authority	Mr.	Brian Fisher	Northern Cape Department of Environment and Nature Conservation	Acting: Regional Manager
Pre-identified: Provincial Environmental Authority	Ms.	O Ndzumao	Northern Cape Department of Environment and Nature Conservation	
Pre-identified: NGO	Ms.	Rhundzani Rashikinya	Sender Technology Park (STP) SENTECH	Chief Executive Officer

Status	Title	Name	Company	Department
Pre-identified: NGO	Mr.	Mabule Mokhine	Earthlife Africa	Branch Co ordinator - Johannesburg office
Pre-identified: NGO	Ms.	Mona Lakhani	Earthlife Africa	Branch Co ordinator - Cape Town office
Pre-identified: NGO	Ms.	Makoma Lekalakala	SECCP of Earthlife Africa	Senior Programme officer
Pre-identified: NGO	Mr.	Rudzani Nemukula	Wildlife and Environment Society of South Africa (WESSA)	Environmental officer
Pre-identified: NGO	Ms.	Philippa Huntly	Wildlife and Environment Society of South Africa (WESSA)	Project Unit Manager
Pre-identified: NGO	Ms.	Suzanne Erasmus	WESSA Northern Cape Region	Chairperson
Pre-identified: NGO	Mr.	Daniel Marnewick	Birdlife South Africa	Important Bird Areas Programme
Pre-identified: NGO	Ms.	Charmaine Uys	Birdlife South Africa	Policy and Advocacy
Registered	Ms.	Sam Ralston	Birdlife South Africa - Western Cape Region	
Registered	Mr.	Dale Wright	Birdlife South Africa - Western Cape Region	
Pre-identified: NGO	Ms.	Madre Walters	Laingsburg Toursim	
Pre-identified: NGO	Dr.	Shadrack Moephuli	Agricultural Research Council	CEO
Pre-identified: NGO	Mr.	Constant Hoogstad	Endangered Wildlife Trust	Manager for the WEP
Pre-identified: NGO	Mr.	Lourens Leeuwner	Endangered Wildlife Trust	Renewable Energy Project manager
Pre-identified: NGO	Mr.	Johan van den Berg	South African Wind Energy Association (SAWEA)	CEO
Pre-identified: NGO	Mr.	Henning Holm	Sustainable Energy Society of Southern Africa (SESSA)	Chairman
Pre-identified: NGO	Ms.	Adriana Chickesh	Sustainable Energy Society of Southern Africa (SESSA)	Knowledge Management Information Officer
Pre-identified: NGO	Mr.	Alwyn Smith	Southern African Alternative Energy Association (SAAEA)	Administrator
Pre-identified: NGO	Dr.	Mandy Barnett	Cape Action for People and the Environment (C.A.P.E.)	Director
Pre-identified: NGO		Melodie McGeoch	SANParks	General Manager Cape Research Centre
Pre-identified: NGO	Mr.	Hans van der Merwe	Agri SA	Executive Director
Pre-identified: NGO	Ms.	Cornie Swart	Agri Wes-Cape	President
Registered	Ms.	Alet Wilson	Agri Wes-Cape	Reception
Pre-identified: NGO	Ms.	Diana Martins	Northern Cape Tourism Authority	Marketing Manager
Pre-identified: NGO	Mr.	Andrew Hall	Heritage Western Cape	
Pre-identified: NGO	Ms.	Erika van der Linda	Ferret Uranium	Environmental Manager
Pre-identified	Ms.	Becky Scott	Komsberg Wilderness Nature Reserve - Sutherland District	Assistant Director

Status	Title	Name	Company	Department
Pre-identified: NGO	Dr.	Ramotholo Sefaku	The Southern African Large Telescope (SALT) - Sutherland and Cape Town	Head of Small Telespcpe Operations
Pre-identified: Organ of State	Mrs.	Thami Tabata	South African Weather Services	Senior Manager Human Capital Development
Pre-identified: Organ of State	Mr.	Makaya Mamogale	Air Traffic and Navigation Services (ATNS) SOC Limited	Senior Projects Manager
Pre-identified: NGO	Ms.	Joy Fish	Cape Bird Club	Secretary
Pre-identified: NGO	Ms.	Leon Leach	Diamantveld Voelklub	Secretary
Pre-identified: NGO	Ms.	Kate McEwan	South Afrian Bat Assessment Association (SABAAP)	Chairperson
Pre-identified: NGO	Mr.	Johan Bothma	Agri Western Cape	
Pre-identified: NGO	Mr.	Henning Myburgh	Agri Northern Cape	
Pre-identified: Organ of State	Mr.	Ratha Timothy	SAHRA Northern Cape	Provincial Manager
Pre-identified: Organ of State	Ms.	Mpathi Makoa	SANRAL	
Pre-identified: Organ of State	Ms.	Deidre Herbest	Eskom	Senior Environmental Manager - Generation
Pre-identified: Organ of State	Mr.	John Geeringh	Eskom	Senior Environmental Advisor Eskom GC - Land Development
Pre-identified: Organ of State	Ms.	Lungile Motsisi	Eskom	Servitude and Investigations Department
Pre-identified: Organ of State	Ms.	Rochelle McPherson	Eskom	Senior Clerk Land & Rights Land Development
Pre-identified: Organ of State	Ms.	Sibulele Mdingi	Eskom Land Development and Environment Western Cape Operations Unit	Environemental Practitioner: Independent Power Producers
Pre-identified: Organ of State	Ms.	Ayanda Noah	Eskom	Group Executive - Distribution
Pre-identified: Organ of State	Mr.	Eddie Seaton	Transnet	Manager - Transnet Property
Pre-identified: Organ of State	Ms.	Lizelle Stroh	South African Civil Aviation Authority	
Pre-identified: Organ of State	Mr.	Christopher Isherwood	South African Civil Aviation Authority	Aviation Survey Inspector: Air Navigation Services
Pre-identified: Organ of State	Dr.	Adrian Tiplady	Square Kilometer Array (SKA) Project	Project Manager
Pre-identified: Organ of State	Ms.	Colene Runkel	SANRAL	Statutory Control Officer - Western Region
Pre-identified: Organ of State	Ms.	Marilyn Kleinhans	SANRAL	Statutory Control
Registered	Ms.	Nicole Abrahams	SANRAL	
Pre-identified: Organ of State	Mr.	Thembanani Bukula	National Energy Regulator of South Africa (NERSA)	Electricity
Pre-identified: Organ of State	Mr.	Andile Gxasheka	National Energy Regulator of South Africa (NERSA)	Renewable Energy Specialist
Pre-identified: Organ of State	Mr.	Troy Smuts	Heritage Western Cape	Heritage Officer (Archaeology)
Registered	Mr.	Gert Pretorius	Enviro Logic	



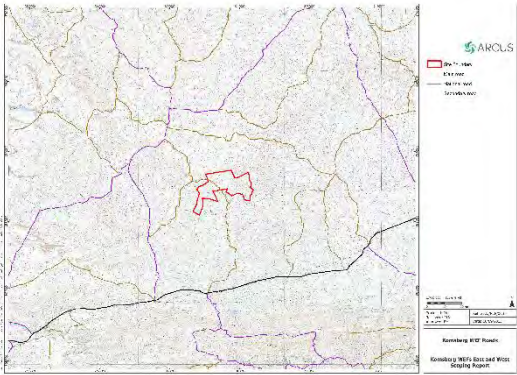
Status	Title	Name	Company	Department
Registered	Ms.	Anne Flynn	Falcon Oil and Gas Limited	Group Financial Controller
Landowner	Mr.	Andries Le Roux	Le Roux Familie Trust	Portion 1 of farm De Plaat 205 Portion 2 of the Farm Schalkwykskraal 204
Landowner	Mr.	Andries Le Roux	A De v le Roux Familie Trust	Portion 0 of the Vlakkloof 11 Portion 1 of the farm Welgemoed 268 Portion 2 of the farm Welaemoed
Landowner	Mr.	Eldri van Zyl	Eldri van Zyl Trust	Portion 0 of the farm Kentucky 206
Landowner	Mr.	Ockert Gerbrandt Conradie		Portion 1 and 2 of the farm Rheebokke Fontein 209
Landowner	Mr.	Francois Conradie	Standvastigheid Familie Trust	Portion 4 of the farm Taayboschkraal 12 RE of the farm Standvastigheid 210 Portion 3 of the farm Rheebokke
Landowner and Adjacent Landowner	Mr.	Billie Myburgh	Myburgh Familie Trust	Portion 2 of the farm Taayboschkraal 12 Portion 3 of the farm Taayboschkraal 12
Landowner	Mr.	Pieter J. Stofberg		Portion 1 of the farm Taayboschkraal 12 Portion 2 of the farm Koomplaats 41 Portion 3 of the farm Boschmans
Landowner	Mr.	Hennie L. Muller		Portion 0 of the farm Anys Riviers Plaat 13 Portion RE of the farm Dwars Rivier 14
Adjacent Landowner	Mr.	Johann Biesenbach	Die Fonteine Trust	Portion 3 of the farm Koomplaats 41
Adjacent Landowner			Kareedoring Kraal Boerdery cc	Portion 2 of the farm Spitze Kop 42
Adjacent Landowner	Mr.	JJ Le Roux	JJ Le Roux Familie Trust	RE and Portion 1 of the farm Modderfontein 7 Portion 2 of the farm Dwars Rivier 14
Adjacent Landowner	Mr.	Francois Conradie	Standvastigheid Familie Trust	RE and Portion 2 of the farm Boschmans Kloof 9 Portion 7 of the farm Koomplaats 41
Adjacent Landowner			GVA Boerdery cc	Portion 1 of the farm Boschmans Kloof 9
Adjacent Landowner	Mr.	Gielie Hanekom	Giele Hanekom Familie Trust	RE of the farm Welgemoed 268 RE of the farm Schalkwykskraal 204
Adjacent Landowner	Mr.	Ogie Conradie	Rietfontein Familie Trust	RE of the farm Swaerskraal 40 Portion 2 of the Volvenkop 207
Adjacent Landowner	Mr.	Jacobus Simon Johannes		Portion 11 of the farm Koomplaats 41
Adjacent Landowner			Boerskaap Agente cc	Portion 1 of the farm Spitze Kop 42
Adjacent Landowner	Mr.	David Miller	Welgemoed Trust	Portion 1 of the farm Botmans Hoek 10
Adjacent Landowner	Mr.	Jacobus Fourie Oosthuizen		Portion 1 of the farm Dwars Rivier 14

## **Appendix D7 Issues trail**

**Table A: Issues Trail.**

<b>SCOPING PHASE COMMENTS AND RESPONSES</b>				
	<b>Commentator</b>	<b>Comment</b>	<b>Respondent</b>	<b>Response</b>
<b>1</b>	<b>Heritage Western Cape Dr E Myburg 4 August 2015</b>	<p>Response to Notification of Intent to Develop: The above-mentioned application was assessed by Heritage Western Cape. Since there is reason to believe that heritage resources will be impacted upon, HWC requires that an HIA in terms of Section 38(2) of the NHRA (Act 25 of 1999) assessing the:</p> <ul style="list-style-type: none"> <li>• Visual impacts the proposed development will have on its receiving environment being the cultural landscape and other resources of heritage significance.</li> <li>• HWC noted that there is a strong possibility of finding heritage resources due to the scope area being rich in archaeology and palaeontology. HWC requires further studies addressing the archaeology and palaeontology.</li> <li>• The comments of the registered conservation bodies and the Municipality should also be requested.</li> </ul>	Arcus	A full Heritage Impact Assessment will be conducted for this proposal and will assess potential impacts upon archaeology, palaeontology and visual aspects of the development.
<b>2</b>	<b>Becky Scott: Assistant Director The Wildlife For All Trust (owners of Komsberg Wilderness Nature Reserve, Sutherland District). 31 August 2015</b>	<p>We strenuously object to the wind farm project being proposed. The "environmental assessment" was a farce. Nobody actually entered our land nor talked to us in detail; one person turned up, unannounced, just as our staff were leaving for our other nature reserve. I wish to receive a copy of the Background Information Document.</p>	EIMS/Arcus	<p>Thank you for responding to the notification regarding the proposed Komsberg East and West Wind Energy Facilities project. Please find attached the requested Background Information Document (BID) (in English and Afrikaans). The map in the enclosed BID indicates the location of the proposed projects.</p> <p>This is a new application/new proposal and as such the Environmental Impact Assessment (EIA) process is only being initiated tomorrow and thus there will be opportunity to engage further with the project team during the current Scoping phase, as well as during the more detailed EIA phase that will follow.</p> <p>Please do not hesitate to contact us at any time if you have any further questions or queries.</p>
<b>3</b>	<b>Gert Pretorius 02 September 2015</b>	As mentioned I did ECO work for numerous projects in the Northern Cape and I would appreciate it if you can forward my details to the applicant for consideration for their supplier database.		Acknowledged. Your details will be forwarded to the applicant.
<b>4</b>	<b>Ms Nicole Abrahams - Environmental Co-ordinator SANRAL</b>	Kindly forward me to my email clear visuals of the locality plans for the proposed Komsberg EAST and WEST WEF. As well as other background information. The information received is unclear.	EIMS/Arcus	Please find attached the electronic version of the Background Information Document. Note that the Draft Scoping Report is also available on the two websites – <a href="http://www.eims.co.za">www.eims.co.za</a> and <a href="http://www.arcusconsulting.co.za">www.arcusconsulting.co.za</a> . A map indicating the location of the proposed sites in relation to provincial and national roads will also be forwarded to you

**SCOPING PHASE COMMENTS AND RESPONSES**

	Commentator	Comment	Respondent	Response
	<p><b>07 September 2015</b></p>			<p>(shown below). Please do not hesitate to contact us at any time if you have any further questions or queries.</p> 
<p><b>5</b></p>	<p><b>Ms Nicole Abrahams - Environmental Co-ordinator</b> <b>SANRAL</b> <b>09 September 2015</b></p>	<p>The South African National Roads Agency SOC Limited (SANRAL) has received background information document regarding the above mention proposed project. After a detailed review the extent of the proposed project scope it was established that your project will not impact on SANRAL jurisdiction in any way hence no further comments will be forthcoming from this office.</p>	<p>EIMS/Arcus</p>	<p>Acknowledged.</p>
<p><b>6</b></p>	<p><b>Ms Nicole Abrahams - Environmental Co-ordinator</b> <b>SANRAL</b> <b>10 September 2015</b></p>	<p>The South African National Roads Agency SOC Limited (SANRAL) has received background information and locality plan in relation to the nearest national road, regarding the above-mentioned proposed project. After a detailed review the extent of the proposed project scope it was established that your project will not impact on SANRAL jurisdiction in any way hence no further comments will be forthcoming from this office.</p>	<p>EIMS/Arcus</p>	<p>Acknowledged.</p>
<p><b>7</b></p>	<p><b>John Geeringh</b> <b>Senior Consultant Environmental Management</b> <b>Eskom GC: Land Development</b> <b>07 September 2015</b></p>	<p>Please find attached Eskom requirements for works at or near Eskom infrastructure. Eskom requirements for work at or near Eskom infrastructure. 1. <b>Eskom's rights and services must be acknowledged and respected at all times.</b> 2. Eskom shall at all times retain unobstructed access to and egress from its servitudes. 3. <b>Eskom's consent does not relieve the developer from obtaining the necessary statutory, land owner or municipal approvals.</b> 4. Any cost incurred by Eskom as a result of non-compliance to any relevant environmental legislation will be charged to the developer.</p>	<p>Komsberg Wind Farms (Pty) Ltd/Design Engineers (Aurecon)</p>	<p>Thank you for your registration and comment. You will be kept up to date with the progress of this proposal. The attachments regarding Eskom requirements for works at or near Eskom infrastructure will be included in our Comments and Response Report and responded to by the applicant. It is envisaged that the design engineers will be aware of these requirements and will take all into account in the design of the proposed layouts. Should you require any further information regarding the proposed project, please refer to the Draft Scoping Report</p>



**SCOPING PHASE COMMENTS AND RESPONSES**

	Commentator	Comment	Respondent	Response
		<p>5. If Eskom has to incur any expenditure in order to comply with statutory clearances or other regulations as a result of the developer's activities or because of the presence of his equipment or installation within the servitude restriction area, the developer shall pay such costs to Eskom on demand.</p> <p>6. The use of explosives of any type within 500 metres of Eskom's services shall only occur with Eskom's previous written permission. If such permission is granted the developer must give at least fourteen working days prior notice of the commencement of blasting. This allows time for arrangements to be made for supervision and/or precautionary instructions to be issued in terms of the blasting process. It is advisable to make application separately in this regard.</p> <p>7. Changes in ground level may not infringe statutory ground to conductor clearances or statutory visibility clearances. After any changes in ground level, the surface shall be rehabilitated and stabilised so as to prevent erosion. The measures taken shall be to Eskom's satisfaction.</p> <p>8. Eskom shall not be liable for the death of or injury to any person or for the loss of or damage to any property whether as a result of the encroachment or of the use of the servitude area by the developer, his/her agent, contractors, employees, successors in title, and assignees. The developer indemnifies Eskom against loss, claims or damages including claims pertaining to consequential damages by third parties and whether as a result of damage to or interruption of or interference with Eskom's services or apparatus or otherwise. Eskom will not be held responsible for damage to the developer's equipment.</p> <p>9. No mechanical equipment, including mechanical excavators or high lifting machinery, shall be used in the vicinity of Eskom's apparatus and/or services, without prior written permission having been granted by Eskom. If such permission is granted the developer must give at least seven working days' notice prior to the commencement of work. This allows time for arrangements to be made for supervision and/or precautionary instructions to be issued by the relevant Eskom Manager                      Note: Where and electrical outage is required, at least fourteen work days are required to arrange it.</p> <p>10. Eskom's rights and duties in the servitude shall be accepted as having prior right at all times and shall not be obstructed or interfered with.</p> <p>11. Under no circumstances shall rubble, earth or other material be dumped within the servitude restriction area. The developer shall maintain the area concerned to Eskom's satisfaction. The developer shall be liable to Eskom for the cost of any remedial action which has to be carried out by Eskom.</p> <p>12. The clearances between Eskom's live electrical equipment and the proposed construction work shall be observed as stipulated by Regulation</p>		<p>which is available on the websites <a href="http://www.eims.co.za">www.eims.co.za</a> and <a href="http://www.arcusconsulting.co.za">www.arcusconsulting.co.za</a>. Please do not hesitate to contact us should you have any further queries.</p> <p>The attachments and information contained therein regarding Eskom guidelines for works at or near Eskom infrastructure are noted. The design engineers will be made aware of these guidelines and will take all into account in the design of the proposed layouts. Although none are envisaged at this time, where any issues or difficulties are foreseen, Eskom will be engaged with immediately.</p>

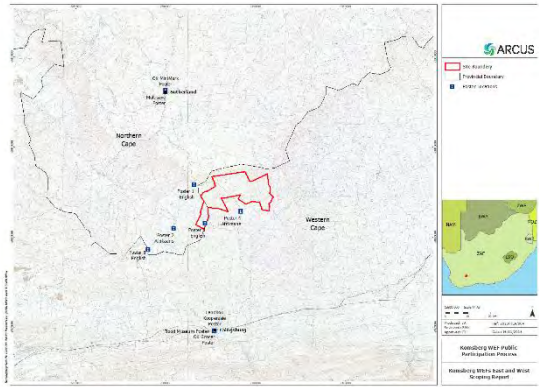
**SCOPING PHASE COMMENTS AND RESPONSES**

	Commentator	Comment	Respondent	Response
		<p>15 of the Electrical Machinery Regulations of the Occupational Health and Safety Act, 1993 (Act 85 of 1993).</p> <p>13. Equipment shall be regarded electrically live and therefore dangerous at all times.</p> <p>14. In spite of the restrictions stipulated by Regulation 15 of the Electrical Machinery Regulations of the Occupational Health and Safety Act, 1993 (Act 85 of 1993), as an additional safety precaution, Eskom will not approve the erection of houses, or structures occupied or frequented by human beings, under the power lines or within the servitude restriction area.</p> <p>15. Eskom may stipulate any additional requirements to highlight any possible exposure to Customers or Public to coming into contact or be exposed to any dangers of Eskom plant.</p> <p>16. It is required of the developer to familiarise himself with all safety hazards related to Electrical plant.</p> <p>17. Any third party servitudes encroaching on Eskom servitudes shall be <b>registered against Eskom's title deed at the developer's own cost. If such a servitude is brought into being, its existence should be endorsed on the Eskom servitude deed concerned, while the third party's servitude deed must also include the rights of the affected Eskom servitude.</b> Refer also to the extract at the end of this Issues Trail "<b>Renewable Energy Generation Plant Setbacks to Eskom Infrastructure</b>".</p>		
<p><b>8</b></p>	<p><b>Lizell Stroh</b> <b>South African Civil Aviation Authority</b> <b>Obstacle Specialist</b> <b>ASI: PD&amp;C</b> <b>07 September 2015</b></p>	<p>The SACAA would like to register as an effected party, please find the SACAA procedure that needs to be followed for us to provide Comments/Consent/Approval to the above mentioned project.</p> <p>There is a SACAA process whereby permission is applied for wrt obstacles which could pose an aviation hazard. More information can be obtained at <a href="http://www.caa.co.za">http://www.caa.co.za</a>. Click on information for industry 'Obstacles' on the LHS. Forms, Part 139-27 and submit on the form itself.</p> <p>Kindly provide a .kml (Google Earth) file reflecting the footprint of the proposed development site including the proposed overhead electric power line route that will evacuate the generated power to the national grid.</p> <p>Also indicate the highest structure of the project &amp; the overhead electric power transmission line.</p>	<p>EIMS/Arcus/K omsberg Wind Farms (Pty) Ltd.</p>	<p>The SACAA will be provided with a kml map of the proposed development site including the proposed overhead electric power line route that will evacuate the generated power to the national grid.</p> <p>The details of the on the highest structure of the proposed project and the overhead electric power transmission line will also be provided during the EIA Phase. Note that an option that is being considered for the wind turbines is the use of Pilot Activated Lighting, which means that all night lighting would only be functional when an aircraft flies over the site.</p>
<p><b>9</b></p>	<p><b>Luzane Tools-Bernado</b> <b>EIA Administration</b> <b>Directorate: Environmental Quality Management Department</b></p>	<p>The Department of Environment and Nature Conservation received a Draft Scoping Report &amp; Plan of study for EIA on the 03rd September 2015.</p> <p>The Project Description reads as follows: Environmental Impact Assessment for the proposed Komsberg east and West wind energy facilities, Western &amp; Northern Cape Provinces.</p> <p>Please do send us the DEA Reference number of this project as we need to acknowledge the Document.</p>	<p>EIMS/Arcus</p>	<p>Thank you for your comment. The DEA reference numbers will be forwarded once received from the DEA, post submission of the application forms. It is anticipated that this will be in November 2015.</p>

**SCOPING PHASE COMMENTS AND RESPONSES**

	<b>Commentator</b>	<b>Comment</b>	<b>Respondent</b>	<b>Response</b>
	<b>Environment and Nature Conservation</b> <b>8 September 2015</b>			
<b>10</b>	<p><b>Jacoline Mans</b></p> <p><b>Designation: Chief Forester (NFA Regulation)</b></p> <p><b>Directorate: Forestry Management (Other Regions) Northern Cape</b></p> <p><b>Department of Agriculture, Forestry and Fisheries</b></p> <p><b>Northern Cape Region</b></p> <p><b>15 September 2015</b></p>	<p>DEPARTMENTAL MANDATE</p> <p>The Branch: Forestry and Natural Resource Management in the Department of Agriculture, Forestry and Fisheries (DAFF) is responsible for implementation of the National Forests Act, Act 84 of 1998 (NFA) and the National Veld and Forest Fires Act, Act 101 of 1998 as amended. The proposed developer must comply with the following sections of the NFA:</p> <p>1.1.1 Section 15(1): "<i>No person may-</i></p> <p><i>(a) Cut, disturb, damage or destroy any protected tree; or</i></p> <p><i>(b) Possess, collect, remove, transport, export, purchase, sell, donate or in any other manner acquire or dispose of any protected tree, or any forest product derived from a protected tree, except-</i></p> <p><i>(i) under a license granted by the Minister; or</i></p> <p><i>(ii) in terms of an exemption from the provision of this subsection published by the Minister in the Gazette on the advice of the Council."</i></p> <p>1.1.2 Section 62(2)(c): "<i>Any person who contravenes the prohibition on-</i></p> <p><i>(i) The cutting, disturbance, damage or destruction of temporarily protected trees or groups of trees referred to in section 14(2) or protected trees referred to in section 15(1)(a); or</i></p> <p><i>(ii) The possession, collection, removal, transport, export, purchase or sale of temporarily protected trees or groups of trees referred to in section 14(2) or protected trees referred to in section 15(1)(b), or any forest product derived from a temporarily protected tree, group of trees or protected tree, is guilty of a first category offence."</i></p> <p>1.1.3 Section 58 (1): "<i>Any person who is guilty of a first category offence referred to in sections 62 and 63 may be sentenced to a fine or imprisonment for a period of up to three years, or to both a fine and such imprisonment."</i></p> <p>2. COMMENTS ON BACKGROUND INFORMATION DOCUMENT</p> <p>2.1 The two proposed developments of 275 MW each are cross-border and located in both the Northern Cape and Western Cape Provinces. Kindly note this office will only comment on the Northern Cape section of the proposed developments.</p>	Arcus/Komsberg Wind Farms (Pty) Ltd	2.1 Acknowledged.

**SCOPING PHASE COMMENTS AND RESPONSES**

	Commentator	Comment	Respondent	Response
		<p>2.2 Please register this office as a commenting authority and forward hardcopies of the fauna and flora specialist study and other relevant documentation for comments.</p> <p>2.3 Please indicate the total area to be cleared of vegetation and affected vegetation types i.e. sizes of the foundations to be installed per turbine (total of 55 turbines per project), the 8m x 40 km access roads, 100 x 150m onsite substation, and a 35km (Komsberg West) and 55km (Komsberg East) 132 kV powerlines. Please also clearly indicate what portion of the development footprints fall in the Northern Cape.</p> <p>2.4 Kindly assess the potential impacts on protected trees and plants (if any). Infrastructure placement should take cognisance of the presence of plants of special concern (i.e. endemic, protected, specially protected species) and avoid it as far as possible. Where impacts cannot be avoided, the necessary permits and/or licenses should be obtained prior to disturbance of any listed species.</p>		<p>2.2 The Department has been registered as an I&amp;AP and will be kept up to date with the progress of the project.</p> <p>2.3 The Department will be advised as the total area to be cleared of vegetation for the proposed Komsberg East and West WEFs and their associated grid connections. The portion that falls within the Northern Cape will also be estimated.</p> <p>To facilitate a better understanding at this time, the map attached/below indicates which portion of the site falls within the Northern Cape (a portion of Komsberg West WEF, Komsberg East and West Grid Connections).</p>  <p>2.4 A flora specialist has completed a Scoping Study which has highlighted potential impacts on flora. The specialist will visit the sites during the EIA Phase and will conduct a detailed survey to understand and assess the potential impacts on protected trees and plants, and to recommend mitigation measures where possible. The findings of this survey will be included in the Environmental Impact Assessment Report. You will be made aware of the availability of this report.</p>
11	<p><b>Johann Biesenbach – De Fonteine Trust</b></p> <p><b>Interest in this project: Owner of the</b></p>	<p>The Background Information Document (BID) and Draft Scoping Report (DSR) for the above-mentioned proposed project(s) have reference.</p>	<p>EIMS/Arcus/K omsberg Wind Farms (Pty) Ltd.</p>	<p>1. Thank you for registering as an I&amp;AP. Your name and contact details will be added to the database, and you will be kept up to date with the progress of the proposed projects.</p>

**SCOPING PHASE COMMENTS AND RESPONSES**

	Commentator	Comment	Respondent	Response
	<p><b>Neighbouring property Koorndraats no: 41</b></p> <p><b>16 September 2015</b></p>	<p>1. I hereby request to be registered as an Interested and Affected Party (I&amp;AP) for these projects(s), as well as all other applications for environmental authorisation or licenses which relates to these projects: Interest in this project: Owner of the neighbouring property Koorndraats no: 41</p> <p>2. The above-mentioned DSR is fatally flawed as is described in more detail below. A Revised DSR should be prepared and made available for public comment, which should include additional information as described below.</p> <p>3. One of the most significant potential impacts associated with this proposed project relates to transport and traffic. We note the inclusion of <b>transport impacts under "Social Impacts", as per DSR Vol. I, Section 11.2.8.</b> This is however fatally flawed, since traffic impacts not be properly assessed by a social scientist. It will have to be assessed by a suitably qualified and registered specialist traffic and transport engineer.</p> <p>4. Vol. II, pg. 82 of the DSR furthermore states that information pertaining to the transportation and assembly of the large components of the wind energy facility to and on the site, will be sourced and used to inform the Social Impact Assessment. This approach is also fatally flawed, since the potential impacts associated with traffic and transport cuts across various specialist study disciplines of the EIA process, such as the Visual, Freshwater Ecology, Heritage Archaeology and Palaeontology, Noise, and Fauna and Flora Specialist Reports. A complete project description, which include detail such as the types, sizes, trip volumes, all route alternatives, etc. for the construction and operational phase vehicles, as well as required road upgrades and new bridges, should therefore be made available to all project specialists during the Scoping Phase to enable proper assessment.</p> <p>5. The Specialist Transport and Traffic Impact Assessment should include and assess the following, as a minimum:</p> <p>5.1 The types, sized and estimated number of trips of all vehicles and equipment (including cranes, etc.) that will travel, and be transported to, the development area during the construction and operational phases. This should include the size of wind turbine components.</p> <p>5.2 Describe and assess the exact access routes, including route alternatives to be assessed during the EIA process – from the ports where the equipment will presumably be delivered to the development site(s) itself, as well as internal transport on the site(s).</p> <p>5.3 Describe the minimum road and slope conditions needed for transport of the above machinery and equipment, including minimum turn angles, road surfaces, road slopes, etc. From the road network (DSR Vol. I, Fig. 1.5) and the slope analysis (DSR Vol. I, Fig. 1.6) information provided in</p>		<p>2 and 3. The intent of the DSR is to document potential issues/impacts which will need to be further investigated during the EIA Phase. The DSR has acknowledged traffic and transport as an issue by the social specialist. A traffic and transport management plan will be submitted as part of the Environmental Impact Assessment Report, which will be compiled during the EIA Phase of this project. This plan will be informed by the engineers and well as other specialists.</p> <p>4. During the EIA Phase, all specialists will be informed of the complete project description, including information regarding the transportation and assembly of the components of the WEFs and grid connections. All specialists will assess impacts thereof, as relevant to their field of study.</p> <p>5. (5.1 – 5.3; 5.6). Road geometry (turns and slopes etc) has been considered in the preliminary road layout but will be further developed in the EIA Phase. The traffic and transport management plan will address these issues.</p>



**SCOPING PHASE COMMENTS AND RESPONSES**

	Commentator	Comment	Respondent	Response
		<p>the DSR, it is incomprehensible to us how the developer plans to transport the extremely large equipment and turbines components (e.g. 70m long rotor blades) around the sharp angles and up steep slopes to access the development site(s).</p> <p>5.4 Should we assume that helicopters will be used to deliver some of the equipment? We could not find any reference to this in the DSR. If so, this is a very significant aspect which need to be added to the project description as a matter of urgency. The potential inter-disciplinary impacts of using helicopters during the construction (and potentially operational) phases should also be included in the terms of references and assessed in detail by all relevant specialists (such as the Noise, and Fauna and Flora Specialist Reports, etc.).</p> <p>5.5 Describe the required new and/or upgradings to river crossings and bridges along the entire route (for all alternatives).</p> <p>5.6 Describe construction and operational phase road improvement and maintenance impacts and requirements, as well as the parties responsible for such improvements and maintenance.</p> <p>6. The only way to obtain access to the eastern sector of your proposed development, will be via the servitude road that runs past my property. This 2-spoor track road runs directly adjacent to my homestead as well as a grave yard on my farm yard. This servitude road serves our neighbour, the Farm Anysrivier. The current situation is acceptable, since only about one vehicle passes here per week. Any additional traffic on this road will be an extreme nuisance to us, and will impact on the safety of us and our children, noise and dust impacts, etc. There is furthermore significant restrictions along this road (such as our house, the graveyard, etc.), which will limit the road from being widened to 20 m during construction, or even 6 to 8 m during operation (DSR Vol. I, pg. 13 refers).</p> <p>7. The gravel roads serving this area were severely damaged during the recent upgrading of the Eskom power lines between Laingsburg and the Moordenaars Karoo. We, the landowners, were merely told that there is no money, and that no one will pay to repair the road. This was only a once-off installation. What will happen to this road during this major proposed construction project, as well as the long-term maintenance during the operational phase?</p> <p>8. The Fauna and Flora Specialist Scoping Report refers to the <b>“possibility”</b> of the Critically Endangered Riverine Rabbit <i>Bunolagus monticularis</i> occurring in the study area. We have photographic evidence that Riverine Rabbit do occur in the area – a Riverine Rabbit that was recently killed by an Eskom contractor vehicle on a road in the area. We also confirm the presence of Bat-eared Fox <i>Otocyon megalotis</i> in this area, which are also often hit by traffic, especially at night. The very important inter-disciplinary</p>		<p>5.4. Helicopters will not be used to transport components.</p> <p>5.5 This will be documented in the Environmental Impact Assessment Report.</p> <p>6. The route for proposed construction traffic will be investigated in consultation with landowners and affected parties and confirmed in the Traffic and Transport Management Plan. The relevant specialists will assess the impact during the EIA Phase and recommend mitigation measures if necessary.</p>

**SCOPING PHASE COMMENTS AND RESPONSES**

	Commentator	Comment	Respondent	Response
		<p>link between traffic and transport impacts and other specialist studies, as referred to above, is furthermore illustrated with this very significant impact of traffic on fauna in the project area.</p> <p>9. It is pertinent that a very detailed study be undertaken of the presence and population size of Riverine Rabbit <i>Bunolagus monticularis</i> in the project area, together with a detailed assessment of potential traffic and transport impacts on this specie.</p> <p>10. We attach an extremely high value to the sense of place offered by this area. This sense of place, which mainly relates to the silence and lack of development in this area, stands to be significantly jeopardised by this proposed development. The potential impact of the proposed development on our sense of place should be assessed in detail. We highlight that sense of place is a complex and multi-disciplinary concept, which cannot be merely assessed as a one-dimensional issue related to landscape change as part of the Visual Impact Assessment.</p> <p>11. The visual impact of the proposed development on the currently undeveloped and serene horizon will also be significant and should be assessed in detail.</p> <p>12. Please add our property to your map (DSR, Volume I, and Figure 8.9) as a noise sensitive receptor, and assess the potential impact of noise on our far yard in detail.</p> <p>13. We are also very concerned about the potential impacts of this development on rare bird species that only occur in the Moordenaars Karoo area.</p> <p>14. In the light of the above comments, especially the lack of a specialist Traffic and Transport Engineer on the project team, and the lack of terms of reference for a specialist Traffic and Transport Impact Assessment in the DSR, we argue that the DSR is incomplete, and does not comply with the legislative minimum requirements for the content of a Scoping Report, as is described in Appendix 2 of the EIA Regulations of 2014. A Revised DSR should be prepared and made available for another round of public comment (30 days minimum).</p>		<p>7. The applicant proposes to upgrade and maintain the roads that would be needed for the construction phase and the operation phase as may be required.</p> <p>8. The fauna and flora specialist will document all impacts on rare fauna and flora species, including the Riverine Rabbit, and the Bat-eared fox, and specialists will assess the significance of these impacts. All specialists will assess impacts of traffic as relevant to their field of study.</p> <p>9. Refer above.</p> <p>10. Sense of place has been raised as a potential impact, by the social, visual and heritage specialists and it will be investigated further and assessed during the EIA Phase.</p> <p>11. A full Visual Impact Assessment will be conducted during EIA Phase.</p> <p>12. The noise specialist will add your property as a noise sensitive receptor, and will assess the potential impact of noise on your farmstead.</p> <p>13. A 12-month pre-construction monitoring avifauna study is underway to determine what bird species occur in the areas, and what the possible impacts on bird species would be. The avifauna study will look at and consider all species found in the surveys, as well as any additional species potentially occurring based on available historical data sets.</p> <p>14. The DSR complies with Appendix 2 of the 2014 EIA Regulations as is indicated in <i>Table 7-1: Legislative</i></p>

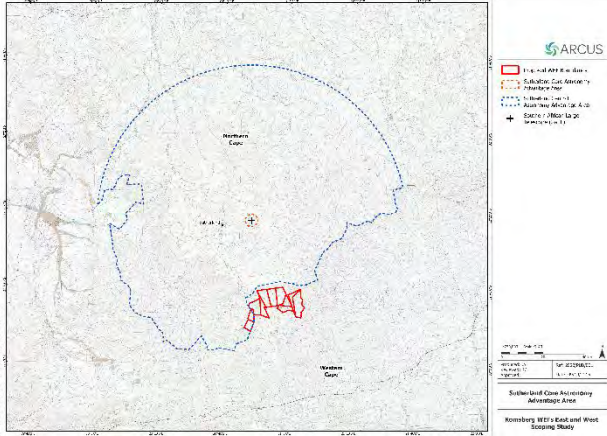
**SCOPING PHASE COMMENTS AND RESPONSES**

	Commentator	Comment	Respondent	Response
				<p><i>Requirements for the Content of this Scoping Report.</i> The issues raised, including the Traffic and Transport Management Plan, will be investigated and assessed by the relevant specialists during the EIA Phase.</p>
<p><b>12</b></p>	<p><b>Hettie Buys</b>  <b>Department of Agriculture, Forestry and Fisheries</b>  <b>18 September 2015</b></p>	<p>We received a letter on the 8th September in connection of a Notification of Environmental Impact Assessment Process.</p> <p>We need a Title Deed &amp; Locality Map to proceed the application.</p>	<p>EIMS/Arcus</p>	<p>Thank you for responding to the notification. Please find attached the two relevant locality plans for the proposed Komsberg East Wind Energy Facility and the proposed Komsberg West Energy Facility.</p> <p>The title deeds of all the properties involved will be included as an Appendix in the Environmental Impact Assessment Report. Please note that this is not an application for a Water Use License, and it is a notification of an EIA process, to which DAFF is a key stakeholder.</p>
<p><b>13</b></p>	<p><b>Philip O'Quigley</b>  <b>CEO - Falcon Oil &amp; Gas Ltd</b>  <b>Anne Flynn</b>  <b>Group Financial Controller</b>  <b>29 September 2015</b></p>	<p>Cover email:</p> <p><b>Please find attached Falcon Oil &amp; Gas Ltd.'s response to the environmental impact assessment process and public participation process regarding the proposed Komsberg East and West Wind Energy Facilities.</b></p> <p>We would like to be registered as an interested and affect party. I would also be grateful if you could provide us with the background information document.</p> <p>Can you please let us know the next steps and when its expected the interested and affected parties will be engaged with.</p> <p>-----</p> <p>Attached Letter:</p> <p>We wish to comment on the environmental impact assessment process and public participation process regarding the proposed Komsberg East and West Wind Energy Facilities in the Western and Northern Cape Provinces. We also request that we are registered as an interested and affected party with due consideration to be given to Section 2(4)(g) of the National Environmental Management Act.</p> <p>Interest</p> <p><b>Falcon Oil &amp; Gas Ltd ("Falcon") is the holder of a Technical Co-operation Permit ("TCP") with reference number 12/2/013/1, issued in terms of section 77 of the Mineral and Petroleum Resources Development Act 28 of 2002 ("the MPRDA") over an area of 30,326.958 square kilometres in the Western Karoo. Falcon was issued with a TCP on 27 August 2009 and applied for exploration rights on 31 August 2010. As the holder of a TCP, Falcon has, in terms of section 78 of the MPRDA, the exclusive right to apply for and be granted an exploration right.</b></p>	<p>EIMS/Arcus/  Komsberg  Wind Farms  (Pty) Ltd</p>	<p>Thank you very much for responding to the notification regarding the proposed Komsberg Wind Energy Facilities EIA project. Falcon Oil &amp; Gas Ltd has been registered as an Interested and Affected party on the database, and will be kept up to date with the progress of the proposal. Your comments have been received and forwarded to the project team for consideration, and we will respond to you on their behalf shortly.</p> <p>Please find attached the Background Information Document for the proposed project.</p> <p>With respect to process, should the Department of Environmental Affairs accept the Scoping Report, specialists will continue with their studies, the findings of which will be incorporated into Environmental Impact Assessment reports, which will be made available for public review. A public event will be held during this time (anticipated early next year) to present the findings of these studies and obtain public feedback. As registered I&amp;APs, Falcon will be notified of these steps within the process.</p> <p>-----</p> <p>Falcon Oil &amp; Gas Ltd (Falcon) has been registered as an I&amp;AP and will be kept up to date with the progress of the process.</p> <p>The fact that Falcon is a holder of a TCP, and is an applicant for exploration rights, is acknowledged, as are statements pertaining to possible conflicts as between the exploration</p>

**SCOPING PHASE COMMENTS AND RESPONSES**

	Commentator	Comment	Respondent	Response
		<p>Views and Concerns</p> <p>The establishment of the Komsberg East and West Wind Energy Facilities on land in respect of which Falcon holds a TCP and expects to explore severally curtails Falcon's ability to exercise these rights to the fullest extent. Following the award of the TCP to Falcon in October 2009, Falcon submitted its application for a license over the 30,329 square kilometres in the Western Karoo. As part of this submission Falcon has identified specific seismic lines which were deemed to be of optimal location for the exploration project it proposes to undertake. Some of these seismic lines lie in the same location as the Komsberg East and West Wind Energy Facilities.</p> <p>From an exploration point of view, Falcon's proposed seismic survey, to be conducted in the second year of its exploration program, was planned on lands with no major industrial and/or civil activities in the vicinity of the proposed seismic lines. From a technological point of view, the seismic method involves imaging the sub-surface by transmitting seismic waves towards the earth's interior and then recording the reflected seismic waves. Noise generated in the neighbourhood of a seismic line will disturb seismic data acquisition and hamper the high-resolution and good quality imaging of the underlying geological strata. Construction or daily operation of a windfarm will generate high levels of ground vibration and above surface noise that would obstruct Falcon's seismic data gathering.</p> <p>The location of the planned Komsberg East and West Wind Energy Facilities are particularly unfavourable as:</p> <ol style="list-style-type: none"> <li>1) They are located on one of the best shale gas "sweet spots" (areas with excellent hydrocarbon prospectivity) in the entire Karoo basin and;</li> <li>2) They separate the western and central sectors of Falcon's TCP area making regional geological correlation challenging.</li> </ol> <p>From a field development point of view the adverse effect of the Komsberg East and West Wind Energy Facilities on Falcon's planned shale gas project is far more significant. It is physically impossible for the surface footprint of an operating windfarm and the surface footprint of a shale gas development to co- exist. Drilling activities, infrastructure development, gas transmission (pipelines), etc. would all be so severely curtailed to render the co-existence with densely populated windmill platforms in the area impossible. To our knowledge, there is no location in any part of the world where such projects do co- exist.</p> <p>The impact of the proposed wind farm on Falcon's rights and proposed activities needs to be assessed as part of the EIA process. A proposed</p>		<p>and development of a shale gas project and wind energy facilities.</p> <p>The routes of the proposed Falcon seismic lines will be established and their locality relative to proposed wind turbine positions will be ascertained.</p> <p>A specialist will be appointed to assess the possible impacts of noise and vibration generated during the construction phase of the WEFs and/or the noise and vibrations generated by the turbines during operations on seismic data gathering by Falcon, and to propose suitable mitigation.</p> <p>Given the suggested timing of the Falcon seismic survey, it is quite possible that this will precede wind farm construction, however, this will need definitive investigation.</p> <p>The specialist will also investigate and report on the co-existence of WEFs and shale gas field developments and operations, and consider the suggested impacts of the proposed WEFs on shale gas field development and operations. Mitigation will also be proposed.</p> <p>The method of assessment will be documented in the EIA Report which will be made available for public review and competent authority review.</p>

**SCOPING PHASE COMMENTS AND RESPONSES**

	Commentator	Comment	Respondent	Response
		method of assessment should be developed in consultation with interested parties and approved by the competent authority.		
14	<p><b>Dr Ramotholo Sefako</b>  <b>Head of Telescopes Operations, SAAO</b>  <b>South African Astronomy Observatory (SAAO)</b>  <b>30 September 2015</b></p>	<p>The South African Astronomy Observatory (SAAO) would like to register as an Interested &amp; Affected Party given that part of the proposed Komsberg East and Komsberg West Wind Energy Facilities fall within the Sutherland Central Astronomy Advantage Area (CAAA), which is declared under the Astronomy Geographic Advantage (AGA) Act of 2007.</p> <p>Our main concerns with regard to wind energy developments around Sutherland CAAA is related to the night lighting of the wind turbines and dust that will be generated during construction, both of which affect the quality of the night sky, and therefore likely to have a negative impact on optical astronomy at SAAO and Southern African Large Telescope (SALT) at Sutherland.</p>	EIMS/Arcus	<p>Thank you for registering as an I&amp;AP. The SAAO will be kept up to date with the progress of the proposal.</p> <p>A portion of the proposed Komsberg WEST WEF falls within the CAAA as is indicated in the map below.</p>  <p>At this stage of the design process, it is anticipated that 8-10 wind turbine generators could be located on the edge of the CAAA area. The final proposed design will be investigated in further detail during the EIA process.</p> <p>The issues regarding dust during construction and night lighting will be assessed during the EIA Phase of this proposal. An option that is being considered for the wind turbines is the use of Pilot Activated Lighting, which means that all night lighting would only be functional when an aircraft flies over the site.</p>
15	<p><b>HJ Buys</b>  <b>PP Director: Land Use And Soil Management</b>  <b>Directorate: Land Use and Soil Management</b></p>	<p>This serves as a notice of receipt and confirms that your application has been captured in our electronic AgriLand tracking and management system. It is strongly recommended that you use the on-line AgriLand application facility in future.</p> <p>Detail of your application as captured:                      Application type: EIA:                      Your reference number:                      Property Description: Komsberg east &amp; West Wind Energy Facilities</p>	EIMS/Arcus	Acknowledged.



**SCOPING PHASE COMMENTS AND RESPONSES**

	<b>Commentator</b>	<b>Comment</b>	<b>Respondent</b>	<b>Response</b>
	<b>Department of Agriculture, Forestry and Fisheries</b> <b>6 October 2015</b>	Dated: October 2015 Please use the following reference number in all enquiries: AgriLand reference number: 2015_10_0043		
<b>16</b>	<b>Karoo Hoogland Munisipaliteit Administrasie</b> <b>09 October 2015</b> <b>Christelle Viljoen</b> <b>(Administratiewe Beampte: Korporatiewe Dienste)</b> <b>Karoo Hoogland Munisipaliteit</b>	Please register Karoo Hoogland Municipality as an Interested Party.	EIMS	Thank you very much for responding to the notification regarding the proposed Komsberg Wind Energy Facilities EIA project. The Karoo Hoogland Municipality has been registered as an Interested and Affected Party, and will be kept up to date with the progress of the project.
<b>17</b>	<b>Johann Biesenbach – De Fonteine Trust</b> <b>Interest in this project: Owner of the neighbouring property</b> <b>Koornplaats no: 41</b> <b>Telephonic Conversation Record</b> <b>8 October 2015</b>	<b>Conversation Record</b> "Francois Barnard (EIMS) contacted Mr Johann Biesenbach to ascertain which bird species he was referring to in his comment where he had indicated that he was concerned about the rare bird species that are only found in the Moordenaars Karoo. Mr Biesenbach indicated that he had a bird specialist at the farm a couple of years ago that provided him with a list of rare bird species in the area. Mr Biesenbach however indicated that he currently does not have the information with him to supply to EIMS as he is in Stellenbosch and not on the farm.  Mr Biesenbach additionally raised concerns about the width, location and obstacles in the way of the proposed access road.	EIMS/Arcus	The potential impacts of the proposed development on the access road will be investigated and assessed during the EIA Phase.  Mr Biesenbach was invited to submit his list of bird species to the avifauna specialists at any time during the process, should he so wish to.
<b>18</b>	<b>Johan Bothma</b> <b>Hoofbestuurder / General Manager</b> <b>AgriWeskaap</b> <b>9 October 2015</b>	Die bostaande inligting is via Agri SA ontvang. Ongelukkig is die faks afskrif wat ons ontvang het uiters swak en dui op onprofessionele benadering <b>deur u as instansie wat daarby betrokke is om I&amp;AP's oor die bostaande projek in te lig.</b> Dit is jammer dat die landelike gemeenskap en spesifiek die landbou sektor op die wyse misken word.  <b>Ons versoek hiermee dat 'n duidelike elektroniese afskrif van beide die Afrikaanse en Engelse dokumente (insluitende kleur kaarte) van die beoogde projek aan Agri Wes-Kaap (carl@awk.co.za en johan@awk.co.za) te voorsien dat ons kan oordeel watter van ons affiliasies daaroor ingelig moet word en terselfdertyd daarvoor as I&amp;AP te registreer.</b>  U dringende hantering sal waardeer word.	EIMS/Arcus	Thank you for your registration as an I&AP for this proposed project. Your details will be added to the I&AP database, and you will be kept informed of its progress. We sincerely apologise for the quality of the fax notification, and note that this in no way is an indication of the value that is placed on any I&APs. All I&APs are considered equally valuable and their feedback is a vital component to the EIA Process.  Please note that the comment period on the Draft Scoping Report closed on the 1st October 2015, however all I&APs will continue to be registered. There will also be further

**SCOPING PHASE COMMENTS AND RESPONSES**

	Commentator	Comment	Respondent	Response
		<p><b>Translation:</b></p> <p>The abovementioned information was received via Agri SA. Unfortunately the copy of the fax received is of low quality and is indicative of an unprofessional approach by you as an institution associated with it to notify I&amp;APs of the abovementioned project. It is unfortunate that the rural community and specifically the agricultural sector are being undervalued in this way.</p> <p>We are requesting that a clear electronic copy of both the Afrikaans and English documents (including colour maps) of the proposed project be submitted to Agri Western Cape and for us to ascertain which of our affiliates should be informed and at the same time register as I&amp;APs.</p> <p>Your urgent handling of this matter would be appreciated</p>		<p>opportunities to comment in detail on the proposal during this process.</p> <p>Please find attached copies of the Background Information Document for your review and comment, and please do not hesitate to contact us should you have any further comments or questions.</p>
<p><b>19</b></p>	<p><b>M L Watters for Chief Director: Road Network Management.</b></p> <p><b>Western Cape Government: Transport and Public Works</b></p> <p><b>28 September 2015</b></p>	<ol style="list-style-type: none"> <li>1. Your e-mail sent on 28 August 2015 refers.</li> <li>2. Komsberg Wind Farms (Pty) Ltd proposes the construction of 110 wind turbines approximately 60 km North of Laingsburg.</li> <li>3. This Branch would like to register as an Interested and Affected Party.</li> <li>4. The proposal affects Provincial Roads Trunk Road 20/1, Divisional Road 1481, 1484 and 2247, and Minor Roads 8406, 8051, and 8049 and possibly other proclaimed roads (dependent on routes takes by construction and delivery vehicles).</li> <li>5. This Branch offers the following initial comment on the proposed project and will provide further comment on the LUPO application. In terms of Act 21 of 1940 and Ordinance 19 of 1976, the following conditions apply:             <ol style="list-style-type: none"> <li>5.1 A building restriction line of 95m is applicable along trunk, main and divisional roads and is measured from the centreline of the road reserve.</li> <li>5.2 A building restriction line of 500m is applicable from the centreline of intersecting trunk, main, and divisional roads and where these roads intersect other roads.</li> <li>5.3 No advertising of any nature is allowed on the turbine structures.</li> <li>5.4 Turbines should be located a distance equal to or greater than their toppling distance plus 5m from the road reserve boundary.</li> <li>5.5 Turbines shall be located far enough from the road reserve boundary so that they do not present a distraction to motorists and this Branch may require the applicant to engage the services of a Traffic Engineer to assess such impact once the location of the wind turbines have been determined.</li> <li>5.6 A 5m building line is applicable.</li> <li>5.7 A Traffic Impact Assessment (TIA) will be required when the LUPO application is made. Amongst the usual items that the TIA addresses it should also consider the impact on road infrastructure and what</li> </ol> </li> </ol>	<p>Arcus/ Komsberg Wind Farms (Pty) Ltd</p>	<p>Thank you for your registration as an I&amp;AP for this proposed project. Your details will be added to the I&amp;AP database, and you will be kept informed of its progress.</p> <p>All restrictions noted in the comment will be taken into account during the design of the facility. A transport management plan shall be included in the Environmental Impact Assessment Report, and shall document any impacts on road infrastructure and it shall list maintenance measures required during construction and decommissioning of the facility.</p>

**SCOPING PHASE COMMENTS AND RESPONSES**

	<b>Commentator</b>	<b>Comment</b>	<b>Respondent</b>	<b>Response</b>										
		maintenance measures may be required during construction and decommissioning of the facility.												
<b>20</b>	<p><b>Western Cape Government Department of Health</b></p> <p><b>MP Abrahams</b></p> <p><b>DISTRICT MANAGER: EDEN DISTRICT</b></p> <p><b>DATE: 14 October 2015</b></p>	<p>You are kindly requested to register the following officials as I&amp;AP's</p> <p>MP Abrahams WCG Health (Eden District Office) Mr G. van Zyl Central Karoo District Municipal Health Services</p>	EIMS/Arcus	<p>Thank you for responding to the notification regarding the proposed Komsberg Wind Energy Facilities EIA project. The Western Cape Department of Health has been registered as an Interested and Affected Party as per the contact details provided, and will be kept up to date with the progress of the project.</p>										
<b>21</b>	<p><b>Johan Bothma</b></p> <p><b>15 October 2015</b></p>	<p>Thanks for your swift reply, we do appreciate.</p> <p>Agri Western Cape (AWC) as a federal organisation whom acts on behalf of commercial farmers within the Western Cape Province. Farmers are <b>voluntary members of Agricultural Association (100 plus of AA's) in the rural country side of our province whom all affiliate to AWC. We therefore like to ask you to add the following farmer's associations and representatives as I&amp;AP for this project, namely:</b></p> <ol style="list-style-type: none"> <li>1. Merweville AA: Marie Bothma, Secretary.</li> <li>2. Laingsburg AA: Andries le Roux.</li> <li>3. AWC Regional Representative: Charles Muller.</li> </ol> <p>It will be appreciated if all documentation on this project be send in both Afrikaans and English to the abovementioned persons. Please confirm.</p>	EIMS/Arcus	<p><b>Thank you for your email. EIMS shall register the farmers' associations and their named representatives as I&amp;APs, and they too shall be kept informed of the progress of the proposal. Please note that it is the responsibility of the representative of an organisation to keep his constituents informed.</b></p> <p>All notifications regarding the proposal shall be made available in both English and Afrikaans, and the full Executive Summaries of the Environmental Impact Assessment Reports shall also be made available in English and Afrikaans.</p>										
<b>22</b>	<p><b>Erna van Zyl</b></p> <p><b>Chief Town and Regional Planner</b></p> <p><b>Spatial Planning and Land Use Management Services</b></p> <p><b>Department: Rural Development &amp; Land Reform</b></p> <p><b>22 October 2015</b></p>	<p>Thank you for the BID document related to the Komsberg.</p> <p>Please register the National Department of Rural Development and Land Reform (DRDLR) as an I&amp;AP (Western Cape: Erna van Zyl and Northern Cape: Janco du Plessis/Gerhard du Bruyn) in the process.</p> <p>Please note that the farm descriptions were not included in the BID document.</p>	EIMS/ARCUS	<p>Thank you for your correspondence and registration. Yourself and Mssrs du Plessis and du Bruyn will be added to the I&amp;AP database and will be kept up to date with the progress of the project. Please note that the Draft Scoping Report was made available on <a href="http://www.eims.co.za">www.eims.co.za</a> and <a href="http://www.arcusconsulting.co.za">www.arcusconsulting.co.za</a> websites for review, and this Draft Report included the information regarding the farms involved. We have however, for your convenience, included a table below which reflects the farms names and numbers. Please do not hesitate to contact us should you have any queries.</p> <table border="1"> <thead> <tr> <th><b>Property Name</b></th> <th><b>Erf number</b></th> <th><b>Portion</b></th> <th><b>SG number</b></th> <th><b>Size (hectares)</b></th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>	<b>Property Name</b>	<b>Erf number</b>	<b>Portion</b>	<b>SG number</b>	<b>Size (hectares)</b>					
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**SCOPING PHASE COMMENTS AND RESPONSES**

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23	<p><b>Owen Peters</b> <b>Land Development</b> <b>(Brackenfell) Eskom</b></p>	<p>The application affects and existing overhead powerline in the specified area. This department has no objection against the proposed EA application subject to the following:</p>	EIMS/Arcus	Noted. The applicant will adhere to these conditions.																																																																	

**SCOPING PHASE COMMENTS AND RESPONSES**

	Commentator	Comment	Respondent	Response				
	<p><b>22 October 2015</b></p>	<p>a) The following building and tree restriction on either side of the centre line of the overhead power line must be observed.</p> <table border="1"> <tr> <td>Voltage</td> <td>Building restriction on either side of the centre line</td> </tr> <tr> <td>66kV</td> <td>11m</td> </tr> </table> <p>b) That existing Eskom power lines and infrastructure are acknowledge as established infrastructure on the properties and any rerouting or relocation would be for the cost of the applicant/developer.</p> <p>c) That Eskom rights or servitude, including agreements with any of the landowners, obtained for the operation and maintenance of these existing power lines and infrastructure be acknowledge and honoured throughout its lifecycle which include, but are not limited to:</p> <ul style="list-style-type: none"> <li>i. Having 24 hour access to its infrastructure according to the rights mentioned in (a) above;</li> <li>ii. To perform maintenance (structural as well as servitude – vegetation management) on its infrastructure according to its maintenance programmes and schedule;</li> <li>iii. To upgrade or refurbish its existing power lines and infrastructure as determined by Eskom;</li> <li>iv. To perform any other activity not listed above to ensure safe operation and maintenance of the Eskom power lines or infrastructure.</li> </ul> <p>d) Any development which necessitates the relocation of Eskom’s services will be to the account of the developer.</p> <p>e) A wayleave application shall be submitted to this department before any construction work commences on the property.</p> <p><b>Occupational Health and Safety Act (Act no 85 of 1993) with regulations</b></p> <p><b>D16 (7) Excavations</b></p> <p>“The builder shall ascertain as far as possible the location and nature of underground services likely to be affected by the excavation and take such steps as may be necessary to prevent danger to persons.”</p> <p><b>The Electricity Act (Act No 41 of 1987)</b></p> <p><b>Section 27 (3) Offices and Penalties</b></p> <p>“Any person who without legal right ( the proof of which shall be upon him) cuts or damages or interferes with any apparatus for generating, transmitting, or distributing electricity, shall be guilty of an offence and</p>	Voltage	Building restriction on either side of the centre line	66kV	11m		
Voltage	Building restriction on either side of the centre line							
66kV	11m							



**SCOPING PHASE COMMENTS AND RESPONSES**

	<b>Commentator</b>	<b>Comment</b>	<b>Respondent</b>	<b>Response</b>
		liable on conviction to a fine not exceeding R2000.00 or to imprisonment for a period not exceeding 12 months.”		
<b>23</b>	<b>Hester Lyons</b> <b>Control Industrial Technician</b> <b>Department of Water and Sanitation</b> <b>2 November 2015</b>	<p>During the evaluation of your report the following outstanding information is needed to make a final recommendation on the project.</p> <ol style="list-style-type: none"> <li>1. Please provide a list of the farms involved in the project with existing water use on each farm and indicate if the water use has been registered or not. Provide WARMS customer number if registered.</li> <li>2. Indicate the time period for construction in order for DWS to determine the daily usage.</li> <li>3. Clear map to indicate roads and river crossings that will be affected.</li> <li>4. Please provide a letter of Service Agreement with the municipality that will provide waste water services as mentioned in your report.</li> </ol>	EIMS/Arcus	<p>This information will be provided by the freshwater ecologist and applicant during the EIA Phase, and will be included in the Environmental Impact Assessment Reports for both the proposed Komsberg East and West WEFs, and it shall also be included within the Water Use Licence Applications/General Authorisations if these are required. No municipalities will be required to provide services for waste water. It will be managed by the applicant and disposed of as per the relevant legislation at the time.</p>
<b>24</b>	<b>Jessica Christie</b> <b>Department of Environmental Affairs and Development Planning</b> <b>25 November 2015</b>	<ol style="list-style-type: none"> <li>1. The abovementioned proposal and the draft Scoping Report (“DSR”) received by this Directorate in September 2015 refers.</li> <li>2. This letter serves as acknowledgment of receipt of the afore-mentioned information by this Department and to notify you of whom the case officer is for the commenting authority.</li> <li>3. Based on information contained in the DSR , this Directorate has the following notes and considerations that need to be taken into account with regard to the site layout and what impact this will have on the receiving environment and what limitations the receiving environment will have on the proposed layout of the development:             <ol style="list-style-type: none"> <li>3.1. Biophysical Impacts                 <ul style="list-style-type: none"> <li>• Potential impacts on surface water resources that occur in close proximity to the site and possible riparian zones.</li> <li>• Potential impacts of increased surface water run-off (viz. increased soil erosion) associated with the establishment of hard surfaces and vegetation clearing (mainly during the construction phase);</li> <li>• Potential impacts on ground and surface water quality due to hydrocarbon spillages from vehicles during the construction phase of the development;</li> <li>• Potential impacts on soils due to hydrocarbon spillages from vehicles during the construction and operational phase of the development;</li> <li>• Destruction of flora within the proposed area stemming from construction activities such as vegetation clearing and topsoil stripping within the site;</li> <li>• The disruption of ecological processes and loss of landscape connectivity must be addressed.</li> </ul> </li> </ol> </li> </ol>	EIMS/Arcus	<p>Reference Number: 6/3/3/6/4/2/1 /C1/5/0125/15</p> <p>The impacts raised have been documented and addressed in the required detail within the DSR. These will be investigated and addressed further, in line with the Department’s comments during the EIA phase. The findings will inform the proposed site layout and management plans for the project.</p> <p>The biophysical impacts mentioned will be determined by the following specialists studies during the EIA phase:</p> <ul style="list-style-type: none"> <li>• Freshwater Ecology;</li> <li>• Fauna and Flora; and</li> <li>• Noise.</li> </ul> <p>Socio-economic issues will be addressed in the Social Impact Assessment.</p> <p>Note that an agricultural potential study has been completed, the results of which are included in the Draft Scoping Report. This study noted that the agricultural potential of the area is low and that no further study needs to take place.</p> <p>The content of the Plan of Study for EIR includes aspects mentioned.</p>

**SCOPING PHASE COMMENTS AND RESPONSES**

	Commentator	Comment	Respondent	Response
		<ul style="list-style-type: none"> <li>• Faunal displacement mainly during the construction phase of the project; and adverse impacts on avifauna as a result of potential habitat loss, additional overhead power.</li> <li>• Potential impacts of the development on the soil and agricultural potential of the site.</li> <li>• Potential increase in dust and noise generation during the construction phase.</li> </ul> <p>3.2. Socio-Economic</p> <ul style="list-style-type: none"> <li>• Job creation during the construction and operational phases of the proposed project;</li> <li>• Develop education and training initiatives to enable the youth to develop skills especially in Science and Technology.</li> <li>• Potential impacts or risks to the viability or functioning of existing facilities or enterprises. The content of the Plan of Study for EIR should include abovementioned aspects.</li> </ul> <p>The content of the Plan of Study for EIR should include the above-mentioned aspects.</p> <p>4. This Directorate now awaits the final Scoping Report (FSR) in order to provide further comment.</p> <p>5. Kindly quote the abovementioned reference number in any future correspondence in respect of the application.</p> <p>6. The Department reserves the right to revise initial comments and request further information from you based on any new or revised information received.</p>		

**EIA PHASE COMMENTS AND RESPONSES**

<p><b>1</b></p>	<p><b>Lizell Stroh</b>  <b>Obstacle Specialist</b>  <b>PANS-OPS (Procedures for Air navigation Services – Aircraft Operations)</b>  <b>South African Civil Aviation Authority</b>  <b>Air Navigation Services</b>  <b>18 December 2016</b></p>	<p>The S. A. Civil Aviation Authority has taken note of your intention to develop a wind farm near Komsberg and requires the following information in order to assess the possible impact on aviation.</p> <ul style="list-style-type: none"> <li>• An formal application via Form CA139-26 – Wind Farm application, available electronically from the SACAA website (<a href="http://www.caa.co.za">www.caa.co.za</a>), follow link “Information for the industry” – drop down list – Obstacles- Forms.</li> <li>• Completion of the attached Excel spreadsheet – Property boundaries co –ordinates.</li> <li>• Completion of the attached Pylon geographic co-ordinates. Should these co-ordinates not be available at this stage, an indication of the planned route of the power evacuation lines to the point of connection with the national grid.</li> <li>• A live .kmz file (Google Earth or similar) indicating proposed planned turbine layout.</li> </ul>	<p>Arcus/EIMS</p>	<p>Komsberg Wind Farms (Pty) Ltd will supply this information to the SACAA.</p>
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**SCOPING PHASE COMMENTS AND RESPONSES**

	<b>Commentator</b>	<b>Comment</b>	<b>Respondent</b>	<b>Response</b>
		<p>In order to assist with the DEA process, the SACAA will, subject to the <b>proposed wind farm not presenting a hazard, issue a "in principle"</b> conditional approval on the receipt of the planned turbine layout which will be subjected to an in depth assessment in accordance with the Civil Aviation Technical Standards. Should the turbine layout change from that which has been provided initially, a new assessment would be required to be conducted. Kindly note, that the conditional approval will be valid for a period of 5 years from date of issue. On completion of the project and <b>receipt of "as built" detail and a statement of compliance to specified conditions</b>, the SACAA will provide a final approval.</p> <p>As the proposed site may be adjacent to areas of military interest, the SAAF will be included in the request for review, once the proposed site and wind farm information is made available for assessment. The SACAA refrains from commenting on a proposal, but will either conditionally support or disapprove the project; from an aviation perspective should the project create a hazard or obstacle to aviation in the area of the project.</p> <p>Following the receipt of the information, an invoice to cover the assessment will be generated and becomes payable before the assessment results will be released.</p>		
<b>2</b>	<p><b>Fatima Williams</b>  <b>Deputy Director:</b>  <b>Administration</b>  <b>Department of Rural Development and Land Reform</b>  <b>Commission on Restitution of Land Rights: Regional Land Claims Commission: Western Cape</b></p>	<p>Thank you we received the documents and have also copied Mr Smit into the communiqué for Operational Management to comment.</p>	Arcus	Acknowledged
<b>3</b>	<p><b>Benjamin Walton</b>  <b>CapeNature</b>  <b>Scientist: Land Use Advice: Scientific Services Division</b>  <b>Central Karoo &amp; Eden District Municipal Areas</b></p>	<p>CapeNature requires shapefiles of the project domains with a list of affected properties and all Wind Turbine positions (both alternatives) as well as all associated road networks for ease of reference, for the Komsberg Project. I have not received a CD or hardcopy of the main report and specialist studies for the Komsberg project.</p>	Arcus	<p>A copy of the Final Scoping Report for Komsberg has been sent to you. The Final EIRs for this project are not as yet available and it is anticipated that these reports will be available in April of this year. The shapefiles will be available then too. All information will be forwarded to you.</p>

**SCOPING PHASE COMMENTS AND RESPONSES**

	<b>Commentator</b>	<b>Comment</b>	<b>Respondent</b>	<b>Response</b>
	<b>7 March 2016</b>			

\*Note that contact details of I&APs have been removed from comments in the interests of privacy.

	<p style="text-align: center;"><b>SCOT</b></p>	<p style="text-align: center;"><b>Technology</b></p>
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Title: **Renewable Energy Generation Plant Setbacks to Eskom Infrastructure** Unique Identifier: **240-65559775**

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Area of Applicability: **Power Line Engineering**

Documentation Type: **Guideline**

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Disclosure Classification: **CONTROLLED DISCLOSURE**

**Compiled by**



**J W Chetty**  
**Mechanical Engineer**

Date: 20/02/2014

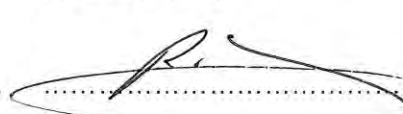
**Approved by**



**V Naidoo**  
**Chief Engineer (Lines)**

Date: 24/02/2014


**Authorised by**



**R A Vajeth**  
**Acting Snr Manager (Lines)**

Date: 27/2/2014

**Supported by SCOT/SC**



**R Vajeth**  
**SCOT/SC/ Chairperson**

Date: 27/2/2014

PCM Reference: 240-65132732 **LINE ENGINEERING SERVICES**

SCOT Study Committee Number/Name : **OVERHEAD LINES**



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## EXECUTIVE SUMMARY

In recent decades, the use of wind turbines, concentrated solar plants and photovoltaic plants have been on the increase as it serves as an abundant source of energy. This document specifies setbacks for wind turbines and the reasons for these setbacks from infrastructure as well as setbacks for concentrated solar plants and photovoltaic plants. Setbacks for wind turbines employed in other countries were compared and a general setback to be used by Eskom was suggested for use with wind turbines and other renewable energy generation plants.

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## **1. INTRODUCTION**

During the last few decades, a large amount of wind turbines have been installed in wind farms to accommodate for the large demand of energy and depleting fossil fuels. Wind is one of the most abundant sources of renewable energy. Wind turbines harness the energy of this renewable resource for integration in electricity networks. The extraction of wind energy is its primary function and thus the aerodynamics of the wind turbine is important. There are many different types of wind turbines which will all exhibit different wind flow characteristics. The most common wind turbine used commercially is the Horizontal Axis Wind Turbine. Wind flow characteristics of this turbine are important to analyse as it may have an effect on surrounding infrastructure.

Wind turbines also cause large turbulence downwind that may affect existing infrastructure. Debris or parts of the turbine blade, in the case of a failure, may be tossed behind the turbine and may lead to damage of infrastructure in the wake path.

This document outlines the minimum distances that need to be introduced between a wind turbine and Eskom infrastructure to ensure that debris and / or turbulence would not negatively impact on the infrastructure.

Safety distances of wind turbines from other structures as implemented by other countries were also considered and the reasons for their selection were noted.

Concentrated solar plants and photovoltaic plants setbacks away from substations were also to be considered to prevent restricting possible power line access routes to the substation.

## **2. SUPPORTING CLAUSES**

### **2.1 SCOPE**

This document provides guidance on the safe distance that a wind turbine should be located from any Eskom power line or substation. The document specifies setback distances for transmission lines (220 kV to 765 kV), distribution lines (6.6 kV to 132 kV) and all Eskom substations. Setbacks for concentrated solar plants and photovoltaic plants are also specified away from substations.

#### **2.1.1 Purpose**

Setbacks for wind turbines and power lines / substations are required for various reasons. These include possible catastrophic failure of the turbine blade that may release fragments and which may be thrown onto nearby power lines that may result in damage with associated unplanned outages. Turbulence behind the turbine may affect helicopter flight during routine Eskom live line maintenance and

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inspections that may lead to safety risk of the aircraft / personnel. Concentrated solar plants and photovoltaic plants setback away from substations were required to prevent substations from being boxed in by these renewable generation plants limiting line route access to the substations.

**2.1.2 Applicability**

This document is applicable to the siting of all new and existing wind turbines, concentrated solar plants and photovoltaic plants near power lines and substations.

**2.2 NORMATIVE/INFORMATIVE REFERENCES**

**2.2.1 Normative**

1. <http://www.envir.ee/orb.aw/class=file/action=preview/id=1170403/Hiiumaa+turbulence+impact+EMD.pdf>.
2. <http://www.energy.ca.gov/2005publications/CEC-500-2005-184/CEC-500-2005-184.PDF>
3. <http://www.adamscountywind.com/Revised%20Site/Windmills/Adams%20County%20Ordinance/Adams%20County%20Wind%20Ord.htm>
4. [http://www.dsireusa.org/incentives/incentive.cfm?Incentive\\_Code=PA11R&RE=1&EE=1](http://www.dsireusa.org/incentives/incentive.cfm?Incentive_Code=PA11R&RE=1&EE=1)
5. <http://www.wind-watch.org/documents/european-setbacks-minimum-distance-between-wind-turbines-and-habitations/>
6. <http://www.publications.parliament.uk/pa/ld201011/ldbills/017/11017.1-i.html>
7. [http://www.caw.ca/assets/pdf/Turbine\\_Safety\\_Report.pdf](http://www.caw.ca/assets/pdf/Turbine_Safety_Report.pdf)
8. Rogers J, Slegers N, Costello M. (2011) A method for defining wind turbine setback standards. Wind energy 10.1002/we.468

**2.2.2 Informative**

None

**2.3 DEFINITIONS**

Definition	Description
Setback	The minimum distance between a wind turbine and boundary line/dwelling/road/infrastructure/servitude etc.
Flicker	Effect caused when rotating wind turbine blades periodically cast shadows
Tip Height	The total height of the wind turbine ie. Hub height plus half rotor diameter (see Figure1)

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### 2.3.1 Disclosure Classification

**Controlled disclosure:** controlled disclosure to external parties (either enforced by law, or discretionary).

## 2.4 ABBREVIATIONS

Abbreviation	Description
None	

## 2.5 ROLES AND RESPONSIBILITIES

All personnel involved in the positioning wind turbines, concentrated solar plants and photovoltaic plants near power lines/substations must follow the setbacks outlined in this guideline.

## 2.6 PROCESS FOR MONITORING

Approval by Eskom in writing.

## 2.7 RELATED/SUPPORTING DOCUMENTS

None

## 3. DOCUMENT CONTENT

### 3.1 INTERNATIONAL SETBACK COMPARISON

Wind Turbine setbacks employed by various countries were considered. It was found that setbacks were determined for various reasons that include noise, flicker, turbine blade failure and wind effects. The distances (setbacks) varied based on these factors and were influenced by the type of infrastructure

Wind turbine setbacks varied for roads, power lines, dwellings, buildings and property and it was noted that the largest setbacks were employed for reasons of noise and flicker related issues [1-7]. Very few countries specified setbacks for power lines.

The literature survey [1-7], yielded information about studies and experiments were conducted to determine the distance that a broken fragment from a wind turbine might be thrown. Even though of low probability of hitting a power line [ $5.0 \times 10^{-5}$ ]<sup>[8]</sup>, the distances recorded were significant [750m]<sup>[8]</sup>

Setbacks were thus introduced to prevent any damage to Eskom infrastructure.

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Wind turbines may also cause changes in wind patterns with turbulent effects behind the hub. These factors dictate the wind turbine setbacks specified in this document.

Concentrated solar plants and photovoltaic plants also can limit access into the substation for power lines of all voltages. A setback distance must therefore be employed to prevent the substation from being boxed in by these generation plants. These setback distances are specified in this document.

### **3.2 ESKOM REQUIRED SETBACKS**

- Eskom requires a setback distance of 3 times the tip height of the wind turbine from the edge of the closest Eskom servitude (including vacant servitudes) for transmission lines.
- Eskom requires a setback distance of 1 times the tip height of the wind turbine from the edge of the closest Eskom servitude (including vacant servitudes) for distribution Lines.
- Eskom must be informed of any proposed wind turbine, concentrated solar plants and photovoltaic activity within a 5 km radius of a substation. No wind turbine structure shall be built within a 2 km radius of the closest point of the substation. Where concentrated solar plants and photovoltaic structures fall within a 2 km radius of the closest point of a substation, Eskom should be informed in writing during the planning phase of the construction of such plant or structure.
- Applicants must show that Eskom radio telecommunication systems (mainly microwave systems) will not be affected in any way by wind turbines.

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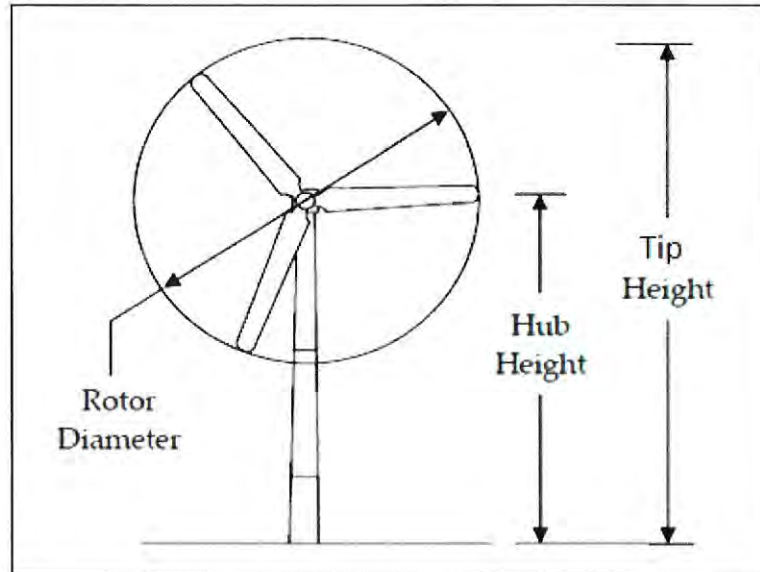


Figure 1: Horizontal Axis Wind Turbine <sup>[2]</sup>

**4. AUTHORISATION**

This document has been seen and accepted by:

Name & Surname	Designation
V Naidoo	Chief Engineer
Dr P H Pretorius	Electrical Specialist
J Geeringh	Snr Consultant Environ Mngt
B Haridass	Snr Consultant Engineer
R A Vajeth	Acting Snr Manager (Lines)

**5. REVISIONS**

Date	Rev.	Compiler	Remarks
November 2013	0	J W Chetty	First Publication - No renewable energy generation plant setback specification in existence

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## 6. DEVELOPMENT TEAM

The following people were involved in the development of this document:

Jonathan W Chetty (Mechanical Engineer)

Vivendhra Naidoo (Chief Engineer)

Dr Pieter H Pretorius (Electrical Specialist)

John Geeringh (Snr Consultant Environ Mngt)

Bharat Haridass (Snr Consultant Engineer)

Riaz A Vajeth (Acting Snr Manager (Lines))

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## **Appendix D8 Original comments**

**From:** Wildlife For All [mailto:wildlifeforall@hotmail.com]  
**Sent:** 31 August 2015 08:29 AM  
**To:** komsberg@eims.co.za  
**Subject:** Wind Farm at Komsberg

Dear Ms Hughes

We strenuously object to the wind farm project being proposed.

The "environmental assessment" was a farce. Nobody actually entered our land nor talked to us in detail; one person turned up, unannounced, just as our staff were leaving for our other nature reserve.

I wish to receive a copy of the Background Information Document.

Yours sincerely

Becky Scott  
Assistant Director  
The Wildlife For All Trust (owners of Komsberg Wilderness Nature Reserve, Sutherland District)



**Our Ref:** HM/ CENTRAL KAROO/ LAINGSBURG/ MOORDENAARS KAROO/  
KOMSBERG PASS

**Case number:** 15072103WD0727E

**Enquiries:** Waseefa Dhansay

**Tel:** 021 483 9533

**Email:** [waseefa.dhansay@westerncape.gov.za](mailto:waseefa.dhansay@westerncape.gov.za)

**Date:** 04 August 2015



Tim Hart  
ACO Associates  
8 Jacobs Ladder  
St James  
7945

**RESPONSE TO NOTIFICATION OF INTENT TO DEVELOP**  
**In terms of Section 38 (2) of the National Heritage Resources Act (Act 25 of 1999) and the**  
**Western Cape Provincial Gazette 6061, Notice 298 of 2003**

**PROPOSED KOMSBERG WIND ENERGY FACILITY, MOORDENAARS KAROO, ESCARPMENT, KOMSBERG PASS**

The above mentioned application was assessed by Heritage Western Cape. Since there is reason to believe that heritage resources will be impacted upon, HWC requires an HIA in terms of Section 38(2) of the NHRA (Act 25 of 1999) assessing the:

- Visual impacts the proposed development will have on its receiving environment being the cultural landscape and other resources of heritage significance.
- HWC noted that there is a strong possibility of finding heritage resources due to the scope area being rich in archaeology and paleontology. HWC requires further studies addressing archaeology and paleontology.
- The comments of the registered conservation bodies and the Municipality should also be requested.

Please feel free to contact this office for any other information.

Yours faithfully

Dr. E. Myburg

**Interim Chief Executive Officer**  
**Heritage Western Cape**

[www.westerncape.gov.za/cas](http://www.westerncape.gov.za/cas)

Street Address: Protea Assurances Building, Upper Market Street, Cape Town, 8001 • Postal Address: Protea Assurances Building, Upper Market Street, Cape Town, 8001  
• Tel: +27 (0)21 483 9533 • E-mail: [cas@westerncape.gov.za](mailto:cas@westerncape.gov.za)

Straatadres: Protea Assurancesgebou, Owerste Marktstraat, Kaapstad, 8001 • Posadres: Protea Assurancesgebou, Owerste Marktstraat, Kaapstad, 8001  
• Tel: +27 (0)21 483 9533 • E-pos: [cas@westerncape.gov.za](mailto:cas@westerncape.gov.za)



**From:** Gert Pretorius [mailto:[gpec12@telkomsa.net](mailto:gpec12@telkomsa.net)]  
**Sent:** 02 September 2015 11:53 AM  
**To:** 'Komsberg WEF'  
**Subject:** RE: Proposed Komsberg East and West Wind Energy Facilities Project

Dear Nobuhle,

Thank you for the e-mail.

My contact details:

Name: Gert Pretorius  
Trading as:  
ENVIRO LOGIC  
P. O. Box 3731  
Tyger Valley  
7536

Tel/ Fax: (021) 919 4048  
Cell: 082 458 9844  
E-mail: [gpec12@telkomsa.net](mailto:gpec12@telkomsa.net)

As mentioned I did ECO work for numerous projects in the Northern Cape and I would appreciate it if you can forward my details to the applicant for consideration for their supplier database.

Thank you.

Regards,

Gert Pretorius.

---

**From:** Lizelle Stroh [<mailto:Strohl@caa.co.za>]  
**Sent:** 07 September 2015 11:06  
**To:** Office <[office@arcusconsulting.co.za](mailto:office@arcusconsulting.co.za)>  
**Subject:** Komberg-Oos and West Wind Energy

The SACAA would like to register as an effected party, please find the SACAA procedure that needs to be followed for us to provide Comments/Consent/Approval to the above mentioned project.

There is a SACAA process whereby permission is applied for wrt obstacles which could pose an aviation hazard. More information can be obtained at <http://www.caa.co.za>. Click on information for industry 'Obstacles' on the LHS. Forms, Part 139-27 and submit on the form itself.

- Kindly provide a .kml (Google Earth) file reflecting the footprint of the proposed development site including the proposed overhead electric power line route that will evacuate the generated power to the national grid.
- Also indicate the highest structure of the project & the Overhead electric power transmission line.

Lizell Stroh  
Obstacle Specialist  
ASI: PD&C  
Tel: 011 545 1232 | Fax: 011 545 1282 | Cell: 083 461 6660 | Email: [strohl@caa.co.za](mailto:strohl@caa.co.za) | [www.caa.co.za](http://www.caa.co.za)  
Follow us on

-----Original Message-----  
From: Ntombizodwa Duma  
Sent: 07 September 2015 07:20 AM  
To: Lizelle Stroh  
Subject: Hi Lizelle, this came through our fax

Zodwa Duma  
Procurement Officer  
Supply Chain Management  
Tel: 011 545 1262 | Fax: 011 545 1455 | Cell: 083 461 6133 | Email: [duman@caa.co.za](mailto:duman@caa.co.za) | [www.caa.co.za](http://www.caa.co.za) Follow us on

-----Original Message-----  
From: [samsung@caa.co.za](mailto:samsung@caa.co.za) [<mailto:samsung@caa.co.za>]

**From:** Nicole Abrahams (WR) [mailto:AbrahamsN@nra.co.za]  
**Sent:** 07 September 2015 09:56 AM  
**To:** 'komsberg@eims.co.za'  
**Subject:** Locality plan

Good day Nobuhle Hughes

I trust that you are doing well. Kindly forward me to my email clear visuals of the locality plans for the proposed Komsberg EAST and WEST WEF. As well as other background information. The information received is unclear.

Regards



Ms Nicole Abrahams  
Environmental Coordinator  
Tel: +27 21 957 4602  
Fax: +27 21 910 1699  
Email: [Abrahamsn@nra.co.za](mailto:Abrahamsn@nra.co.za)

Reg.No.  
1998/009584/30



Sanral  
Western Region  
1 Havenga Street, Oakdale, 7530  
Private Bag X19, Bellville, 7535  
[www.sanral.co.za](http://www.sanral.co.za)  
SANRAL Fraud Hotline: 0800204558

---

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If you are not the named addressee you should not disseminate, distribute or copy this e-mail.  
Please notify the sender immediately by e-mail if you have received this e-mail by mistake and delete this e-mail from your system. E-mail transmission

**From:** Nicole Abrahams (WR) [<mailto:AbrahamsN@nra.co.za>]  
**Sent:** 10 September 2015 03:26 PM  
**To:** 'komsberg@eims.co.za'  
**Cc:** René de Kock (WR)  
**Subject:** FW: EIA FOR THE PROPOSED KOMSBERG WIND ENERGY FACILITIES/OMGEWINGSIMPAKSTUDIE VIR DIE VOORGESTELDE KOMSBERG WINDENERGIE FASILITEITE

Dear Nobuhle

The South African National Roads Agency SOC Limited (SANRAL) has received background information and locality plan in relation to the nearest national road, regarding the above mention proposed project. After a detailed review the extent of the proposed project scope it was established that your project will not impact on SANRAL jurisdiction in any way hence no further comments will be forthcoming from this office.

I trust that you will find the above in order.

Regards  
Nicole Abrahams

**From:** Komsberg WEF [<mailto:komsberg@eims.co.za>]  
**Sent:** 10 September 2015 02:30 PM  
**To:** Nicole Abrahams (WR)  
**Subject:** RE: EIA FOR THE PROPOSED KOMSBERG WIND ENERGY FACILITIES/OMGEWINGSIMPAKSTUDIE VIR DIE VOORGESTELDE KOMSBERG WINDENERGIE FASILITEITE

Good Afternoon Nicole,

As per our telephonic conversation yesterday afternoon regarding the above-mentioned project, please find attached a map showing the proposed development's location in relation to national and other roads in its vicinity. Please confirm if the comment below still stands.

Should you have any further queries or concerns, please do not hesitate to contact us.

Kind Regards,  
Nobuhle Hughes

**From:** Nicole Abrahams (WR) [<mailto:AbrahamsN@nra.co.za>]  
**Sent:** 09 September 2015 02:45 PM  
**To:** 'komsberg@eims.co.za'



**Subject:** FW: EIA FOR THE PROPOSED KOMSBERG WIND ENERGY FACILITIES/OMGEWINGSIMPAKSTUDIE VIR DIE VOORGESTELDE KOMSBERG WINDENERGIE FASILITEITE

Dear Madam

The South African National Roads Agency SOC Limited (SANRAL) has received background information document regarding the above mention proposed project. After a detailed review the extent of the proposed project scope it was established that your project will not impact on SANRAL jurisdiction in any way hence no further comments will be forthcoming from this office.

I trust that you will find the above in order.

Regards



Ms Nicole Abrahams  
Environmental Coordinator  
Tel: +27 21 957 4602  
Fax: +27 21 910 1699  
Email: [Abrahamsn@nra.co.za](mailto:Abrahamsn@nra.co.za)

Reg.No.  
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Private Bag X19, Bellville, 7535  
[www.sanral.co.za](http://www.sanral.co.za)  
SANRAL Fraud Hotline: 0800204558



**From:** René de Kock (WR)  
**Sent:** 07 September 2015 03:30 PM  
**To:** Nicole Abrahams (WR)  
**Cc:** Colene Runkel (WR)  
**Subject:** FW: EIA FOR THE PROPOSED KOMSBERG WIND ENERGY FACILITIES/OMGEWINGSIMPAKSTUDIE VIR DIE VOORGESTELDE KOMSBERG WINDENERGIE FASILITEITE

Nicole

For your further attention.

Thank you

Rene

**From:** Colene Runkel (WR)  
**Sent:** 31 August 2015 10:46 AM  
**To:** René de Kock (WR)  
**Subject:** FW: EIA FOR THE PROPOSED KOMSBERG WIND ENERGY FACILITIES/OMGEWINGSIMPAKSTUDIE VIR DIE VOORGESTELDE KOMSBERG WINDENERGIE FASILITEITE

FYA

**From:** Marilyn Kleinhans (WR)  
**Sent:** 31 August 2015 10:37 AM

**From:** John Geeringh [mailto:GeerinJH@eskom.co.za]  
**Sent:** 07 September 2015 09:11 AM  
**To:** komsberg@eims.co.za  
**Cc:** Eddie Lennox; Lungile Motsisi  
**Subject:** Komsberg East and West WEF

Please find attached Eskom requirements for works at or near Eskom infrastructure.

Regards


John Geeringh (Pr Sci Nat)  
Senior Consultant Environmental Management

Eskom GC: Land Development  
Megawatt Park  
D1Y39  
P O Box 1091  
Johannesburg  
2000

Tel: 011 516 7233  
Fax: 086 661 4064  
Cell: 083 632 7663

I'm part of the 49Million initiative...  
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	SCOT	Technology
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Title: **Renewable Energy Generation Plant Setbacks to Eskom Infrastructure** Unique Identifier: **240-65559775**

Alternative Reference Number: **N/A**

Area of Applicability: **Power Line Engineering**

Documentation Type: **Guideline**

Revision: **0**

Total Pages: **8**

Next Review Date: **N/A**

Disclosure Classification: **CONTROLLED DISCLOSURE**

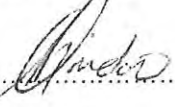
**Compiled by**



**J W Chetty**  
**Mechanical Engineer**

Date: 20/02/2014

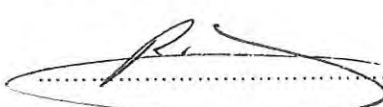
**Approved by**



**V Naidoo**  
**Chief Engineer (Lines)**

Date: 24/02/2014

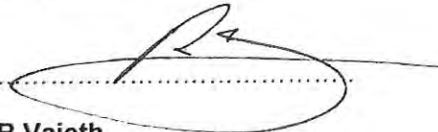
**Authorised by**



**R A Vajeth**  
**Acting Snr Manager (Lines)**

Date: 27/2/2014

**Supported by SCOT/SC**



**R Vajeth**  
**SCOT/SC/ Chairperson**

Date: 27/2/2014

PCM Reference: 240-65132732 **LINE ENGINEERING SERVICES**  
SCOT Study Committee Number/Name : **OVERHEAD LINES**

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## EXECUTIVE SUMMARY

In recent decades, the use of wind turbines, concentrated solar plants and photovoltaic plants have been on the increase as it serves as an abundant source of energy. This document specifies setbacks for wind turbines and the reasons for these setbacks from infrastructure as well as setbacks for concentrated solar plants and photovoltaic plants. Setbacks for wind turbines employed in other countries were compared and a general setback to be used by Eskom was suggested for use with wind turbines and other renewable energy generation plants.

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## 1. INTRODUCTION

During the last few decades, a large amount of wind turbines have been installed in wind farms to accommodate for the large demand of energy and depleting fossil fuels. Wind is one of the most abundant sources of renewable energy. Wind turbines harness the energy of this renewable resource for integration in electricity networks. The extraction of wind energy is its primary function and thus the aerodynamics of the wind turbine is important. There are many different types of wind turbines which will all exhibit different wind flow characteristics. The most common wind turbine used commercially is the Horizontal Axis Wind Turbine. Wind flow characteristics of this turbine are important to analyse as it may have an effect on surrounding infrastructure.

Wind turbines also cause large turbulence downwind that may affect existing infrastructure. Debris or parts of the turbine blade, in the case of a failure, may be tossed behind the turbine and may lead to damage of infrastructure in the wake path.

This document outlines the minimum distances that need to be introduced between a wind turbine and Eskom infrastructure to ensure that debris and / or turbulence would not negatively impact on the infrastructure.

Safety distances of wind turbines from other structures as implemented by other countries were also considered and the reasons for their selection were noted.

Concentrated solar plants and photovoltaic plants setbacks away from substations were also to be considered to prevent restricting possible power line access routes to the substation.

## 2. SUPPORTING CLAUSES

### 2.1 SCOPE

This document provides guidance on the safe distance that a wind turbine should be located from any Eskom power line or substation. The document specifies setback distances for transmission lines (220 kV to 765 kV), distribution lines (6.6 kV to 132 kV) and all Eskom substations. Setbacks for concentrated solar plants and photovoltaic plants are also specified away from substations.

#### 2.1.1 Purpose

Setbacks for wind turbines and power lines / substations are required for various reasons. These include possible catastrophic failure of the turbine blade that may release fragments and which may be thrown onto nearby power lines that may result in damage with associated unplanned outages. Turbulence behind the turbine may affect helicopter flight during routine Eskom live line maintenance and

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inspections that may lead to safety risk of the aircraft / personnel. Concentrated solar plants and photovoltaic plants setback away from substations were required to prevent substations from being boxed in by these renewable generation plants limiting line route access to the substations.

### 2.1.2 Applicability

This document is applicable to the siting of all new and existing wind turbines, concentrated solar plants and photovoltaic plants near power lines and substations.

## 2.2 NORMATIVE/INFORMATIVE REFERENCES

### 2.2.1 Normative

1. <http://www.envir.ee/orb.aw/class=file/action=preview/id=1170403/Hiumaa+turbulence+impact+EMD.pdf>.
2. <http://www.energy.ca.gov/2005publications/CEC-500-2005-184/CEC-500-2005-184.PDF>
3. <http://www.adamscountywind.com/Revised%20Site/Windmills/Adams%20County%20Ordinance/Adams%20County%20Wind%20Ord.htm>
4. [http://www.dsireusa.org/incentives/incentive.cfm?Incentive\\_Code=PA11R&RE=I&EE=I](http://www.dsireusa.org/incentives/incentive.cfm?Incentive_Code=PA11R&RE=I&EE=I)
5. <http://www.wind-watch.org/documents/european-setbacks-minimum-distance-between-wind-turbines-and-habitations/>
6. <http://www.publications.parliament.uk/pa/ld201011/ldbills/017/11017.1-i.html>
7. [http://www.caw.ca/assets/pdf/Turbine\\_Safety\\_Report.pdf](http://www.caw.ca/assets/pdf/Turbine_Safety_Report.pdf)
8. Rogers J, Slegers N, Costello M. (2011) A method for defining wind turbine setback standards. Wind energy 10.1002/we.468

### 2.2.2 Informative

None

## 2.3 DEFINITIONS

Definition	Description
Setback	The minimum distance between a wind turbine and boundary line/dwelling/road/infrastructure/servitude etc.
Flicker	Effect caused when rotating wind turbine blades periodically cast shadows
Tip Height	The total height of the wind turbine ie. Hub height plus half rotor diameter (see Figure1)

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### 2.3.1 Disclosure Classification

**Controlled disclosure:** controlled disclosure to external parties (either enforced by law, or discretionary).

## 2.4 ABBREVIATIONS

Abbreviation	Description
None	

## 2.5 ROLES AND RESPONSIBILITIES

All personnel involved in the positioning wind turbines, concentrated solar plants and photovoltaic plants near power lines/substations must follow the setbacks outlined in this guideline.

## 2.6 PROCESS FOR MONITORING

Approval by Eskom in writing.

## 2.7 RELATED/SUPPORTING DOCUMENTS

None

## 3. DOCUMENT CONTENT

### 3.1 INTERNATIONAL SETBACK COMPARISON

Wind Turbine setbacks employed by various countries were considered. It was found that setbacks were determined for various reasons that include noise, flicker, turbine blade failure and wind effects. The distances (setbacks) varied based on these factors and were influenced by the type of infrastructure

Wind turbine setbacks varied for roads, power lines, dwellings, buildings and property and it was noted that the largest setbacks were employed for reasons of noise and flicker related issues [1-7]. Very few countries specified setbacks for power lines.

The literature survey [1-7], yielded information about studies and experiments were conducted to determine the distance that a broken fragment from a wind turbine might be thrown. Even though of low probability of hitting a power line [ $5.0 \times 10^{-5}$ ]<sup>[8]</sup>, the distances recorded were significant [750m]<sup>[8]</sup>

Setbacks were thus introduced to prevent any damage to Eskom infrastructure.

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Wind turbines may also cause changes in wind patterns with turbulent effects behind the hub. These factors dictate the wind turbine setbacks specified in this document.

Concentrated solar plants and photovoltaic plants also can limit access into the substation for power lines of all voltages. A setback distance must therefore be employed to prevent the substation from being boxed in by these generation plants. These setback distances are specified in this document.

### 3.2 ESKOM REQUIRED SETBACKS

- Eskom requires a setback distance of 3 times the tip height of the wind turbine from the edge of the closest Eskom servitude (including vacant servitudes) for transmission lines.
- Eskom requires a setback distance of 1 times the tip height of the wind turbine from the edge of the closest Eskom servitude (including vacant servitudes) for distribution Lines.
- Eskom must be informed of any proposed wind turbine, concentrated solar plants and photovoltaic activity within a 5 km radius of a substation. No wind turbine structure shall be built within a 2 km radius of the closest point of the substation. Where concentrated solar plants and photovoltaic structures fall within a 2 km radius of the closest point of a substation, Eskom should be informed in writing during the planning phase of the construction of such plant or structure.
- Applicants must show that Eskom radio telecommunication systems (mainly microwave systems) will not be affected in any way by wind turbines.

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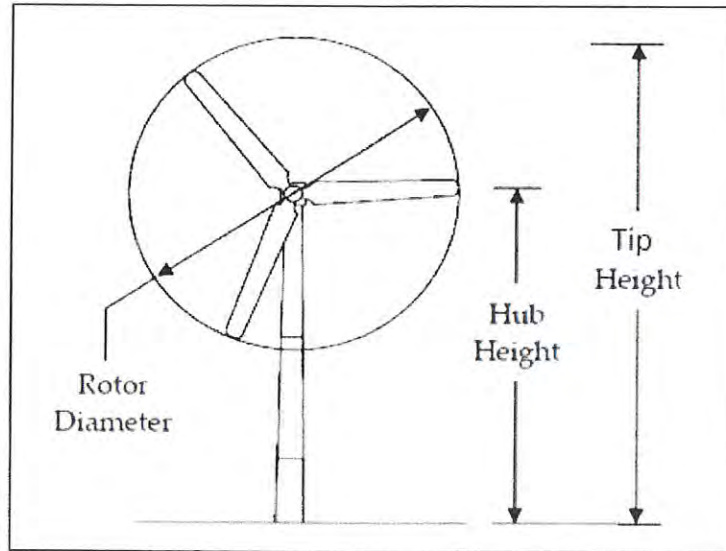


Figure 1: Horizontal Axis Wind Turbine [2]

**4. AUTHORISATION**

This document has been seen and accepted by:

Name & Surname	Designation
V Naidoo	Chief Engineer
Dr P H Pretorius	Electrical Specialist
J Geeringh	Snr Consultant Environ Mngt
B Haridass	Snr Consultant Engineer
R A Vajeth	Acting Snr Manager (Lines)

**5. REVISIONS**

Date	Rev.	Compiler	Remarks
November 2013	0	J W Chetty	First Publication - No renewable energy generation plant setback specification in existence

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## 6. DEVELOPMENT TEAM

The following people were involved in the development of this document:

Jonathan W Chetty (Mechanical Engineer)

Vivendhra Naidoo (Chief Engineer)

Dr Pieter H Pretorius (Electrical Specialist)

John Geeringh (Snr Consultant Environ Mngt)

Bharat Haridass (Snr Consultant Engineer)

Riaz A Vajeth (Acting Snr Manager (Lines))

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Eskom requirements for work at or near Eskom infrastructure.

1. Eskom's rights and services must be acknowledged and respected at all times.
2. Eskom shall at all times retain unobstructed access to and egress from its servitudes.
3. Eskom's consent does not relieve the developer from obtaining the necessary statutory, land owner or municipal approvals.
4. Any cost incurred by Eskom as a result of non-compliance to any relevant environmental legislation will be charged to the developer.
5. If Eskom has to incur any expenditure in order to comply with statutory clearances or other regulations as a result of the developer's activities or because of the presence of his equipment or installation within the servitude restriction area, the developer shall pay such costs to Eskom on demand.
6. The use of explosives of any type within 500 metres of Eskom's services shall only occur with Eskom's previous written permission. If such permission is granted the developer must give at least fourteen working days prior notice of the commencement of blasting. This allows time for arrangements to be made for supervision and/or precautionary instructions to be issued in terms of the blasting process. It is advisable to make application separately in this regard.
7. Changes in ground level may not infringe statutory ground to conductor clearances or statutory visibility clearances. After any changes in ground level, the surface shall be rehabilitated and stabilised so as to prevent erosion. The measures taken shall be to Eskom's satisfaction.
8. Eskom shall not be liable for the death of or injury to any person or for the loss of or damage to any property whether as a result of the encroachment or of the use of the servitude area by the developer, his/her agent, contractors, employees, successors in title, and assignees. The developer indemnifies Eskom against loss, claims or damages including claims pertaining to consequential damages by third parties and whether as a result of damage to or interruption of or interference with Eskom's services or apparatus or otherwise. Eskom will not be held responsible for damage to the developer's equipment.
9. No mechanical equipment, including mechanical excavators or high lifting machinery, shall be used in the vicinity of Eskom's apparatus and/or services, without prior written permission having been granted by Eskom. If such permission is granted the developer must give at least seven working days' notice prior to the commencement of work. This allows time for arrangements to be made for supervision and/or precautionary instructions to be issued by the relevant Eskom Manager

Note: Where and electrical outage is required, at least fourteen work days are required to arrange it.

10. Eskom's rights and duties in the servitude shall be accepted as having prior right at all times and shall not be obstructed or interfered with.
11. Under no circumstances shall rubble, earth or other material be dumped within the servitude restriction area. The developer shall maintain the area concerned to Eskom's satisfaction. The developer shall be liable to Eskom for the cost of any remedial action which has to be carried out by Eskom.
12. The clearances between Eskom's live electrical equipment and the proposed construction work shall be observed as stipulated by *Regulation 15* of the *Electrical Machinery Regulations of the Occupational Health and Safety Act, 1993 (Act 85 of 1993)*.
13. Equipment shall be regarded electrically live and therefore dangerous at all times.
14. In spite of the restrictions stipulated by Regulation 15 of the Electrical Machinery Regulations of the Occupational Health and Safety Act, 1993 (Act 85 of 1993), as an additional safety precaution, Eskom will not approve the erection of houses, or structures occupied or frequented by human beings, under the power lines or within the servitude restriction area.
15. Eskom may stipulate any additional requirements to highlight any possible exposure to Customers or Public to coming into contact or be exposed to any dangers of Eskom plant.
16. It is required of the developer to familiarise himself with all safety hazards related to Electrical plant.
17. Any third party servitudes encroaching on Eskom servitudes shall be registered against Eskom's title deed at the developer's own cost. If such a servitude is brought into being, its existence should be endorsed on the Eskom servitude deed concerned, while the third party's servitude deed must also include the rights of the affected Eskom servitude.

John Geeringh (Pr Sci Nat)

Senior Consultant Environmental Management  
Eskom GC: Land Development

-----Original Message-----

From: LToolsBernado [mailto:ltoolsbernado@ncpg.gov.za]

Sent: 08 September 2015 09:51 AM

To: komsberg@eims.co.za

Subject: Good day Dear Sir/ Madam

Good day Dear Sir/ Madam

The Department of Environment and Nature Conservation received a Draft Scoping Report & Plan of study for EIA on the 03rd September 2015.

The Project Description reads as follows:

Environmental Impact Assessment for the proposed Komsberg east and West wind energy facilities, Western & Northern cape Provinces.

Please do send us the DEA Reference number of this project as we need to acknowledge the Document.

Kind Regards

Luzane Tools-Bernado

EIA: Administration

Directorate: Environmental Quality Management Department Environment and Nature Conservation P/Bag X6102, Kimberley, 8300

Tel: 053-807 7430

Fax: 086 773 8629 / 053-831 3530

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----- Forwarded message -----

From: "JacolineMa" <[JacolineMa@daff.gov.za](mailto:JacolineMa@daff.gov.za)>

Date: 15 Sep 2015 11:36 AM

Subject: RE: EIA FOR THE PROPOSED KOMSBERG WIND ENERGY FACILITIES/OMGEWINGSIMPAKSTUDIE VIR DIE VOORGESTELDE KOMSBERG WINDENERGIE FASILITEITE

To: "liam whitlow" <[liam@eims.co.za](mailto:liam@eims.co.za)>

Cc:

Good Day

Attached please find comments from the Department of Forestry. Thank you very much for notifying the Department about the proposed developments.

Kind Regards,

**Jacoline Mans**

Designation: Chief Forester (NFARegulation)

Directorate: Forestry Management (Other Regions) Northern Cape

Department of Agriculture, Forestry and Fisheries





# agriculture, forestry & fisheries

Department:  
Agriculture, Forestry and Fisheries  
REPUBLIC OF SOUTH AFRICA

Directorate: Forestry Management (Other Regions)  
P.O. Box 2782, Upington, 8800, Tel 054 338 5909, Fax 054 334 0030

Enquiries: J Mans  
E-mail: [JacolineMa@daff.gov.za](mailto:JacolineMa@daff.gov.za)  
Date: 15 September 2015  
Ref: F13/11/2/323

Environmental Impact Management Services (Pty) Ltd  
P.O. Box 2083  
PINEGOWRIE  
2123

ATTENTION: Ms. Nobuhle Hughes ([komsberg@eims.co.za](mailto:komsberg@eims.co.za))

RE: COMMENTS ON BACKGROUND INFORMATION DOCUMENT OF THE PROPOSED KOMSBERG EAST AND WEST WIND ENERGY FACILITIES, NORTHERN CAPE (DEA REF: NOT YET ALLOCATED)

## 1. DEPARTMENTAL MANDATE

1.1 The Branch: Forestry and Natural Resource Management in the Department of Agriculture, Forestry and Fisheries (DAFF) is responsible for implementation of the **National Forests Act, Act 84 of 1998 (NFA) and the National Veld and Forest Fires Act, Act 101 of 1998** as amended. The proposed developer must comply with the following sections of the NFA:

- 1.1.1 Section 15(1): "No person may-
- (a) Cut, disturb, damage or destroy any protected tree; or
  - (b) Possess, collect, remove, transport, export, purchase, sell, donate or in any other manner acquire or dispose of any protected tree, or any forest product derived from a protected tree, except-
    - (i) under a license granted by the Minister; or
    - (ii) in terms of an exemption from the provision of this subsection published by the Minister in the Gazette on the advice of the Council."
- 1.1.2 Section 62(2)(c): "Any person who contravenes the prohibition on-
- (i) The cutting, disturbance, damage or destruction of temporarily protected trees or groups of trees referred to in section 14(2) or protected trees referred to in section 15(1)(a); or
  - (ii) The possession, collection, removal, transport, export, purchase or sale of temporarily protected trees or groups of trees referred to in section 14(2) or protected trees referred to in section 15(1)(b), or any forest product derived

from a temporarily protected tree, group of trees or protected tree, is guilty of a first category offence.

- 1.1.3 Section 58 (1): "Any person who is guilty of a first category offence referred to in sections 62 and 63 may be sentenced to a fine or imprisonment for a period of up to three years, or to both a fine and such imprisonment."

## 2. COMMENTS ON BACKGROUND INFORMATION DOCUMENT

- 2.1 The two proposed developments of 275 MW each are cross-border and located in both the Northern Cape and Western Cape Provinces. Kindly note this office will only comment on the Northern Cape section of the proposed developments.
- 2.2 Please register this office as a commenting authority and forward hardcopies of the fauna and flora specialist study and other relevant documentation for comments.
- 2.3 Please indicate the total area to be cleared of vegetation and affected vegetation types i.e. sizes of the foundations to be installed per turbine (total of 55 turbines per project), the 8m x 40 km access roads, 100 x 150m onsite substation, and a 35km (Komsberg West) and 55km (Komsberg East) 132 kV powerlines. Please also clearly indicate what portion of the development footprints fall in the Northern Cape.
- 2.4 Kindly assess the potential impacts on protected trees and plants (if any). Infrastructure placement should take cognisance of the presence of plants of special concern (i.e. endemic, protected, specially protected species) and avoid it as far as possible. Where impacts cannot be avoided, the necessary permits and/or licenses should be obtained prior to disturbance of any listed species.

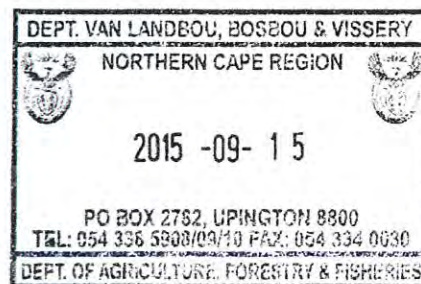
Thank you for notifying this Department about the proposed development(s).

Kind Regards,



Jacoline Mans

Chief Forester: NFA Regulation



**From:** WJB Enterprises [mailto:[info@wjb.co.za](mailto:info@wjb.co.za)]  
**Sent:** 16 September 2015 09:36 AM  
**To:** [komsberg@eims.co.za](mailto:komsberg@eims.co.za)  
**Cc:** [office@arcusconsulting.co.za](mailto:office@arcusconsulting.co.za); Jan Scannell; Philip Rall  
**Subject:** Proposed Komsberg East and West Wind Energy Facilities

Beste Groete / Kind Regards  
Johann Biesenbach

WJ Biesenbach  
B.Sc B. Eng (Civil)  
WJB Enterprises CC  
Tel: 021-883 8086  
Fax: 021-887 1874  
E-mail: [info@wjb.co.za](mailto:info@wjb.co.za)



# DE FONTEINE BOERDERY

25 Heroldstraat  
Stellenbosch  
7600  
Tel: (021) 883 8086

Moordenaarskaroo  
Laingsburg  
6900  
Tel: (023) 5511916

Environmental Impact Management Services (Pty) Ltd.  
PO Box 2083  
Pinegowrie  
2123

16 September 2015

Sent by e-mail: komsberg@eims.co.za

Attention: Me Nobuhle Hughes

Dear Me Hughes

## PROPOSED KOMSBERG EAST AND WEST WIND ENERGY FACILITIES: COMMENT ON DRAFT SCOPING REPORT

The Background Information Document (BID) and Draft Scoping Report (DSR) for the above-mentioned proposed project(s) have reference.

1. I hereby request to be **registered** as an Interested and Affected Party (I&AP) for these projects(s), as well as all other applications for environmental authorisation or licenses which relates to these projects:  
Name and surname: Johann Biesenbach – De Fontaine Trust  
Contact details: 021 – 883 8086; Email: info@wjb.co.za  
Interest in this project: Owner of the neighbouring property Koornplaats no: 41
2. **The above-mentioned DSR is fatally flawed as is described in more detail below. A Revised DSR should be prepared and made available for public comment, which should include additional information as described below.**
3. One of the most significant potential impacts associated with this proposed project relates to **transport and traffic**. We note the inclusion of transport impacts under "Social Impacts", as per DSR Vol. I, Section 11.2.8. This is however fatally flawed, since traffic impacts not be properly assessed by a social scientist. It will have to be assessed by a suitably qualified and registered specialist traffic and transport engineer.
4. Vol. II, pg. 82 of the DSR furthermore states that information pertaining to the transportation and assembly of the large components of the wind energy facility to and on the site, will be sourced and used to inform the Social Impact Assessment. This approach is also fatally flawed, since the potential impacts associated with traffic and transport cuts across various specialist study disciplines of the EIA process, such as the Visual, Freshwater Ecology, Heritage Archaeology and Palaeontology, Noise, and Fauna and Flora Specialist Reports. A complete project description, which include detail such as the types, sizes, trip volumes, all route alternatives, etc. for the construction and operational phase vehicles, as well as required road upgrades and new bridges, should therefore be made available to all project specialists during the Scoping Phase to enable proper assessment.
5. The Specialist Transport and Traffic Impact Assessment should include and assess the following, as a minimum:
  - 5.1 The types, sized and estimated number of trips of all vehicles and equipment (including cranes, etc.) that will travel, and be transported to, the development area during the construction and operational phases. This should include the size of wind turbine components.



- 5.2 Describe and assess the exact access routes, including route alternatives to be assessed during the EIA process – from the ports where the equipment will presumably be delivered to the development site(s) itself, as well as internal transport on the site(s).
  - 5.3 Describe the minimum road and slope conditions needed for transport of the above machinery and equipment, including minimum turn angles, road surfaces, road slopes, etc. From the road network (DSR Vol. I, Fig. 1.5) and the slope analysis (DSR Vol. I, Fig. 1.6) information provided in the DSR, it is incomprehensible to us how the developer plans to transport the extremely large equipment and turbines components (e.g. 70m long rotor blades) around the sharp angles and up steep slopes to access the development site(s).
  - 5.4 Should we assume that helicopters will be used to deliver some of the equipment? We could not find any reference to this in the DSR. If so, this is a very significant aspect which need to be added to the project description as a matter of urgency. The potential inter-disciplinary impacts of using helicopters during the construction (and potentially operational) phases should also be included in the terms of references and assessed in detail by all relevant specialists (such as the Noise, and Fauna and Flora Specialist Reports, etc.).
  - 5.5 Describe the required new and/or upgradings to river crossings and bridges along the entire route (for all alternatives).
  - 5.6 Describe construction and operational phase road improvement and maintenance impacts and requirements, as well as the parties responsible for such improvements and maintenance.
6. The only way to obtain **access to the eastern sector** of your proposed development, will be *via* the servitude road that runs past my property. This 2-spoor track road runs directly adjacent to my homestead as well as a grave yard on my farm yard. This servitude road serves our neighbour, the Farm Anysrivier. The current situation is acceptable, since only about one vehicle passes here per week. Any additional traffic on this road will be an extreme nuisance to us, and will impact on the safety of us and our children, noise and dust impacts, etc. There is furthermore significant restrictions along this road (such as our house, the graveyard, etc.), which will limit the road from being widened to 20 m during construction, or even 6 to 8 m during operation (DSR Vol. I, pg. 13 refers).
  7. The gravel **roads** serving this area were severely **damaged** during the recent upgrading of the Eskom power lines between Laingsburg and the Moordenaars Karoo. We, the landowners, were merely told that there is no money, and that no one will pay to repair the road. This was only a once-off installation. What will happen to this road during this major proposed construction project, as well as the long-term maintenance during the operational phase?
  8. The **Fauna and Flora** Specialist Scoping Report refers to the "possibility" of the Critically Endangered Riverine Rabbit *Bunolagus monticularis* occurring in the study area. We have photographic evidence that Riverine Rabbit do occur in the area – a Riverine Rabbit that was recently killed by an Eskom contractor vehicle on a road in the area. We also confirm the presence of Bat-eared Fox *Otocyon megalotis* in this area, which are also often hit by traffic, especially at night. The very important inter-disciplinary link between traffic and transport impacts and other specialist studies, as referred to above, is furthermore illustrated with this very significant impact of traffic on fauna in the project area.
  9. **It is pertinent that a very detailed study be undertaken of the presence and population size of Riverine Rabbit *Bunolagus monticularis* in the project area, together with a detailed assessment of potential traffic and transport impacts on this specie.**
  10. We attach an extremely high value to the **sense of place** offered by this area. This sense of place, which mainly relates to the silence and lack of development in this area, stands to be significantly jeopardised by this proposed development. The potential impact of the proposed development on our sense of place should be assessed in detail. We highlight that sense of place is a complex and multi-disciplinary concept, which cannot be merely assessed as a one-dimensional issue related to landscape change as part of the Visual Impact Assessment.



11. The **visual impact** of the proposed development on the currently undeveloped and serene horizon will also be significant and should be assessed in detail.
12. Please add our property to your map (DSR, Volume I, Figure 8.9) as a **noise** sensitive receptor, and assess the potential impact of noise on our far yard in detail.
13. We are also very concerned about the potential impacts of this development on **rare bird species** that only occur in the Moordenaars Karoo area.
14. **In the light of the above comments, especially the lack of a specialist Traffic and Transport Engineer on the project team, and the lack of terms of reference for a specialist Traffic and Transport Impact Assessment in the DSR, we argue that the DSR is incomplete, and does not comply with the legislative minimum requirements for the content of a Scoping Report, as is described in Appendix 2 of the EIA Regulations of 2014. A Revised DSR should be prepared and made available for another round of public comment (30 days minimum).**

We reserve the rights to provide further comments if we deem this to be necessary.

Best regards,  
Johan Biesenbach

cc. [office@arcusconsulting.co.za](mailto:office@arcusconsulting.co.za) – **Attention:** Ashlin Bodasing and Emily Herschell  
[scannelljan@gmail.com](mailto:scannelljan@gmail.com) - Jan Scannell  
[prall@maraismuller.co.za](mailto:prall@maraismuller.co.za) - Philip Rall

**From:** HettieB [mailto:HettieB@daff.gov.za]  
**Sent:** 18 September 2015 02:23 PM  
**To:** komsberg@eims.co.za  
**Subject:** Komsberg Wind Farms

Good day

We received a letter on the 8<sup>th</sup> September in connection of an Notification of Environmental Impact Assessment Process.

We need a Title Deed & Locality Map to proceed the application.

Regards  
Hettie Buys



**agriculture,  
forestry & fisheries**

Department:  
Agriculture, forestry & fisheries  
REPUBLIC OF SOUTH AFRICA

LUSM  
Private Bag x 120  
Pretoria  
0001

[hettieb@daff.gov.za](mailto:hettieb@daff.gov.za)

**From:** Anne Flynn [mailto:[aflynn@falconoilandgas.com](mailto:aflynn@falconoilandgas.com)]  
**Sent:** 29 September 2015 03:54 PM  
**To:** komsberg@eims.co.za  
**Cc:** Philip O'Quigley; Michael A. Gallagher; Oberholzer, Lizel; Blomkamp, Jane (Jane.Blomkamp@nortonrosefulbright.com); Sas Nel  
**Subject:** Falcon Response to EIA Process and Public Participation Process re Komsberg East and West

Dear Ms. Nobuhle Hughes,

Please find attached Falcon Oil & Gas Ltd.'s response to the environmental impact assessment process and public participation process regarding the proposed Komsberg East and West Wind Energy Facilities.

We would like to be registered as an interested and affect party. I would also be grateful if you could provide us with the background information document.

Can you please let us know the next steps and when its expected the interested and affected parties will be engaged with.

Thanking you in advance.

Kind regards,  
Anne.

Anne Flynn  
Group Financial Controller | **FALCON OIL & GAS LTD.**  
Styne House, Upper Hatch Street, Dublin 2, Ireland  
Office: [+353 1 417 1900](tel:+35314171900) | Direct: [+353 1 417 0812](tel:+35314170812)  
Email: [aflynn@falconoilandgas.com](mailto:aflynn@falconoilandgas.com) | website: [www.falconoilandgas.com](http://www.falconoilandgas.com)



Ms. Nobuhle Hughes  
Environmental Impact Management Services (Pty) Ltd  
PO Box 2083,  
Pinegowrie,  
2123

29 September 2015

Dear Ms. Nobuhle Hughes,

**Re Proposed Komsberg East and West Wind Energy Facilities, Western and Northern Cape Provinces**

We wish to comment on the environmental impact assessment process and public participation process regarding the proposed Komsberg East and West Wind Energy Facilities in the Western and Northern Cape Provinces. We also request that we are registered as an interested and affected party with due consideration to be given to Section 2(4)(g) of the National Environmental Management Act.

***Interest***

Falcon Oil & Gas Ltd ("Falcon") is the holder of a Technical Co-operation Permit ("TCP") with reference number 12/2/013/1, issued in terms of section 77 of the Mineral and Petroleum Resources Development Act 28 of 2002 ("the MPRDA") over an area of 30,326.958 square kilometres in the Western Karoo. Falcon was issued with a TCP on 27 August 2009 and applied for exploration rights on 31 August 2010. As the holder of a TCP, Falcon has, in terms of section 78 of the MPRDA, the exclusive right to apply for and be granted an exploration right.

***Views and Concerns***

The establishment of the Komsberg East and West Wind Energy Facilities on land in respect of which Falcon holds a TCP and expects to explore severally curtails Falcon's ability to exercise these rights to the fullest extent. Following the award of the TCP to Falcon in October 2009, Falcon submitted its application for a license over the 30,329 square kilometres in the Western Karoo. As part of this submission Falcon has identified specific seismic lines which were deemed to be of optimal location for the exploration project it proposes to undertake. Some of these seismic lines lie in the same location as the Komsberg East and West Wind Energy Facilities.

From an exploration point of view, Falcon's proposed seismic survey, to be conducted in the second year of its exploration program, was planned on lands with no major industrial and/or civil activities in the vicinity of the proposed seismic lines. From a technological point of view, the seismic method involves



imaging the sub-surface by transmitting seismic waves towards the earth's interior and then recording the reflected seismic waves. Noise generated in the neighbourhood of a seismic line will disturb seismic data acquisition and hamper the high-resolution and good quality imaging of the underlying geological strata. Construction or daily operation of a windfarm will generate high levels of ground vibration and above surface noise that would obstruct Falcon's seismic data gathering.

The location of the planned Komsberg East and West Wind Energy Facilities are particularly unfavourable as:

- 1) They are located on one of the best shale gas "sweet spots" (areas with excellent hydrocarbon prospectivity) in the entire Karoo basin and;
- 2) They separate the western and central sectors of Falcon's TCP area making regional geological correlation challenging.

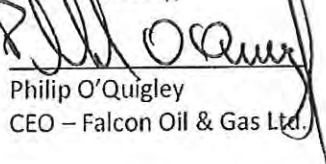
From a field development point of view the adverse effect of the Komsberg East and West Wind Energy Facilities on Falcon's planned shale gas project is far more significant. It is physically impossible for the surface footprint of an operating windfarm and the surface footprint of a shale gas development to co-exist. Drilling activities, infrastructure development, gas transmission (pipelines), etc. would all be so severely curtailed to render the co-existence with densely populated windmill platforms in the area impossible. To our knowledge, there is no location in any part of the world where such projects do co-exist.

The impact of the proposed wind farm on Falcon's rights and proposed activities needs to be assessed as part of the EIA process. A proposed method of assessment should be developed in consultation with interested parties and approved by the competent authority.

#### Contact details of Falcon

Name: Anne Flynn  
Title: Group Financial Controller  
Address: 5th Floor, Styne House, Upper Hatch Street, Dublin 2, Ireland  
Mobile number: +353 86 3566008  
Office number: +353 1 417 1900  
Email: [aflynn@falconoilandgas.com](mailto:aflynn@falconoilandgas.com)

Yours sincerely,



Philip O'Quigley  
CEO – Falcon Oil & Gas Ltd.



-----Original Message-----

From: Ramotholo Sefako [mailto:rrs@saao.ac.za]

Sent: 01 October 2015 04:38 PM

To: nobuhle hughes; Komsberg@eims.co.za

Cc: Petri Vaisanen

Subject: SAAO registration as I&AP: EIA FOR THE PROPOSED KOMSBERG WIND ENERGY FACILITIES

Dear Nobuhle

We would like to register as an Interested and Affected Party and look forward to receiving further communications from your project. Please see attached letter with some details of why we would would like to register.

Regards

Ramotholo



SAAO

South African  
Astronomical Observatory

PO Box 9  
Observatory 7935  
South Africa  
Tel: 021 447 0025  
Fax: 021 447 3639  
Int. Code: +27  
rrs@sao.ac.za

[www.sao.ac.za](http://www.sao.ac.za)

30, September 2015

Ms Nobuhle Hughes  
Environmental Impact Management Services (Pty) Ltd  
P.O. Box 2083  
Pinegowrie  
2123

Dear Ms Hughes

**Re: Registering as an Interested/Affected Party for Komsberg Wind Farms (Pty) Ltd**

The South African Astronomy Observatory (SAAO) would like to register as an Interested & Affected Party given that part of the proposed Komsberg East and Komsberg West Wind Energy Facilities fall within the Sutherland Central Astronomy Advantage Area (CAAA), which is declared under the Astronomy Geographic Advantage (AGA) Act of 2007.

Our main concerns with regard to wind energy developments around Sutherland CAAA is related to the night lighting of the wind turbines and dust that will be generated during construction, both of which affect the quality of the night sky, and therefore likely to have a negative impact on optical astronomy at SAAO and Southern African Large Telescope (SALT) at Sutherland.

Yours sincerely

A handwritten signature in black ink, appearing to read 'R. Sefako', written over a faint, illegible printed name.

Dr Ramotholo Sefako  
Head of Telescopes Operations, SAAO



## agriculture, forestry & fisheries

Department:  
Agriculture, forestry & fisheries  
REPUBLIC OF SOUTH AFRICA

Directorate Land Use and Soil Management, Private Bag x120, Gezina Pretoria, 0031  
Delpen Building, c/o Annie Botha & Union Streets, Riviera

**From:** Director: Land Use and Soil Management  
**Tel:** (012) 319 7634 **Fax:** (012) 329 5938 **e-mail:** [nhlakad@daff.gov.za](mailto:nhlakad@daff.gov.za)

**Environmental Impact management Services**  
**PO Box 2083**  
**Pinegowrie**  
**2123**

**6 October 2015**

Dear Sir/Madam

This serves as a notice of receipt and confirms that your application has been captured in our electronic AgriLand tracking and management system. It is strongly recommended that you use the on-line AgriLand application facility in future.

Detail of your application as captured:

***Application type: EIA:***

Your reference number:

Property Description: ***Komsberg east & West Wind Energy Facilities***

Dated: ***October 2015***

Please use the following reference number in all enquiries:

**AgriLand reference number: 2015\_10\_0043**

Enquiries can be made to the above postal, fax or e-mail address.

Yours sincerely,

**HJ Buys**  
**pp DIRECTOR: LAND USE AND SOIL MANAGEMENT**

<http://www.agis.agric.za/agriland>

# Conversation Record



Date: 8 / 10 / 2015

Time: 14 : 35 AM/PM

EIMS Called

Received Call

Meeting

EIMS Job #: \_\_\_\_\_ Project: Komberg Wind Energy Facilities EIA Project

Name of Person: Mr Johann Biesenbach Organisation: De Fontaine trust

Contact Details: Tel/Cell: 082557 0427 Fax: \_\_\_\_\_ Email: \_\_\_\_\_

Address: Portier 3 of Koornplaats

## Comments / Notes:

Francis Barnard (EIMS) contacted Mr Johann Biesenbach to ascertain which bird species he was referring to in his comment where he've indicated that he is concerned about "rare bird species" that are only found in the Moordenaars Karoo. Mr. Biesenbach indicated that he had a bird specialist at the farm a couple of years ago that provided him with a list of "rare bird species" in the area. Mr. Biesenbach however indicated that he currently does not have the information with him to supply it to EIMS, as he is in Stellenbosch and not on the farm.

Mr. Biesenbach additionally raised concerns about the width, location and obstacles in the way of the proposed access road of the project.

Taken by: Francis Barnard *FB*

**From:** Karoo Hoogland Munisipaliteit Administrasie [<mailto:karooadmin@telkomsa.net>]  
**Sent:** 09 October 2015 07:41 AM  
**To:** [komsberg@eims.co.za](mailto:komsberg@eims.co.za)  
**Subject:** Register as Interested Party

Please register Karoo Hoogland Municipality as an Interested Party.  
Kind regards

Christelle Viljoen

(Administratiewe Beamppte: Korporatiewe Dienste)

Karoo Hoogland Munisipaliteit

Tel: 053 3913 003

Faks: 053 3913 294 / 086 516 2183

Epos: [karooadmin@telkomsa.net](mailto:karooadmin@telkomsa.net)







**REFERENCE: 16/9/6/1-15/04 (Job 23377)**

**ENQUIRIES: Ms GD Swanepoel**

**DATE: 28 September 2015**

Environmental Impact Management Services (Pty) Ltd

PO Box 2083

**PINEGOWRIE**

2123

Attention: Liam Whitlow

Dear Sir

**ENVIRONMENTAL IMPACT ASSESSMENT PROCESS: PROPOSED KOMSBERG WIND ENERGY FACILITIES**

1. Your e-mail sent on 28 August 2015 refers.
2. Komsberg Wind Farms (Pty) Ltd proposes the construction of 110 wind turbines approximately 60 km North of Laingsburg.
3. This Branch would like to register as an Interested and Affected Party.
4. The proposal affects Provincial Roads Trunk Road 20/1, Divisional Road 1481, 1484 and 2247, and Minor Roads 8406, 8051, and 8049 and possibly other proclaimed roads (dependent on routes taken by construction and delivery vehicles).
5. This Branch offers the following initial comment on the proposed project and will provide further comment on the LUPO application. In terms of Act 21 of 1940 and Ordinance 19 of 1976, the following conditions apply:
  - 5.1 A building restriction line of 95m is applicable along trunk, main and divisional roads and is measured from the centreline of the road reserve.
  - 5.2 A building restriction line of 500m is applicable from the centrelines of intersecting trunk, main, and divisional roads and where these roads intersect other roads.
  - 5.3 No advertising of any nature is allowed on the turbine structures.
  - 5.4 Turbines should be located a distance equal to or greater than their toppling distance plus 5m from the road reserve boundary.

- 5.5 Turbines shall be located far enough from the road reserve boundary so that they do not present a distraction to motorists and this Branch may require the applicant to engage the services of a Traffic Engineer to assess such impact once the location of the wind turbines have been determined.
- 5.6 A 5m building line is applicable.
- 5.7 A Traffic Impact Assessment (TIA) will be required when the LUPO application is made. Amongst the usual items that the TIA addresses it should also consider the impact on road infrastructure and what maintenance measures may be required during construction and decommissioning of the facility.

Yours faithfully

A handwritten signature in black ink, appearing to read 'ML Watters', with a stylized, cursive script.

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

**From:** Johan Bothma  
**Sent:** 09/10/2015 09:31  
**To:** 'mail@eims.co.za' <[mail@eims.co.za](mailto:mail@eims.co.za)>  
**Cc:** Carl Opperman <[carl@awk.co.za](mailto:carl@awk.co.za)>; 'anneke@agrisa.co.za' <[anneke@agrisa.co.za](mailto:anneke@agrisa.co.za)>  
**Subject:** ENVIRONMENTAL IMPACT ASSESSMENT FOR THE PROPOSED KOMSBERG EAST AND WEST WIND ENERGY FACILITIES, WESTERN & NORTHERN CAPE PROVINCES  
**Importance:** High

Goeie dag aan wie dit mag aangaan,

Die bostaande inligting is via Agri SA ontvang. Ongelukkig is die faks afskrif wat ons ontvang het uiters swak en dui op onprofessionele benadering deur u as instansie wat daarby betrokke is om I&AP's oor die bostaande projek in te lig. Dit is jammer dat die landelike gemeenskap en spesifiek die landbou sektor op die wyse misken word.

Ons versoek hiermee dat 'n duidelike elektroniese afskrif van beide die Afrikaanse en Engelse dokumente (insluitende kleur kaarte) van die beoogde projek aan Agri Wes-Kaap ([carl@awk.co.za](mailto:carl@awk.co.za) en [johan@awk.co.za](mailto:johan@awk.co.za)) te voorsien dat ons kan oordeel watter van ons affiliasies daarvoor ingelig moet word en terselfdertyd daarvoor as I&AP te registreer.

U dringende hantering sal waardeer word.

Met agting.

**"Good day to whom it may concern,**

**The abovementioned information was received via Agri SA. Unfortunately the copy of the fax received is of low quality and is indicative of an unprofessional approach by you as an institution associated with it to notify I&AP's of the abovementioned project. It is unfortunate that the rural community and specifically the agricultural sector are being undervalued in this way.**

**We are requesting that a clear electronic copy of both the Afrikaans and English documents (including colour maps) of the proposed project be submitted to Agri Western Cape ([carl@awk.co.za](mailto:carl@awk.co.za)) and ([johan@awk.co.za](mailto:johan@awk.co.za)) for us to ascertain which of our affiliates should be informed and at the same time register as I&APs.**

**Your urgent handling of this matter would be appreciated."**



**JOHAN BOTHMA**  
Sel / Cell: +27 (0) 82 944 0790

*Hoofbestuurder / General Manager*

Markstraat 11 Market Street, Paarl, 7620 • Posbus / PO Box 227, Paarl, 7620

Tel / Phone: +27 (0) 21 860 3805 • Faks / Fax: +27 (0) 86 685 9770

E-pos / E-mail: [johan@awk.co.za](mailto:johan@awk.co.za) / Webtuiste • Website:

[www.awk.co.za](http://www.awk.co.za)

[twitter.com/agriweskaap](https://twitter.com/agriweskaap)

[facebook.com/pages/Agri-Wes-Kaap/193104290705132](https://facebook.com/pages/Agri-Wes-Kaap/193104290705132)

Unity in  
Agriculture

Eenheid in  
Landbou

uManyano  
kweZolimo

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Messrs. Environmental Impact Management Services (Pty) Ltd  
P.O. Box 2083  
**PINEGOWRIE**  
2123

Dear Sir /Madame

**NOTIFICATION OF ENVIRONMENTAL IMPACT ASSESSMENT PROCESS AND PUBLIC PARTICIPATION PROCESS:  
PROPOSED KOMSBERG EAST AND WEST WIND ENERGY FACILITIES, WESTERN AND NORTHERN CAPE  
PROVINCES**

Your letter concerning the above mentioned refers.

You are kindly requested to register the following officials as I&AP's

MP Abrahams  
WCG Health (Eden District Office)  
Private Bag X6592  
George  
6530  
Tel: 044-803 2727  
Email: [Manie.Abrahams@westerncape.gov.za](mailto:Manie.Abrahams@westerncape.gov.za)

Mr G. van Zyl  
Central Karoo District Municipal Health Services  
P.O. Box 56  
Beaufort West  
6970  
Tel: 023-449 1000  
Email: [gerrit@ckdm.co.za](mailto:gerrit@ckdm.co.za)

Yours faithfully

**DISTRICT MANAGER: EDEN DISTRICT**

**DATE: 14 October 2015**



**From:** Johan Bothma [mailto:johan@awk.co.za]

**Sent:** 15 October 2015 10:10 AM

**To:** Komsberg WEF

**Cc:** Carl Opperman; anneke@agrisa.co.za; Merweville Lv (pjbothma@telkomsa.net); 'fortuin@roggeveld.co.za'; 'charlesmuller@wispernet.co.za'

**Subject:** RE: ENVIRONMENTAL IMPACT ASSESSMENT FOR THE PROPOSED KOMSBERG EAST AND WEST WIND ENERGY FACILITIES, WESTERN & NORTHERN CAPE PROVINCES

**Importance:** High

Good morning Nobuhle

Thanks for your swift reply, we do appreciate.

Agri Western Cape (AWC) as a federal organisation whom acts on behalf of commercial farmers within the Western Cape Province. Farmers are voluntary members of **Agricultural Association** ( 100 plus of AA's) in the rural country side of our province whom all affiliate to AWC. We therefor like to ask you to add the following farmer's associations and representatives as I&AP for this project, namely:

1. **Merweville AA:** Marie Bothma, Secretary, PO Box 164, Merweville 6940 Tel (023) 501 8034  
or Cell 083 964 2477 E-mail: [pjbothma@telkomsa.net](mailto:pjbothma@telkomsa.net)
2. **Laingsburg AA:** Andries le Roux, PO Box 30, Laingsburg 6900 Tel (023) 004  
0138 or Cell 084 513 1893 E-mail: [fortuin@roggeveld.co.za](mailto:fortuin@roggeveld.co.za)
3. **AWC Regional Representative:** Charles Muller, PO Box 50, Merweville 6940 Cell 079 696 1000  
or E-mail: [charlesmuller@wispernet.co.za](mailto:charlesmuller@wispernet.co.za)

It will be appreciated if all documentation on this project be send in both **Afrikaans and English** to the abovementioned persons. Please confirm.

Regards

1



**JOHAN BOTHMA**

Sel / Cell: +27 (0) 82 944 0790

*Hoofbestuurder / General Manager*

Markstraat 11 Market Street, Paarl, 7620 • Posbus / PO Box 227, Paarl, 7620

Tel / Phone: +27 (0) 21 860 3805 • Faks / Fax: +27 (0) 86 685 9770

E-pos / E-mail: [johan@awk.co.za](mailto:johan@awk.co.za) / Webtuiste • Website:

[www.awk.co.za](http://www.awk.co.za)

[twitter.com/agriweskaap](https://twitter.com/agriweskaap)

[facebook.com/pages/Agri-Wes-Kaap/193104290705132](https://facebook.com/pages/Agri-Wes-Kaap/193104290705132)

Unity in  
Agriculture

Eenheid in  
Landbou

uManyano  
kweZolimo



----- Original message -----

From: "Lyons Hester (BVL)" <LyonsH@dws.gov.za>

Date: 02/11/2015 16:00 (GMT+02:00)

To: Ashlin Bodasing <AshlinB@arcusconsulting.co.za>

Cc: "Manavhela Tshilidzi (BVL) Contractor" <ManavhelaT@dws.gov.za>

Subject: Komsberg Windfarms Pty Ltd

Dear Ashlin

During the evaluation of you report the following outstanding information is need to make a final recommendation on the project.

1. Please provide a list of the farms involved in the project with existing water use on each farm and indicate if the water use has been registered or not. Provide WARMS customer number if registered.
2. Indicate the time period for construction in order for DWS to determine the daily usage.
3. Clear map to indicate roads and river crossings that will be affected.
4. Please provide a letter of Service Agreement with the municipality that will provide waste water services as mentioned in your report.

If you need detail on any aspect of this e-mail, please contact me or Manavhela Tshilidzi as listed in this e-mail.

Regards

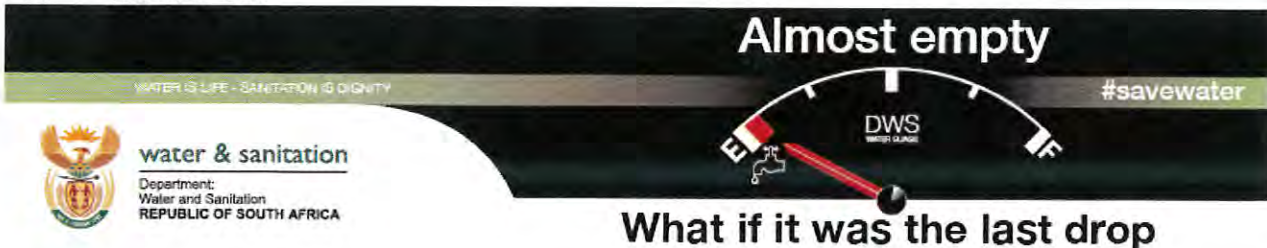
**Hester Lyons**

Control Industrial Technician

Office: 021-941 6187

Cell: 082 809 5866

Fax: 086 276 1351



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**REFERENCE:** 16/3/3/6/4/2/1/C1/5/0125/15  
**ENQUIRIES:** Jessica Christie  
**DATE OF ISSUE:** 25 NOV 2015

The Director  
Environmental Impact Management Services (Pty) Ltd  
PO Box 2083  
**PINEGOWRIE**  
2123

**Attention: Ms. N Hughes**

Tel: (011) 789 7170  
Fax: (011) 787 3059

Dear Madam

**RE: PROPOSED KOMSBERG EAST AND WEST WIND ENERGY FACILITIES, WESTERN AND NORTHERN CAPE PROVINCES – COMMENT ON THE DRAFT SCOPING REPORT**

1. The abovementioned proposal and the draft Scoping Report ("DSR") received by this Directorate in September 2015 refers.
2. This letter serves as acknowledgment of receipt of the afore-mentioned information by this Department and to notify you of whom the case officer is for the commenting authority.
3. Based on information contained in the DSR, this Directorate has the following notes and considerations that need to be taken into account with regard to the site layout and what impact this will have on the receiving environment and what limitations the receiving environment will have on the proposed layout of the development:

3.1. *Biophysical Impacts*

- Potential impacts on surface water resources that occur in close proximity to the site and possible riparian zones
- Potential impacts of increased surface water run-off (viz. increased soil erosion) associated with the establishment of hard surfaces and vegetation clearing (mainly during the construction phase);
- Potential impacts on ground and surface water quality due to hydrocarbon spillages from vehicles during the construction phase of the development;
- Potential impacts on soils due to hydrocarbon spillages from vehicles during the construction and operational phase of the development;



- Destruction of flora within the proposed area stemming from construction activities such as vegetation clearing and topsoil stripping within the site;
- The disruption of ecological processes and loss of landscape connectivity must be addressed.
- Faunal displacement mainly during the construction phase of the project; and adverse impacts on avifauna as a result of potential habitat loss, additional overhead power.
- Potential impacts of the development on the soil and agricultural potential of the site
- Potential increase in dust and noise generation during the construction phase

### 3.2. Socio-Economic

- Job creation during the construction and operational phases of the proposed project;
- Develop education and training initiatives to enable the youth to develop skills especially in Science and Technology.
- Potential impacts or risks to the viability or functioning of existing facilities or enterprises.

The content of the Plan of Study for EIR should include abovementioned aspects.

4. This Directorate now awaits the final Scoping Report (FSR) in order to provide further comment.
5. Kindly quote the abovementioned reference number in any future correspondence in respect of the application.
6. The Department reserves the right to revise initial comments and request further information from you based on any new or revised information received.

Yours faithfully



**HEAD OF COMPONENT: EIMS (REGION 3)**  
**DEPARTMENT OF ENVIRONMENTAL AFFAIRS AND DEVELOPMENT PLANNING**

Copied to:

Mr Muhammed Essop	Department of Environmental Affairs	email: Messop@environment.gov.za
Mr Andre Oosthuizen	DEADP: DDF	email: Andre.ooshuizen@westerncape.gov.za

Environmental Impact Management Services (Pty) Ltd  
PO Box 2083  
Pinegowrie  
2123

Attention: Ms Nobuhle Hughes

Date:  
22 October 2015

Enquiries:  
Owen Peters  
Tel: +27 21 980 3817  
Fax: +27 86 566 7877

Dear Madam

RE: EIA FOR THE PROPOSED KOMSBERG WIND ENERGY FACILITIES

OUR REF: 02548/15

I refer to your notice for the above mentioned project.

This application affects an existing overhead power line in the specified area.

This department has no objection against the proposed EA application subject to the following:

- a) The following building and tree restriction on either side of centre line of overhead power line must be observed:

Voltage	Building restriction either side of centre line
66kV	11m

- b) That existing Eskom power lines and infrastructure are acknowledged as established infrastructure on the properties and any rerouting or relocation would be for the cost of the applicant/developer.
- c) That Eskom rights or servitudes, including agreements with any of the landowners, obtained for the operation and maintenance of these existing power lines and infrastructure be acknowledged and honoured throughout its lifecycle which include, but are not limited to:
- Having 24 hour access to its infrastructure according to the rights mentioned in (a) above,
  - To perform maintenance (structural as well as servitude – vegetation management) on its infrastructure according to its maintenance programmes and schedules,
  - To upgrade or refurbish its existing power lines and infrastructure as determined by Eskom,

iv. To perform any other activity not listed above to ensure the safe operation and maintenance of the Eskom power lines or infrastructure.

d) Any development which necessitates the relocation of Eskom's services will be to the account of the developer.

e) A wayleave application shall be submitted to this department before any construction work commences on the property.

Yours sincerely

A handwritten signature in black ink, appearing to read "Owen Peters". The signature is written in a cursive style with a prominent initial "O".

**Owen Peters**  
**LAND DEVELOPMENT (BRACKENFELL)**



# ESKOM (WESTERN REGION)

## **OCCUPATIONAL HEALTH AND SAFETY ACT (Act No 85 of 1993) WITH REGULATIONS**

### D16 (7) Excavations

"The builder or excavator shall ascertain as far as possible the location and nature of underground services likely to be affected by the excavation and take such steps as may be necessary to prevent danger to persons".

## **THE ELECTRICITY ACT (Act No 41 of 1987)**

### Section 27 (3) : Offences and Penalties

"Any person who without legal right (the proof of which shall be upon him) cuts or damages or interferes with any apparatus for generating, transmitting or distributing electricity, shall be guilty of an offence and liable on conviction to a fine not exceeding R2 000,00 or to imprisonment for a period not exceeding twelve months".

**From:** Lizelle Stroh [mailto:StrohL@caa.co.za]  
**Sent:** 18 December 2015 03:24 PM  
**To:** komsberg@eims.co.za  
**Subject:** Komsberg East and West Wind Farm

Good day Nobuhle, please supply us with the following details regarding the above mentioned wind farm.

The S. A. Civil Aviation Authority has taken note of your intention to develop a wind farm near Komsberg and requires the following information in order to assess the possible impact on aviation.

- An formal application via Form CA139-26 – Wind Farm application, available electronically from the SACAA website([www.caa.co.za](http://www.caa.co.za)), follow link “Information for the industry” – drop down list – Obstacles- Forms.
- Completion of the attached Excel spreadsheet – Property boundaries co –ordinates.
- Completion of the attached Pylon geographic co-ordinates. Should these co-ordinates not be available at this stage, an indication of the planned route of the power evacuation lines to the point of connection with the national grid.
- A live .kmz file(Google Earth or similar) indicating proposed planned turbine layout.

In order to assist with the DEA process, the SACAA will, subject to the proposed wind farm not presenting a hazard, issue a “in principle” conditional approval on the receipt of the planned turbine layout which will be subjected to an in depth assessment accordance with the Civil Aviation Technical Standards. Should the turbine layout change from that which has been provided initially, a new assessment would be required to be conducted. Kindly note, that the conditional approval will be valid for a period of 5 years from date of issue. On completion of the project and receipt of “as built” detail and a statement of compliance to specified conditions, the SACAA will provide a final approval. As the proposed site may be adjacent to areas of military interest, the SAAF will be included in the request for review, once the proposed site and wind farm information is made available for assessment. The SACAA refrains from commenting on a proposal, but will either conditionally support or disapprove the project; from an aviation perspective should the project create a hazard or obstacle to aviation in the area of the project. Following the receipt of the information, an invoice to cover the assessment will be generated and becomes payable before the assessment results will be released.



**Lizell Stroh**  
**Obstacle Specialist**  
**PANS-OPS (Procedures for Air navigation Services – Aircraft Operations)**  
**Air Navigation Services**  
**Tel:** +27 11 545 1232 | **Fax:** +27 011 545 1282 | **Mobile:** +27 83 461 6660 |  
**Email:** [strohl@caa.co.za](mailto:strohl@caa.co.za)  
[www.caa.co.za](http://www.caa.co.za)  
Follow us on  

**From:** Fatima Williams [mailto:Fatima.Williams@drdlr.gov.za]  
**Sent:** 15 February 2016 06:23 PM  
**To:** Komsberg (komsberg@eims.co.za); DAVID SMIT  
**Cc:** Juwairiah Dreyer; Koleka Martins; Neo Choeu; Clareen Collins  
**Subject:** FW: PROPOSED KOMSBERG EAST AND WEST WIND ENERGY FACILITIES, WESTERN AND NORTHERN CAPE PROVINCES - COMMENT ON THE FINAL SCOPING REPORT

Good day,

Thank you we received the documents and have also copied Mr Smit into the communiqué for Operational Management to comment.

Kind regards

***Ms Fatima Williams***

*Deputy Director: Administration*

**COMMISSION ON RESTITUTION OF LAND RIGHTS:** REGIONAL LAND CLAIMS COMMISSION: WESTERN CAPE  
2ND FLOOR, 14 LONG STREET / PRIVATE BAG X9163, CAPE TOWN, 8000;

[T] 021 409 0300 [F] 021 4245146

[C] 0825749164

[Fatima.Williams@drdlr.gov.za](mailto:Fatima.Williams@drdlr.gov.za)

"We are what we repeatedly do. Excellence, then, is not an act, but a habit." - Aristotle





**From:** Benjamin Walton [mailto:landusegeorge@capenature.co.za]  
**Sent:** 07 March 2016 03:55 PM  
**To:** office@arcusconsulting.co.za  
**Cc:** Emoyeni@eims.co.za; komsberg@eims.co.za  
**Subject:** WEF shapefile data required  
**Importance:** High

Hello to whom it may concern:

CapeNature requires shapefiles of the project domains (Phase 1 & 2/ Grid Phase 1& 2) with a list of affected properties and all Wind Turbine positions (both alternatives) as well as all associated road networks for ease of reference, for:

The Umsinde Emoyeni project.  
The Komsberg Project.

Please note I received a CD only for the draft EIAR for Umsinde Emoyeni project (\_684 to\_687); and actually required hardcopies of all specialist reports with A3 maps.  
I have not received a CD or hardcopy of the main report and specialist studies for the Komsberg project (\_856 & \_857).

Could you please submit these urgently?

Kind regards

Benjamin Walton

**Benjamin Walton**

**Scientist: Land Use Advice** | Scientific Services Division  
Central Karoo & Eden District Municipal Areas



**CapeNature**

tel +27 44 802 5300 | fax +27 86 645 2546 | cell +27 082 414 0064  
email [landusegeorge@capenature.co.za](mailto:landusegeorge@capenature.co.za) | postal Private Bag X6546 George 6530  
physical 4th Floor York Park Building, York Street, George 6530  
[www.capenature.co.za](http://www.capenature.co.za)

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# Conversation Record



Date: 8 / 10 / 2015

Time: 14 : 35 AM/PM

EIMS Called

Received Call

Meeting

EIMS Job #: \_\_\_\_\_ Project: Komberg Wind Energy Facilities EIA Project

Name of Person: Mr Johann Biesenbach Organisation: De Fontein trust

Contact Details: Tel/Cell: 082557 0427 Fax: \_\_\_\_\_ Email: \_\_\_\_\_

Address: Portier 3 of Koornplaats

## Comments / Notes:

Francis Barnard (EIMS) contacted Mr Johann Biesenbach to ascertain which bird species he was referring to in his comment where he've indicated that he is concerned about "rare bird species" that are only found in the Moordenaars Karoo. Mr. Biesenbach indicated that he had a bird specialist at the farm a couple of years ago that provided him with a list of "rare bird species" in the area. Mr. Biesenbach however indicated that he currently does not have the information with him to supply it to EIMS, as he is in Stellenbosch and not on the farm.

Mr. Biesenbach additionally raised concerns about the width, location and obstacles in the way of the proposed access road of the project.

Taken by: Francis Barnard *FB*



## **Appendix D9 Proof of initial notification**

List of REGISTERED LETTERS/ Lys van GEREISTREERDE BRIEWE	
Full tracking and tracing/Volledige volg en spoor	
Name and address of sender/ Naam en adres van afsender: Environmental Impact Management Services (Pty) Ltd. 10802/210	
Name and address of addressee/ Naam en adres van afseender: Environmental Impact Management Services (Pty) Ltd. 10802/210	
Afrik Track and Trace customer copy/Plak Volt-Spoor kliëntekopië	
Mrs. Glanda Moloi, National Department of Mineral Resources, Private Bag X59, Arcadia, 0007	REGISTERED LETTER RC 087 070 238 ZA A BOOK COPY
Mr. Khayalethu Matroos, National Department of Mineral Resources, Private Bag X59, Arcadia, 0007	REGISTERED LETTER RC 087 070 237 ZA A BOOK COPY
Mr. Ompf Aphene, National Department of Energy, Private Bag X96, Pretoria, 0001	REGISTERED LETTER RC 087 073 258 ZA A BOOK COPY
Mr. Redithoana Selepe, National Department of Provincial and Local Government, Private Bag X804, Pretoria, 0001	REGISTERED LETTER RC 087 070 278 ZA A BOOK COPY
Mr. Elroy Africa, National Department of Provincial and Local Government, Private Bag X804, Pretoria, 0001	REGISTERED LETTER RC 087 073 248 ZA A BOOK COPY
Ms. Annette Stoltz, National Department of Agriculture, Forestry and Fisheries, Private Bag X120, Pretoria, 0001	REGISTERED LETTER RC 087 070 292 ZA A BOOK COPY
Ms. Thoko Buthezi, National Department of Agriculture, Forestry and Fisheries, Private Bag X120, Pretoria, 0001	REGISTERED LETTER RC 087 073 307 ZA A BOOK COPY
Ms. Mashudu Marubini, National Department of Agriculture, Forestry and Fisheries, Private Bag X120, Pretoria, 0001	REGISTERED LETTER RC 087 070 288 ZA A BOOK COPY
Ms. Sarah Mucobeni, National Department of Agriculture, Forestry and Fisheries, Private Bag X120, Pretoria, 0001	REGISTERED LETTER RC 087 070 244 ZA A BOOK COPY
Ms. Mumsy Gazdie, National Department of Agriculture, Forestry and Fisheries, Private Bag X120, Pretoria, 0001	REGISTERED LETTER RC 087 073 104 ZA A BOOK COPY
Ms. S. Hillinger-Maas, National Department of Agriculture, Forestry and Fisheries, Private Bag X120, Pretoria, 0001	REGISTERED LETTER RC 087 070 313 ZA A BOOK COPY

Number of Letters Posted : 11

Signature of Accepting Officer:



Date Stamp:

List of REGISTERED LETTERS/ Lys van GEREISTREERDE BRIEWE	
Full tracking and tracing/Volledige volg en spoor	
Name and address of sender/ Naam en adres van afseender: Environmental Impact Management Services (Pty) Ltd. 10802/210	
Name and address of addressee/ Naam en adres van afseender: Environmental Impact Management Services (Pty) Ltd. 10802/210	
Afrik Track and Trace customer copy/Plak Volt-Spoor kliëntekopië	
Mr. Selby Bokaba, Department of Agriculture, Forestry and Fisheries, Private Bag X250, Pretoria, 0001	REGISTERED LETTER RC 087 073 373 ZA A BOOK COPY
Mr. Gugile Nkwinti, National Department of Rural Development and Land Reform, Private Bag X833, Pretoria, 0001	REGISTERED LETTER RC 087 070 066 ZA A BOOK COPY
Adv. Vela Mngwenge, National Department of Rural Development and Land Reform, Private Bag X833, Pretoria, 0001	REGISTERED LETTER RC 087 070 393 ZA A BOOK COPY
Mr. Tsepo Mmonagodi, National Department of Rural Development and Land Reform, Private Bag X833, Pretoria, 0001	REGISTERED LETTER RC 087 070 312 ZA A BOOK COPY
Mr. Mava Scott, National Department of Water and Sanitation, Private Bag X313, Pretoria, 0001	REGISTERED LETTER RC 087 070 423 ZA A BOOK COPY
Mr. Lincoln Seelooe, National Department of Water and Sanitation, Private Bag X313, Pretoria, 0001	REGISTERED LETTER RC 087 070 434 ZA A BOOK COPY
Mr. Frans Vilakazi, National Department of Water and Sanitation, Private Bag X313, Pretoria, 0001	REGISTERED LETTER RC 087 073 758 ZA A BOOK COPY
SALGA, P. O. Box 2094, Pretoria, 0001	REGISTERED LETTER RC 087 070 448 ZA A BOOK COPY
Mr. Conrad Agenbach, Department of Environmental Affairs, Private Bag X447, Pretoria, 0001	REGISTERED LETTER RC 087 073 171 ZA A BOOK COPY
Mr. Nyiko Ngoveni, Department of Environmental Affairs, Private Bag X447, Pretoria, 0001	REGISTERED LETTER RC 087 069 983 ZA A BOOK COPY
Ms. Noshlo Ngcaba, Department of Environmental Affairs, Private Bag X447, Pretoria, 0001	REGISTERED LETTER RC 087 070 019 ZA A BOOK COPY

Number of Letters Posted : 11

Signature of Accepting Officer:



Date Stamp:

List of REGISTERED LETTERS/ Lys van GEREISTREERDE BRIEWE	
Full tracking and tracing/Volledige volg en spoor	
Name and address of sender/ Naam en adres van afseender: Environmental Impact Management Services (Pty) Ltd. 10802/210	
Name and address of addressee/ Naam en adres van afseender: Environmental Impact Management Services (Pty) Ltd. 10802/210	
Afrik Track and Trace customer copy/Plak Volt-Spoor kliëntekopië	
Mr. Sam Monareng, Department of Transport, Private Bag X193, Pretoria, 0001	REGISTERED LETTER RC 087 070 229 ZA A BOOK COPY
Mr. Siya Qoza, National Department of Communications, Private Bag X860, Pretoria, 0001	REGISTERED LETTER RC 087 072 713 ZA A BOOK COPY
Mr. Veliwa Baduza, South African Heritage Resources Agency (SAHRA) - National, P. O. Box 4637, Cape Town, 8000	REGISTERED LETTER RC 087 073 340 ZA A BOOK COPY
Ms. Jenny Levin, South African Heritage Resources Agency (SAHRA) - National, P. O. Box 4637, Cape Town, 8000	REGISTERED LETTER RC 087 070 497 ZA A BOOK COPY
Mr. Wilhelm DuP. Theron, Laingsburg Local Municipality, Private Bag X4, Laingsburg, 6900	REGISTERED LETTER RC 087 073 846 ZA A BOOK COPY
Mr. Pedro Williams, Laingsburg Local Municipality, Private Bag X4, Laingsburg, 6900	REGISTERED LETTER RC 087 072 761 ZA A BOOK COPY
Mr. Jan Venter, Laingsburg Local Municipality, Private Bag X4, Laingsburg, 6900	REGISTERED LETTER RC 087 073 717 ZA A BOOK COPY
Clr Bertie van as, Laingsburg Local Municipality, Private Bag X4, Laingsburg, 6900	REGISTERED LETTER RC 087 073 735 ZA A BOOK COPY
Mr. Edward Z. Njodu, Central Karoo District Municipality, Private Bag X560, Beaufort West, 6970	REGISTERED LETTER RC 087 069 897 ZA A BOOK COPY
Mr. Stefanus Jooste, Central Karoo District Municipality, Private Bag X560, Beaufort West, 6970	REGISTERED LETTER RC 087 072 982 ZA A BOOK COPY
Mr. J. Bostander, Central Karoo District Municipality, Private Bag X560, Beaufort West, 6970	REGISTERED LETTER RC 087 073 356 ZA A BOOK COPY

Number of Letters Posted : 11

Signature of Accepting Officer:



Date Stamp:

List of REGISTERED LETTERS/ Lys van GEREISTREERDE BRIEWE	
Full tracking and tracing/Volledige volg en spoor	
Name and address of sender/ Naam en adres van afseender: Environmental Impact Management Services (Pty) Ltd. 10802/210	
Name and address of addressee/ Naam en adres van afseender: Environmental Impact Management Services (Pty) Ltd. 10802/210	
Afrik Track and Trace customer copy/Plak Volt-Spoor kliëntekopië	
Mr. Thando Mguil, Western Cape Department of Human Settlements, Private Bag X9083, Cape Town, 8000	REGISTERED LETTER RC 087 070 156 ZA A BOOK COPY
Ms. Jacqui Gooch, Western Cape Department of Transport and Public Works, Private Bag X9185, Cape Town, 8000	REGISTERED LETTER RC 087 073 718 ZA A BOOK COPY
Ms. Joyene Isaacs, Western Cape Department of Agriculture, Private Bag X1, Eilsenburg, 7607	REGISTERED LETTER RC 087 073 091 ZA A BOOK COPY
Mr. Cor van der Walt, Western Cape Department of Agriculture, Private Bag X1, Eilsenburg, 7607	REGISTERED LETTER RC 087 072 789 ZA A BOOK COPY
Ms. Gail Jacobs, Western Cape Department of Agriculture, Private Bag X1, Eilsenburg, 7607	REGISTERED LETTER RC 087 073 948 ZA A BOOK COPY
Mr. Solly Fourie, Western Cape Department of Economic Development and Tourism, P. O. Box 979, Cape Town, 8000	REGISTERED LETTER RC 087 073 149 ZA A BOOK COPY
Mr. Rashid Khan, Western Cape Department of Water and Sanitation, Private Bag X16, Sanlamhof, 7532	REGISTERED LETTER RC 087 073 948 ZA A BOOK COPY
Mr. S. Mashela, Western Cape Department of Water and Sanitation, Private Bag X16, Sanlamhof, 7532	REGISTERED LETTER RC 087 070 598 ZA A BOOK COPY
Ms. A. Petersen, Western Cape Department of Water and Sanitation, Private Bag X16, Sanlamhof, 7532	REGISTERED LETTER RC 087 070 573 ZA A BOOK COPY
Mr. Michael Warsnip, Western Cape Department of Rural Development and Land Reform, Private Bag X9163, Cape Town, 8000	REGISTERED LETTER RC 087 073 744 ZA A BOOK COPY
Mr. David Smit, Western Cape Department of Rural Development and Land Reform, Private Bag X9163, Cape Town, 8000	REGISTERED LETTER RC 087 070 536 ZA A BOOK COPY

Number of Letters Posted : 11

Signature of Accepting Officer:



Date Stamp:

List of REGISTERED LETTERS/ Lys van GEREIGISTREERDE BRIEWE	
Full tracking and tracing/Volledige volg en spoor	
Name and address of sender/Naam en adres van afstuurder Environmental Impact Management Services (Pty) Ltd. 1080/220	
Name and address of addressee/Naam en adres van afstuurder Affix Track and Trace customer copy/Plak Volg-Spoor klantafskrif	
Ms. Juanita Fortuin, Western Cape Department of Rural Development and Land Reform, Private Bag X9163, Cape Town, 8000	REGISTERED LETTER RC 007 073 356 ZA A BOOK COPY
Ms. Susan Steyn, Western Cape Department of Agriculture, Forestry and Fisheries, Private Bag X9087, Cape Town, 8000	REGISTERED LETTER RC 007 070 261 ZA A BOOK COPY
Mr. Thando Ndulula, Western Cape Department of Agriculture, Forestry and Fisheries, Private Bag X9087, Cape Town, 8000	REGISTERED LETTER RC 007 070 054 ZA A BOOK COPY
Mr. Ayub Mohamed, Western Cape Department of Environmental Affairs and Development Planning, Private Bag X6509, George, 6530	REGISTERED LETTER RC 007 069 935 ZA A BOOK COPY
Ms. Jessica Christie, Western Cape Department of Environmental Affairs and Development Planning: George office, Private Bag X6509, George, 6530	REGISTERED LETTER RC 007 073 345 ZA A BOOK COPY
Mr. Gaynor De Jager, Department of Land Affairs: Western Cape, P.O. Box 602, Beaufort West, 6970	REGISTERED LETTER RC 007 072 979 ZA A BOOK COPY
Mr. J. Rabe, Department of Transport and Public Works: Oudtshoorn Regional Office, Private Bag X617, Oudtshoorn, 6620	REGISTERED LETTER RC 007 070 394 ZA A BOOK COPY
Ms. Johanna Van der Berg, Department of Transport & Public Works: Eden Regional Office, Private Bag X617, Oudtshoorn, 6620	REGISTERED LETTER RC 007 073 444 ZA A BOOK COPY
Mr. M.L. Watters, Western Cape Government: Transport and Public Works, P.O. Box 2603, Cape Town, 8000	REGISTERED LETTER RC 007 073 818 ZA A BOOK COPY
Mr. Cornelius Malgas, Provincial Government of the Western Cape, 9 Wale Street, Cape Town, 800	REGISTERED LETTER RC 007 069 983 ZA A BOOK COPY
Ms. Martie Carstens, Western Cape Department of Economic Development and Tourism, P.O. Box 979, Cape Town, 8000	REGISTERED LETTER RC 007 073 254 ZA A BOOK COPY

Number of Letters Posted : 11      Signature of Accepting Officer: \_\_\_\_\_      Date Stamp: \_\_\_\_\_



List of REGISTERED LETTERS/ Lys van GEREIGISTREERDE BRIEWE	
Full tracking and tracing/Volledige volg en spoor	
Name and address of sender/Naam en adres van afstuurder Environmental Impact Management Services (Pty) Ltd. 1080/220	
Name and address of addressee/Naam en adres van afstuurder Affix Track and Trace customer copy/Plak Volg-Spoor klantafskrif	
Mr. Alwyn Smith, Southern African Alternative Energy Association (SAAEA), P.O.Box 866, Welobole, 1714	REGISTERED LETTER RC 007 078 481 ZA A BOOK COPY
Dr. Mandy Barnett, Cape Action for People and the Environment (C.A.P.E.), Private Bag X7, Claremont, 7735	REGISTERED LETTER RC 007 071 339 ZA A BOOK COPY
Melodie McGeech, SANParks, P.O. Box 216, Steenberg, 7947	REGISTERED LETTER RC 007 070 354 ZA A BOOK COPY
Mr. Hans van der Merwe, Agri SA, Private Bag X180, Centurion, 0046	REGISTERED LETTER RC 007 078 385 ZA A BOOK COPY
Ms. Cornie Swart, Agri Wes-Cape, P.O. Box 227, Paarl, 7620	REGISTERED LETTER RC 007 076 464 ZA A BOOK COPY
Ms. Diana Martins, Northern Cape Tourism authority, Private Bag X5107, Kimberley, 8300	REGISTERED LETTER RC 007 074 417 ZA A BOOK COPY
Mr. Andrew Hall, Heritage Western Cape, Private Bag X9067, Cape Town, 8000	REGISTERED LETTER RC 007 073 078 ZA A BOOK COPY
Ms. Erika van der Linde, Ferret Uranium, P. O. Box 72313, Lynwood Ridge, Pretoria, 0040	REGISTERED LETTER RC 007 073 934 ZA A BOOK COPY
Dr. Ramothlo Sefako, The Southern African Large Telescope (SALT) - Sutherland and Cape Town, P. O. Box 9, Observatory Cape Town, 7925	REGISTERED LETTER RC 007 070 479 ZA A BOOK COPY
Mrs. Thami Tabata, Weather South Africa, Private Bag X097, Pretoria, 0001	REGISTERED LETTER RC 007 072 030 ZA A BOOK COPY
Mr. Makaya Mngqale, Air Traffic and Navigation Services (ATNS) SOC Limited, Private Bag X15, Kempton Park, 1620	REGISTERED LETTER RC 007 070 808 ZA A BOOK COPY

Number of Letters Posted : 11      Signature of Accepting Officer: \_\_\_\_\_      Date Stamp: \_\_\_\_\_



List of REGISTERED LETTERS/ Lys van GEREIGISTREERDE BRIEWE	
Full tracking and tracing/Volledige volg en spoor	
Name and address of sender/Naam en adres van afstuurder Environmental Impact Management Services (Pty) Ltd. 1080/220	
Name and address of addressee/Naam en adres van afstuurder Affix Track and Trace customer copy/Plak Volg-Spoor klantafskrif	
Ms. Joy Fish, Cape Bird Club, 7 Lutgens Road, Rondebosch, 7700	REGISTERED LETTER RC 007 073 197 ZA A BOOK COPY
Ms. Leon Leadit, Diamantveld Voelklub, , No address	
Ms. Kate McEwan, South African Bat Assessment Association (SABAAP), , No address	
Mr. Johan Bothma, Agri Western Cape, P.O. Box 227, Paarl, 7620	REGISTERED LETTER RC 007 073 325 ZA A BOOK COPY
Mr. Henning Myburgh, Agri Northern Cape, P. O. Box 1094, Kimberley, 8300	REGISTERED LETTER RC 007 070 921 ZA A BOOK COPY
Mr. Ratha Timothy, SAHRA Northern Cape, P. O. Box 1930, Kimberley, 8300	REGISTERED LETTER RC 007 072 839 ZA A BOOK COPY
Ms. Mpathi Moko, SANRAL, P.O. Box 415, Pretoria, 0001	REGISTERED LETTER RC 007 070 540 ZA A BOOK COPY
Ms. Deirdre Herbst, Eskom, P.O. Box 1091, Johannesburg, 2001	REGISTERED LETTER RC 007 073 081 ZA A BOOK COPY
Mr. John Geerling, Eskom, P.O. Box 1091, Johannesburg, 2001	REGISTERED LETTER RC 007 073 111 ZA A BOOK COPY
Ms. Lungile Motlasi, Eskom, P.O. Box 1091, Johannesburg, 2000	REGISTERED LETTER RC 007 073 807 ZA A BOOK COPY
Ms. Rochelle McPherson, Eskom, P. O. Box 222, Brackenfell, 7551	REGISTERED LETTER RC 007 070 483 ZA A BOOK COPY

Number of Letters Posted : 9      Signature of Accepting Officer: \_\_\_\_\_      Date Stamp: \_\_\_\_\_



List of REGISTERED LETTERS/ Lys van GEREIGISTREERDE BRIEWE	
Full tracking and tracing/Volledige volg en spoor	
Name and address of sender/Naam en adres van afstuurder Environmental Impact Management Services (Pty) Ltd. 1080/220	
Name and address of addressee/Naam en adres van afstuurder Affix Track and Trace customer copy/Plak Volg-Spoor klantafskrif	
Mr. Rudzani Nemukula, Wildlife and Environment Society of South Africa (WESSA), P. O. Box 435, Farnedale, 2160	REGISTERED LETTER RC 007 069 968 ZA A BOOK COPY
Ms. Philippa Huntly, Wildlife and Environment Society of South Africa (WESSA), P. O. Box 30145, Tokai, 7956	REGISTERED LETTER RC 007 073 047 ZA A BOOK COPY
Ms. Suzanne Erasmus, WESSA Northern Cape Region, P. O. Box 316, Kimberley, 8300	REGISTERED LETTER RC 007 072 210 ZA A BOOK COPY
Mr. Daniel Marnewick, Birdlife South Africa, P. O. Box 515, Randburg, 2125	REGISTERED LETTER RC 007 070 346 ZA A BOOK COPY
Ms. Charmaine Uys, Birdlife South Africa, P. O. Box 515, Randburg, 2125	REGISTERED LETTER RC 007 073 708 ZA A BOOK COPY
Dr. Shadrack Moephuli, Agricultural Research Council, P. O. Box 6783, Pretoria, 0001	REGISTERED LETTER RC 007 070 163 ZA A BOOK COPY
Mr. Constant Hoogstad, Endangered Wildlife Trust, Private Bag X11, Modderfontein, 1645	REGISTERED LETTER RC 007 073 664 ZA A BOOK COPY
Mr. Lourens Leeuwmer, Endangered Wildlife Trust, Private Bag X11, Modderfontein, 1646	REGISTERED LETTER RC 007 073 917 ZA A BOOK COPY
Mr. Johan van den Berg, South African Wind Energy Association (SAWEA), No postal address, ,	
Mr. Henning Holm, Sustainable Energy Society of Southern Africa (SESSA), P.O. Box 868, Farnedale, 2160	REGISTERED LETTER RC 007 073 998 ZA A BOOK COPY
Ms. Adriana Chickash, Sustainable Energy Society of Southern Africa (SESSA), P.O. Box 868, Farnedale, 2160	REGISTERED LETTER RC 007 073 461 ZA A BOOK COPY

Number of Letters Posted : 10      Signature of Accepting Officer: \_\_\_\_\_      Date Stamp: \_\_\_\_\_



List of REGISTERED LETTERS/ Lys van OEGEISTREERDE BRIEWE	
Full tracking and tracing/Volledige volg en spoor	
Name and address of sender/ Naam en adres van afstuurder: Environmental Impact Management Services (Pty) Ltd. 1080/22nd	Allys Track and Trace customer copy/Plak Volf-Spoor
Name and address of addressee/ Naam en adres van afnemer	Kliëntafskrif
Mr. Viljoen Morth, Northern Cape Department of Agriculture, Land Reform and Rural Development, Private Bag X5018, Kimberley, 8300	REGISTERED LETTER RC 097 070 213 ZA A BOOK COPY
Mr. Alf Dikema, Northern Cape Department of Agriculture, Land Reform and Rural Development, Private Bag X5018, Kimberley, 8300	REGISTERED LETTER RC 097 070 213 ZA A BOOK COPY
Ms. Colleen Smuts, Northern Cape Department of Water and Sanitation, Private Bag X6101, Kimberley, 8300	REGISTERED LETTER RC 097 070 213 ZA A BOOK COPY
Mr. Marius Nagel, Northern Cape Department of Communications, Private Bag X5038, Kimberley, 8300	REGISTERED LETTER RC 097 070 213 ZA A BOOK COPY
Ms. Elizabeth Botes, Northern Cape Department of Environment and Nature Conservation, Private Bag X6010, Kimberley, 8300	REGISTERED LETTER RC 097 073 393 ZA A BOOK COPY
Mr. Brian Fisher, Northern Cape of Environment and Nature Conservation, Private Bag X6010, Kimberley, 8300	REGISTERED LETTER RC 097 073 393 ZA A BOOK COPY
Ms. O Ndumao, Northern Cape of Environment and Nature Conservation, Private Bag X6102, Kimberley, 8300	REGISTERED LETTER RC 097 070 213 ZA A BOOK COPY
Ms. Rhundzani Rashikinyi, Sender Technology Park (STP) SENTECH, Private Bag X05, Honeydew, 2040	REGISTERED LETTER RC 097 072 894 ZA A BOOK COPY
Mr. Mabula Mokhele, Earthlife Africa, P. O. Box 32131, Braamfontein, 2107	REGISTERED LETTER RC 097 073 393 ZA A BOOK COPY
Ms. Mona Lakhani, Earthlife Africa, No postal address,	REGISTERED LETTER RC 097 073 393 ZA A BOOK COPY
Ms. Makoma Lekalake, SECCP of Earthlife Africa, P. O. Box 32131, Johannesburg, 2000	REGISTERED LETTER RC 097 073 393 ZA A BOOK COPY



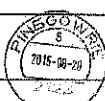
Number of Letters Posted : 10      Signature of Accepting Officer: \_\_\_\_\_      Date Stamp: \_\_\_\_\_

List of REGISTERED LETTERS/ Lys van OEGEISTREERDE BRIEWE	
Full tracking and tracing/Volledige volg en spoor	
Name and address of sender/ Naam en adres van afstuurder: Environmental Impact Management Services (Pty) Ltd. 1080/22nd	Allys Track and Trace customer copy/Plak Volf-Spoor
Name and address of addressee/ Naam en adres van afnemer	Kliëntafskrif
Mr. Ayanda Hollow, Western Cape Department of Communications, P.O. Box 503, Athlone, 7500	REGISTERED LETTER RC 097 073 393 ZA A BOOK COPY
Ms. Leona Bruiners, Western Cape Department of Rural Development and Land Reform, Private Bag X8073, Cape Town, 8000	REGISTERED LETTER RC 097 073 438 ZA A BOOK COPY
Ms. Madie Walters, Laingsburg Tourism, Private Bag X4, Laingsburg, 6500	REGISTERED LETTER RC 097 072 791 ZA A BOOK COPY
Ms. Chantal Haragobin, SALGA - Western Cape, P. O. Box 185, Cape Town, 8000	REGISTERED LETTER RC 097 073 983 ZA A BOOK COPY
Mr. Jan P Jules, Karoo Hoogland Municipality, Private Bag X03, Williston, 8920	REGISTERED LETTER RC 097 073 393 ZA A BOOK COPY
Mr. GW Von Mollendorf, Karoo Hoogland Municipality, Private Bag X03, Williston, 8920	REGISTERED LETTER RC 097 070 143 ZA A BOOK COPY
Clr Jeremy David, Karoo Hoogland Municipality, Private Bag X03, Williston, 8920	REGISTERED LETTER RC 097 070 143 ZA A BOOK COPY
Mr. John Lohwana, Namakwa District Municipality, Private Bag X20, Springbok, 8240	REGISTERED LETTER RC 097 070 143 ZA A BOOK COPY
Mr. Madeleine Brandt, Namakwa District Municipality, Private Bag X20, Springbok, 8240	REGISTERED LETTER RC 097 073 427 ZA A BOOK COPY
Mr. Brian Fisher, Northern Cape Department of Environment & Nature Conservation, Private Bag X6102, Kimberley, 8300	REGISTERED LETTER RC 097 073 393 ZA A BOOK COPY
Ms. Dineo Moloko, Northern Cape Department of Environment & Nature Conservation, Private Bag X6102, Kimberley, 8300	REGISTERED LETTER RC 097 070 173 ZA A BOOK COPY



Number of Letters Posted : 11      Signature of Accepting Officer: \_\_\_\_\_      Date Stamp: \_\_\_\_\_

List of REGISTERED LETTERS/ Lys van OEGEISTREERDE BRIEWE	
Full tracking and tracing/Volledige volg en spoor	
Name and address of sender/ Naam en adres van afstuurder: Environmental Impact Management Services (Pty) Ltd. 1080/22nd	Allys Track and Trace customer copy/Plak Volf-Spoor
Name and address of addressee/ Naam en adres van afnemer	Kliëntafskrif
Mr. Albert Mabunda, Northern Cape Department of Environment & Nature Conservation, Private Bag X6102, Kimberley, 8300	REGISTERED LETTER RC 097 073 169 ZA A BOOK COPY
Mr. Ntsundeni Ravhugoni, Northern Cape Department of Mineral Resources, Private Bag 6093, Kimberley, 8301	REGISTERED LETTER RC 097 073 393 ZA A BOOK COPY
Mr. Obed Mvula, Northern Cape Department of Rural Development and Land Reform, Private Bag X5007, Kimberley, 8300	REGISTERED LETTER RC 097 070 155 ZA A BOOK COPY
Ms. Cindy Benyane, Northern Cape Department of Rural Development and Land Reform, P. O. Box 2458, Kimberley, 8301	REGISTERED LETTER RC 097 073 410 ZA A BOOK COPY
Ms. Natasha Corns, Northern Cape Department of Transport, Roads and Public Works, P. O. Box 3132, Kimberley, 8300	REGISTERED LETTER RC 097 073 458 ZA A BOOK COPY
Mr. Gamliel Abrahams, Northern Cape Department of Cooperative Governance, Human Settlements and Traditional Affairs, Private Bag X5005, Kimberley, 8300	REGISTERED LETTER RC 097 073 393 ZA A BOOK COPY
Ms G Botha, Northern Cape Department of Cooperative Governance, Human Settlements and Traditional Affairs, Private Bag X5005, Kimberley, 8300	REGISTERED LETTER RC 097 073 393 ZA A BOOK COPY
Ms. Jacqueline Mans, Department of Agriculture, Forestry and Fisheries (Uplington), P. O. Box 2782, Uplington, 8800	REGISTERED LETTER RC 097 070 157 ZA A BOOK COPY
Mr. Itumeleng Thetelo, SALGA Northern Cape, P. O. Box 3183, Kimberley, 8300	REGISTERED LETTER RC 097 072 877 ZA A BOOK COPY
Mr. A. Abrahams, Northern Cape Department of Water and Sanitation, Private Bag X6101, Kimberley, 8300	REGISTERED LETTER RC 097 073 299 ZA A BOOK COPY
Ms. Lindwe Franks, Northern Cape Department of Water and Sanitation, Private Bag X6101, Kimberley, 8301	REGISTERED LETTER RC 097 073 166 ZA A BOOK COPY



Number of Letters Posted : 11      Signature of Accepting Officer: \_\_\_\_\_      Date Stamp: \_\_\_\_\_

List of REGISTERED LETTERS/ Lys van OEGEISTREERDE BRIEWE	
Full tracking and tracing/Volledige volg en spoor	
Name and address of sender/ Naam en adres van afstuurder: Environmental Impact Management Services (Pty) Ltd. 1080/22nd	Allys Track and Trace customer copy/Plak Volf-Spoor
Name and address of addressee/ Naam en adres van afnemer	Kliëntafskrif
Ms. Barbara Brown, Central Karoo District Municipality, Private Bag X560, Beaufort West, 6970	REGISTERED LETTER RC 097 073 393 ZA A BOOK COPY
Mrs. Cobri Vermeulen, Western Cape Department of Agriculture, Forestry and Fisheries, No postal address,	REGISTERED LETTER RC 097 073 393 ZA A BOOK COPY
Dr Hildegarde East, Western Cape Department of Local Government, Environmental Affairs and Development Planning, Private Bag X9186, Cape Town, 8000	REGISTERED LETTER RC 097 073 183 ZA A BOOK COPY
Mr. Pieter van Zyl, Western Cape Department of Environmental Affairs and Development Planning, Private Bag X9186, Cape Town, 8000	REGISTERED LETTER RC 097 073 801 ZA A BOOK COPY
Mr. Andre Osthuizen, Western Cape Department of Environmental Affairs and Development Planning, 1 Dorp Street 11th Floor Utilitas Building, Cape Town, 8000	REGISTERED LETTER RC 097 070 553 ZA A BOOK COPY
Mr. Kobus Munro, Western Cape Department of Environmental Affairs and Development Planning - George Office, Private Bag X6509, George, 6530	REGISTERED LETTER RC 097 070 338 ZA A BOOK COPY
Mr. Benjamin Walton, Western Cape Nature Conservation Board (Cape Nature) - Central Karoo & Eden Municipal Areas, Private Bag X6546, George, 6530	REGISTERED LETTER RC 097 072 775 ZA A BOOK COPY
Mr. Vusumuzi Mwelase, Western Cape Department of Mineral Resources, Private Bag X9, Roggebaai, 8012	REGISTERED LETTER RC 097 070 177 ZA A BOOK COPY
Ms. Busisiwe Megazi, Western Cape Department of Mineral Resources, Private Bag X9, Roggebaai, 8012	REGISTERED LETTER RC 097 069 949 ZA A BOOK COPY
Ms. Sibongile Kunene, Western Cape Department of Mineral Resources, Private Bag X9, Roggebaai, 8012	REGISTERED LETTER RC 097 073 925 ZA A BOOK COPY
Prof Craig Househam, Western Cape Department of Health, P. O. Box 2060, Cape Town, 8000	REGISTERED LETTER RC 097 073 920 ZA A BOOK COPY



Number of Letters Posted : 10      Signature of Accepting Officer: \_\_\_\_\_      Date Stamp: \_\_\_\_\_

List of REGISTERED LETTERS/ Lys van GEREGETREERDE BRIEWE	
Full tracking and tracing/Volledige volg en spoor	
Name and address of sender/ Naam en adres van afstuurder: Environmental Impact Management Services (Pty) Ltd, 1086/2120	Name and address of addressee/ Naam en adres van afbestuurder: Affix Track and Trace customer copy/Plak Vull-Spoor Identifikaalrif
Ms. Sibulele Mdngi, Eskom Land Development and Environment Western Cape Operations Unit, No postal address, ,	REGISTERED LETTER RC 007 073 496 ZA A BOOK COPY
Ms. Ayanda Noah, Eskom , P.O. Box 1091, Johannesburg, 2000	REGISTERED LETTER RC 007 073 496 ZA A BOOK COPY
Mr. Eddie Seaton, Transnet , P. O. Box 72501, Parkview, 2122	REGISTERED LETTER RC 007 073 496 ZA A BOOK COPY
Ms. Lizelle Stroh, South African Civil Aviation Authority, Private Bag X73, Halfway House, 1685	REGISTERED LETTER RC 007 073 496 ZA A BOOK COPY
Mr. Christopher Isharwood, South African Civil Aviation Authority, Private Bag X73, Halfway House, 1685	REGISTERED LETTER RC 007 073 496 ZA A BOOK COPY
Dr. Adrian Tiplady, Square Kilometer Array (SKA) Project, P. O. Box 522940, Saxonwold, 2132	REGISTERED LETTER RC 007 073 496 ZA A BOOK COPY
Ms. Colene Runkel, SANRAL, Private Bag X19, Bellville, 7535	REGISTERED LETTER RC 007 073 496 ZA A BOOK COPY
Ms. Marilyn Kleinhans, SANRAL, Private Bag X19, Bellville, 7535	REGISTERED LETTER RC 007 073 496 ZA A BOOK COPY
Mr. Themani Dukula, National Energy Regulator of South Africa (NERSA), P.O. Box 40343, Arcadia, 0007	REGISTERED LETTER RC 007 073 496 ZA A BOOK COPY
Mr. Andile Gasheka, National Energy Regulator of South Africa (NERSA), P.O. Box 40343, Arcadia, 0007	REGISTERED LETTER RC 007 073 496 ZA A BOOK COPY
Mr. Troy Smuts , Heritage Western Cape, Private Bag 29067, Cape Town, 8000	REGISTERED LETTER RC 007 073 496 ZA A BOOK COPY



Number of Letters Posted : 10 Signatures of Accepting Officer:

Date Stamp:

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\*\*\* FAX TX REPORT \*\*\*  
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TRANSMISSION OK

JOB NO. 0474  
DEPT. ID 1086  
DESTINATION ADDRESS 0216968424  
SUBADDRESS  
DESTINATION ID  
ST. TIME 28/08 17:47  
TX/RX TIME 02:59  
PQS. 13  
RESULT OK

Environmental Impact Management Services (Pty) Ltd

Registration Number: 02032707 Director: T. Nkhomo, A. Smith, L. Whitlow  
P.O. Box 2083, Pinetown Block 5, 5 Hunter Avenue  
2123, South Africa Farnside, Rensburg, South Africa  
Telephone: (011) 789-7170 Facsimile: (011) 787-3059  
E-mail: mail@elms.co.za Web: http://www.elms.co.za



FAX			
To:	Western Cape Department of Communication	From:	Nobuhle Hughes
Att:	Ayanda Hollow	Pages:	1 of 13
Fax:	021 606 8424	Date:	28 August 2015
Phone:		Ref:	1086
Cc:		Fax:	011 787 3059
Re:	ENVIRONMENTAL IMPACT ASSESSMENT FOR THE PROPOSED KOMBERG EAST AND WEST WIND ENERGY FACILITIES, WESTERN & NORTHERN CAPE PROVINCES		

Dear Interested and Affected Party,

Please find attached notification (provided in English and Afrikaans) regarding an application for Environmental Authorisation and the availability of the Draft Scoping Report, for the above mentioned project.

If you have any issues and/or concerns in this regard, please do not hesitate to contact EIMS.

Kind Regards,  
Nobuhle Hughes.

***** *** FAX TX REPORT *** *****	
TRANSMISSION OK	
JOB NO.	0474
DEPT. ID	1086
DESTINATION ADDRESS	0123295938
SUBADDRESS	
DESTINATION ID	
ST. TIME	28/08 17:44
TX/RX TIME	02:51
PQS.	13
RESULT	OK

Environmental Impact Management Services (Pty) Ltd

Registration Number: 02032707 Director: T. Nkhomo, A. Smith, L. Whitlow  
P.O. Box 2083, Pinetown Block 5, 5 Hunter Avenue  
2123, South Africa Farnside, Rensburg, South Africa  
Telephone: (011) 789-7170 Facsimile: (011) 787-3059  
E-mail: mail@elms.co.za Web: http://www.elms.co.za



***** *** FAX TX REPORT *** *****	
TRANSMISSION OK	
JOB NO.	0474
DEPT. ID	1086
DESTINATION ADDRESS	0214838311
SUBADDRESS	
DESTINATION ID	
ST. TIME	28/08 17:33
TX/RX TIME	10:12
PQS.	13
RESULT	OK

Environmental Impact Management Services (Pty) Ltd

Registration Number: 02032707 Director: T. Nkhomo, A. Smith, L. Whitlow  
P.O. Box 2083, Pinetown Block 5, 5 Hunter Avenue  
2123, South Africa Farnside, Rensburg, South Africa  
Telephone: (011) 789-7170 Facsimile: (011) 787-3059  
E-mail: mail@elms.co.za Web: http://www.elms.co.za



FAX			
To:	National Department of Agriculture, Fore	From:	Nobuhle Hughes
Att:	Annette Stoltz	Pages:	1 of 13
Fax:	012 329 6938	Date:	28 August 2015
Phone:		Ref:	1086
Cc:		Fax:	011 787 3059
Re:	ENVIRONMENTAL IMPACT ASSESSMENT FOR THE PROPOSED KOMBERG EAST AND WEST WIND ENERGY FACILITIES, WESTERN & NORTHERN CAPE PROVINCES		

Dear Interested and Affected Party,

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If you have any issues and/or concerns in this regard, please do not hesitate to contact EIMS.

Kind Regards,  
Nobuhle Hughes.

FAX			
To:	Western Cape Department of Environmental	From:	Nobuhle Hughes
Att:	Andra Coetzulzen	Pages:	1 of 13
Fax:	021 483 8311	Date:	28 August 2015
Phone:		Ref:	1086
Cc:		Fax:	011 787 3059
Re:	ENVIRONMENTAL IMPACT ASSESSMENT FOR THE PROPOSED KOMBERG EAST AND WEST WIND ENERGY FACILITIES, WESTERN & NORTHERN CAPE PROVINCES		

Dear Interested and Affected Party,

Please find attached notification (provided in English and Afrikaans) regarding an application for Environmental Authorisation and the availability of the Draft Scoping Report, for the above mentioned project.

If you have any issues and/or concerns in this regard, please do not hesitate to contact EIMS.

Kind Regards,  
Nobuhle Hughes.



\*\*\*\*\*  
 \*\*\* FAX TX REPORT \*\*\*  
 \*\*\*\*\*

TRANSMISSION OK

JOB NO.	0458	
DEPT. ID	1086	
DESTINATION ADDRESS	0123367817	
SUBADDRESS		
DESTINATION ID		
ST. TIME	28/08 16:23	
TX/RX TIME	10' 13	
PGS.	13	
RESULT	OK	

**Environmental Impact Management Services (Pty) Ltd**

Registration Number: 22052707 Director: T. Ndlovu, A. Smith, L. Whitlow  
 P.O. Box 2083, Pinetown 2123, South Africa  
 Telephone: (011) 789-7170  
 E-mail: mail@eims.co.za



\*\*\*\*\*  
 \*\*\* FAX TX REPORT \*\*\*  
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TRANSMISSION OK

JOB NO.	0459	
DEPT. ID	1086	
DESTINATION ADDRESS	0126633178	
SUBADDRESS		
DESTINATION ID		
ST. TIME	28/08 16:30	
TX/RX TIME	04' 01	
PGS.	13	
RESULT	OK	

**Environmental Impact Management Services (Pty) Ltd**

Registration Number: 22052707 Director: T. Ndlovu, A. Smith, L. Whitlow  
 P.O. Box 2083, Pinetown 2123, South Africa  
 Telephone: (011) 789-7170  
 E-mail: mail@eims.co.za



FAX			
To:	National Department of Water and Sanitat	From:	Nobuhle Hughes
Att:	Frans Winkler	Pages:	1 of 13
Fax:	012 336 7817	Date:	28 August 2015
Phone:		Ref:	1086
Cc:		Fax:	011 787 3059
Re:	ENVIRONMENTAL IMPACT ASSESSMENT FOR THE PROPOSED KOMSBERG EAST AND WEST WIND ENERGY FACILITIES, WESTERN & NORTHERN CAPE PROVINCES		

Dear Interested and Affected Party,

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If you have any issues and/or concerns in this regard, please do not hesitate to contact EIMS.

Kind Regards,  
 Nobuhle Hughes.

FAX			
To:	Agri SA	From:	Nobuhle Hughes
Att:	Hans van der Merwe	Pages:	1 of 13
Fax:	012 663 3178	Date:	28 August 2015
Phone:		Ref:	1086
Cc:		Fax:	011 787 3059
Re:	ENVIRONMENTAL IMPACT ASSESSMENT FOR THE PROPOSED KOMSBERG EAST AND WEST WIND ENERGY FACILITIES, WESTERN & NORTHERN CAPE PROVINCES		

Dear Interested and Affected Party,

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If you have any issues and/or concerns in this regard, please do not hesitate to contact EIMS.

Kind Regards,  
 Nobuhle Hughes.

\*\*\*\*\*  
 \*\*\* FAX TX REPORT \*\*\*  
 \*\*\*\*\*

TRANSMISSION OK

JOB NO.	0460	
DEPT. ID	1086	
DESTINATION ADDRESS	0217973475	
SUBADDRESS		
DESTINATION ID		
ST. TIME	28/08 16:40	
TX/RX TIME	10' 10	
PGS.	13	
RESULT	OK	

**Environmental Impact Management Services (Pty) Ltd**

Registration Number: 22052707 Director: T. Ndlovu, A. Smith, L. Whitlow  
 P.O. Box 2083, Pinetown 2123, South Africa  
 Telephone: (011) 789-7170  
 E-mail: mail@eims.co.za



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 \*\*\* FAX TX REPORT \*\*\*  
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TRANSMISSION OK

JOB NO.	0461	
DEPT. ID	1086	
DESTINATION ADDRESS	0538321377	
SUBADDRESS		
DESTINATION ID		
ST. TIME	28/08 16:50	
TX/RX TIME	03' 05	
PGS.	13	
RESULT	OK	

**Environmental Impact Management Services (Pty) Ltd**

Registration Number: 22052707 Director: T. Ndlovu, A. Smith, L. Whitlow  
 P.O. Box 2083, Pinetown 2123, South Africa  
 Telephone: (011) 789-7170  
 E-mail: mail@eims.co.za



FAX			
To:	Cape Action for People and the Environm	From:	Nobuhle Hughes
Att:	Mandy Barnet	Pages:	1 of 13
Fax:	021797 3475	Date:	28 August 2015
Phone:		Ref:	1086
Cc:		Fax:	011 787 3059
Re:	ENVIRONMENTAL IMPACT ASSESSMENT FOR THE PROPOSED KOMSBERG EAST AND WEST WIND ENERGY FACILITIES, WESTERN & NORTHERN CAPE PROVINCES		

Dear Interested and Affected Party,

Please find attached notification (provided in English and Afrikaans) regarding an application for Environmental Authorisation and the availability of the Draft Scoping Report, for the above mentioned project.

If you have any issues and/or concerns in this regard, please do not hesitate to contact EIMS.

Kind Regards,  
 Nobuhle Hughes.

FAX			
To:	Northern Cape Department of Communicatio	From:	Nobuhle Hughes
Att:	Marius Nagel	Pages:	1 of 13
Fax:	083 832 1377	Date:	28 August 2015
Phone:		Ref:	1086
Cc:		Fax:	011 787 3059
Re:	ENVIRONMENTAL IMPACT ASSESSMENT FOR THE PROPOSED KOMSBERG EAST AND WEST WIND ENERGY FACILITIES, WESTERN & NORTHERN CAPE PROVINCES		

Dear Interested and Affected Party,

Please find attached notification (provided in English and Afrikaans) regarding an application for Environmental Authorisation and the availability of the Draft Scoping Report, for the above mentioned project.

If you have any issues and/or concerns in this regard, please do not hesitate to contact EIMS.

Kind Regards,  
 Nobuhle Hughes.

\*\*\*\*\*  
 \*\*\* FAX TX REPORT \*\*\*  
 \*\*\*\*\*

TRANSMISSION OK

JOB NO. 0465  
 DEPT. ID 1086  
 DESTINATION ADDRESS 0124014700  
 SUBADDRESS  
 DESTINATION ID  
 ST. TIME 28/08 16:55  
 TX/RX TIME 02:54  
 PGS. 13  
 RESULT OK

**Environmental Impact Management Services (Pty) Ltd**

Registration Number: 820592767 Director: T. Nkhomo, A. Smith, L. Whitlow  
 P.O. Box 2083, Pinetown 2123, South Africa  
 Telephone: (011) 789-7170 Facsimile: (011) 787-3059  
 E-mail: mail@elms.co.za Web: http://www.elms.co.za



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 \*\*\* FAX TX REPORT \*\*\*  
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TRANSMISSION OK

JOB NO. 0466  
 DEPT. ID 1086  
 DESTINATION ADDRESS 0219416100  
 SUBADDRESS  
 DESTINATION ID  
 ST. TIME 28/08 16:59  
 TX/RX TIME 10:15  
 PGS. 13  
 RESULT OK

**Environmental Impact Management Services (Pty) Ltd**

Registration Number: 820592767 Director: T. Nkhomo, A. Smith, L. Whitlow  
 P.O. Box 2083, Pinetown 2123, South Africa  
 Telephone: (011) 789-7170 Facsimile: (011) 787-3059  
 E-mail: mail@elms.co.za Web: http://www.elms.co.za



FAX			
To:	National Energy Regulator of South Africa	From:	Nobuhle Hughes
Att:	Thembani Bukula	Pages:	1 of 13
Fax:	012 401 4700	Date:	28 August 2015
Phone:		Ref:	1086
Cc:		Fax:	011 787 3059
Re:	ENVIRONMENTAL IMPACT ASSESSMENT FOR THE PROPOSED KOMSBERG EAST AND WEST WIND ENERGY FACILITIES, WESTERN & NORTHERN CAPE PROVINCES		

Dear Interested and Affected Party,

Please find attached notification (provided in English and Afrikaans) regarding an application for Environmental Authorisation and the availability of the Draft Scoping Report, for the above mentioned project.

If you have any issues and/or concerns in this regard, please do not hesitate to contact EIMS.

Kind Regards,  
 Nobuhle Hughes.

FAX			
To:	Western Cape Department of Water and San	From:	Nobuhle Hughes
Att:	A Petersen	Pages:	1 of 13
Fax:	021 641 8100	Date:	28 August 2015
Phone:		Ref:	1086
Cc:		Fax:	011 787 3059
Re:	ENVIRONMENTAL IMPACT ASSESSMENT FOR THE PROPOSED KOMSBERG EAST AND WEST WIND ENERGY FACILITIES, WESTERN & NORTHERN CAPE PROVINCES		

Dear Interested and Affected Party,

Please find attached notification (provided in English and Afrikaans) regarding an application for Environmental Authorisation and the availability of the Draft Scoping Report, for the above mentioned project.

If you have any issues and/or concerns in this regard, please do not hesitate to contact EIMS.

Kind Regards,  
 Nobuhle Hughes.

\*\*\*\*\*  
 \*\*\* FAX TX REPORT \*\*\*  
 \*\*\*\*\*

TRANSMISSION OK

JOB NO. 0469  
 DEPT. ID 1086  
 DESTINATION ADDRESS 0114422454  
 SUBADDRESS  
 DESTINATION ID  
 ST. TIME 28/08 17:12  
 TX/RX TIME 03:01  
 PGS. 13  
 RESULT OK

**Environmental Impact Management Services (Pty) Ltd**

Registration Number: 820592767 Director: T. Nkhomo, A. Smith, L. Whitlow  
 P.O. Box 2083, Pinetown 2123, South Africa  
 Telephone: (011) 789-7170 Facsimile: (011) 787-3059  
 E-mail: mail@elms.co.za Web: http://www.elms.co.za



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 \*\*\* FAX TX REPORT \*\*\*  
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TRANSMISSION OK

JOB NO. 0470  
 DEPT. ID 1086  
 DESTINATION ADDRESS 0866087005  
 SUBADDRESS  
 DESTINATION ID  
 ST. TIME 28/08 17:16  
 TX/RX TIME 10:08  
 PGS. 13  
 RESULT OK

**Environmental Impact Management Services (Pty) Ltd**

Registration Number: 820592767 Director: T. Nkhomo, A. Smith, L. Whitlow  
 P.O. Box 2083, Pinetown 2123, South Africa  
 Telephone: (011) 789-7170 Facsimile: (011) 787-3059  
 E-mail: mail@elms.co.za Web: http://www.elms.co.za



FAX			
To:	Square Kilometer Army (SKA) Project	From:	Nobuhle Hughes
Att:	Adrian Tjebady	Pages:	1 of 13
Fax:	011 442 2454	Date:	28 August 2015
Phone:		Ref:	1086
Cc:		Fax:	011 787 3059
Re:	ENVIRONMENTAL IMPACT ASSESSMENT FOR THE PROPOSED KOMSBERG EAST AND WEST WIND ENERGY FACILITIES, WESTERN & NORTHERN CAPE PROVINCES		

Dear Interested and Affected Party,

Please find attached notification (provided in English and Afrikaans) regarding an application for Environmental Authorisation and the availability of the Draft Scoping Report, for the above mentioned project.

If you have any issues and/or concerns in this regard, please do not hesitate to contact EIMS.

Kind Regards,  
 Nobuhle Hughes.

FAX			
To:	Sustainable Energy Society of Southern A	From:	Nobuhle Hughes
Att:	Adriana Chikobah	Pages:	1 of 13
Fax:	0866087005	Date:	28 August 2015
Phone:		Ref:	1086
Cc:		Fax:	011 787 3059
Re:	ENVIRONMENTAL IMPACT ASSESSMENT FOR THE PROPOSED KOMSBERG EAST AND WEST WIND ENERGY FACILITIES, WESTERN & NORTHERN CAPE PROVINCES		

Dear Interested and Affected Party,

Please find attached notification (provided in English and Afrikaans) regarding an application for Environmental Authorisation and the availability of the Draft Scoping Report, for the above mentioned project.

If you have any issues and/or concerns in this regard, please do not hesitate to contact EIMS.

Kind Regards,  
 Nobuhle Hughes.

\*\*\*\*\*  
 \*\*\* FAX TX REPORT \*\*\*  
 \*\*\*\*\*

TRANSMISSION OK

JOB NO. 0473  
 DEPT. ID 1086  
 DESTINATION ADDRESS 0124014700  
 SUBADDRESS  
 DESTINATION ID  
 ST. TIME 28/08 17:30  
 TX/RX TIME 02' 55  
 PGS. 13  
 RESULT OK

**Environmental Impact Management Services (Pty) Ltd**

Registration Number: 52652707 Director: T. Nkomo, A. Smith, L. Whitlow

P.O. Box 2083, Pinetown 2123, South Africa  
 Telephone: (011) 789-7170  
 E-mail: mail@eims.co.za

Block 5, 5 Hunter Avenue  
 Ferndale, Randburg, South Africa  
 Facsimile: (011) 787-3059  
 Web: http://www.eims.co.za



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 \*\*\* FAX TX REPORT \*\*\*  
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TRANSMISSION OK

JOB NO. 0472  
 DEPT. ID 1086  
 DESTINATION ADDRESS 0338324328  
 SUBADDRESS  
 DESTINATION ID  
 ST. TIME 28/08 17:27  
 TX/RX TIME 02' 50  
 PGS. 13  
 RESULT OK

**Environmental Impact Management Services (Pty) Ltd**

Registration Number: 52652707 Director: T. Nkomo, A. Smith, L. Whitlow

P.O. Box 2083, Pinetown 2123, South Africa  
 Telephone: (011) 789-7170  
 E-mail: mail@eims.co.za

Block 5, 5 Hunter Avenue  
 Ferndale, Randburg, South Africa  
 Facsimile: (011) 787-3059  
 Web: http://www.eims.co.za



FAX			
To:	National Energy Regulator of South Africa	From:	Nobuhle Hughes
Att:	Andie Gxehaka	Pages:	1 of 13
Fax:	012401 4700	Date:	28 August 2015
Phone:		Ref:	1086
Cc:		Fax:	011 787 3059
Re:	ENVIRONMENTAL IMPACT ASSESSMENT FOR THE PROPOSED KOMSBERG EAST AND WEST WIND ENERGY FACILITIES, WESTERN & NORTHERN CAPE PROVINCES		

Dear Interested and Affected Party,

Please find attached notification (provided in English and Afrikaans) regarding an application for Environmental Authorisation and the availability of the Draft Scoping Report, for the above mentioned project.

If you have any issues and/or concerns in this regard, please do not hesitate to contact EIMS.

Kind Regards,  
 Nobuhle Hughes.

FAX			
To:	Northern Cape Department of Agriculture,	From:	Nobuhle Hughes
Att:	All Cilame	Pages:	1 of 13
Fax:	053 932 4328	Date:	28 August 2015
Phone:		Ref:	1086
Cc:		Fax:	011 787 3059
Re:	ENVIRONMENTAL IMPACT ASSESSMENT FOR THE PROPOSED KOMSBERG EAST AND WEST WIND ENERGY FACILITIES, WESTERN & NORTHERN CAPE PROVINCES		

Dear Interested and Affected Party,

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Kind Regards,  
 Nobuhle Hughes.

\*\*\*\*\*  
 \*\*\* FAX TX REPORT \*\*\*  
 \*\*\*\*\*

TRANSMISSION OK

JOB NO. 0477  
 DEPT. ID 1086  
 DESTINATION ADDRESS 0866621464  
 SUBADDRESS  
 DESTINATION ID  
 ST. TIME 28/08 17:51  
 TX/RX TIME 25' 18  
 PGS. 13  
 RESULT OK

**Environmental Impact Management Services (Pty) Ltd**

Registration Number: 52652707 Director: T. Nkomo, A. Smith, L. Whitlow

P.O. Box 2083, Pinetown 2123, South Africa  
 Telephone: (011) 789-7170  
 E-mail: mail@eims.co.za

Block 5, 5 Hunter Avenue  
 Ferndale, Randburg, South Africa  
 Facsimile: (011) 787-3059  
 Web: http://www.eims.co.za



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 \*\*\* FAX TX REPORT \*\*\*  
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TRANSMISSION OK

JOB NO. 0480  
 DEPT. ID 1086  
 DESTINATION ADDRESS 0235511019  
 SUBADDRESS  
 DESTINATION ID  
 ST. TIME 28/08 18:28  
 TX/RX TIME 03' 44  
 PGS. 13  
 RESULT OK

**Environmental Impact Management Services (Pty) Ltd**

Registration Number: 52652707 Director: T. Nkomo, A. Smith, L. Whitlow

P.O. Box 2083, Pinetown 2123, South Africa  
 Telephone: (011) 789-7170  
 E-mail: mail@eims.co.za

Block 5, 5 Hunter Avenue  
 Ferndale, Randburg, South Africa  
 Facsimile: (011) 787-3059  
 Web: http://www.eims.co.za



FAX			
To:	Eskom	From:	Nobuhle Hughes
Att:	Ayanda Nooh	Pages:	1 of 13
Fax:	066 662 1464	Date:	28 August 2015
Phone:		Ref:	1086
Cc:		Fax:	011 787 3059
Re:	ENVIRONMENTAL IMPACT ASSESSMENT FOR THE PROPOSED KOMSBERG EAST AND WEST WIND ENERGY FACILITIES, WESTERN & NORTHERN CAPE PROVINCES		

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Kind Regards,  
 Nobuhle Hughes.

FAX			
To:	Laingsburg Local Municipality	From:	Nobuhle Hughes
Att:	Bertie van aa	Pages:	1 of 13
Fax:	023 561 1019	Date:	28 August 2015
Phone:		Ref:	1086
Cc:		Fax:	011 787 3059
Re:	ENVIRONMENTAL IMPACT ASSESSMENT FOR THE PROPOSED KOMSBERG EAST AND WEST WIND ENERGY FACILITIES, WESTERN & NORTHERN CAPE PROVINCES		

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Kind Regards,  
 Nobuhle Hughes.

\*\*\*\*\*  
 \*\*\* FAX TX REPORT \*\*\*  
 \*\*\*\*\*

TRANSMISSION OK

JOB NO. 0481  
 DEPT. ID 1086  
 DESTINATION ADDRESS 0538313530  
 SUBADDRESS  
 DESTINATION ID  
 ST. TIME 28/08 18:32  
 TX/RX TIME 03'15  
 PGS. 13  
 RESULT OK

**Environmental Impact Management Services (Pty) Ltd**

Registration Number: 920492707 Director: T. Ntshela, A. Smith, L. Whitlow  
 P.O. Box 2063, Pinegowrie Block 5, 5 Hunter Avenue  
 2123, South Africa Ferndale, Randburg, South Africa  
 Telephone: (011) 789-7170 Facsimile: (011) 787-3059  
 E-mail: mail@eims.co.za Web: http://www.eims.co.za



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 \*\*\* FAX TX REPORT \*\*\*  
 \*\*\*\*\*

TRANSMISSION OK

JOB NO. 0483  
 DEPT. ID 1086  
 DESTINATION ADDRESS 0214182709  
 SUBADDRESS  
 DESTINATION ID  
 ST. TIME 28/08 18:37  
 TX/RX TIME 03'25  
 PGS. 13  
 RESULT OK

**Environmental Impact Management Services (Pty) Ltd**

Registration Number: 920492707 Director: T. Ntshela, A. Smith, L. Whitlow  
 P.O. Box 2063, Pinegowrie Block 5, 5 Hunter Avenue  
 2123, South Africa Ferndale, Randburg, South Africa  
 Telephone: (011) 789-7170 Facsimile: (011) 787-3059  
 E-mail: mail@eims.co.za Web: http://www.eims.co.za



FAX			
To:	Northern Cape Department of Environment	From:	Nobuhle Hughes
Att:	Brian Fisher	Pages:	1 of 13
Fax:	053 831 3530	Date:	28 August 2015
Phone:		Ref:	1086
Cc:		Fax:	011 787 3059
Re:	ENVIRONMENTAL IMPACT ASSESSMENT FOR THE PROPOSED KOMBERG EAST AND WEST WIND ENERGY FACILITIES, WESTERN & NORTHERN CAPE PROVINCES		

Dear Interested and Affected Party,

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If you have any issues and/or concerns in this regard, please do not hesitate to contact EIMS.

Kind Regards,  
 Nobuhle Hughes.

FAX			
To:	SALGA - Western Cape	From:	Nobuhle Hughes
Att:	Chantal Harigobin	Pages:	1 of 13
Fax:	021 418 2708	Date:	28 August 2015
Phone:		Ref:	1086
Cc:		Fax:	011 787 3059
Re:	ENVIRONMENTAL IMPACT ASSESSMENT FOR THE PROPOSED KOMBERG EAST AND WEST WIND ENERGY FACILITIES, WESTERN & NORTHERN CAPE PROVINCES		

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Kind Regards,  
 Nobuhle Hughes.

\*\*\*\*\*  
 \*\*\* FAX TX REPORT \*\*\*  
 \*\*\*\*\*

TRANSMISSION OK

JOB NO. 0486  
 DEPT. ID 1086  
 DESTINATION ADDRESS 0538316501  
 SUBADDRESS  
 DESTINATION ID  
 ST. TIME 28/08 18:42  
 TX/RX TIME 05'29  
 PGS. 13  
 RESULT OK

**Environmental Impact Management Services (Pty) Ltd**

Registration Number: 920492707 Director: T. Ntshela, A. Smith, L. Whitlow  
 P.O. Box 2063, Pinegowrie Block 5, 5 Hunter Avenue  
 2123, South Africa Ferndale, Randburg, South Africa  
 Telephone: (011) 789-7170 Facsimile: (011) 787-3059  
 E-mail: mail@eims.co.za Web: http://www.eims.co.za



\*\*\*\*\*  
 \*\*\* FAX TX REPORT \*\*\*  
 \*\*\*\*\*

TRANSMISSION OK

JOB NO. 0487  
 DEPT. ID 1086  
 DESTINATION ADDRESS 0443825461  
 SUBADDRESS  
 DESTINATION ID  
 ST. TIME 28/08 18:48  
 TX/RX TIME 02'57  
 PGS. 13  
 RESULT OK

**Environmental Impact Management Services (Pty) Ltd**

Registration Number: 920492707 Director: T. Ntshela, A. Smith, L. Whitlow  
 P.O. Box 2063, Pinegowrie Block 5, 5 Hunter Avenue  
 2123, South Africa Ferndale, Randburg, South Africa  
 Telephone: (011) 789-7170 Facsimile: (011) 787-3059  
 E-mail: mail@eims.co.za Web: http://www.eims.co.za



FAX			
To:	Northern Cape Department of Rural Develo	From:	Nobuhle Hughes
Att:	Cindy Beryane	Pages:	1 of 13
Fax:	053 831 6501	Date:	28 August 2015
Phone:		Ref:	1086
Cc:		Fax:	011 787 3059
Re:	ENVIRONMENTAL IMPACT ASSESSMENT FOR THE PROPOSED KOMBERG EAST AND WEST WIND ENERGY FACILITIES, WESTERN & NORTHERN CAPE PROVINCES		

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Kind Regards,  
 Nobuhle Hughes.

FAX			
To:	Western Cape Department of Agriculture,	From:	Nobuhle Hughes
Att:	Cobn Varmeuian	Pages:	1 of 13
Fax:	044 352 9481	Date:	28 August 2015
Phone:		Ref:	1086
Cc:		Fax:	011 787 3059
Re:	ENVIRONMENTAL IMPACT ASSESSMENT FOR THE PROPOSED KOMBERG EAST AND WEST WIND ENERGY FACILITIES, WESTERN & NORTHERN CAPE PROVINCES		

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Kind Regards,  
 Nobuhle Hughes.

\*\*\*\*\*  
 \*\*\* FAX TX REPORT \*\*\*  
 \*\*\*\*\*

TRANSMISSION OK

JOB NO. 0489  
 DEPT. ID 1086  
 DESTINATION ADDRESS 0219101599  
 SUBADDRESS  
 DESTINATION ID  
 ST. TIME 28/08 18:52  
 TX/RX TIME 10' 25  
 PGS. 13  
 RESULT OK

**Environmental Impact Management Services (Pty) Ltd**

Registration Number: 22692767 Director: T. Mkhize, A. Smith, L. Whitlow

P.O. Box 2083, Pinetown 2123, South Africa  
 Telephone: (011) 789-7170  
 E-mail: mail@eims.co.za

Block 5, 5 Hunter Avenue  
 Fordsburg, Randburg, South Africa  
 Facsimile: (011) 787-3059  
 Web: http://www.eims.co.za



\*\*\*\*\*  
 \*\*\* FAX TX REPORT \*\*\*  
 \*\*\*\*\*

TRANSMISSION OK

JOB NO. 0491  
 DEPT. ID 1086  
 DESTINATION ADDRESS 0116084682  
 SUBADDRESS  
 DESTINATION ID  
 ST. TIME 28/08 19:08  
 TX/RX TIME 11' 29  
 PGS. 13  
 RESULT OK

**Environmental Impact Management Services (Pty) Ltd**

Registration Number: 22692767 Director: T. Mkhize, A. Smith, L. Whitlow

P.O. Box 2083, Pinetown 2123, South Africa  
 Telephone: (011) 789-7170  
 E-mail: mail@eims.co.za

Block 5, 5 Hunter Avenue  
 Fordsburg, Randburg, South Africa  
 Facsimile: (011) 787-3059  
 Web: http://www.eims.co.za



FAX			
To:	SANRAL	From:	Nobuhle Hughes
Att:	Colene Runkel	Pages:	1 of 13
Fax:	021 910 1899	Date:	28 August 2015
Phone:		Ref:	1089
Cc:		Fax:	011 787 3059
Re:	ENVIRONMENTAL IMPACT ASSESSMENT FOR THE PROPOSED KOMSBERG EAST AND WEST WIND ENERGY FACILITIES, WESTERN & NORTHERN CAPE PROVINCES		

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If you have any issues and/or concerns in this regard, please do not hesitate to contact EIMS.

Kind Regards,  
 Nobuhle Hughes.

FAX			
To:	Endangered Wildlife Trust	From:	Nobuhle Hughes
Att:	Constant Hoogstad	Pages:	1 of 13
Fax:	011 608 4882	Date:	28 August 2015
Phone:		Ref:	1089
Cc:		Fax:	011 787 3059
Re:	ENVIRONMENTAL IMPACT ASSESSMENT FOR THE PROPOSED KOMSBERG EAST AND WEST WIND ENERGY FACILITIES, WESTERN & NORTHERN CAPE PROVINCES		

Dear Interested and Affected Party,

Please find attached notification (provided in English and Afrikaans) regarding an application for Environmental Authorisation and the availability of the Draft Scoping Report, for the above mentioned project.

If you have any issues and/or concerns in this regard, please do not hesitate to contact EIMS.

Kind Regards,  
 Nobuhle Hughes.

\*\*\*\*\*  
 \*\*\* FAX TX REPORT \*\*\*  
 \*\*\*\*\*

TRANSMISSION OK

JOB NO. 0493  
 DEPT. ID 1086  
 DESTINATION ADDRESS 0214837216  
 SUBADDRESS  
 DESTINATION ID  
 ST. TIME 28/08 19:16  
 TX/RX TIME 05' 04  
 PGS. 13  
 RESULT OK

**Environmental Impact Management Services (Pty) Ltd**

Registration Number: 22692767 Director: T. Mkhize, A. Smith, L. Whitlow

P.O. Box 2083, Pinetown 2123, South Africa  
 Telephone: (011) 789-7170  
 E-mail: mail@eims.co.za

Block 5, 5 Hunter Avenue  
 Fordsburg, Randburg, South Africa  
 Facsimile: (011) 787-3059  
 Web: http://www.eims.co.za



\*\*\*\*\*  
 \*\*\* FAX TX REPORT \*\*\*  
 \*\*\*\*\*

TRANSMISSION OK

JOB NO. 0494  
 DEPT. ID 1086  
 DESTINATION ADDRESS 0218723398  
 SUBADDRESS  
 DESTINATION ID  
 ST. TIME 28/08 19:22  
 TX/RX TIME 03' 27  
 PGS. 13  
 RESULT OK

**Environmental Impact Management Services (Pty) Ltd**

Registration Number: 22692767 Director: T. Mkhize, A. Smith, L. Whitlow

P.O. Box 2083, Pinetown 2123, South Africa  
 Telephone: (011) 789-7170  
 E-mail: mail@eims.co.za

Block 5, 5 Hunter Avenue  
 Fordsburg, Randburg, South Africa  
 Facsimile: (011) 787-3059  
 Web: http://www.eims.co.za



FAX			
To:	Provincial Government of the Western Cap	From:	Nobuhle Hughes
Att:	Cornelius Malgas	Pages:	1 of 13
Fax:	021 485 7216	Date:	28 August 2015
Phone:		Ref:	1089
Cc:		Fax:	011 787 3059
Re:	ENVIRONMENTAL IMPACT ASSESSMENT FOR THE PROPOSED KOMSBERG EAST AND WEST WIND ENERGY FACILITIES, WESTERN & NORTHERN CAPE PROVINCES		

Dear Interested and Affected Party,

Please find attached notification (provided in English and Afrikaans) regarding an application for Environmental Authorisation and the availability of the Draft Scoping Report, for the above mentioned project.

If you have any issues and/or concerns in this regard, please do not hesitate to contact EIMS.

Kind Regards,  
 Nobuhle Hughes.

FAX			
To:	Agri Wes-Cape	From:	Nobuhle Hughes
Att:	Comie Swiel	Pages:	1 of 13
Fax:	021 872 3398	Date:	28 August 2015
Phone:		Ref:	1089
Cc:		Fax:	011 787 3059
Re:	ENVIRONMENTAL IMPACT ASSESSMENT FOR THE PROPOSED KOMSBERG EAST AND WEST WIND ENERGY FACILITIES, WESTERN & NORTHERN CAPE PROVINCES		

Dear Interested and Affected Party,

Please find attached notification (provided in English and Afrikaans) regarding an application for Environmental Authorisation and the availability of the Draft Scoping Report, for the above mentioned project.

If you have any issues and/or concerns in this regard, please do not hesitate to contact EIMS.

Kind Regards,  
 Nobuhle Hughes.



\*\*\*\*\*  
 \*\*\* FAX TX REPORT \*\*\*  
 \*\*\*\*\*

TRANSMISSION OK

JOB NO. 0497  
 DEPT. ID 1086  
 DESTINATION ADDRESS 0865343331  
 SUBADDRESS  
 DESTINATION ID  
 ST. TIME 28/08 19:28  
 TX/RX TIME 50' 35  
 PGS. 13  
 RESULT OK

**Environmental Impact Management Services (Pty) Ltd**

Registration Number: 32065797/07 Director: T. Nkomo, A. Smith, L. Whitow

P.O. Box 2063, Pinetown 2123, South Africa  
 Telephone: (011) 789-7170  
 E-mail: mail@eims.co.za

Block 5, 5 Hunter Avenue  
 Ferndale, Randburg, South Africa  
 Facsimile: (011) 787-3059  
 Web: http://www.eims.co.za



\*\*\*\*\*  
 \*\*\* FAX TX REPORT \*\*\*  
 \*\*\*\*\*

TRANSMISSION OK

JOB NO. 0498  
 DEPT. ID 1086  
 DESTINATION ADDRESS 0865606092  
 SUBADDRESS  
 DESTINATION ID  
 ST. TIME 28/08 20:19  
 TX/RX TIME 26' 13  
 PGS. 13  
 RESULT OK

**Environmental Impact Management Services (Pty) Ltd**

Registration Number: 32065797/07 Director: T. Nkomo, A. Smith, L. Whitow

P.O. Box 2063, Pinetown 2123, South Africa  
 Telephone: (011) 789-7170  
 E-mail: mail@eims.co.za

Block 5, 5 Hunter Avenue  
 Ferndale, Randburg, South Africa  
 Facsimile: (011) 787-3059  
 Web: http://www.eims.co.za



FAX			
To:	Western Cape Department of Rural Develop	From:	Nobuhle Hughes
Att:	David Smit	Pages:	1 of 13
Fax:	086 534 3331	Date:	28 August 2015
Phone:		Ref:	1086
Cc:		Fax:	011 787 3059
Re:	ENVIRONMENTAL IMPACT ASSESSMENT FOR THE PROPOSED KOMSBERG EAST AND WEST WIND ENERGY FACILITIES, WESTERN & NORTHERN CAPE PROVINCES		

Dear Interested and Affected Party,

Please find attached notification (provided in English and Afrikaans) regarding an application for Environmental Authorisation and the availability of the Draft Scoping Report, for the above mentioned project.

If you have any issues and/or concerns in this regard, please do not hesitate to contact EIMS.

Kind Regards,  
 Nobuhle Hughes.

FAX			
To:	Estkom	From:	Nobuhle Hughes
Att:	Deldre Harberst	Pages:	1 of 13
Fax:	086 680 6092	Date:	28 August 2015
Phone:		Ref:	1086
Cc:		Fax:	011 787 3059
Re:	ENVIRONMENTAL IMPACT ASSESSMENT FOR THE PROPOSED KOMSBERG EAST AND WEST WIND ENERGY FACILITIES, WESTERN & NORTHERN CAPE PROVINCES		

Dear Interested and Affected Party,

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If you have any issues and/or concerns in this regard, please do not hesitate to contact EIMS.

Kind Regards,  
 Nobuhle Hughes.

\*\*\*\*\*  
 \*\*\* FAX TX REPORT \*\*\*  
 \*\*\*\*\*

TRANSMISSION OK

JOB NO. 0499  
 DEPT. ID 1086  
 DESTINATION ADDRESS 0538312937  
 SUBADDRESS  
 DESTINATION ID  
 ST. TIME 28/08 20:46  
 TX/RX TIME 03' 19  
 PGS. 13  
 RESULT OK

**Environmental Impact Management Services (Pty) Ltd**

Registration Number: 32065797/07 Director: T. Nkomo, A. Smith, L. Whitow

P.O. Box 2063, Pinetown 2123, South Africa  
 Telephone: (011) 789-7170  
 E-mail: mail@eims.co.za

Block 5, 5 Hunter Avenue  
 Ferndale, Randburg, South Africa  
 Facsimile: (011) 787-3059  
 Web: http://www.eims.co.za



\*\*\*\*\*  
 \*\*\* FAX TX REPORT \*\*\*  
 \*\*\*\*\*

TRANSMISSION OK

JOB NO. 0500  
 DEPT. ID 1086  
 DESTINATION ADDRESS 0538313530  
 SUBADDRESS  
 DESTINATION ID  
 ST. TIME 28/08 20:50  
 TX/RX TIME 03' 13  
 PGS. 13  
 RESULT OK

**Environmental Impact Management Services (Pty) Ltd**

Registration Number: 32065797/07 Director: T. Nkomo, A. Smith, L. Whitow

P.O. Box 2063, Pinetown 2123, South Africa  
 Telephone: (011) 789-7170  
 E-mail: mail@eims.co.za

Block 5, 5 Hunter Avenue  
 Ferndale, Randburg, South Africa  
 Facsimile: (011) 787-3059  
 Web: http://www.eims.co.za



FAX			
To:	Northern Cape Tourism authority	From:	Nobuhle Hughes
Att:	Diana Martins	Pages:	1 of 13
Fax:	053 631 2937	Date:	28 August 2015
Phone:		Ref:	1086
Cc:		Fax:	011 787 3059
Re:	ENVIRONMENTAL IMPACT ASSESSMENT FOR THE PROPOSED KOMSBERG EAST AND WEST WIND ENERGY FACILITIES, WESTERN & NORTHERN CAPE PROVINCES		

Dear Interested and Affected Party,

Please find attached notification (provided in English and Afrikaans) regarding an application for Environmental Authorisation and the availability of the Draft Scoping Report, for the above mentioned project.

If you have any issues and/or concerns in this regard, please do not hesitate to contact EIMS.

Kind Regards,  
 Nobuhle Hughes.

FAX			
To:	Northern Cape Department of Environment	From:	Nobuhle Hughes
Att:	Dineo Moleko	Pages:	1 of 13
Fax:	053 631 3630	Date:	28 August 2015
Phone:		Ref:	1086
Cc:		Fax:	011 787 3059
Re:	ENVIRONMENTAL IMPACT ASSESSMENT FOR THE PROPOSED KOMSBERG EAST AND WEST WIND ENERGY FACILITIES, WESTERN & NORTHERN CAPE PROVINCES		

Dear Interested and Affected Party,

Please find attached notification (provided in English and Afrikaans) regarding an application for Environmental Authorisation and the availability of the Draft Scoping Report, for the above mentioned project.

If you have any issues and/or concerns in this regard, please do not hesitate to contact EIMS.

Kind Regards,  
 Nobuhle Hughes.

\*\*\*\*\*  
 \*\*\* FAX TX REPORT \*\*\*  
 \*\*\*\*\*

TRANSMISSION OK

JOB NO. 0902  
 DEPT. ID 1086  
 DESTINATION ADDRESS 0358711062  
 SUBADDRESS  
 DESTINATION ID  
 ST. TIME 28/08 20:56  
 TX/RX TIME 02'55  
 PGS. 13  
 RESULT OK

## Environmental Impact Management Services (Pty) Ltd

Registration Number: 926592707 Director: T. Nkhomo, A. Smith, L. Whitlow

P.O. Box 2083, Pinegowrie  
2123, South Africa  
Telephone: (011) 789-7170  
E-mail: mail@eims.co.zaBlock 5, 5 Hunter Avenue  
Fernside, Randburg, South Africa  
Facsimile: (011) 787-3059  
Web: http://www.eims.co.za

\*\*\*\*\*  
 \*\*\* FAX ERROR TX REPORT \*\*\*  
 \*\*\*\*\*

TX FUNCTION WAS NOT COMPLETED

JOB NO. 0456  
 DEPT. ID 1086  
 DESTINATION ADDRESS 0125699001  
 SUBADDRESS  
 DESTINATION ID  
 ST. TIME 28/08 20:59  
 TX/RX TIME 00'00  
 PGS. 0  
 RESULT NO  
 #018 BUSY/NO SIGNAL

## Environmental Impact Management Services (Pty) Ltd

Registration Number: 926592707 Director: T. Nkhomo, A. Smith, L. Whitlow

P.O. Box 2083, Pinegowrie  
2123, South Africa  
Telephone: (011) 789-7170  
E-mail: mail@eims.co.zaBlock 5, 5 Hunter Avenue  
Fernside, Randburg, South Africa  
Facsimile: (011) 787-3059  
Web: http://www.eims.co.za

FAX			
To:	Northern Cape Department of Environment e	From:	Nobuhle Hughes
Att:	Elizabeth Botes	Pages:	1 of 13
Fax:	053 871 1062	Date:	28 August 2015
Phone:		Ref:	1066
Cc:		Fax:	011 787 3059
Re:	ENVIRONMENTAL IMPACT ASSESSMENT FOR THE PROPOSED KOSBERG EAST AND WEST WIND ENERGY FACILITIES, WESTERN & NORTHERN CAPE PROVINCES		

Dear Interested and Affected Party,

Please find attached notification provided in English and Afrikaans regarding an application for Environmental Authorisation and the availability of the Draft Scoping Report, for the above mentioned project.

If you have any issues and/or concerns in this regard, please do not hesitate to contact EIMS.

Kind Regards,  
Nobuhle Hughes.

FAX			
To:	SALGA	From:	Nobuhle Hughes
Att:		Pages:	1 of 13
Fax:	012 369 8001	Date:	28 August 2015
Phone:		Ref:	1066
Cc:		Fax:	011 787 3059
Re:	ENVIRONMENTAL IMPACT ASSESSMENT FOR THE PROPOSED KOSBERG EAST AND WEST WIND ENERGY FACILITIES, WESTERN & NORTHERN CAPE PROVINCES		

Dear Interested and Affected Party,

Please find attached notification (provided in English and Afrikaans) regarding an application for Environmental Authorisation and the availability of the Draft Scoping Report, for the above mentioned project.

If you have any issues and/or concerns in this regard, please do not hesitate to contact EIMS.

Kind Regards,  
Nobuhle Hughes.

\*\*\*\*\*  
 \*\*\* FAX TX REPORT \*\*\*  
 \*\*\*\*\*

TRANSMISSION OK

JOB NO. 0584  
 DEPT. ID 1086  
 DESTINATION ADDRESS 0667166676  
 SUBADDRESS  
 DESTINATION ID  
 ST. TIME 28/08 21:00  
 TX/RX TIME 50'34  
 PGS. 13  
 RESULT OK

## Environmental Impact Management Services (Pty) Ltd

Registration Number: 926592707 Director: T. Nkhomo, A. Smith, L. Whitlow

P.O. Box 2083, Pinegowrie  
2123, South Africa  
Telephone: (011) 789-7170  
E-mail: mail@eims.co.zaBlock 5, 5 Hunter Avenue  
Fernside, Randburg, South Africa  
Facsimile: (011) 787-3059  
Web: http://www.eims.co.za

FAX			
To:	Ferret Uranium	From:	Nobuhle Hughes
Att:	Ernie van der Linde	Pages:	1 of 13
Fax:	086 716 6978	Date:	28 August 2015
Phone:		Ref:	1066
Cc:		Fax:	011 787 3059
Re:	ENVIRONMENTAL IMPACT ASSESSMENT FOR THE PROPOSED KOSBERG EAST AND WEST WIND ENERGY FACILITIES, WESTERN & NORTHERN CAPE PROVINCES		

Dear Interested and Affected Party,

Please find attached notification (provided in English and Afrikaans) regarding an application for Environmental Authorisation and the availability of the Draft Scoping Report, for the above mentioned project.

If you have any issues and/or concerns in this regard, please do not hesitate to contact EIMS.

Kind Regards,  
Nobuhle Hughes.

\*\*\*\*\*  
 \*\*\* FAX TX REPORT \*\*\*  
 \*\*\*\*\*

TRANSMISSION OK

JOB NO. 0505  
 DEPT. ID 1086  
 DESTINATION ADDRESS 0538318718  
 SUBADDRESS  
 DESTINATION ID  
 ST. TIME 28/08 21:51  
 TX/RX TIME 03'06  
 PGS. 13  
 RESULT OK

## Environmental Impact Management Services (Pty) Ltd

Registration Number: 926592707 Director: T. Nkhomo, A. Smith, L. Whitlow

P.O. Box 2083, Pinegowrie  
2123, South Africa  
Telephone: (011) 789-7170  
E-mail: mail@eims.co.zaBlock 5, 5 Hunter Avenue  
Fernside, Randburg, South Africa  
Facsimile: (011) 787-3059  
Web: http://www.eims.co.za

FAX			
To:	Northern Cape Department of Cooperative	From:	Nobuhle Hughes
Att:	G Botha	Pages:	1 of 13
Fax:	053 631 8718	Date:	28 August 2015
Phone:		Ref:	1066
Cc:		Fax:	011 787 3059
Re:	ENVIRONMENTAL IMPACT ASSESSMENT FOR THE PROPOSED KOSBERG EAST AND WEST WIND ENERGY FACILITIES, WESTERN & NORTHERN CAPE PROVINCES		

Dear Interested and Affected Party,

Please find attached notification (provided in English and Afrikaans) regarding an application for Environmental Authorisation and the availability of the Draft Scoping Report, for the above mentioned project.

If you have any issues and/or concerns in this regard, please do not hesitate to contact EIMS.

Kind Regards,  
Nobuhle Hughes.

\*\*\*\*\*  
 \*\*\* FAX TX REPORT \*\*\*  
 \*\*\*\*\*

TRANSMISSION OK

JOB NO. 0507  
 DEPT. ID 1086  
 DESTINATION ADDRESS 0865162183  
 SUBADDRESS  
 DESTINATION ID  
 ST. TIME 28/08 21:55  
 TX/RX TIME 28/08 21:27  
 PGS. 13  
 RESULT OK

**Environmental Impact Management Services (Pty) Ltd**

Registration Number: 82052707 Director: T. Mkhale, A. Smith, L. Whitlow

P.O. Box 2083, Pinegowrie 2123, South Africa  
 Telephone: (011) 789-7170 E-mail: mail@eims.co.za

Block 5, 5 Hunter Avenue Ferndale, Randburg, South Africa  
 Facsimile: (011) 787-3059 Web: http://www.eims.co.za



FAX	
To:	Karoo Hoogland Municipality
Alt:	GW Von Mollendorf
Fax:	089 519 2183
Phone:	
Cc:	
Re:	ENVIRONMENTAL IMPACT ASSESSMENT FOR THE PROPOSED KONSBERG EAST AND WEST WIND ENERGY FACILITIES, WESTERN & NORTHERN CAPE PROVINCES

Dear Interested and Affected Party,

Please find attached notification (provided in English and Afrikaans) regarding an application for Environmental Authorisation and the availability of the Draft Scoping Report, for the above mentioned project.

If you have any issues and/or concerns in this regard, please do not hesitate to contact EIMS.

Kind Regards,  
 Nobuhle Hughes.

\*\*\*\*\*  
 \*\*\* FAX TX REPORT \*\*\*  
 \*\*\*\*\*

TX FUNCTION WAS NOT COMPLETED

JOB NO. 0457  
 DEPT. ID 1086  
 DESTINATION ADDRESS 0448742423  
 SUBADDRESS  
 DESTINATION ID  
 ST. TIME 28/08 22:22  
 TX/RX TIME 00:00  
 PGS. 0  
 RESULT NG  
 #018 BUSY/NO SIGNAL

**Environmental Impact Management Services (Pty) Ltd**

Registration Number: 82052707 Director: T. Mkhale, A. Smith, L. Whitlow

P.O. Box 2083, Pinegowrie 2123, South Africa  
 Telephone: (011) 789-7170 E-mail: mail@eims.co.za

Block 5, 5 Hunter Avenue Ferndale, Randburg, South Africa  
 Facsimile: (011) 787-3059 Web: http://www.eims.co.za



FAX	
To:	Western Cape Department of Environmental
Alt:	Ayub Mohamed
Fax:	044 874 2423
Phone:	
Cc:	
Re:	ENVIRONMENTAL IMPACT ASSESSMENT FOR THE PROPOSED KONSBERG EAST AND WEST WIND ENERGY FACILITIES, WESTERN & NORTHERN CAPE PROVINCES

Dear Interested and Affected Party,

Please find attached notification (provided in English and Afrikaans) regarding an application for Environmental Authorisation and the availability of the Draft Scoping Report, for the above mentioned project.

If you have any issues and/or concerns in this regard, please do not hesitate to contact EIMS.

Kind Regards,  
 Nobuhle Hughes.

\*\*\*\*\*  
 \*\*\* FAX TX REPORT \*\*\*  
 \*\*\*\*\*

TRANSMISSION OK

JOB NO. 0508  
 DEPT. ID 1086  
 DESTINATION ADDRESS 0538314832  
 SUBADDRESS  
 DESTINATION ID  
 ST. TIME 28/08 22:23  
 TX/RX TIME 03:00  
 PGS. 13  
 RESULT OK

**Environmental Impact Management Services (Pty) Ltd**

Registration Number: 82052707 Director: T. Mkhale, A. Smith, L. Whitlow

P.O. Box 2083, Pinegowrie 2123, South Africa  
 Telephone: (011) 789-7170 E-mail: mail@eims.co.za

Block 5, 5 Hunter Avenue Ferndale, Randburg, South Africa  
 Facsimile: (011) 787-3059 Web: http://www.eims.co.za



FAX	
To:	Northern Cape Department of Cooperative
Alt:	Garnem Abrahams
Fax:	053 831 4832
Phone:	
Cc:	
Re:	ENVIRONMENTAL IMPACT ASSESSMENT FOR THE PROPOSED KONSBERG EAST AND WEST WIND ENERGY FACILITIES, WESTERN & NORTHERN CAPE PROVINCES

Dear Interested and Affected Party,

Please find attached notification (provided in English and Afrikaans) regarding an application for Environmental Authorisation and the availability of the Draft Scoping Report, for the above mentioned project.

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Kind Regards,  
 Nobuhle Hughes.

\*\*\*\*\*  
 \*\*\* FAX TX REPORT \*\*\*  
 \*\*\*\*\*

TRANSMISSION OK

JOB NO. 0509  
 DEPT. ID 1086  
 DESTINATION ADDRESS 0234143220  
 SUBADDRESS  
 DESTINATION ID  
 ST. TIME 28/08 22:27  
 TX/RX TIME 02:52  
 PGS. 13  
 RESULT OK

**Environmental Impact Management Services (Pty) Ltd**

Registration Number: 82052707 Director: T. Mkhale, A. Smith, L. Whitlow

P.O. Box 2083, Pinegowrie 2123, South Africa  
 Telephone: (011) 789-7170 E-mail: mail@eims.co.za

Block 5, 5 Hunter Avenue Ferndale, Randburg, South Africa  
 Facsimile: (011) 787-3059 Web: http://www.eims.co.za



FAX	
To:	Department of Land Affairs: Western Cape
Alt:	Gaynor De Jager
Fax:	023414 3220
Phone:	
Cc:	
Re:	ENVIRONMENTAL IMPACT ASSESSMENT FOR THE PROPOSED KONSBERG EAST AND WEST WIND ENERGY FACILITIES, WESTERN & NORTHERN CAPE PROVINCES

Dear Interested and Affected Party,

Please find attached notification (provided in English and Afrikaans) regarding an application for Environmental Authorisation and the availability of the Draft Scoping Report, for the above mentioned project.

If you have any issues and/or concerns in this regard, please do not hesitate to contact EIMS.

Kind Regards,  
 Nobuhle Hughes.

***** *** FAX TX REPORT *** *****	
TRANSMISSION OK	
JOB NO.	0511
DEPT. ID	1086
DESTINATION ADDRESS	0123233306
SUBADDRESS	
DESTINATION ID	
SE. TIME	28/08 22:31
TX/RX TIME	03' 08
RES.	13
RESULT	OK

**Environmental Impact Management Services (Pty) Ltd**

Registration Number: 926592767 Director: T. Mkhaleh, A. Smith, L. Whitlow

 P.O. Box 2083, Pinetown 2123, South Africa  
 Telephone: (011) 789-7170  
 E-mail: mail@eims.co.za

 Block 5, 5 Hunter Avenue  
 Fendale, Rondebout, South Africa  
 Facsimile: (011) 787-3059  
 Web: http://www.eims.co.za


<b>FAX</b>			
To:	National Department of Rural Development	From:	Nobuhle Hughes
Alt:	Chagile Nkavini	Pages:	1 of 13
Fax:	012 323 3306	Date:	28 August 2015
Phone:		Ref:	1086
Cc:		Fax:	011 787 3059
Re:	ENVIRONMENTAL IMPACT ASSESSMENT FOR THE PROPOSED KOMSBERG EAST AND WEST WIND ENERGY FACILITIES, WESTERN & NORTHERN CAPE PROVINCES		

Dear Interested and Affected Party,

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If you have any issues and/or concerns in this regard, please do not hesitate to contact EIMS.

 Kind Regards,  
 Nobuhle Hughes.

***** *** FAX TX REPORT *** *****	
TRANSMISSION OK	
JOB NO.	0512
DEPT. ID	1086
DESTINATION ADDRESS	0866273477
SUBADDRESS	
DESTINATION ID	
SE. TIME	28/08 23:05
TX/RX TIME	28' 51
RES.	13
RESULT	OK

**Environmental Impact Management Services (Pty) Ltd**

Registration Number: 926592767 Director: T. Mkhaleh, A. Smith, L. Whitlow

 P.O. Box 2083, Pinetown 2123, South Africa  
 Telephone: (011) 789-7170  
 E-mail: mail@eims.co.za

 Block 5, 5 Hunter Avenue  
 Fendale, Rondebout, South Africa  
 Facsimile: (011) 787-3059  
 Web: http://www.eims.co.za


<b>FAX</b>			
To:		From:	Nobuhle Hughes
Alt:	Hennie Muller	Pages:	1 of 13
Fax:	086 627 3477	Date:	28 August 2015
Phone:		Ref:	1086
Cc:		Fax:	011 787 3059
Re:	ENVIRONMENTAL IMPACT ASSESSMENT FOR THE PROPOSED KOMSBERG EAST AND WEST WIND ENERGY FACILITIES, WESTERN & NORTHERN CAPE PROVINCES		

Dear Interested and Affected Party,

Please find attached notification (provided in English and Afrikaans) regarding an application for Environmental Authorisation and the availability of the Draft Scoping Report, for the above mentioned project.

If you have any issues and/or concerns in this regard, please do not hesitate to contact EIMS.

 Kind Regards,  
 Nobuhle Hughes.

***** *** FAX TX REPORT *** *****	
TRANSMISSION OK	
JOB NO.	0513
DEPT. ID	1086
DESTINATION ADDRESS	0866987005
SUBADDRESS	
DESTINATION ID	
SE. TIME	28/08 23:04
TX/RX TIME	10' 08
RES.	13
RESULT	OK

**Environmental Impact Management Services (Pty) Ltd**

Registration Number: 926592767 Director: T. Mkhaleh, A. Smith, L. Whitlow

 P.O. Box 2083, Pinetown 2123, South Africa  
 Telephone: (011) 789-7170  
 E-mail: mail@eims.co.za

 Block 5, 5 Hunter Avenue  
 Fendale, Rondebout, South Africa  
 Facsimile: (011) 787-3059  
 Web: http://www.eims.co.za


<b>FAX</b>			
To:	Sustainable Energy Society of Southern A	From:	Nobuhle Hughes
Alt:	Henning Holm	Pages:	1 of 13
Fax:	086688 7005	Date:	28 August 2015
Phone:		Ref:	1086
Cc:		Fax:	011 787 3059
Re:	ENVIRONMENTAL IMPACT ASSESSMENT FOR THE PROPOSED KOMSBERG EAST AND WEST WIND ENERGY FACILITIES, WESTERN & NORTHERN CAPE PROVINCES		

Dear Interested and Affected Party,

Please find attached notification (provided in English and Afrikaans) regarding an application for Environmental Authorisation and the availability of the Draft Scoping Report, for the above mentioned project.

If you have any issues and/or concerns in this regard, please do not hesitate to contact EIMS.

 Kind Regards,  
 Nobuhle Hughes.

***** *** FAX TX REPORT *** *****	
TRANSMISSION OK	
JOB NO.	0514
DEPT. ID	1086
DESTINATION ADDRESS	0538327126
SUBADDRESS	
DESTINATION ID	
SE. TIME	28/08 23:14
TX/RX TIME	10' 47
RES.	13
RESULT	OK

**Environmental Impact Management Services (Pty) Ltd**

Registration Number: 926592767 Director: T. Mkhaleh, A. Smith, L. Whitlow

 P.O. Box 2083, Pinetown 2123, South Africa  
 Telephone: (011) 789-7170  
 E-mail: mail@eims.co.za

 Block 5, 5 Hunter Avenue  
 Fendale, Rondebout, South Africa  
 Facsimile: (011) 787-3059  
 Web: http://www.eims.co.za


<b>FAX</b>			
To:	Agri Northern Cape	From:	Nobuhle Hughes
Alt:	Hanning Myburgh	Pages:	1 of 13
Fax:	053 652 7126	Date:	28 August 2015
Phone:		Ref:	1086
Cc:		Fax:	011 787 3059
Re:	ENVIRONMENTAL IMPACT ASSESSMENT FOR THE PROPOSED KOMSBERG EAST AND WEST WIND ENERGY FACILITIES, WESTERN & NORTHERN CAPE PROVINCES		

Dear Interested and Affected Party,

Please find attached notification (provided in English and Afrikaans) regarding an application for Environmental Authorisation and the availability of the Draft Scoping Report, for the above mentioned project.

If you have any issues and/or concerns in this regard, please do not hesitate to contact EIMS.

 Kind Regards,  
 Nobuhle Hughes.

\*\*\*\*\*  
 \*\*\* FAX TX REPORT \*\*\*  
 \*\*\*\*\*

TRANSMISSION OK

JOB NO. 0516  
 DEPT. ID 1086  
 DESTINATION ADDRESS 053633628  
 SUBADDRESS  
 DESTINATION ID  
 ST. TIME 28/08 23:25  
 TX/RX TIME 03' 01  
 PGS. 13  
 RESULT OK

**Environmental Impact Management Services (Pty) Ltd**

Registration Number: 920592707 Director: T. Mkhabela, A. Smith, L. Whitlow

P.O. Box 2083, Pinegowrie 2123, South Africa  
 Telephone: (011) 789-7170  
 E-mail: mail@eims.co.za

Block 5, 5 Hunter Avenue  
 Ferndale, Randburg, South Africa  
 Facsimile: (011) 787-3059  
 Web: http://www.eims.co.za



\*\*\*\*\*  
 \*\*\* FAX TX REPORT \*\*\*  
 \*\*\*\*\*

TRANSMISSION OK

JOB NO. 0517  
 DEPT. ID 1086  
 DESTINATION ADDRESS 0234143675  
 SUBADDRESS  
 DESTINATION ID  
 ST. TIME 28/08 23:30  
 TX/RX TIME 02' 42  
 PGS. 13  
 RESULT OK

**Environmental Impact Management Services (Pty) Ltd**

Registration Number: 920592707 Director: T. Mkhabela, A. Smith, L. Whitlow

P.O. Box 2083, Pinegowrie 2123, South Africa  
 Telephone: (011) 789-7170  
 E-mail: mail@eims.co.za

Block 5, 5 Hunter Avenue  
 Ferndale, Randburg, South Africa  
 Facsimile: (011) 787-3059  
 Web: http://www.eims.co.za



FAX	
To:	SALGA Northern Cape
Alt:	Rumtzing Thalelo
Fax:	053 833 3828
Phone:	
Cc:	
Re:	ENVIRONMENTAL IMPACT ASSESSMENT FOR THE PROPOSED KOMSBERG EAST AND WEST WIND ENERGY FACILITIES, WESTERN & NORTHERN CAPE PROVINCES

Dear Interested and Affected Party,

Please find attached notification (provided in English and Afrikaans) regarding an application for Environmental Authorisation and the availability of the Draft Scoping Report, for the above mentioned project.

If you have any issues and/or concerns in this regard, please do not hesitate to contact EIMS.

Kind Regards,  
 Nobuhle Hughes.

FAX	
To:	Central Karoo District Municipality
Alt:	J Bostender
Fax:	023 414 3675
Phone:	
Cc:	
Re:	ENVIRONMENTAL IMPACT ASSESSMENT FOR THE PROPOSED KOMSBERG EAST AND WEST WIND ENERGY FACILITIES, WESTERN & NORTHERN CAPE PROVINCES

Dear Interested and Affected Party,

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Kind Regards,  
 Nobuhle Hughes.

\*\*\*\*\*  
 \*\*\* FAX TX REPORT \*\*\*  
 \*\*\*\*\*

TRANSMISSION OK

JOB NO. 0518  
 DEPT. ID 1086  
 DESTINATION ADDRESS 0442727243  
 SUBADDRESS  
 DESTINATION ID  
 ST. TIME 28/08 23:33  
 TX/RX TIME 02' 59  
 PGS. 13  
 RESULT OK

**Environmental Impact Management Services (Pty) Ltd**

Registration Number: 920592707 Director: T. Mkhabela, A. Smith, L. Whitlow

P.O. Box 2083, Pinegowrie 2123, South Africa  
 Telephone: (011) 789-7170  
 E-mail: mail@eims.co.za

Block 5, 5 Hunter Avenue  
 Ferndale, Randburg, South Africa  
 Facsimile: (011) 787-3059  
 Web: http://www.eims.co.za



FAX	
To:	Department of Transport and Public Works
Alt:	J. Rabe
Fax:	044 2727 243
Phone:	
Cc:	
Re:	ENVIRONMENTAL IMPACT ASSESSMENT FOR THE PROPOSED KOMSBERG EAST AND WEST WIND ENERGY FACILITIES, WESTERN & NORTHERN CAPE PROVINCES

Dear Interested and Affected Party,

Please find attached notification (provided in English and Afrikaans) regarding an application for Environmental Authorisation and the availability of the Draft Scoping Report, for the above mentioned project.

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Kind Regards,  
 Nobuhle Hughes.

\*\*\*\*\*  
 \*\*\* FAX TX REPORT \*\*\*  
 \*\*\*\*\*

TRANSMISSION OK

JOB NO. 0519  
 DEPT. ID 1086  
 DESTINATION ADDRESS 0543340030  
 SUBADDRESS  
 DESTINATION ID  
 ST. TIME 28/08 23:37  
 TX/RX TIME 02' 50  
 PGS. 13  
 RESULT OK

**Environmental Impact Management Services (Pty) Ltd**

Registration Number: 920592707 Director: T. Mkhabela, A. Smith, L. Whitlow

P.O. Box 2083, Pinegowrie 2123, South Africa  
 Telephone: (011) 789-7170  
 E-mail: mail@eims.co.za

Block 5, 5 Hunter Avenue  
 Ferndale, Randburg, South Africa  
 Facsimile: (011) 787-3059  
 Web: http://www.eims.co.za



FAX	
To:	Department of Agriculture, Forestry and Fisheries
Alt:	Jacoline Mare
Fax:	054 334 0030
Phone:	
Cc:	
Re:	ENVIRONMENTAL IMPACT ASSESSMENT FOR THE PROPOSED KOMSBERG EAST AND WEST WIND ENERGY FACILITIES, WESTERN & NORTHERN CAPE PROVINCES

Dear Interested and Affected Party,

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Kind Regards,  
 Nobuhle Hughes.



\*\*\*\*\*  
 \*\*\* FAX TX REPORT \*\*\*  
 \*\*\*\*\*

TRANSMISSION OK

JOB NO. 0521  
 DEPT. ID 1086  
 DESTINATION ADDRESS 0867686501  
 SUBADDRESS  
 DESTINATION ID  
 ST. TIME 29/08 23:41  
 TX/RX TIME 26' 19  
 PGS. 13  
 RESULT OK

**Environmental Impact Management Services (Pty) Ltd**

Registration Number: 52692707 Director: T. Mkhahle, A. Smith, L. Whitlow

P.O. Box 2063, Pinegowrie 2123, South Africa  
 Telephone: (011) 789-7170  
 E-mail: mail@elms.co.za

Block 5, 5 Hunter Avenue  
 Ferndale, Randburg, South Africa  
 Facsimile: (011) 787-3059  
 Web: http://www.elms.co.za



\*\*\*\*\*  
 \*\*\* FAX TX REPORT \*\*\*  
 \*\*\*\*\*

TRANSMISSION OK

JOB NO. 0522  
 DEPT. ID 1086  
 DESTINATION ADDRESS 0533913294  
 SUBADDRESS  
 DESTINATION ID  
 ST. TIME 29/08 00:08  
 TX/RX TIME 02' 41  
 PGS. 13  
 RESULT OK

**Environmental Impact Management Services (Pty) Ltd**

Registration Number: 52692707 Director: T. Mkhahle, A. Smith, L. Whitlow

P.O. Box 2063, Pinegowrie 2123, South Africa  
 Telephone: (011) 789-7170  
 E-mail: mail@elms.co.za

Block 5, 5 Hunter Avenue  
 Ferndale, Randburg, South Africa  
 Facsimile: (011) 787-3059  
 Web: http://www.elms.co.za



FAX	
To:	Karoo Hoogland Municipality
Att:	Jan P. Jullie
Fax:	068 789 8501
Phone:	
Cc:	
Re:	ENVIRONMENTAL IMPACT ASSESSMENT FOR THE PROPOSED KOMSBERG EAST AND WEST WIND ENERGY FACILITIES, WESTERN & NORTHERN CAPE PROVINCES

Dear Interested and Affected Party,

Please find attached notification (provided in English and Afrikaans) regarding an application for Environmental Authorisation and the availability of the Draft Scoping Report, for the above mentioned project.

If you have any issues and/or concerns in this regard, please do not hesitate to contact EIMS.

Kind Regards,  
 Nobuhle Hughes.

FAX	
To:	Karoo Hoogland Municipality
Att:	Jan P. Jullie
Fax:	063 391 3284
Phone:	
Cc:	
Re:	ENVIRONMENTAL IMPACT ASSESSMENT FOR THE PROPOSED KOMSBERG EAST AND WEST WIND ENERGY FACILITIES, WESTERN & NORTHERN CAPE PROVINCES

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Kind Regards,  
 Nobuhle Hughes.

\*\*\*\*\*  
 \*\*\* FAX TX REPORT \*\*\*  
 \*\*\*\*\*

TRANSMISSION OK

JOB NO. 0523  
 DEPT. ID 1086  
 DESTINATION ADDRESS 0235511019  
 SUBADDRESS  
 DESTINATION ID  
 ST. TIME 29/08 00:11  
 TX/RX TIME 03' 42  
 PGS. 13  
 RESULT OK

**Environmental Impact Management Services (Pty) Ltd**

Registration Number: 52692707 Director: T. Mkhahle, A. Smith, L. Whitlow

P.O. Box 2063, Pinegowrie 2123, South Africa  
 Telephone: (011) 789-7170  
 E-mail: mail@elms.co.za

Block 5, 5 Hunter Avenue  
 Ferndale, Randburg, South Africa  
 Facsimile: (011) 787-3059  
 Web: http://www.elms.co.za



FAX	
To:	Laingsburg Local Municipality
Att:	Jan Vanter
Fax:	023 551 1010
Phone:	
Cc:	
Re:	ENVIRONMENTAL IMPACT ASSESSMENT FOR THE PROPOSED KOMSBERG EAST AND WEST WIND ENERGY FACILITIES, WESTERN & NORTHERN CAPE PROVINCES

Dear Interested and Affected Party,

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Kind Regards,  
 Nobuhle Hughes.

\*\*\*\*\*  
 \*\*\* FAX TX REPORT \*\*\*  
 \*\*\*\*\*

TRANSMISSION OK

JOB NO. 0524  
 DEPT. ID 1086  
 DESTINATION ADDRESS 0214624509  
 SUBADDRESS  
 DESTINATION ID  
 ST. TIME 29/08 00:17  
 TX/RX TIME 02' 47  
 PGS. 13  
 RESULT OK

**Environmental Impact Management Services (Pty) Ltd**

Registration Number: 52692707 Director: T. Mkhahle, A. Smith, L. Whitlow

P.O. Box 2063, Pinegowrie 2123, South Africa  
 Telephone: (011) 789-7170  
 E-mail: mail@elms.co.za

Block 5, 5 Hunter Avenue  
 Ferndale, Randburg, South Africa  
 Facsimile: (011) 787-3059  
 Web: http://www.elms.co.za



FAX	
To:	South African Heritage Resources Agency
Att:	Jenny Levin
Fax:	021 462 4509
Phone:	
Cc:	
Re:	ENVIRONMENTAL IMPACT ASSESSMENT FOR THE PROPOSED KOMSBERG EAST AND WEST WIND ENERGY FACILITIES, WESTERN & NORTHERN CAPE PROVINCES

Dear Interested and Affected Party,

Please find attached notification (provided in English and Afrikaans) regarding an application for Environmental Authorisation and the availability of the Draft Scoping Report, for the above mentioned project.

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Kind Regards,  
 Nobuhle Hughes.

\*\*\*\*\*  
 \*\*\* FAX TX REPORT \*\*\*  
 \*\*\*\*\*

TRANSMISSION OK

JOB NO. 0525  
 DEPT. ID 1086  
 DESTINATION ADDRESS 0865162183  
 SUBADDRESS  
 DESTINATION ID  
 ST. TIME 29/08 00:20  
 TX/RX TIME 26' 27"  
 PGS. 13  
 RESULT OK

**Environmental Impact Management Services (Pty) Ltd**

Registration Number: 620527/07 Director: T. Ntshhe, A. Smith, L. Whitlow

P.O. Box 2063, Pinegowrie 2123, South Africa  
 Telephone: (011) 789-7170  
 E-mail: mail@eims.co.za

Block 5, 5 Hunter Avenue  
 Fernside, Rondeburg, South Africa  
 Facsimile: (011) 787-3059  
 Web: http://www.eims.co.za



\*\*\*\*\*  
 \*\*\* FAX TX REPORT \*\*\*  
 \*\*\*\*\*

TRANSMISSION OK

JOB NO. 0527  
 DEPT. ID 1086  
 DESTINATION ADDRESS 0867197744  
 SUBADDRESS  
 DESTINATION ID  
 ST. TIME 29/08 00:51  
 TX/RX TIME 26' 13"  
 PGS. 13  
 RESULT OK

**Environmental Impact Management Services (Pty) Ltd**

Registration Number: 620527/07 Director: T. Ntshhe, A. Smith, L. Whitlow

P.O. Box 2063, Pinegowrie 2123, South Africa  
 Telephone: (011) 789-7170  
 E-mail: mail@eims.co.za

Block 5, 5 Hunter Avenue  
 Fernside, Rondeburg, South Africa  
 Facsimile: (011) 787-3059  
 Web: http://www.eims.co.za



FAX	
To:	Karoo Hoogland Municipality
From:	Nobuhle Hughes
Att:	Jeremy David
Pages:	1 of 13
Fax:	086 616 2183
Date:	28 August 2015
Phone:	
Ref:	1086
Cc:	
Fax:	011 787 3059
Re:	ENVIRONMENTAL IMPACT ASSESSMENT FOR THE PROPOSED KOMSBERG EAST AND WEST WIND ENERGY FACILITIES, WESTERN & NORTHERN CAPE PROVINCES

Dear Interested and Affected Party,

Please find attached notification (provided in English and Afrikaans) regarding an application for Environmental Authorisation and the availability of the Draft Scoping Report, for the above mentioned project.

If you have any issues and/or concerns in this regard, please do not hesitate to contact EIMS.

Kind Regards,  
 Nobuhle Hughes.

FAX	
To:	South African Wind Energy Association (S
From:	Nobuhle Hughes
Att:	Johan van den Berg
Pages:	1 of 13
Fax:	086 719 7744
Date:	28 August 2015
Phone:	
Ref:	1086
Cc:	
Fax:	011 787 3059
Re:	ENVIRONMENTAL IMPACT ASSESSMENT FOR THE PROPOSED KOMSBERG EAST AND WEST WIND ENERGY FACILITIES, WESTERN & NORTHERN CAPE PROVINCES

Dear Interested and Affected Party,

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Kind Regards,  
 Nobuhle Hughes.

\*\*\*\*\*  
 \*\*\* FAX TX REPORT \*\*\*  
 \*\*\*\*\*

TRANSMISSION OK

JOB NO. 0679  
 DEPT. ID 1086  
 DESTINATION ADDRESS 0866452546  
 SUBADDRESS  
 DESTINATION ID  
 ST. TIME 29/08 01:18  
 TX/RX TIME 47' 25"  
 PGS. 12  
 RESULT OK

**Environmental Impact Management Services (Pty) Ltd**

Registration Number: 620527/07 Director: T. Ntshhe, A. Smith, L. Whitlow

P.O. Box 2063, Pinegowrie 2123, South Africa  
 Telephone: (011) 789-7170  
 E-mail: mail@eims.co.za

Block 5, 5 Hunter Avenue  
 Fernside, Rondeburg, South Africa  
 Facsimile: (011) 787-3059  
 Web: http://www.eims.co.za



\*\*\*\*\*  
 \*\*\* FAX TX REPORT \*\*\*  
 \*\*\*\*\*

TRANSMISSION OK

JOB NO. 0492  
 DEPT. ID 1086  
 DESTINATION ADDRESS 0214271046  
 SUBADDRESS  
 DESTINATION ID  
 ST. TIME 29/08 02:06  
 TX/RX TIME 11' 11"  
 PGS. 13  
 RESULT OK

**Environmental Impact Management Services (Pty) Ltd**

Registration Number: 620527/07 Director: T. Ntshhe, A. Smith, L. Whitlow

P.O. Box 2063, Pinegowrie 2123, South Africa  
 Telephone: (011) 789-7170  
 E-mail: mail@eims.co.za

Block 5, 5 Hunter Avenue  
 Fernside, Rondeburg, South Africa  
 Facsimile: (011) 787-3059  
 Web: http://www.eims.co.za



FAX	
To:	Western Cape Nature Conservation Board (
From:	Nobuhle Hughes
Att:	Benjamin Walton
Pages:	1 of 13
Fax:	086 646 2646
Date:	28 August 2015
Phone:	
Ref:	1086
Cc:	
Fax:	011 787 3059
Re:	ENVIRONMENTAL IMPACT ASSESSMENT FOR THE PROPOSED KOMSBERG EAST AND WEST WIND ENERGY FACILITIES, WESTERN & NORTHERN CAPE PROVINCES

Dear Interested and Affected Party,

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If you have any issues and/or concerns in this regard, please do not hesitate to contact EIMS.

Kind Regards,  
 Nobuhle Hughes.

FAX	
To:	Western Cape Department of Mineral Resou
From:	Nobuhle Hughes
Att:	Bush'she Magazi
Pages:	1 of 13
Fax:	021 427 1046
Date:	28 August 2015
Phone:	
Ref:	1086
Cc:	
Fax:	011 787 3059
Re:	ENVIRONMENTAL IMPACT ASSESSMENT FOR THE PROPOSED KOMSBERG EAST AND WEST WIND ENERGY FACILITIES, WESTERN & NORTHERN CAPE PROVINCES

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Kind Regards,  
 Nobuhle Hughes.

\*\*\*\*\*  
 \*\*\* FAX TX REPORT \*\*\*  
 \*\*\*\*\*

TRANSMISSION OK

JOB NO. 0489  
 DEPT. ID 1086  
 DESTINATION ADDRESS 0116451282  
 SUBADDRESS  
 DESTINATION ID  
 ST. TIME 29/08 02:19  
 TX/RX TIME 03'17  
 PGS. 13  
 RESULT OK

\*\*\*\*\*  
 \*\*\* FAX ERROR TX REPORT \*\*\*  
 \*\*\*\*\*

TX FUNCTION WAS NOT COMPLETED

JOB NO. 0452  
 DEPT. ID 1086  
 DESTINATION ADDRESS 0214833409  
 SUBADDRESS  
 DESTINATION ID  
 ST. TIME 29/08 02:32  
 TX/RX TIME 00'00  
 PGS. 0  
 RESULT NG #018 BUSY/NO SIGNAL

**Environmental Impact Management Services (Pty) Ltd**

Registration Number: 20652707 Director: T. Ntshhe, A. Smith, L. Whitlow  
 P.O. Box 2063, Pinegowrie Block 5, 5 Hunter Avenue  
 2123, South Africa Ferndale, Randburg, South Africa  
 Telephone: (011) 789-7170 Facsimile: (011) 787-3059  
 E-mail: mail@elms.co.za Web: http://www.elms.co.za



**Environmental Impact Management Services (Pty) Ltd**

Registration Number: 20652707 Director: T. Ntshhe, A. Smith, L. Whitlow  
 P.O. Box 2063, Pinegowrie Block 5, 5 Hunter Avenue  
 2123, South Africa Ferndale, Randburg, South Africa  
 Telephone: (011) 789-7170 Facsimile: (011) 787-3059  
 E-mail: mail@elms.co.za Web: http://www.elms.co.za



FAX			
To:	South African Civil Aviation Authority	From:	Nobuhle Hughes
Att:	Christopher Isherwood	Pages:	1 of 13
Fax:	011 546 1282	Date:	28 August 2015
Phone:		Ref:	1086
Cc:		Fax:	011 787 3059
Re:	ENVIRONMENTAL IMPACT ASSESSMENT FOR THE PROPOSED KOMSBERG EAST AND WEST WIND ENERGY FACILITIES, WESTERN & NORTHERN CAPE PROVINCES		

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Kind Regards,  
 Nobuhle Hughes.

FAX			
To:	Western Cape Department of Economic Deve	From:	Nobuhle Hughes
Att:	Mattie Carstens	Pages:	1 of 13
Fax:	021 483 3409	Date:	28 August 2015
Phone:		Ref:	1086
Cc:		Fax:	011 787 3059
Re:	ENVIRONMENTAL IMPACT ASSESSMENT FOR THE PROPOSED KOMSBERG EAST AND WEST WIND ENERGY FACILITIES, WESTERN & NORTHERN CAPE PROVINCES		

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Kind Regards,  
 Nobuhle Hughes.

\*\*\*\*\*  
 \*\*\* FAX ERROR TX REPORT \*\*\*  
 \*\*\*\*\*

TX FUNCTION WAS NOT COMPLETED

JOB NO. 0453  
 DEPT. ID 1086  
 DESTINATION ADDRESS 0123201135  
 SUBADDRESS  
 DESTINATION ID  
 ST. TIME 29/08 02:34  
 TX/RX TIME 00'00  
 PGS. 0  
 RESULT NG #018 BUSY/NO SIGNAL

\*\*\*\*\*  
 \*\*\* FAX ERROR TX REPORT \*\*\*  
 \*\*\*\*\*

TX FUNCTION WAS NOT COMPLETED

JOB NO. 0454  
 DEPT. ID 1086  
 DESTINATION ADDRESS 0123107539  
 SUBADDRESS  
 DESTINATION ID  
 ST. TIME 29/08 02:34  
 TX/RX TIME 00'00  
 PGS. 0  
 RESULT NG #018 BUSY/NO SIGNAL

**Environmental Impact Management Services (Pty) Ltd**

Registration Number: 20652707 Director: T. Ntshhe, A. Smith, L. Whitlow  
 P.O. Box 2063, Pinegowrie Block 5, 5 Hunter Avenue  
 2123, South Africa Ferndale, Randburg, South Africa  
 Telephone: (011) 789-7170 Facsimile: (011) 787-3059  
 E-mail: mail@elms.co.za Web: http://www.elms.co.za



**Environmental Impact Management Services (Pty) Ltd**

Registration Number: 20652707 Director: T. Ntshhe, A. Smith, L. Whitlow  
 P.O. Box 2063, Pinegowrie Block 5, 5 Hunter Avenue  
 2123, South Africa Ferndale, Randburg, South Africa  
 Telephone: (011) 789-7170 Facsimile: (011) 787-3059  
 E-mail: mail@elms.co.za Web: http://www.elms.co.za



FAX			
To:	Department of Environmental Affairs	From:	Nobuhle Hughes
Att:	Nosicho Ngcaba	Pages:	1 of 13
Fax:	012320 1135	Date:	28 August 2015
Phone:		Ref:	1086
Cc:		Fax:	011 787 3059
Re:	ENVIRONMENTAL IMPACT ASSESSMENT FOR THE PROPOSED KOMSBERG EAST AND WEST WIND ENERGY FACILITIES, WESTERN & NORTHERN CAPE PROVINCES		

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Kind Regards,  
 Nobuhle Hughes.

FAX			
To:	Department of Environmental Affairs	From:	Nobuhle Hughes
Att:	Nyiso Ngweni	Pages:	1 of 13
Fax:	012310 7539	Date:	28 August 2015
Phone:		Ref:	1086
Cc:		Fax:	011 787 3059
Re:	ENVIRONMENTAL IMPACT ASSESSMENT FOR THE PROPOSED KOMSBERG EAST AND WEST WIND ENERGY FACILITIES, WESTERN & NORTHERN CAPE PROVINCES		

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Kind Regards,  
 Nobuhle Hughes.

\*\*\*\*\*  
 \*\*\* FAX ERROR TX REPORT \*\*\*  
 \*\*\*\*\*

TX FUNCTION WAS NOT COMPLETED

JOB NO. 0467  
 DEPT. ID 1086  
 DESTINATION ADDRESS 0538420392  
 SUBADDRESS  
 DESTINATION ID  
 ST. TIME 29/08 02:35  
 TX/RX TIME 00'00  
 PGS. 0  
 RESULT NG #018 BUSY/NO SIGNAL

\*\*\*\*\*  
 \*\*\* FAX ERROR TX REPORT \*\*\*  
 \*\*\*\*\*

TX FUNCTION WAS NOT COMPLETED

JOB NO. 0468  
 DEPT. ID 1086  
 DESTINATION ADDRESS 0538420393  
 SUBADDRESS  
 DESTINATION ID  
 ST. TIME 29/08 02:36  
 TX/RX TIME 00'00  
 PGS. 0  
 RESULT NG #018 BUSY/NO SIGNAL

**Environmental Impact Management Services (Pty) Ltd**

Registration Number: 620592707 Director: T. Nkomo, A. Smith, L. Whitlow  
 P.O. Box 2083, Pinegowrie Block 5, 6 Hunter Avenue  
 2123, South Africa Ferndale, Randburg, South Africa  
 Telephone: (011) 789-7170 Facsimile: (011) 787-3059  
 E-mail: mail@elms.co.za Web: http://www.elms.co.za



**Environmental Impact Management Services (Pty) Ltd**

Registration Number: 620592707 Director: T. Nkomo, A. Smith, L. Whitlow  
 P.O. Box 2083, Pinegowrie Block 5, 6 Hunter Avenue  
 2123, South Africa Ferndale, Randburg, South Africa  
 Telephone: (011) 789-7170 Facsimile: (011) 787-3059  
 E-mail: mail@elms.co.za Web: http://www.elms.co.za



FAX			
To:	Northern Cape Department of Water and S	From:	Nobuhle Hughes
Att:	A. Abrahams	Pages:	1 of 13
Fax:	053 842 0392	Date:	28 August 2015
Phone:		Ref:	1086
Cc:		Fax:	011 787 3059
Re:	ENVIRONMENTAL IMPACT ASSESSMENT FOR THE PROPOSED KOMSBERG EAST AND WEST WIND ENERGY FACILITIES, WESTERN & NORTHERN CAPE PROVINCES		

Dear Interested and Affected Party,

Please find attached notification (provided in English and Afrikaans) regarding an application for Environmental Authorisation and the availability of the Draft Scoping Report, for the above mentioned project.

If you have any issues and/or concerns in this regard, please do not hesitate to contact EIMS.

Kind Regards,  
 Nobuhle Hughes.

FAX			
To:	Northern Cape Department of Water and S	From:	Nobuhle Hughes
Att:	A. Abrahams	Pages:	1 of 13
Fax:	053 842 0393	Date:	28 August 2015
Phone:		Ref:	1086
Cc:		Fax:	011 787 3059
Re:	ENVIRONMENTAL IMPACT ASSESSMENT FOR THE PROPOSED KOMSBERG EAST AND WEST WIND ENERGY FACILITIES, WESTERN & NORTHERN CAPE PROVINCES		

Dear Interested and Affected Party,

Please find attached notification (provided in English and Afrikaans) regarding an application for Environmental Authorisation and the availability of the Draft Scoping Report, for the above mentioned project.

If you have any issues and/or concerns in this regard, please do not hesitate to contact EIMS.

Kind Regards,  
 Nobuhle Hughes.

\*\*\*\*\*  
 \*\*\* FAX ERROR TX REPORT \*\*\*  
 \*\*\*\*\*

TX FUNCTION WAS NOT COMPLETED

JOB NO. 0471  
 DEPT. ID 1086  
 DESTINATION ADDRESS 0539077357  
 SUBADDRESS  
 DESTINATION ID  
 ST. TIME 29/08 02:37  
 TX/RX TIME 00'00  
 PGS. 0  
 RESULT NG #018 BUSY/NO SIGNAL

**Environmental Impact Management Services (Pty) Ltd**

Registration Number: 620592707 Director: T. Nkomo, A. Smith, L. Whitlow  
 P.O. Box 2083, Pinegowrie Block 5, 6 Hunter Avenue  
 2123, South Africa Ferndale, Randburg, South Africa  
 Telephone: (011) 789-7170 Facsimile: (011) 787-3059  
 E-mail: mail@elms.co.za Web: http://www.elms.co.za



\*\*\*\*\*  
 \*\*\* FAX TX REPORT \*\*\*  
 \*\*\*\*\*

TRANSMISSION OK

JOB NO. 0478  
 DEPT. ID 1086  
 DESTINATION ADDRESS 0866668599  
 SUBADDRESS  
 DESTINATION ID  
 ST. TIME 29/08 02:38  
 TX/RX TIME 26'19  
 PGS. 13  
 RESULT OK

**Environmental Impact Management Services (Pty) Ltd**

Registration Number: 620592707 Director: T. Nkomo, A. Smith, L. Whitlow  
 P.O. Box 2083, Pinegowrie Block 5, 6 Hunter Avenue  
 2123, South Africa Ferndale, Randburg, South Africa  
 Telephone: (011) 789-7170 Facsimile: (011) 787-3059  
 E-mail: mail@elms.co.za Web: http://www.elms.co.za



FAX			
To:	Northern Cape Department of Environment	From:	Nobuhle Hughes
Att:	Albert Mabunda	Pages:	1 of 13
Fax:	053 807 7387	Date:	28 August 2015
Phone:		Ref:	1086
Cc:		Fax:	011 787 3059
Re:	ENVIRONMENTAL IMPACT ASSESSMENT FOR THE PROPOSED KOMSBERG EAST AND WEST WIND ENERGY FACILITIES, WESTERN & NORTHERN CAPE PROVINCES		

Dear Interested and Affected Party,

Please find attached notification (provided in English and Afrikaans) regarding an application for Environmental Authorisation and the availability of the Draft Scoping Report, for the above mentioned project.

If you have any issues and/or concerns in this regard, please do not hesitate to contact EIMS.

Kind Regards,  
 Nobuhle Hughes.

FAX			
To:	Central Karoo District Municipality	From:	Nobuhle Hughes
Att:	Barbara Brown	Pages:	1 of 13
Fax:	086 666 8599	Date:	28 August 2015
Phone:		Ref:	1086
Cc:		Fax:	011 787 3059
Re:	ENVIRONMENTAL IMPACT ASSESSMENT FOR THE PROPOSED KOMSBERG EAST AND WEST WIND ENERGY FACILITIES, WESTERN & NORTHERN CAPE PROVINCES		

Dear Interested and Affected Party,

Please find attached notification (provided in English and Afrikaans) regarding an application for Environmental Authorisation and the availability of the Draft Scoping Report, for the above mentioned project.

If you have any issues and/or concerns in this regard, please do not hesitate to contact EIMS.

Kind Regards,  
 Nobuhle Hughes.

\*\*\*\*\*  
 \*\*\* FAX TX REPORT \*\*\*  
 \*\*\*\*\*

TRANSMISSION OK

JOB NO. 0529  
 DEPT. ID 1086  
 DESTINATION ADDRESS 0218723388  
 SUBADDRESS  
 DESTINATION ID  
 ST. TIME 31/08 07:44  
 TX/RX TIME 03'10  
 PGS. 13  
 RESULT OK

**Environmental Impact Management Services (Pty) Ltd**

Registration Number: 220592707 Director: T. Nkomo, A. Smith, L. Whitlow

P.O. Box 2093, Pinetown 2123, South Africa  
 Telephone: (011) 789-7170  
 E-mail: mail@elms.co.za

Block 5, 5 Hunter Avenue  
 Ferndale, Randburg, South Africa  
 Facsimile: (011) 787-3059  
 Web: http://www.elms.co.za



FAX	
To:	Agri Western Cape
From:	Nobuhle Hughes
Att:	Johan Bothma
Pages:	1 of 13
Fax:	021 872 3388
Date:	28 August 2015
Phone:	
Ref:	1086
Cc:	
Fax:	011 787 3059
Re:	ENVIRONMENTAL IMPACT ASSESSMENT FOR THE PROPOSED KOMBBERG EAST AND WEST WIND ENERGY FACILITIES, WESTERN & NORTHERN CAPE PROVINCES

Dear Interested and Affected Party,

Please find attached notification (provided in English and Afrikaans) regarding an application for Environmental Authorisation and the availability of the Draft Scoping Report, for the above mentioned project.

If you have any issues and/or concerns in this regard, please do not hesitate to contact EIMS.

Kind Regards,  
 Nobuhle Hughes.

\*\*\*\*\*  
 \*\*\* FAX TX REPORT \*\*\*  
 \*\*\*\*\*

TRANSMISSION OK

JOB NO. 0530  
 DEPT. ID 1086  
 DESTINATION ADDRESS 0442727243  
 SUBADDRESS  
 DESTINATION ID  
 ST. TIME 31/08 07:48  
 TX/RX TIME 03'04  
 PGS. 13  
 RESULT OK

**Environmental Impact Management Services (Pty) Ltd**

Registration Number: 220592707 Director: T. Nkomo, A. Smith, L. Whitlow

P.O. Box 2093, Pinetown 2123, South Africa  
 Telephone: (011) 789-7170  
 E-mail: mail@elms.co.za

Block 5, 5 Hunter Avenue  
 Ferndale, Randburg, South Africa  
 Facsimile: (011) 787-3059  
 Web: http://www.elms.co.za



FAX	
To:	Department of Transport & Public Works
From:	Nobuhle Hughes
Att:	Johanna Van der Berg
Pages:	1 of 13
Fax:	044 2727 243
Date:	28 August 2015
Phone:	
Ref:	1086
Cc:	
Fax:	011 787 3059
Re:	ENVIRONMENTAL IMPACT ASSESSMENT FOR THE PROPOSED KOMBBERG EAST AND WEST WIND ENERGY FACILITIES, WESTERN & NORTHERN CAPE PROVINCES

Dear Interested and Affected Party,

Please find attached notification (provided in English and Afrikaans) regarding an application for Environmental Authorisation and the availability of the Draft Scoping Report, for the above mentioned project.

If you have any issues and/or concerns in this regard, please do not hesitate to contact EIMS.

Kind Regards,  
 Nobuhle Hughes.

\*\*\*\*\*  
 \*\*\* FAX TX REPORT \*\*\*  
 \*\*\*\*\*

TRANSMISSION OK

JOB NO. 0531  
 DEPT. ID 1086  
 DESTINATION ADDRESS 0277128840  
 SUBADDRESS  
 DESTINATION ID  
 ST. TIME 31/08 07:51  
 TX/RX TIME 02'39  
 PGS. 13  
 RESULT OK

**Environmental Impact Management Services (Pty) Ltd**

Registration Number: 220592707 Director: T. Nkomo, A. Smith, L. Whitlow

P.O. Box 2093, Pinetown 2123, South Africa  
 Telephone: (011) 789-7170  
 E-mail: mail@elms.co.za

Block 5, 5 Hunter Avenue  
 Ferndale, Randburg, South Africa  
 Facsimile: (011) 787-3059  
 Web: http://www.elms.co.za



FAX	
To:	Namakwa District Municipality
From:	Nobuhle Hughes
Att:	John Lohwena
Pages:	1 of 13
Fax:	027 712 8040
Date:	28 August 2015
Phone:	
Ref:	1086
Cc:	
Fax:	011 787 3059
Re:	ENVIRONMENTAL IMPACT ASSESSMENT FOR THE PROPOSED KOMBBERG EAST AND WEST WIND ENERGY FACILITIES, WESTERN & NORTHERN CAPE PROVINCES

Dear Interested and Affected Party,

Please find attached notification (provided in English and Afrikaans) regarding an application for Environmental Authorisation and the availability of the Draft Scoping Report, for the above mentioned project.

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Kind Regards,  
 Nobuhle Hughes.

\*\*\*\*\*  
 \*\*\* FAX TX REPORT \*\*\*  
 \*\*\*\*\*

TRANSMISSION OK

JOB NO. 0534  
 DEPT. ID 1086  
 DESTINATION ADDRESS 0865349331  
 SUBADDRESS  
 DESTINATION ID  
 ST. TIME 31/08 07:55  
 TX/RX TIME 50'34  
 PGS. 13  
 RESULT OK

**Environmental Impact Management Services (Pty) Ltd**

Registration Number: 220592707 Director: T. Nkomo, A. Smith, L. Whitlow

P.O. Box 2093, Pinetown 2123, South Africa  
 Telephone: (011) 789-7170  
 E-mail: mail@elms.co.za

Block 5, 5 Hunter Avenue  
 Ferndale, Randburg, South Africa  
 Facsimile: (011) 787-3059  
 Web: http://www.elms.co.za



FAX	
To:	Western Cape Department of Rural Develop
From:	Nobuhle Hughes
Att:	Juanita Fortuin
Pages:	1 of 13
Fax:	086 534 3331
Date:	28 August 2015
Phone:	
Ref:	1086
Cc:	
Fax:	011 787 3059
Re:	ENVIRONMENTAL IMPACT ASSESSMENT FOR THE PROPOSED KOMBBERG EAST AND WEST WIND ENERGY FACILITIES, WESTERN & NORTHERN CAPE PROVINCES

Dear Interested and Affected Party,

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Kind Regards,  
 Nobuhle Hughes.



\*\*\*\*\*  
\*\*\* FAX TX REPORT \*\*\*  
\*\*\*\*\*

TRANSMISSION OK

JOB NO.	0535
DEPT. ID	1086
DESTINATION ADDRESS	0862145909
SUBADDRESS	
DESTINATION ID	
ST. TIME	31/08 09:46
TX/RX TIME	25' 16
PGS.	13
RESULT	OK

\*\*\*\*\*  
\*\*\* FAX TX REPORT \*\*\*  
\*\*\*\*\*

TRANSMISSION OK

JOB NO.	0537
DEPT. ID	1086
DESTINATION ADDRESS	0865884511
SUBADDRESS	
DESTINATION ID	
ST. TIME	31/08 09:14
TX/RX TIME	25' 24
PGS.	13
RESULT	OK

**Environmental Impact Management Services (Pty) Ltd**

Registration Number: 220592767

Director: T. Nkomo, A. Smith, L. Whitlow

P.O. Box 2083, Pinetown  
2123, South Africa  
Telephone: (011) 789-7170  
E-mail: mail@eims.co.za

Block 5, 5 Hunter Avenue  
Fermdale, Randburg, South Africa  
Facsimile: (011) 787-3059  
Web: http://www.eims.co.za



**Environmental Impact Management Services (Pty) Ltd**

Registration Number: 220592767

Director: T. Nkomo, A. Smith, L. Whitlow

P.O. Box 2083, Pinetown  
2123, South Africa  
Telephone: (011) 789-7170  
E-mail: mail@eims.co.za

Block 5, 5 Hunter Avenue  
Fermdale, Randburg, South Africa  
Facsimile: (011) 787-3059  
Web: http://www.eims.co.za



FAX			
To:	National Department of Mineral Resources	From:	Nobuhle Hughes
Att:	Khayalethu Matroze	Pages:	1 of 13
Fax:	086 214 5909	Date:	28 August 2015
Phone:		Ref:	1086
Cc:		Fax:	011 787 3059
Re:	ENVIRONMENTAL IMPACT ASSESSMENT FOR THE PROPOSED KOMBERG EAST AND WEST WIND ENERGY FACILITIES, WESTERN & NORTHERN CAPE PROVINCES		

Dear Interested and Affected Party,

Please find attached notification (provided in English and Afrikaans) regarding an application for Environmental Authorisation and the availability of the Draft Scoping Report, for the above mentioned project.

If you have any issues and/or concerns in this regard, please do not hesitate to contact EIMS.

Kind Regards,  
Nobuhle Hughes.

FAX			
To:	Diamantveld Voërkub	From:	Nobuhle Hughes
Att:	Leon Leach	Pages:	1 of 13
Fax:	086 588 4511	Date:	28 August 2015
Phone:		Ref:	1086
Cc:		Fax:	011 787 3059
Re:	ENVIRONMENTAL IMPACT ASSESSMENT FOR THE PROPOSED KOMBERG EAST AND WEST WIND ENERGY FACILITIES, WESTERN & NORTHERN CAPE PROVINCES		

Dear Interested and Affected Party,

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Kind Regards,  
Nobuhle Hughes.

\*\*\*\*\*  
\*\*\* FAX TX REPORT \*\*\*  
\*\*\*\*\*

TRANSMISSION OK

JOB NO.	0542
DEPT. ID	1086
DESTINATION ADDRESS	0115451455
SUBADDRESS	
DESTINATION ID	
ST. TIME	31/08 09:46
TX/RX TIME	02' 34
PGS.	13
RESULT	OK

**Environmental Impact Management Services (Pty) Ltd**

Registration Number: 220592767

Director: T. Nkomo, A. Smith, L. Whitlow

P.O. Box 2083, Pinetown  
2123, South Africa  
Telephone: (011) 789-7170  
E-mail: mail@eims.co.za

Block 5, 5 Hunter Avenue  
Fermdale, Randburg, South Africa  
Facsimile: (011) 787-3059  
Web: http://www.eims.co.za



\*\*\*\*\*  
\*\*\* FAX TX REPORT \*\*\*  
\*\*\*\*\*

TRANSMISSION OK

JOB NO.	0545
DEPT. ID	1086
DESTINATION ADDRESS	9113393270
SUBADDRESS	
DESTINATION ID	
ST. TIME	31/08 10:06
TX/RX TIME	04' 41
PGS.	13
RESULT	OK

**Environmental Impact Management Services (Pty) Ltd**

Registration Number: 220592767

Director: T. Nkomo, A. Smith, L. Whitlow

P.O. Box 2083, Pinetown  
2123, South Africa  
Telephone: (011) 789-7170  
E-mail: mail@eims.co.za

Block 5, 5 Hunter Avenue  
Fermdale, Randburg, South Africa  
Facsimile: (011) 787-3059  
Web: http://www.eims.co.za



FAX			
To:	South African Civil Aviation Authority	From:	Nobuhle Hughes
Att:	Lizelle Steh	Pages:	1 of 13
Fax:	011 645 1455	Date:	28 August 2015
Phone:		Ref:	1086
Cc:		Fax:	011 787 3059
Re:	ENVIRONMENTAL IMPACT ASSESSMENT FOR THE PROPOSED KOMBERG EAST AND WEST WIND ENERGY FACILITIES, WESTERN & NORTHERN CAPE PROVINCES		

Dear Interested and Affected Party,

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If you have any issues and/or concerns in this regard, please do not hesitate to contact EIMS.

Kind Regards,  
Nobuhle Hughes.

FAX			
To:	Earthlife Africa	From:	Nobuhle Hughes
Att:	Mabule Mokhele	Pages:	1 of 13
Fax:	011 339 3270	Date:	28 August 2015
Phone:		Ref:	1086
Cc:		Fax:	011 787 3059
Re:	ENVIRONMENTAL IMPACT ASSESSMENT FOR THE PROPOSED KOMBERG EAST AND WEST WIND ENERGY FACILITIES, WESTERN & NORTHERN CAPE PROVINCES		

Dear Interested and Affected Party,

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Kind Regards,  
Nobuhle Hughes.

\*\*\*\*\*  
 \*\*\* FAX EX REPORT \*\*\*  
 \*\*\*\*\*

TRANSMISSION OK

JOB NO. 0546  
 DEPT. ID 1086  
 DESTINATION ADDRESS 0865517105  
 SUBADDRESS  
 DESTINATION ID  
 ST. TIME 31/08 10:11  
 TX/RX TIME 10' 08  
 FCS 13  
 RESULT OK

**Environmental Impact Management Services (Pty) Ltd**

Registration Number: 926527/07 Director: T. Mkhahle, A. Smith, L. Whelan  
 P.O. Box 2063, Pinegowrie Block 5, 5 Hunter Avenue  
 2123, South Africa Ferndale, Randburg, South Africa  
 Telephone: (011) 789-7170 Facsimile: (011) 787-3059  
 E-mail: mail@elms.co.za Web: http://www.elms.co.za



FAX	
To:	Laingsburg Tourists
From:	Nobuhle Hughes
Att:	Madre Welters
Pages:	1 of 13
Fax:	086 551 7105
Date:	28 August 2015
Phone:	
Ref:	1086
Cc:	
Fax:	011 787 3059
Re:	ENVIRONMENTAL IMPACT ASSESSMENT FOR THE PROPOSED KOMBERG EAST AND WEST WIND ENERGY FACILITIES, WESTERN & NORTHERN CAPE PROVINCES

Dear Interested and Affected Party,

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Kind Regards,  
 Nobuhle Hughes.

\*\*\*\*\*  
 \*\*\* FAX EX REPORT \*\*\*  
 \*\*\*\*\*

TRANSMISSION OK

JOB NO. 0347  
 DEPT. ID 1086  
 DESTINATION ADDRESS 0116071570  
 SUBADDRESS  
 DESTINATION ID  
 ST. TIME 31/08 10:22  
 TX/RX TIME 04' 43  
 FCS 13  
 RESULT OK

**Environmental Impact Management Services (Pty) Ltd**

Registration Number: 926527/07 Director: T. Mkhahle, A. Smith, L. Whelan  
 P.O. Box 2063, Pinegowrie Block 5, 5 Hunter Avenue  
 2123, South Africa Ferndale, Randburg, South Africa  
 Telephone: (011) 789-7170 Facsimile: (011) 787-3059  
 E-mail: mail@elms.co.za Web: http://www.elms.co.za



FAX	
To:	Air Traffic and Navigation Services (ATN)
From:	Nobuhle Hughes
Att:	Makaya Mamogale
Pages:	1 of 13
Fax:	011 807 1570
Date:	28 August 2015
Phone:	
Ref:	1086
Cc:	
Fax:	011 787 3059
Re:	ENVIRONMENTAL IMPACT ASSESSMENT FOR THE PROPOSED KOMBERG EAST AND WEST WIND ENERGY FACILITIES, WESTERN & NORTHERN CAPE PROVINCES

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If you have any issues and/or concerns in this regard, please do not hesitate to contact EIMS.

Kind Regards,  
 Nobuhle Hughes.

\*\*\*\*\*  
 \*\*\* FAX EX REPORT \*\*\*  
 \*\*\*\*\*

TRANSMISSION OK

JOB NO. 0548  
 DEPT. ID 1086  
 DESTINATION ADDRESS 0113393270  
 SUBADDRESS  
 DESTINATION ID  
 ST. TIME 31/08 10:27  
 TX/RX TIME 04' 46  
 FCS 13  
 RESULT OK

**Environmental Impact Management Services (Pty) Ltd**

Registration Number: 926527/07 Director: T. Mkhahle, A. Smith, L. Whelan  
 P.O. Box 2063, Pinegowrie Block 5, 5 Hunter Avenue  
 2123, South Africa Ferndale, Randburg, South Africa  
 Telephone: (011) 789-7170 Facsimile: (011) 787-3059  
 E-mail: mail@elms.co.za Web: http://www.elms.co.za



FAX	
To:	SECOOP of Earthlife Africa
From:	Nobuhle Hughes
Att:	Makoma Lekakale
Pages:	1 of 13
Fax:	011 330 3270
Date:	28 August 2015
Phone:	
Ref:	1086
Cc:	
Fax:	011 787 3059
Re:	ENVIRONMENTAL IMPACT ASSESSMENT FOR THE PROPOSED KOMBERG EAST AND WEST WIND ENERGY FACILITIES, WESTERN & NORTHERN CAPE PROVINCES

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If you have any issues and/or concerns in this regard, please do not hesitate to contact EIMS.

Kind Regards,  
 Nobuhle Hughes.

\*\*\*\*\*  
 \*\*\* FAX EX REPORT \*\*\*  
 \*\*\*\*\*

TRANSMISSION OK

JOB NO. 0550  
 DEPT. ID 1086  
 DESTINATION ADDRESS 0123246592  
 SUBADDRESS  
 DESTINATION ID  
 ST. TIME 31/08 10:32  
 TX/RX TIME 05' 00  
 FCS 13  
 RESULT OK

**Environmental Impact Management Services (Pty) Ltd**

Registration Number: 926527/07 Director: T. Mkhahle, A. Smith, L. Whelan  
 P.O. Box 2063, Pinegowrie Block 5, 5 Hunter Avenue  
 2123, South Africa Ferndale, Randburg, South Africa  
 Telephone: (011) 789-7170 Facsimile: (011) 787-3059  
 E-mail: mail@elms.co.za Web: http://www.elms.co.za



FAX	
To:	National Department of Water and Sanitat
From:	Nobuhle Hughes
Att:	Mava Scott
Pages:	1 of 13
Fax:	012 324 6592
Date:	28 August 2015
Phone:	
Ref:	1086
Cc:	
Fax:	011 787 3059
Re:	ENVIRONMENTAL IMPACT ASSESSMENT FOR THE PROPOSED KOMBERG EAST AND WEST WIND ENERGY FACILITIES, WESTERN & NORTHERN CAPE PROVINCES

Dear Interested and Affected Party,

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Kind Regards,  
 Nobuhle Hughes.

\*\*\*\*\*  
 \*\*\* FAX TX REPORT \*\*\*  
 \*\*\*\*\*

TRANSMISSION OK

JOB NO. 0553  
 DEPT. ID 1086  
 DESTINATION ADDRESS 0123197593  
 SUBADDRESS  
 DESTINATION ID  
 ST. TIME 31/08 10:40  
 TX/RX TIME 02:50  
 PGS. 13  
 RESULT OK

\*\*\*\*\*  
 \*\*\* FAX TX REPORT \*\*\*  
 \*\*\*\*\*

TRANSMISSION OK

JOB NO. 0554  
 DEPT. ID 1086  
 DESTINATION ADDRESS 0538392117  
 SUBADDRESS  
 DESTINATION ID  
 ST. TIME 31/08 10:43  
 TX/RX TIME 02:51  
 PGS. 13  
 RESULT OK

**Environmental Impact Management Services (Pty) Ltd**

Registration Number: 226692707 Director: T. Nkomo, A. Smith, L. Whitby

P.O. Box 2063, Pinetown 2123, South Africa  
 Telephone: (011) 789-7170  
 E-mail: mail@elms.co.za

Block 5, 5 Hunter Avenue  
 Ferndale, Randburg, South Africa  
 Facsimile: (011) 787-3059  
 Web: http://www.elms.co.za



FAX			
To:	National Department of Agriculture, Fore	From:	Nobuhle Hughes
Att:	Mumsey Gazide	Pages:	1 of 13
Fax:	012 319 7593	Date:	28 August 2015
Phone:		Ref:	1086
Cc:		Fax:	011 787 3059
Re:	ENVIRONMENTAL IMPACT ASSESSMENT FOR THE PROPOSED KOMBERG EAST AND WEST WIND ENERGY FACILITIES, WESTERN & NORTHERN CAPE PROVINCES		

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Kind Regards,  
 Nobuhle Hughes.

**Environmental Impact Management Services (Pty) Ltd**

Registration Number: 226692707 Director: T. Nkomo, A. Smith, L. Whitby

P.O. Box 2063, Pinetown 2123, South Africa  
 Telephone: (011) 789-7170  
 E-mail: mail@elms.co.za

Block 5, 5 Hunter Avenue  
 Ferndale, Randburg, South Africa  
 Facsimile: (011) 787-3059  
 Web: http://www.elms.co.za



FAX			
To:	Northern Cape Department of Transport, R	From:	Nobuhle Hughes
Att:	Natasha Coors	Pages:	1 of 13
Fax:	053 839 2117	Date:	28 August 2015
Phone:		Ref:	1086
Cc:		Fax:	011 787 3059
Re:	ENVIRONMENTAL IMPACT ASSESSMENT FOR THE PROPOSED KOMBERG EAST AND WEST WIND ENERGY FACILITIES, WESTERN & NORTHERN CAPE PROVINCES		

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Kind Regards,  
 Nobuhle Hughes.

\*\*\*\*\*  
 \*\*\* FAX TX REPORT \*\*\*  
 \*\*\*\*\*

TRANSMISSION OK

JOB NO. 0556  
 DEPT. ID 1086  
 DESTINATION ADDRESS 0538313530  
 SUBADDRESS  
 DESTINATION ID  
 ST. TIME 31/08 10:54  
 TX/RX TIME 03:17  
 PGS. 13  
 RESULT OK

\*\*\*\*\*  
 \*\*\* FAX TX REPORT \*\*\*  
 \*\*\*\*\*

TRANSMISSION OK

JOB NO. 0557  
 DEPT. ID 1086  
 DESTINATION ADDRESS 0538314095  
 SUBADDRESS  
 DESTINATION ID  
 ST. TIME 31/08 10:58  
 TX/RX TIME 11:09  
 PGS. 13  
 RESULT OK

**Environmental Impact Management Services (Pty) Ltd**

Registration Number: 226692707 Director: T. Nkomo, A. Smith, L. Whitby

P.O. Box 2063, Pinetown 2123, South Africa  
 Telephone: (011) 789-7170  
 E-mail: mail@elms.co.za

Block 5, 5 Hunter Avenue  
 Ferndale, Randburg, South Africa  
 Facsimile: (011) 787-3059  
 Web: http://www.elms.co.za



FAX			
To:	Northern Cape of Environment and Nature	From:	Nobuhle Hughes
Att:	O Ndumano	Pages:	1 of 13
Fax:	053 831 3530	Date:	28 August 2015
Phone:		Ref:	1086
Cc:		Fax:	011 787 3059
Re:	ENVIRONMENTAL IMPACT ASSESSMENT FOR THE PROPOSED KOMBERG EAST AND WEST WIND ENERGY FACILITIES, WESTERN & NORTHERN CAPE PROVINCES		

Dear Interested and Affected Party,

Please find attached notification (provided in English and Afrikaans) regarding an application for Environmental Authorisation and the availability of the Draft Scoping Report, for the above mentioned project.

If you have any issues and/or concerns in this regard, please do not hesitate to contact EIMS.

Kind Regards,  
 Nobuhle Hughes.

**Environmental Impact Management Services (Pty) Ltd**

Registration Number: 226692707 Director: T. Nkomo, A. Smith, L. Whitby

P.O. Box 2063, Pinetown 2123, South Africa  
 Telephone: (011) 789-7170  
 E-mail: mail@elms.co.za

Block 5, 5 Hunter Avenue  
 Ferndale, Randburg, South Africa  
 Facsimile: (011) 787-3059  
 Web: http://www.elms.co.za



FAX			
To:	Northern Cape Department of Rural Develo	From:	Nobuhle Hughes
Att:	Obed Myula	Pages:	1 of 13
Fax:	053 831 4085	Date:	28 August 2015
Phone:		Ref:	1086
Cc:		Fax:	011 787 3059
Re:	ENVIRONMENTAL IMPACT ASSESSMENT FOR THE PROPOSED KOMBERG EAST AND WEST WIND ENERGY FACILITIES, WESTERN & NORTHERN CAPE PROVINCES		

Dear Interested and Affected Party,

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Kind Regards,  
 Nobuhle Hughes.

\*\*\*\*\*  
 \*\*\* FAX TX REPORT \*\*\*  
 \*\*\*\*\*

TRANSMISSION OK

JOB NO. 0558  
 DEPT. ID 1086  
 DESTINATION ADDRESS 0235511019  
 SUBADDRESS  
 DESTINATION ID  
 ST. TIME 31/08 11:09  
 TX/RX TIME 03'17  
 PGS. 13  
 RESULT OK

**Environmental Impact Management Services (Pty) Ltd**

Registration Number: 226022707 Director: T. Ncube, A. Smith, L. Whitlow

P.O. Box 2083, Pinegowrie 2123, South Africa  
 Telephone: (011) 789-7170  
 E-mail: mail@eims.co.za

Block 5, 6 Hunter Avenue  
 Fernside, Randburg, South Africa  
 Facsimile: (011) 787-3059  
 Web: http://www.eims.co.za



FAX	
To:	Langeburg Local Municipality
From:	Nobuhle Hughes
Att:	Pedro Williams
Pages:	1 of 13
Fax:	023 551 1019
Date:	28 August 2015
Phone:	Ref: 1086
Cc:	Fax: 011 787 3059
Re:	ENVIRONMENTAL IMPACT ASSESSMENT FOR THE PROPOSED KOMSBERG EAST AND WEST WIND ENERGY FACILITIES, WESTERN & NORTHERN CAPE PROVINCES

Dear Interested and Affected Party,

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Kind Regards,  
 Nobuhle Hughes.

\*\*\*\*\*  
 \*\*\* FAX TX REPORT \*\*\*  
 \*\*\*\*\*

TRANSMISSION OK

JOB NO. 0559  
 DEPT. ID 1086  
 DESTINATION ADDRESS 0217011399  
 SUBADDRESS  
 DESTINATION ID  
 ST. TIME 31/08 11:13  
 TX/RX TIME 10'20  
 PGS. 13  
 RESULT OK

**Environmental Impact Management Services (Pty) Ltd**

Registration Number: 226022707 Director: T. Ncube, A. Smith, L. Whitlow

P.O. Box 2083, Pinegowrie 2123, South Africa  
 Telephone: (011) 789-7170  
 E-mail: mail@eims.co.za

Block 5, 6 Hunter Avenue  
 Fernside, Randburg, South Africa  
 Facsimile: (011) 787-3059  
 Web: http://www.eims.co.za



FAX	
To:	Wildlife and Environment Society of Sout
From:	Nobuhle Hughes
Att:	Philippa Huntly
Pages:	1 of 13
Fax:	021 701 1399
Date:	28 August 2015
Phone:	Ref: 1086
Cc:	Fax: 011 787 3059
Re:	ENVIRONMENTAL IMPACT ASSESSMENT FOR THE PROPOSED KOMSBERG EAST AND WEST WIND ENERGY FACILITIES, WESTERN & NORTHERN CAPE PROVINCES

Dear Interested and Affected Party,

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Kind Regards,  
 Nobuhle Hughes.

\*\*\*\*\*  
 \*\*\* FAX TX REPORT \*\*\*  
 \*\*\*\*\*

TRANSMISSION OK

JOB NO. 0562  
 DEPT. ID 1086  
 DESTINATION ADDRESS 0214473639  
 SUBADDRESS  
 DESTINATION ID  
 ST. TIME 31/08 11:25  
 TX/RX TIME 10'31  
 PGS. 13  
 RESULT OK

**Environmental Impact Management Services (Pty) Ltd**

Registration Number: 226022707 Director: T. Ncube, A. Smith, L. Whitlow

P.O. Box 2083, Pinegowrie 2123, South Africa  
 Telephone: (011) 789-7170  
 E-mail: mail@eims.co.za

Block 5, 6 Hunter Avenue  
 Fernside, Randburg, South Africa  
 Facsimile: (011) 787-3059  
 Web: http://www.eims.co.za



FAX	
To:	The Southern African Large Telescope (SA
From:	Nobuhle Hughes
Att:	Ramothlo Sefaku
Pages:	1 of 13
Fax:	021 447 3839
Date:	28 August 2015
Phone:	Ref: 1086
Cc:	Fax: 011 787 3059
Re:	ENVIRONMENTAL IMPACT ASSESSMENT FOR THE PROPOSED KOMSBERG EAST AND WEST WIND ENERGY FACILITIES, WESTERN & NORTHERN CAPE PROVINCES

Dear Interested and Affected Party,

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Kind Regards,  
 Nobuhle Hughes.

\*\*\*\*\*  
 \*\*\* FAX TX REPORT \*\*\*  
 \*\*\*\*\*

TRANSMISSION OK

JOB NO. 0563  
 DEPT. ID 1086  
 DESTINATION ADDRESS 0219416100  
 SUBADDRESS  
 DESTINATION ID  
 ST. TIME 31/08 11:36  
 TX/RX TIME 10'16  
 PGS. 13  
 RESULT OK

**Environmental Impact Management Services (Pty) Ltd**

Registration Number: 226022707 Director: T. Ncube, A. Smith, L. Whitlow

P.O. Box 2083, Pinegowrie 2123, South Africa  
 Telephone: (011) 789-7170  
 E-mail: mail@eims.co.za

Block 5, 6 Hunter Avenue  
 Fernside, Randburg, South Africa  
 Facsimile: (011) 787-3059  
 Web: http://www.eims.co.za



FAX	
To:	Western Cape Department of Water and San
From:	Nobuhle Hughes
Att:	Rashid Khan
Pages:	1 of 13
Fax:	021 941 6100
Date:	28 August 2015
Phone:	Ref: 1086
Cc:	Fax: 011 787 3059
Re:	ENVIRONMENTAL IMPACT ASSESSMENT FOR THE PROPOSED KOMSBERG EAST AND WEST WIND ENERGY FACILITIES, WESTERN & NORTHERN CAPE PROVINCES

Dear Interested and Affected Party,

Please find attached notification (provided in English and Afrikaans) regarding an application for Environmental Authorisation and the availability of the Draft Scoping Report, for the above mentioned project.

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Kind Regards,  
 Nobuhle Hughes.

\*\*\*\*\*  
 \*\*\* FAX TX REPORT \*\*\*  
 \*\*\*\*\*

TRANSMISSION OK

JOB NO. 0565  
 DEPT. ID 1086  
 DESTINATION ADDRESS 0114714771  
 SUBADDRESS  
 OBSERVATION ID  
 ST. TIME 31/08 11:48  
 TX/RX TIME 10' 21  
 PGS. 13  
 RESULT OK

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 \*\*\* FAX TX REPORT \*\*\*  
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TRANSMISSION OK

JOB NO. 0566  
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 DESTINATION ADDRESS 0867434411  
 SUBADDRESS  
 OBSERVATION ID  
 ST. TIME 31/08 11:58  
 TX/RX TIME 10' 09  
 PGS. 13  
 RESULT OK

**Environmental Impact Management Services (Pty) Ltd**

Registration Number: 920592767 Director: T. Nkomo, A. Smith, L. Whitton

P.O. Box 2083, Pinetown 2123, South Africa  
 Telephone: (011) 789-7170  
 E-mail: mail@elms.co.za

Block 5, 5 Hunter Avenue  
 Ferndale, Randburg, South Africa  
 Facsimile: (011) 787-3059  
 Web: http://www.elms.co.za



**Environmental Impact Management Services (Pty) Ltd**

Registration Number: 920592767 Director: T. Nkomo, A. Smith, L. Whitton

P.O. Box 2083, Pinetown 2123, South Africa  
 Telephone: (011) 789-7170  
 E-mail: mail@elms.co.za

Block 5, 5 Hunter Avenue  
 Ferndale, Randburg, South Africa  
 Facsimile: (011) 787-3059  
 Web: http://www.elms.co.za



FAX			
To:	Sender Technology Park (STP) SENTECH	From:	Nobuhle Hughes
Att:	Rhundzani Rashikinyi	Pages:	1 of 13
Fax:	011 471 4771	Date:	28 August 2015
Phone:		Ref:	1086
Cc:		Fax:	011 787 3059
Re:	ENVIRONMENTAL IMPACT ASSESSMENT FOR THE PROPOSED KOMSBERG EAST AND WEST WIND ENERGY FACILITIES, WESTERN & NORTHERN CAPE PROVINCES		

Dear Interested and Affected Party,

Please find attached notification (provided in English and Afrikaans) regarding an application for Environmental Authorisation and the availability of the Draft Scoping Report, for the above mentioned project.

If you have any issues and/or concerns in this regard, please do not hesitate to contact EIMS.

Kind Regards,  
 Nobuhle Hughes.

FAX			
To:	Sender Technology Park (STP) SENTECH	From:	Nobuhle Hughes
Att:	Rhundzani Rashikinyi	Pages:	1 of 13
Fax:	086 743 4411	Date:	28 August 2015
Phone:		Ref:	1086
Cc:		Fax:	011 787 3059
Re:	ENVIRONMENTAL IMPACT ASSESSMENT FOR THE PROPOSED KOMSBERG EAST AND WEST WIND ENERGY FACILITIES, WESTERN & NORTHERN CAPE PROVINCES		

Dear Interested and Affected Party,

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Kind Regards,  
 Nobuhle Hughes.

\*\*\*\*\*  
 \*\*\* FAX TX REPORT \*\*\*  
 \*\*\*\*\*

TRANSMISSION OK

JOB NO. 0567  
 DEPT. ID 1086  
 DESTINATION ADDRESS 0866618762  
 SUBADDRESS  
 OBSERVATION ID  
 ST. TIME 31/08 12:09  
 TX/RX TIME 26' 18  
 PGS. 13  
 RESULT OK

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 \*\*\* FAX TX REPORT \*\*\*  
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TRANSMISSION OK

JOB NO. 0532  
 DEPT. ID 1086  
 DESTINATION ADDRESS 0118003917  
 SUBADDRESS  
 OBSERVATION ID  
 ST. TIME 31/08 13:08  
 TX/RX TIME 10' 28  
 PGS. 13  
 RESULT OK

**Environmental Impact Management Services (Pty) Ltd**

Registration Number: 920592767 Director: T. Nkomo, A. Smith, L. Whitton

P.O. Box 2083, Pinetown 2123, South Africa  
 Telephone: (011) 789-7170  
 E-mail: mail@elms.co.za

Block 5, 5 Hunter Avenue  
 Ferndale, Randburg, South Africa  
 Facsimile: (011) 787-3059  
 Web: http://www.elms.co.za



**Environmental Impact Management Services (Pty) Ltd**

Registration Number: 920592767 Director: T. Nkomo, A. Smith, L. Whitton

P.O. Box 2083, Pinetown 2123, South Africa  
 Telephone: (011) 789-7170  
 E-mail: mail@elms.co.za

Block 5, 5 Hunter Avenue  
 Ferndale, Randburg, South Africa  
 Facsimile: (011) 787-3059  
 Web: http://www.elms.co.za



FAX			
To:	Eskom	From:	Nobuhle Hughes
Att:	Rochelle McPherson	Pages:	1 of 13
Fax:	086 661 8762	Date:	28 August 2015
Phone:		Ref:	1086
Cc:		Fax:	011 787 3059
Re:	ENVIRONMENTAL IMPACT ASSESSMENT FOR THE PROPOSED KOMSBERG EAST AND WEST WIND ENERGY FACILITIES, WESTERN & NORTHERN CAPE PROVINCES		

Dear Interested and Affected Party,

Please find attached notification (provided in English and Afrikaans) regarding an application for Environmental Authorisation and the availability of the Draft Scoping Report, for the above mentioned project.

If you have any issues and/or concerns in this regard, please do not hesitate to contact EIMS.

Kind Regards,  
 Nobuhle Hughes.

FAX			
To:	Eskom	From:	Nobuhle Hughes
Att:	John Gearingh	Pages:	1 of 13
Fax:	011 800 3017	Date:	28 August 2015
Phone:		Ref:	1086
Cc:		Fax:	011 787 3059
Re:	ENVIRONMENTAL IMPACT ASSESSMENT FOR THE PROPOSED KOMSBERG EAST AND WEST WIND ENERGY FACILITIES, WESTERN & NORTHERN CAPE PROVINCES		

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Kind Regards,  
 Nobuhle Hughes.



\*\*\*\*\*  
 \*\*\* FAX TX REPORT \*\*\*  
 \*\*\*\*\*

TRANSMISSION OK

JOB NO. 0568  
 DEPT. ID 1086  
 DESTINATION ADDRESS 0867671786  
 SUBADDRESS  
 DESTINATION ID  
 ST. TIME 31/08 12:35  
 TX/RX TIME 26'19  
 PGS. 13  
 RESULT OK

**Environmental Impact Management Services (Pty) Ltd**

Registration Number: 52652707 Director: T. Mkhahle, A. Smith, L. Whitlow  
 P.O. Box 2083, Pinegowrie Block 5, 5 Hunter Avenue  
 2123, South Africa Ferndale, Randburg, South Africa  
 Telephone: (011) 789-7170 Facsimile: (011) 787-3059  
 E-mail: mail@elms.co.za Web: http://www.elms.co.za



\*\*\*\*\*  
 \*\*\* FAX TX REPORT \*\*\*  
 \*\*\*\*\*

TRANSMISSION OK

JOB NO. 0570  
 DEPT. ID 1086  
 DESTINATION ADDRESS 0123196702  
 SUBADDRESS  
 DESTINATION ID  
 ST. TIME 31/08 13:03  
 TX/RX TIME 02'47  
 PGS. 13  
 RESULT OK

**Environmental Impact Management Services (Pty) Ltd**

Registration Number: 52652707 Director: T. Mkhahle, A. Smith, L. Whitlow  
 P.O. Box 2083, Pinegowrie Block 5, 5 Hunter Avenue  
 2123, South Africa Ferndale, Randburg, South Africa  
 Telephone: (011) 789-7170 Facsimile: (011) 787-3059  
 E-mail: mail@elms.co.za Web: http://www.elms.co.za



FAX			
To:	Wildlife and Environment Society of Sout	From:	Nobuhle Hughes
Att:	Rudzani Nemukula	Pages:	1 of 13
Fax:	086 787 1788	Date:	28 August 2015
Phone:		Ref:	1086
Cc:		Fax:	011 787 3059
Re:	ENVIRONMENTAL IMPACT ASSESSMENT FOR THE PROPOSED KONSBERG EAST AND WEST WIND ENERGY FACILITIES, WESTERN & NORTHERN CAPE PROVINCES		

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If you have any issues and/or concerns in this regard, please do not hesitate to contact EIMS.

Kind Regards,  
 Nobuhle Hughes.

FAX			
To:	National Department of Agriculture, Fore	From:	Nobuhle Hughes
Att:	S. Hitzler-Masa	Pages:	1 of 13
Fax:	012 319 6702	Date:	28 August 2015
Phone:		Ref:	1086
Cc:		Fax:	011 787 3059
Re:	ENVIRONMENTAL IMPACT ASSESSMENT FOR THE PROPOSED KONSBERG EAST AND WEST WIND ENERGY FACILITIES, WESTERN & NORTHERN CAPE PROVINCES		

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Kind Regards,  
 Nobuhle Hughes.

\*\*\*\*\*  
 \*\*\* FAX TX REPORT \*\*\*  
 \*\*\*\*\*

TRANSMISSION OK

JOB NO. 0572  
 DEPT. ID 1086  
 DESTINATION ADDRESS 0214656550  
 SUBADDRESS  
 DESTINATION ID  
 ST. TIME 31/08 13:18  
 TX/RX TIME 10'14  
 PGS. 13  
 RESULT OK

**Environmental Impact Management Services (Pty) Ltd**

Registration Number: 52652707 Director: T. Mkhahle, A. Smith, L. Whitlow  
 P.O. Box 2083, Pinegowrie Block 5, 5 Hunter Avenue  
 2123, South Africa Ferndale, Randburg, South Africa  
 Telephone: (011) 789-7170 Facsimile: (011) 787-3059  
 E-mail: mail@elms.co.za Web: http://www.elms.co.za



\*\*\*\*\*  
 \*\*\* FAX TX REPORT \*\*\*  
 \*\*\*\*\*

TRANSMISSION OK

JOB NO. 0584  
 DEPT. ID 1086  
 DESTINATION ADDRESS 0123236419  
 SUBADDRESS  
 DESTINATION ID  
 ST. TIME 31/08 14:09  
 TX/RX TIME 10'13  
 PGS. 13  
 RESULT OK

**Environmental Impact Management Services (Pty) Ltd**

Registration Number: 52652707 Director: T. Mkhahle, A. Smith, L. Whitlow  
 P.O. Box 2083, Pinegowrie Block 5, 5 Hunter Avenue  
 2123, South Africa Ferndale, Randburg, South Africa  
 Telephone: (011) 789-7170 Facsimile: (011) 787-3059  
 E-mail: mail@elms.co.za Web: http://www.elms.co.za



FAX			
To:	Department of Agriculture, Forestry and	From:	Nobuhle Hughes
Att:	Selby Bokaba	Pages:	1 of 13
Fax:	021 468 6500	Date:	28 August 2015
Phone:		Ref:	1086
Cc:		Fax:	011 787 3059
Re:	ENVIRONMENTAL IMPACT ASSESSMENT FOR THE PROPOSED KONSBERG EAST AND WEST WIND ENERGY FACILITIES, WESTERN & NORTHERN CAPE PROVINCES		

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If you have any issues and/or concerns in this regard, please do not hesitate to contact EIMS.

Kind Regards,  
 Nobuhle Hughes.

FAX			
To:	National Department of Rural Development	From:	Nobuhle Hughes
Att:	Tshepo Monnagala	Pages:	1 of 13
Fax:	012 323 6419	Date:	28 August 2015
Phone:		Ref:	1086
Cc:		Fax:	011 787 3059
Re:	ENVIRONMENTAL IMPACT ASSESSMENT FOR THE PROPOSED KONSBERG EAST AND WEST WIND ENERGY FACILITIES, WESTERN & NORTHERN CAPE PROVINCES		

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Kind Regards,  
 Nobuhle Hughes.

\*\*\*\*\*  
 \*\*\* FAX TX REPORT \*\*\*  
 \*\*\*\*\*

## TRANSMISSION OK

JOB NO. 0586  
 DEPT. ID 1086  
 DESTINATION ADDRESS 0214624509  
 SUBADDRESS  
 DESTINATION ID  
 SE. TIME 31/08 14:21  
 TX/RX TIME 02:54  
 PGS. 13  
 RESULT OK

## Environmental Impact Management Services (Pty) Ltd

Registration Number: 200527207 Director: T. Ntshela, A. Smith, L. Wilkie

P.O. Box 2053, Pinetown Block 5, 5 Hunter Avenue  
 2123, South Africa Fanciale, Randburg, South Africa  
 Telephone: (011) 789-7170 Facsimile: (011) 787-3059  
 E-mail: mail@eims.co.za Web: http://www.eims.co.za



FAX			
To:	South African Heritage Resources Agency	From:	Nobuhle Hughes
Att:	Veliswa Baduza	Pages:	1 of 13
Fax:	021 462 4509	Date:	28 August 2015
Phone:		Ref:	1086
Cc:		Fax:	011 787 3059
Re:	ENVIRONMENTAL IMPACT ASSESSMENT FOR THE PROPOSED KOMSBERG EAST AND WEST WIND ENERGY FACILITIES, WESTERN & NORTHERN CAPE PROVINCES		

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Kind Regards,  
 Nobuhle Hughes.

\*\*\*\*\*  
 \*\*\* FAX TX REPORT \*\*\*  
 \*\*\*\*\*

## TRANSMISSION OK

JOB NO. 0581  
 DEPT. ID 1086  
 DESTINATION ADDRESS 0214832589  
 SUBADDRESS  
 DESTINATION ID  
 SE. TIME 31/08 13:54  
 TX/RX TIME 10:09  
 PGS. 13  
 RESULT OK

## Environmental Impact Management Services (Pty) Ltd

Registration Number: 200527207 Director: T. Ntshela, A. Smith, L. Wilkie

P.O. Box 2053, Pinetown Block 5, 5 Hunter Avenue  
 2123, South Africa Fanciale, Randburg, South Africa  
 Telephone: (011) 789-7170 Facsimile: (011) 787-3059  
 E-mail: mail@eims.co.za Web: http://www.eims.co.za



FAX			
To:	Western Cape Department of Human Settlements	From:	Nobuhle Hughes
Att:	Thando Mqusi	Pages:	1 of 13
Fax:	021 483 2589	Date:	28 August 2015
Phone:		Ref:	1086
Cc:		Fax:	011 787 3059
Re:	ENVIRONMENTAL IMPACT ASSESSMENT FOR THE PROPOSED KOMSBERG EAST AND WEST WIND ENERGY FACILITIES, WESTERN & NORTHERN CAPE PROVINCES		

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Kind Regards,  
 Nobuhle Hughes.

\*\*\*\*\*  
 \*\*\* FAX TX REPORT \*\*\*  
 \*\*\*\*\*

## TRANSMISSION OK

JOB NO. 0582  
 DEPT. ID 1086  
 DESTINATION ADDRESS 0123295938  
 SUBADDRESS  
 DESTINATION ID  
 SE. TIME 31/08 14:05  
 TX/RX TIME 02:59  
 PGS. 13  
 RESULT OK

## Environmental Impact Management Services (Pty) Ltd

Registration Number: 200527207 Director: T. Ntshela, A. Smith, L. Wilkie

P.O. Box 2053, Pinetown Block 5, 5 Hunter Avenue  
 2123, South Africa Fanciale, Randburg, South Africa  
 Telephone: (011) 789-7170 Facsimile: (011) 787-3059  
 E-mail: mail@eims.co.za Web: http://www.eims.co.za



FAX			
To:	National Department of Agriculture, Fore	From:	Nobuhle Hughes
Att:	Thoko Bulhezi	Pages:	1 of 13
Fax:	012 329 5938	Date:	28 August 2015
Phone:		Ref:	1086
Cc:		Fax:	011 787 3059
Re:	ENVIRONMENTAL IMPACT ASSESSMENT FOR THE PROPOSED KOMSBERG EAST AND WEST WIND ENERGY FACILITIES, WESTERN & NORTHERN CAPE PROVINCES		

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Kind Regards,  
 Nobuhle Hughes.

\*\*\*\*\*  
 \*\*\* FAX TX REPORT \*\*\*  
 \*\*\*\*\*

## TRANSMISSION OK

JOB NO. 0580  
 DEPT. ID 1086  
 DESTINATION ADDRESS 0215441420  
 SUBADDRESS  
 DESTINATION ID  
 SE. TIME 31/08 13:51  
 TX/RX TIME 03:03  
 PGS. 13  
 RESULT OK

## Environmental Impact Management Services (Pty) Ltd

Registration Number: 200527207 Director: T. Ntshela, A. Smith, L. Wilkie

P.O. Box 2053, Pinetown Block 5, 5 Hunter Avenue  
 2123, South Africa Fanciale, Randburg, South Africa  
 Telephone: (011) 789-7170 Facsimile: (011) 787-3059  
 E-mail: mail@eims.co.za Web: http://www.eims.co.za



FAX			
To:	Western Cape Department of Agriculture,	From:	Nobuhle Hughes
Att:	Thando Ndubuka	Pages:	1 of 13
Fax:	021 944 1420	Date:	28 August 2015
Phone:		Ref:	1086
Cc:		Fax:	011 787 3059
Re:	ENVIRONMENTAL IMPACT ASSESSMENT FOR THE PROPOSED KOMSBERG EAST AND WEST WIND ENERGY FACILITIES, WESTERN & NORTHERN CAPE PROVINCES		

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Kind Regards,  
 Nobuhle Hughes.

\*\*\*\*\*  
 \*\*\* FAX TX REPORT \*\*\*  
 \*\*\*\*\*

TRANSMISSION OK

JOB NO.	0577
DEPT. ID	1086
DESTINATION ADDRESS	0234143675
SUBADDRESS	
DESTINATION ID	
SE. TIME	31/08 13:44
TX/RX TIME	02' 47
PGS.	13
RESULT	OK

**Environmental Impact Management Services (Pty) Ltd**

Registration Number: 926927/07 Director: T. Ntshhele, A. Smith, L. Whitlow

P.O. Box 2083, Pinetown 2123, South Africa  
 Telephone: (011) 789-7170  
 E-mail: mail@elms.co.za

Block 5, 5 Hunter Avenue  
 Ferndale, Randburg, South Africa  
 Facsimile: (011) 787-3059  
 Web: http://www.elms.co.za



FAX			
To:	Central Karoo District Municipality	From:	Nobuhle Hughes
Att:	Stefanus Jooste	Pages:	1 of 13
Fax:	023 414 3675	Date:	28 August 2015
Phone:		Ref:	1086
Cc:		Fax:	011 787 3059
Re:	ENVIRONMENTAL IMPACT ASSESSMENT FOR THE PROPOSED KONSBERG EAST AND WEST WIND ENERGY FACILITIES, WESTERN & NORTHERN CAPE PROVINCES		

Dear Interested and Affected Party,

Please find attached notification (provided in English and Afrikaans) regarding an application for Environmental Authorisation and the availability of the Draft Scoping Report, for the above mentioned project.

If you have any issues and/or concerns in this regard, please do not hesitate to contact EIMS.

Kind Regards,  
 Nobuhle Hughes.

\*\*\*\*\*  
 \*\*\* FAX TX REPORT \*\*\*  
 \*\*\*\*\*

TRANSMISSION OK

JOB NO.	0578
DEPT. ID	1085
DESTINATION ADDRESS	0219441420
SUBADDRESS	
DESTINATION ID	
SE. TIME	31/08 13:47
TX/RX TIME	03' 02
PGS.	13
RESULT	OK

**Environmental Impact Management Services (Pty) Ltd**

Registration Number: 926927/07 Director: T. Ntshhele, A. Smith, L. Whitlow

P.O. Box 2083, Pinetown 2123, South Africa  
 Telephone: (011) 789-7170  
 E-mail: mail@elms.co.za

Block 5, 5 Hunter Avenue  
 Ferndale, Randburg, South Africa  
 Facsimile: (011) 787-3059  
 Web: http://www.elms.co.za



FAX			
To:	Western Cape Department of Agriculture,	From:	Nobuhle Hughes
Att:	Susan Staysn	Pages:	1 of 13
Fax:	021 944 1420	Date:	28 August 2015
Phone:		Ref:	1086
Cc:		Fax:	011 787 3059
Re:	ENVIRONMENTAL IMPACT ASSESSMENT FOR THE PROPOSED KONSBERG EAST AND WEST WIND ENERGY FACILITIES, WESTERN & NORTHERN CAPE PROVINCES		

Dear Interested and Affected Party,

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If you have any issues and/or concerns in this regard, please do not hesitate to contact EIMS.

Kind Regards,  
 Nobuhle Hughes.

\*\*\*\*\*  
 \*\*\* FAX TX REPORT \*\*\*  
 \*\*\*\*\*

TRANSMISSION OK

JOB NO.	0574
DEPT. ID	1085
DESTINATION ADDRESS	0214271046
SUBADDRESS	
DESTINATION ID	
SE. TIME	31/08 13:31
TX/RX TIME	11' 14
PGS.	13
RESULT	OK

**Environmental Impact Management Services (Pty) Ltd**

Registration Number: 926927/07 Director: T. Ntshhele, A. Smith, L. Whitlow

P.O. Box 2083, Pinetown 2123, South Africa  
 Telephone: (011) 789-7170  
 E-mail: mail@elms.co.za

Block 5, 5 Hunter Avenue  
 Ferndale, Randburg, South Africa  
 Facsimile: (011) 787-3059  
 Web: http://www.elms.co.za



FAX			
To:	Western Cape Department of Mineral Resou	From:	Nobuhle Hughes
Att:	Sibongile Kunene	Pages:	1 of 13
Fax:	021 427 1046	Date:	28 August 2015
Phone:		Ref:	1086
Cc:		Fax:	011 787 3059
Re:	ENVIRONMENTAL IMPACT ASSESSMENT FOR THE PROPOSED KONSBERG EAST AND WEST WIND ENERGY FACILITIES, WESTERN & NORTHERN CAPE PROVINCES		

Dear Interested and Affected Party,

Please find attached notification (provided in English and Afrikaans) regarding an application for Environmental Authorisation and the availability of the Draft Scoping Report, for the above mentioned project.

If you have any issues and/or concerns in this regard, please do not hesitate to contact EIMS.

Kind Regards,  
 Nobuhle Hughes.

\*\*\*\*\*  
 \*\*\* FAX TX REPORT \*\*\*  
 \*\*\*\*\*

TRANSMISSION OK

JOB NO.	0587
DEPT. ID	1085
DESTINATION ADDRESS	0538313635
SUBADDRESS	
DESTINATION ID	
SE. TIME	31/08 14:24
TX/RX TIME	03' 05
PGS.	13
RESULT	OK

**Environmental Impact Management Services (Pty) Ltd**

Registration Number: 926927/07 Director: T. Ntshhele, A. Smith, L. Whitlow

P.O. Box 2083, Pinetown 2123, South Africa  
 Telephone: (011) 789-7170  
 E-mail: mail@elms.co.za

Block 5, 5 Hunter Avenue  
 Ferndale, Randburg, South Africa  
 Facsimile: (011) 787-3059  
 Web: http://www.elms.co.za



FAX			
To:	Northern Cape Department of Agriculture,	From:	Nobuhle Hughes
Att:	Wijan Mthibh	Pages:	1 of 13
Fax:	053 831 3635	Date:	28 August 2015
Phone:		Ref:	1086
Cc:		Fax:	011 787 3059
Re:	ENVIRONMENTAL IMPACT ASSESSMENT FOR THE PROPOSED KONSBERG EAST AND WEST WIND ENERGY FACILITIES, WESTERN & NORTHERN CAPE PROVINCES		

Dear Interested and Affected Party,

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If you have any issues and/or concerns in this regard, please do not hesitate to contact EIMS.

Kind Regards,  
 Nobuhle Hughes.

\*\*\*\*\*  
 \*\*\* FAX TX REPORT \*\*\*  
 \*\*\*\*\*

TRANSMISSION OK

JOB NO. 0599  
 DEPT. ID 1086  
 DESTINATION ADDRESS 0214271048  
 SUBADDRESS  
 DESTINATION ID  
 ST. TIME 31/08 14:29  
 TX/RX TIME 11' 18  
 PGS. 13  
 RESULT OK

**Environmental Impact Management Services (Pty) Ltd**

Registration Number: 226327/07 Director: T. Mkhize, A. Smith, L. Whitlow

P.O. Box 2063, Pinegowrie 2123, South Africa  
 Telephone: (011) 789-7170  
 E-mail: mail@eims.co.za

Block 5, 5 Hunter Avenue  
 Ferndale, Randburg, South Africa  
 Facsimile: (011) 787-3059  
 Web: http://www.eims.co.za



\*\*\*\*\*  
 \*\*\* FAX TX REPORT \*\*\*  
 \*\*\*\*\*

TRANSMISSION OK

JOB NO. 0599  
 DEPT. ID 1086  
 DESTINATION ADDRESS 0235511019  
 SUBADDRESS  
 DESTINATION ID  
 ST. TIME 31/08 14:41  
 TX/RX TIME 03' 50  
 PGS. 13  
 RESULT OK

**Environmental Impact Management Services (Pty) Ltd**

Registration Number: 226327/07 Director: T. Mkhize, A. Smith, L. Whitlow

P.O. Box 2063, Pinegowrie 2123, South Africa  
 Telephone: (011) 789-7170  
 E-mail: mail@eims.co.za

Block 5, 5 Hunter Avenue  
 Ferndale, Randburg, South Africa  
 Facsimile: (011) 787-3059  
 Web: http://www.eims.co.za



FAX			
To:	Western Cape Department of Mineral Resou	From:	Nobuhle Hughes
Att:	Vusumuzi Mwelese	Pages:	1 of 13
Fax:	021 427 1048	Date:	28 August 2015
Phone:		Ref:	1086
Cc:		Fax:	011 787 3059
Re:	ENVIRONMENTAL IMPACT ASSESSMENT FOR THE PROPOSED KOMSBERG EAST AND WEST WIND ENERGY FACILITIES, WESTERN & NORTHERN CAPE PROVINCES		

Dear Interested and Affected Party,

Please find attached notification (provided in English and Afrikaans) regarding an application for Environmental Authorisation and the availability of the Draft Scoping Report, for the above mentioned project.

If you have any issues and/or concerns in this regard, please do not hesitate to contact EIMS.

Kind Regards,  
 Nobuhle Hughes.

FAX			
To:	Langeburg Local Municipality	From:	Nobuhle Hughes
Att:	Wilhelm DuP Theron	Pages:	1 of 13
Fax:	023 651 1019	Date:	28 August 2015
Phone:		Ref:	1086
Cc:		Fax:	011 787 3059
Re:	ENVIRONMENTAL IMPACT ASSESSMENT FOR THE PROPOSED KOMSBERG EAST AND WEST WIND ENERGY FACILITIES, WESTERN & NORTHERN CAPE PROVINCES		

Dear Interested and Affected Party,

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If you have any issues and/or concerns in this regard, please do not hesitate to contact EIMS.

Kind Regards,  
 Nobuhle Hughes.

\*\*\*\*\*  
 \*\*\* FAX TX REPORT \*\*\*  
 \*\*\*\*\*

TRANSMISSION OK

JOB NO. 0604  
 DEPT. ID 1086  
 DESTINATION ADDRESS 0865162183  
 SUBADDRESS  
 DESTINATION ID  
 ST. TIME 31/08 15:53  
 TX/RX TIME 50' 34  
 PGS. 13  
 RESULT OK

**Environmental Impact Management Services (Pty) Ltd**

Registration Number: 226327/07 Director: T. Mkhize, A. Smith, L. Whitlow

P.O. Box 2063, Pinegowrie 2123, South Africa  
 Telephone: (011) 789-7170  
 E-mail: mail@eims.co.za

Block 5, 5 Hunter Avenue  
 Ferndale, Randburg, South Africa  
 Facsimile: (011) 787-3059  
 Web: http://www.eims.co.za



FAX			
To:	Karoo Hoogland Municipality	From:	Nobuhle Hughes
Att:	GW Von Mollendorf	Pages:	1 of 13
Fax:	0885162183	Date:	28 August 2015
Phone:		Ref:	1086
Cc:		Fax:	011 787 3059
Re:	ENVIRONMENTAL IMPACT ASSESSMENT FOR THE PROPOSED KOMSBERG EAST AND WEST WIND ENERGY FACILITIES, WESTERN & NORTHERN CAPE PROVINCES		

Dear Interested and Affected Party,

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If you have any issues and/or concerns in this regard, please do not hesitate to contact EIMS.

Kind Regards,  
 Nobuhle Hughes.

**Komsberg**

From: liam whitlow <liamwhitlow@gmail.com>  
 Sent: 28 August 2015 05:20 PM  
 Cc: hughes', 'nobuhle; komsberg@eims.co.za  
 Subject: EIA FOR THE PROPOSED KOMSBERG WIND ENERGY FACILITIES/OMGEWINGSIMPAKSTUDIE VIR DIE VOORGESTELDE KOMSBERG WINDENERGIE FASILITEITE

Attachments: 2023\_Komsberg WEFS Notification\_15-08-28\_Zizo.pdf

Dear Landowner

Please find attached notification regarding the proposed Komsberg East and West Wind Energy Facilities, within the Western and Northern Cape Provinces as indicated in the attached Background Information Document.

Please be advised that as part of the National Environmental Management Act's Environmental Impact Assessment (EIA) Regulations (2014), both affected landowners and occupiers are to be notified about the proposed development. In this regard we would like to ask the landowners to please notify their respective property occupiers or send us the occupiers' contact details so that we may notify them and include them in the public participation process for this project.

Should you have any queries or concerns, please do not hesitate to contact us.

Geagte Grondelenaar

Vind asseblief aangeheg kennisgewing aangesende die voorgestelde Komsberg Oos- en Wes Windenergie Fasiliteite in die Wes- en Noord-Kaap Provinsies, soos aangedui in die aangehegte agtergrondinligting dokument.

Neem asseblief kennis dat, as deel van die Wet op Nasionale Omgewingsbestuur se Omgewingsimpakstudie (OIS) Regulasies (2014), sowel geaffekteerde grondelenaars as okkupoerders in kennis gestel moet word aangaande die voorgestelde ontwikkeling. In hierdie verband wil ons graag die grondelenaars van ons asseblief hul onderskeie eiendom okkupoerders in kennis stel, of om vir ons die okkupoerders se kontakbesonderhede te stuur sodat ons hulle in kennis kan stel, sodat hulle in die proses van oopbare deelname vir hierdie projek kan deel neem.

Indien u enige navrae of kommentaar het, moet asseblief nie huiwer om ons te kontak nie.

Sincerely,  
 Nobuhle Hughes

**nobuhle hughes**

**From:** liam whitlow <liamwhitlow@gmail.com>  
**Sent:** 28 August 2015 05:20 PM  
**Cc:** hughes, 'nobuhle'; komsberg@elms.co.za  
**Subject:** EIA FOR THE PROPOSED KOMSBERG WIND ENERGY FACILITIES/OMGEWINGSIMPAKSTUDIE VIR DIE VOORGESTELDE KOMSBERG WINDENERGIE FASILITEITE  
**Attachments:** 2023\_Komsberg WEFs Notification\_15-08-28\_Zizo.pdf

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Geagte Grondeienaar

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Indien u enige navrae of kommentaar het, moet asseblief nie huiwer om ons te kontak nie.

Sincerely,  
Nobuhle Hughes

**nobuhle hughes**

**From:** liamwhitlow@gmail.com on behalf of liam whitlow <liam@elms.co.za>  
**Sent:** 28 August 2015 05:21 PM  
**Cc:** hughes, 'nobuhle'; 'Nangamso Siwendu'  
**Subject:** Fwd: EIA FOR THE PROPOSED KOMSBERG WIND ENERGY FACILITIES/OMGEWINGSIMPAKSTUDIE VIR DIE VOORGESTELDE KOMSBERG WINDENERGIE FASILITEITE  
**Attachments:** 2023\_Komsberg WEFs Notification\_15-08-28\_Zizo.pdf

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Indien u enige navrae of kommentaar het, moet asseblief nie huiwer om ons te kontak nie.

Sincerely,  
Nobuhle Hughes  
Environmental Impact Management Services (Pty) Ltd  
Block 5 Fernridge Office Park, 5 Hunter Avenue, Ferndale, Randburg.  
P O Box 2083, Pinetown 2123, South Africa.  
Tel: (011) 789-7170 Fax: (011) 787-3059 Mobile: 083 393-2208 [www.elms.co.za](http://www.elms.co.za)

**nobuhle hughes**

**From:** liamwhitlow@gmail.com on behalf of liam whitlow <liam@elms.co.za>  
**Sent:** 28 August 2015 05:28 PM  
**Cc:** 'Nangamso Siwendu'; hughes, 'nobuhle'  
**Subject:** Fwd: EIA FOR THE PROPOSED KOMSBERG WIND ENERGY FACILITIES/OMGEWINGSIMPAKSTUDIE VIR DIE VOORGESTELDE KOMSBERG WINDENERGIE FASILITEITE  
**Attachments:** 2023\_Komsberg WEFs Notification\_15-08-28\_Zizo.pdf

Dear Interested and Affected Party,

Please find attached notification (provided in English and Afrikaans) regarding an application for environmental authorisation and the availability of the Draft Scoping Report for the above mentioned project.

If you have any queries or concerns, please do not hesitate to contact the undersigned.

Sincerely,  
Nobuhle Hughes

Environmental Impact Management Services (Pty) Ltd  
Block 5 Fernridge Office Park, 5 Hunter Avenue, Ferndale, Randburg.  
P O Box 2083, Pinetown 2123, South Africa.  
Tel: (011) 789-7170 Fax: (011) 787-3059 Mobile: 083 393-2208 [www.elms.co.za](http://www.elms.co.za)

**Komsberg**

**From:** Komsberg WEF <komsberg@elms.co.za>  
**Sent:** 02 September 2015 09:03 AM  
**Cc:** 'Nangamso Zizo Siwendu'  
**Subject:** EIA FOR THE PROPOSED KOMSBERG WIND ENERGY FACILITIES/OMGEWINGSIMPAKSTUDIE VIR DIE VOORGESTELDE KOMSBERG WINDENERGIE FASILITEITE  
**Attachments:** 1086\_Komsberg WEFs Notification\_15-08-28\_Zizo.pdf

**Tracking:**

Recipient	Read
'Nangamso Zizo Siwendu'	Read: 2015-09-02 10:13 AM
'pulisatsi@dmr.gov.za'	
'merie.ca@nrcs@westerncape.gov.za'	
'frank@elms.gov.za'	
'mbarnett@sanbi.org.za'	
'diana@eparienterorthencape.com'	
'ndine.herbst@elms.co.za'	

Dear Interested and Affected Party,

Please find attached notification (provided in English and Afrikaans) regarding an application for environmental authorisation and the availability of the Draft Scoping Report for the above mentioned project.

If you have any queries or concerns, please do not hesitate to contact the undersigned.

Sincerely,  
Nobuhle Hughes



Block 5 Fernridge Office Park, 5 Hunter Avenue, Ferndale, Randburg.

P O Box 2083, Pinetown 2123, South Africa.

Tel: (011) 789-7170 Fax: (011) 787-3059 [www.elms.co.za](http://www.elms.co.za)

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**Komsberg**

**From:** Komsberg WEF <komsberg@eims.co.za>  
**Sent:** 03 September 2015 08:58 AM  
**Cc:** 'Nangamsa Zizo Siwendu'; 'Nangamsa Zizo Siwendu'; 'Nangamsa Zizo Siwendu'; 'Nangamsa Zizo Siwendu'  
**Subject:** EIA FOR THE PROPOSED KOMSBERG WIND ENERGY FACILITIES/OMGEWINGSIMPAKSTUDIE VIR DIE VOORGESTELDE KOMSBERG WINDENERGIE FASILITEITE  
**Attachments:** 1086\_Komsberg WEFs Notification\_15-08-28\_Zizo.pdf

**Tracking:**

Recipient	Read
'Nangamsa Zizo Siwendu'	
wilgerbome@telkomsa.net	
johann@wiba.co.za	Read: 2015-09-03 09:02 AM
kilfontein@breede.co.za	
'accounts@soverby.co.za'	
'damisagile@roggeveld.co.za'	
'ner@roggeveld.co.za'	
'komsstaats@gmail.com'	
'Nangamsa Zizo Siwendu'	Read: 2015-09-03 01:39 PM
wilgerbome@telkomsa.net	Read: 2015-09-03 02:31 PM
johann@wiba.co.za	Read: 2015-09-03 09:02 AM
kilfontein@breede.co.za	
'accounts@soverby.co.za'	
'damisagile@roggeveld.co.za'	
'ner@roggeveld.co.za'	
'komsstaats@gmail.com'	
'Nangamsa Zizo Siwendu'	Read: 2015-09-03 01:39 PM
wilgerbome@telkomsa.net	Read: 2015-09-03 02:31 PM
johann@wiba.co.za	Read: 2015-09-03 09:02 AM
kilfontein@breede.co.za	
'accounts@soverby.co.za'	
'damisagile@roggeveld.co.za'	Read: 2015-09-05 07:24 AM
'ner@roggeveld.co.za'	
'komsstaats@gmail.com'	
'Nangamsa Zizo Siwendu'	Read: 2015-09-03 01:39 PM
wilgerbome@telkomsa.net	Read: 2015-09-03 02:31 PM
johann@wiba.co.za	Read: 2015-09-03 09:02 AM
kilfontein@breede.co.za	
'accounts@soverby.co.za'	
'damisagile@roggeveld.co.za'	Deleted: 2015-10-29 07:52 PM
'ner@roggeveld.co.za'	
'komsstaats@gmail.com'	

Please find attached notification regarding the proposed Komsberg East and West Wind Energy Facilities, within the Western and Northern Cape Provinces as indicated in the attached Background Information Document.

Please be advised that as part of the National Environmental Management Act's Environmental Impact Assessment (EIA) Regulations (2014), both affected landowners and occupiers are to be notified about the proposed development. In this regard we would like to ask the landowners to please notify their respective property occupiers or send us the occupiers' contact details so that we may notify them and include them in the public participation process for this project.

Should you have any queries or concerns, please do not hesitate to contact us.

**Gaagte Groudefennar**

Wind asseblief uitgeheg kennisgewing aangaande die voorgestelde Komsberg Oos- en Wes Windenergie Fasiliteite in die Wes- en Noord-Kaap Provinsies, soos aangedui in die aangehegte agtergrondinligting dokument.

Neem asseblief kennis dat, as deel van die Wet op Nasionale Omgewingsbestuur se Omgewingsimpakstudie (OIS) Regulasies (2014), sowel geaffekteerde grondeienaars as okkupoeders in kennis gestel moet word aangaande die voorgestelde ontwikkeling. In hierdie verband wil ons graag die grondeienaars vra om asseblief hul onderskeie eiendom okkupoeders in kennis stel, of om vir ons die okkupoeders se kontakbesonderhede te stuur sodat ons hulle in kennis kan stel, sodat hulle in die proses van oopbare deelname vir hierdie projek kan deel neem.

Indien u enige navrae of kommentaar het, moet asseblief nie huiwer om ons te kontak nie.

Sincerely,  
**Nobuhle Hughes**



Block 5 Fernridge Office Park, 5 Hunter Avenue, Ferndale, Randburg.

P O Box 2083, Pinegowrie 2123, South Africa.

Tel: (011) 789-7170 Fax: (011) 787- 3059 [www.eims.co.za](http://www.eims.co.za)

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Dear Landowner

**Komsberg WEF**

**From:** liam whitlow <liamwhitlow@gmail.com>  
**Sent:** 31 August 2015 01:07 PM  
**To:** komsberg@eims.co.za  
**Subject:** Fwd: Delivery Status Notification (Failure)  
**Attachments:** 2023\_Komsberg WEFs Notification\_15-08-28\_Zizo.pdf

----- Forwarded message -----  
**From:** <postmaster@daff.gov.za>  
**Date:** Fri, Aug 28, 2015 at 5:28 PM  
**Subject:** Delivery Status Notification (Failure)  
**To:** liamwhitlow@gmail.com

This is an automatically generated Delivery Status Notification.

Delivery to the following recipients failed.

[AnnetteS@daff.gov.za](mailto:AnnetteS@daff.gov.za)

**Original-Recipient:** rfc822:AnnetteS@daff.gov.za  
**Final-Recipient:** rfc822:AnnetteS@daff.gov.za  
**Action:** failed  
**Status:** 5.2.2  
**X-Display-Name:** AnnetteS

----- Forwarded message -----  
**From:** liam whitlow <liam@eims.co.za>  
**To:**  
**Cc:** "'Nangamsa Siwendu'" <zizo@eims.co.za>, "Hughes, 'nobuhle'" <nobuhle@eims.co.za>  
**Date:** Fri, 28 Aug 2015 17:28:11 +0200  
**Subject:** Fwd: EIA FOR THE PROPOSED KOMSBERG WIND ENERGY FACILITIES/OMGEWINGSIMPAKSTUDIE VIR DIE VOORGESTELDE KOMSBERG WINDENERGIE FASILITEITE  
**Dear Interested and Affected Party,**

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If you have any queries or concerns, please do not hesitate to contact the undersigned.

Sincerely,  
**Nobuhle Hughes**  
Environmental Impact Management Services (Pty) Ltd  
Block 5 Fernridge Office Park, 5 Hunter Avenue, Ferndale, Randburg.

**Komsberg WEF**

**From:** liam whitlow <liamwhitlow@gmail.com>  
**Sent:** 31 August 2015 01:07 PM  
**To:** komsberg@eims.co.za  
**Subject:** Fwd: Delivery Status Notification (Failure)  
**Attachments:** 2023\_Komsberg WEFs Notification\_15-08-28\_Zizo.pdf

----- Forwarded message -----  
**From:** <postmaster@daff.gov.za>  
**Date:** Fri, Aug 28, 2015 at 5:28 PM  
**Subject:** Delivery Status Notification (Failure)  
**To:** liamwhitlow@gmail.com

This is an automatically generated Delivery Status Notification.

Delivery to the following recipients failed.

[SelbyB@daff.gov.za](mailto:SelbyB@daff.gov.za)

**Original-Recipient:** rfc822:SelbyB@daff.gov.za  
**Final-Recipient:** rfc822:SelbyB@daff.gov.za  
**Action:** failed  
**Status:** 5.1.1

----- Forwarded message -----  
**From:** liam whitlow <liam@eims.co.za>  
**To:**  
**Cc:** "'Nangamsa Siwendu'" <zizo@eims.co.za>, "Hughes, 'nobuhle'" <nobuhle@eims.co.za>  
**Date:** Fri, 28 Aug 2015 17:28:11 +0200  
**Subject:** Fwd: EIA FOR THE PROPOSED KOMSBERG WIND ENERGY FACILITIES/OMGEWINGSIMPAKSTUDIE VIR DIE VOORGESTELDE KOMSBERG WINDENERGIE FASILITEITE  
**Dear Interested and Affected Party,**

Please find attached notification (provided in English and Afrikaans) regarding an application for environmental authorisation and the availability of the Draft Scoping Report for the above mentioned project.

If you have any queries or concerns, please do not hesitate to contact the undersigned.

Sincerely,  
**Nobuhle Hughes**  
Environmental Impact Management Services (Pty) Ltd  
Block 5 Fernridge Office Park, 5 Hunter Avenue, Ferndale, Randburg.  
P O Box 2083, Pinegowrie 2123, South Africa.  
Tel: (011) 789-7170 Fax: (011) 787- 3059 Mobile: 083 393-2208 [www.eims.co.za](http://www.eims.co.za)





MIME-Version: 1.0  
X-Received: by 10.129.95.87 with SMTP id t84mt10449805ywb.29.1440775691773;  
Fri, 28 Aug 2015 08:28:11 -0700 (PDT)  
Sender: liamwhitlow@gmail.com  
Received: by 10.37.104.67 with HTTP; Fri, 28 Aug 2015 08:28:11 -0700 (PDT)  
In-Reply-To: <CAFG2a+fVLNw7ESgc=F1RaI+kCKV6QuST8peb0Iq=TjgReYlug@mail.gmail.com>  
References: <CAFG2a+fVLNw7ESgc=F1RaI+kCKV6QuST8peb0Iq=TjgReYlug@mail.gmail.com>  
Date: Fri, 28 Aug 2015 17:28:11 +0200  
X-Google-Sender-Auth: n-AZvsQDmUMkINbHvGZwZv-MwXk  
Message-ID: <CAFG2a+fRwK6b+QtbCbVEx+PO6qamGRzG=1mRPNkZOMhE18Q@mail.gmail.com>  
Subject: Fwd: EIA FOR THE PROPOSED KOMSBERG WIND ENERGY FACILITIES/OMGEWINGSIMPAKSTUDIE VIR DIE VOORGESTELDE KOMSBERG WINDENERGIE FASILITEITTE  
From: liam whitlow <liamwhitlow@gmail.com>  
To: "Nangunso Siwendu" <siwo@sim.co.za>, "Hughes", "nobuhle" <nobuhle@sim.co.za>  
Content-Type: multipart/mixed; boundary=001a147f85803aa051e60bbdc  
Doc: jmanston@ngwv.gov.za  
X-SYNAQ-Pinpoint-Information: Please contact Internet Solutions for more information  
X-SYNAQ-Pinpoint-ID: 1ZVLZg-0002uW-MC  
X-SYNAQ-Pinpoint: Found to be clean  
X-SYNAQ-Pinpoint-SpamCheck: not spam, SpamAssassin (not cached, score=0.835, required 5, BAYES\_00 -1.90, DCC\_REPUT\_00 12 -0.40, DKIM\_SIGNED 0.10, FREEMAIL\_FROM 0.00, HTML\_MESSAGE 0.00, MALFORMED\_FREEMAIL 1.98, MISSING\_HEADERS 1.02, RCVD\_IN\_HOSTKARMA\_YE 0.01, SPF\_PASS -0.00, T\_DKIM\_INVALID 0.01, T\_FREEMAIL\_DOC\_PDF 0.01)  
X-Pinpoint-From: liamwhitlow@gmail.com  
X-Spam-Flag: NO

--001a147f85803aa051e60bbdc  
Content-Type: multipart/alternative; boundary=001a147f85803aa051e60bbdc

--001a147f85803aa051e60bbdc  
Content-Type: text/plain; charset=UTF-8

Dear Interested and Affected Party,

Please find attached notification (provided in English and Afrikaans) regarding an application for environmental authorisation and the availability of the Draft Scoping Report for the above mentioned project.

If you have any queries or concerns, please do not hesitate to contact the undersigned.

Sincerely,

Nobuhle Hughes  
Environmental Impact Management Services (Pty) Ltd  
Block 5 Fernridge Office Park, 5 Hunter Avenue, Ferndale, Randburg.

P O Box 2083, Pinegowrie 2123, South Africa.  
Tel: (011) 789-7170 Fax: (011) 787-3059 Mobile: 083 393-2208  
www.emis.co.za

--001a147f85803aa051e60bbdc

2

**Komsberg WEF**

From: liam whitlow <liamwhitlow@gmail.com>  
Sent: 21 August 2015 01:13 PM  
To: komsberg@ems.co.za  
Subject: Fwd: NOTICE: mail delivery status  
Attachment: 2023\_Komsberg WEFs Notification\_15-08-28\_Zico.pdf

----- Forwarded message -----

From: <postmaster@isherriff.com>  
Date: Fri, Aug 28, 2015 at 5:28 PM  
Subject: NOTICE: mail delivery status  
To:

This is an automated delivery status notification from do01.cfl.isherriff.com running iSherriff version iSherriff5.7.98 Build(50706).

The original message was received on Fri, 28 Aug 2015 17:28:11 +0200

**UNDELIVERABLE MAIL**

From: liamwhitlow@gmail.com  
To: jhavin@sabra.org.za  
Subject: Fwd: EIA FOR THE PROPOSED KOMSBERG WIND ENERGY FACILITIES/OMGEWINGSIMPAKSTUDIE VIR DIE VOORGESTELDE KOMSBERG WINDENERGIE FASILITEITTE

The message was not delivered for the following reason:  
<jhavin@sabra.org.za>: Recipient address rejected: sabra.org.za

Original message follows

Final-Recipient: rfc822: jhavin@sabra.org.za  
Status: 5.7.0 (security policy prevents delivery)  
Action: failed

----- Forwarded message -----

From: liam whitlow <liamwhitlow@gmail.com>  
To: "Nangunso Siwendu" <siwo@sim.co.za>, "Hughes", "nobuhle" <nobuhle@sim.co.za>  
Date: Fri, 28 Aug 2015 17:28:11 +0200  
Subject: Fwd: EIA FOR THE PROPOSED KOMSBERG WIND ENERGY FACILITIES/OMGEWINGSIMPAKSTUDIE VIR DIE VOORGESTELDE KOMSBERG WINDENERGIE FASILITEITTE  
Dear Interested and Affected Party,

1


**Komsberg WEF**

From: liam whitlow <liamwhitlow@gmail.com>  
Sent: 21 August 2015 01:14 PM  
To: komsberg@ems.co.za  
Subject: Fwd: Automatic reply: EIA FOR THE PROPOSED KOMSBERG WIND ENERGY FACILITIES/OMGEWINGSIMPAKSTUDIE VIR DIE VOORGESTELDE KOMSBERG WINDENERGIE FASILITEITTE

----- Forwarded message -----

From: Ayanda Rejection <ayanda@reia.gov.za>  
Date: Fri, Aug 28, 2015 at 5:28 PM  
Subject: Automatic reply: EIA FOR THE PROPOSED KOMSBERG WIND ENERGY FACILITIES/OMGEWINGSIMPAKSTUDIE VIR DIE VOORGESTELDE KOMSBERG WINDENERGIE FASILITEITTE  
To: "liamwhitlow@gmail.com" <liamwhitlow@gmail.com>

**PLEASE BE AWARE THAT Ayanda Hollow's NEW EMAIL ADDRESS IS NOW**  
**helo@cs.gov.za AND Ayanda Mboleka's EMAIL ADDRESS IS ayanda@ecoc.gov.za**

  
Disclaimer: This email and files transmitted with it contain confidential and privileged information and is intended solely for the use of the individual or entity to which they are addressed. If you have received this email in error please: do not read, disseminate, distribute, copy or take action in reliance on this email and - delete it immediately and arrange for the deletion thereof on your server, and - notify the administrator of the Department of Communications (DOC) at postmaster@doc.gov.za immediately. Any unauthorized use, duplication or interception of this email or any files transmitted with it is expressly and strictly prohibited. No representation, guarantee or undertaking (expressed or implied) is made or given as to the confidentiality or security of the email system or to the accuracy of the information in this email and any files transmitted with it or any delay in its receipt or arising from or as a result of the use of or reliance on the content of this email or any files transmitted with it. Any views expressed in this email or any files transmitted with it are not necessarily the views of the DOC. Queries regarding this email or any files transmitted with it should be directed to postmaster@doc.gov.za. This disclaimer forms part of the content of this e-mail for purposes of section 11 of the Electronic Communications and Transactions Act, 2002 (Act No. 25 of 2002).

Disclaimer: This email and files transmitted with it contain confidential and privileged information and is intended solely for the use of the individual or entity to which they are addressed. If you have received this email in error please: do not read, disseminate, distribute, copy or take action in reliance on this email and - delete it immediately and arrange for the deletion thereof on your server, and - notify the administrator of the Government Communication and Information System (GCIS) at postmaster@gcis.gov.za immediately. Any unauthorized use, duplication or interception of this e-mail or any files transmitted with it is expressly and strictly prohibited. No representation, guarantee or undertaking (expressed or implied) is made or given as to the confidentiality or security of this email system or to the accuracy of the information in this email and any files transmitted with it or any delay in its receipt or arising from or as a result of the use of or reliance on the content of this email or any files transmitted with it. Any views expressed in this email or any files transmitted with it are not necessarily the views of the GCIS. Queries regarding this email or any files transmitted with it should be directed to postmaster@gcis.gov.za. This disclaimer forms part of the content of this e-mail for purposes of section 11 of the Electronic Communications and Transactions Act, 2002 (Act No. 25 of 2002).

1

**Komsberg WEF**

From: liam whitlow <liamwhitlow@gmail.com>  
Sent: 21 August 2015 01:14 PM  
To: komsberg@ems.co.za  
Subject: Fwd: Delivery Status Notification (Failure)

----- Forwarded message -----

From: Mail Delivery Subsystem <mailer-daemon@postoffice.com>  
Date: Fri, Aug 28, 2015 at 5:28 PM  
Subject: Delivery Status Notification (Failure)  
To: liamwhitlow@gmail.com

Delivery to the following recipient failed permanently:

[Rushikinyal@senetch.co.za](mailto:Rushikinyal@senetch.co.za)

Technical details of permanent failure:  
Google tried to deliver your message, but it was rejected by the server for the recipient domain senetch.co.za by za-sinj@-inbound-2.mimecast.co.za. [1.74.197.201].

The error that the other server returned was:  
550 Invalid Recipient -  
[http://kb.mimecast.com/Mimecast\\_Knowledge\\_Base/Administration\\_Console/Monitoring/Mimecast\\_SMT\\_P\\_Error\\_Codes#550](http://kb.mimecast.com/Mimecast_Knowledge_Base/Administration_Console/Monitoring/Mimecast_SMT_P_Error_Codes#550)

----- Original message -----

DKIM-Signature: v=1; a=rsa-sha256; c=relaxed/relaxed;  
d=gmail.com; s=20120113;  
h=mime-version;sender=in-reply-to:references:date:message-id:subject  
:from:cc:content-type;  
bh=FmvEhWBgZBtAlkZgVBYwxcF2XhD695XzY8j0Duaq0k=  
b=3i9KjdBf7yptUtaX0BLAyn9YDwzFwYzEv6zHsKXnYrYsYknnE0eYoKdow5  
8LAjRnWjTnVqtp0Ujg69877DhdlddAKcoVChzjeMkntP08NfxCW7RRjBTiHnom  
cumuzn/+dnde9MpfvCSMAVdZviMkRgKmxZ2nT6Gk3nQ2ueHrJBXjugaif6j0qdZT4/  
4S0PTI+adAwmlHaHj5ia24y5+RnEhUAp+2579BdDwsHSZ4QV7vM777XP8yW3ukaMdi  
67hoET4EThdbPCZ/jlI33glHz4b9C20XVHMqW9pBgu0AydDZev9iaM7V8FkZxRrh  
q7yQ=

MIME-Version: 1.0  
X-Received: by 10.129.95.87 with SMTP id t84mt1044977ywb.29.1440775691773;  
Fri, 28 Aug 2015 08:28:11 -0700 (PDT)  
Sender: liamwhitlow@gmail.com  
Received: by 10.37.104.67 with HTTP; Fri, 28 Aug 2015 08:28:11 -0700 (PDT)  
In-Reply-To: <CAFG2a+fVLNw7ESgc=F1RaI+kCKV6QuST8peb0Iq=TjgReYlug@mail.gmail.com>  
References: <CAFG2a+fVLNw7ESgc=F1RaI+kCKV6QuST8peb0Iq=TjgReYlug@mail.gmail.com>  
Date: Fri, 28 Aug 2015 17:28:11 +0200  
X-Google-Sender-Auth: n-AZvsQDmUMkINbHvGZwZv-MwXk  
Message-ID: <CAFG2a+fRwK6b+QtbCbVEx+PO6qamGRzG=1mRPNkZOMhE18Q@mail.gmail.com>  
Subject: Fwd: EIA FOR THE PROPOSED KOMSBERG WIND ENERGY

1

FACILITIES/OMGBWINGSIMPAKSTUDIE  
VIR DIE VOORGESTELDE KOMSBERG WINDENERGIE FASILITEIT

From: liam whitlow <liam@eims.co.za>  
Cc: "Nangamso Siwendu" <siw@eims.co.za>; "hughes", "nobuhle" <nobuhle@eims.co.za>  
Content-Type: multipart/mixed; boundary=001a11478585a4510051e60bb29  
Bcc: [sherwoodc@esa.co.za](mailto:sherwoodc@esa.co.za)

Dear Interested and Affected Party,

Please find attached notification (provided in English and Afrikaans) regarding an application for environmental authorisation and the availability of the Draft Scoping Report for the above mentioned project.

If you have any queries or concerns, please do not hesitate to contact the undersigned.

Sincerely,

Nobuhle Hughes  
Environmental Impact Management Services (Pty) Ltd  
Block 5 Fernridge Office Park, 5 Hunter Avenue, Ferndale, Randburg.

P O Box 2083, Pinegowrie 2123, South Africa.  
Tel: (011) 789-7170 Fax: (011) 787-3059 Mobile: 083 393-2208  
[www.eims.co.za](http://www.eims.co.za)

Komsberg WEF

From: liam whitlow <liamwhitlow@gmail.com>  
Sent: 31 August 2015 01:14 PM  
To: komsberg@eims.co.za  
Subject: Fwd: Delivery Status Notification (Failure)

----- Forwarded message -----

From: Mail Delivery Subsystem <mailer-daemon@goodmail.com>  
Date: Fri, Aug 28, 2015 at 5:28 PM  
Subject: Delivery Status Notification (Failure)  
To: [liamwhitlow@gmail.com](mailto:liamwhitlow@gmail.com)

Delivery to the following recipient failed permanently:

[sherwoodc@esa.co.za](mailto:sherwoodc@esa.co.za)

Technical details of permanent failure:  
Google tried to deliver your message, but it was rejected by the server for the recipient domain [esa.co.za](mailto:esa.co.za) by [zcs-smtp-inbound-2.mimecast.co.za](mailto:zcs-smtp-inbound-2.mimecast.co.za) [41.74.193.201].

The error that the other server returned was:  
550 Invalid Recipient -  
[http://kb.mimecast.com/Mimecast\\_Knowledge\\_Base/Administration\\_Console/Monitoring/Mimecast\\_SMT\\_P\\_Error\\_Codes#550](http://kb.mimecast.com/Mimecast_Knowledge_Base/Administration_Console/Monitoring/Mimecast_SMT_P_Error_Codes#550)

----- Original message -----

DKIM-Signature: v=1; a=rsa-sha256; c=relaxed/relaxed;  
d=gmail.com; s=20120113;  
h=mime-version:sender:in-reply-to:references:date:message-id:subject  
:from:cc:content-type;  
bh=nlz4vrKfZ6S0kA5UHOCS9N2zumB6xScu7w9e1lqk=;  
b=dVVP+v1RB3WB7lDAiq+sQuBxO45J78QO1DbHoB2XZWAajM1wZAjP/vofbPda762U  
SR3IU1TZkBYgTqC2M0m9dA48Ow178OV81jS9ia8G39uQLsC6d6/XFpalphKoz2TxGB  
fKGfAR0ZD3Xsf7ZUnnLTZ0Z/akFTzcoMa86sdlxR4noRP6wYp0+064lvmtuTF6iwwks  
lZWfj9aMiq0IYZCVh0luUR3smVT7YLAgrAss73DCaQlusVs3TTh3QxRE5Wa4SIF2ka  
+CGHrvDHoatw6Dd4yggvrxSH8fDh0AD13XdszqfQaoY7zAXpb02ubu2DVqRPu  
ouiw==  
MIME-Version: 1.0  
X-Received: by 10.129.95.87 with SMTP id t84mt10449822ywb.29.1440775691773;  
Fri, 28 Aug 2015 08:28:11 -0700 (PDT)  
Sender: [liamwhitlow@gmail.com](mailto:liamwhitlow@gmail.com)  
Received: by 10.37.104.67 with HTTP; Fri, 28 Aug 2015 08:28:11 -0700 (PDT)  
In-Reply-To: <CAFG2a+fvLlnw7ESgc=F1Rai+kCKV6QuST8peb0iq=TjRReYluq@mail.gmail.com>  
References: <CAFG2a+fvLlnw7ESgc=F1Rai+kCKV6QuST8peb0iq=TjRReYluq@mail.gmail.com>  
Date: Fri, 28 Aug 2015 17:28:11 +0200  
X-Google-Sender-Auth: n-AZvsQDmUMkInbHvGZwZv-Mwxk  
Message-ID: <CAFG2a+fvLlnw7ESgc=F1Rai+kCKV6QuST8peb0iq=TjRReYluq@mail.gmail.com>  
Subject: Fwd: EIA FOR THE PROPOSED KOMSBERG WIND ENERGY

FACILITIES/OMGEWINGSIMPAKSTUDIE  
VIR DIE VOORGESTELDE KOMSBERG WINDENERGIE FASILITEIT

From: liam whitlow <liam@eims.co.za>  
Cc: "Nangamso Siwendu" <siw@eims.co.za>; "hughes", "nobuhle" <nobuhle@eims.co.za>  
Content-Type: multipart/mixed; boundary=001a11478585821a3051e60bb6f  
Bcc: [sherwoodc@esa.co.za](mailto:sherwoodc@esa.co.za)

Dear Interested and Affected Party,

Please find attached notification (provided in English and Afrikaans) regarding an application for environmental authorisation and the availability of the Draft Scoping Report for the above mentioned project.

If you have any queries or concerns, please do not hesitate to contact the undersigned.

Sincerely,

Nobuhle Hughes  
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Block 5 Fernridge Office Park, 5 Hunter Avenue, Ferndale, Randburg.

P O Box 2083, Pinegowrie 2123, South Africa.  
Tel: (011) 789-7170 Fax: (011) 787-3059 Mobile: 083 393-2208  
[www.eims.co.za](http://www.eims.co.za)

Komsberg WEF

From: liam whitlow <liamwhitlow@gmail.com>  
Sent: 31 August 2015 01:14 PM  
To: komsberg@eims.co.za  
Subject: Fwd: Delivery Status Notification (Failure)

----- Forwarded message -----

From: Mail Delivery Subsystem <mailer-daemon@goodmail.com>  
Date: Fri, Aug 28, 2015 at 5:28 PM  
Subject: Delivery Status Notification (Failure)  
To: [liamwhitlow@gmail.com](mailto:liamwhitlow@gmail.com)

Delivery to the following recipient failed permanently:

[melodiem@samparks.org](mailto:melodiem@samparks.org)

Technical details of permanent failure:  
Google tried to deliver your message, but it was rejected by the server for the recipient domain [samparks.org](mailto:samparks.org) by [zcs-smtp-inbound-2.mimecast.co.za](mailto:zcs-smtp-inbound-2.mimecast.co.za) [41.74.193.201].

The error that the other server returned was:  
550 Invalid Recipient -  
[http://kb.mimecast.com/Mimecast\\_Knowledge\\_Base/Administration\\_Console/Monitoring/Mimecast\\_SMT\\_P\\_Error\\_Codes#550](http://kb.mimecast.com/Mimecast_Knowledge_Base/Administration_Console/Monitoring/Mimecast_SMT_P_Error_Codes#550)

----- Original message -----

DKIM-Signature: v=1; a=rsa-sha256; c=relaxed/relaxed;  
d=gmail.com; s=20120113;  
h=mime-version:sender:in-reply-to:references:date:message-id:subject  
:from:cc:content-type;  
bh=aOjaLWg2fhxpe/ceggSyXHIgojoZTfTfLxeVlxrgVY=;  
b=wG0JULvrlLpLVPGrFA4kuzG88q0+7KP396T1dod9yEnwvSPHs03FMSHyDvs6L  
Xi8UfCxm0vBaKcoXON092ZQgg7HGVSSEFWU491hc2/ObxUyZlZrteWzVh0Ulvf  
0vqBsZm+3yvY2S9WASZQUT1XbKLMvLAug/DXQ0wKRZH/ESHkdhSsBN3vskN7s6Rz7  
Bnb0uq2GbpVEI7XuxdGqjTaHOUKJhLVqY6kf5BeQLt+Nn0McaFBWGswoyBNDRDyGGRAN  
uATqOY/4FSRBIChnRku8pPUBXZzkWv2iYaV49G8o7rvM70yXcVvMwJt7VvYyLpDhEu  
9YXA==  
MIME-Version: 1.0  
X-Received: by 10.129.95.87 with SMTP id t84mt10449787ywb.29.1440775691773;  
Fri, 28 Aug 2015 08:28:11 -0700 (PDT)  
Sender: [liamwhitlow@gmail.com](mailto:liamwhitlow@gmail.com)  
Received: by 10.37.104.67 with HTTP; Fri, 28 Aug 2015 08:28:11 -0700 (PDT)  
In-Reply-To: <CAFG2a+fvLlnw7ESgc=F1Rai+kCKV6QuST8peb0iq=TjRReYluq@mail.gmail.com>  
References: <CAFG2a+fvLlnw7ESgc=F1Rai+kCKV6QuST8peb0iq=TjRReYluq@mail.gmail.com>  
Date: Fri, 28 Aug 2015 17:28:11 +0200  
X-Google-Sender-Auth: n-AZvsQDmUMkInbHvGZwZv-Mwxk  
Message-ID: <CAFG2a+fvLlnw7ESgc=F1Rai+kCKV6QuST8peb0iq=TjRReYluq@mail.gmail.com>  
Subject: Fwd: EIA FOR THE PROPOSED KOMSBERG WIND ENERGY



FACILITIES/OMGEWINGSIMPAKSTUDIE  
VIR DIE VOORGESTELDE KOMSBERG WINDENERGIE FASILITEITE

From: Iam Whitlow <iamwhitlow@gmail.com>  
Cc: "Nangamso Siwendu" <siw@eims.co.za>, "Hughes, Nobuhle" <nobuhle@eims.co.za>  
Content-Type: multipart/mixed; boundary=001a1147f858502459051e60bb50  
Bcc: melodie.mcgeoch@sanparks.org

Dear Interested and Affected Party,

Please find attached notification (provided in English and Afrikaans) regarding an application for environmental authorisation and the availability of the Draft Scoping Report for the above mentioned project.

If you have any queries or concerns, please do not hesitate to contact the undersigned.

Sincerely,

Nobuhle Hughes  
Environmental Impact Management Services (Pty) Ltd  
Block 5 Fernridge Office Park, 5 Hunter Avenue, Fernridals, Randburg.

P O Box 2083, Pinetown 2123, South Africa.  
Tel: (011) 789-7170 Fax: (011) 787- 3059 Mobile: 083 393-2208  
www.eims.co.za

Komsberg WEF

From: Iam Whitlow <iamwhitlow@gmail.com>  
Sent: 31 August 2015 01:15 PM  
To: komsberg@eims.co.za  
Subject: Fwd: Delivery Status Notification (Failure)

----- Forwarded message -----

From: Mail Delivery Subsystem <mailer-daemon@googlemail.com>  
Date: Fri, Aug 28, 2015 at 5:28 PM  
Subject: Delivery Status Notification (Failure)  
To: iamwhitlow@gmail.com

Delivery to the following recipient failed permanently:

melodie.mcgeoch@sanparks.org

Technical details of permanent failure:  
Google tried to deliver your message, but it was rejected by the server for the recipient domain sanparks.org by za-smtp-lb000f-lmimcast.co.za. [41.74.197.201].

The error that the other server returned was:  
550 Invalid Recipient -  
http://kb.mimcast.com/Mimcast\_Knowledge\_Base/Administration\_Console/Monitoring/Mimcast\_SMT\_P\_Error\_Codes#550

----- Original message -----

DKIM-Signature: v=1; a=rsa-sha256; c=relaxed/relaxed;  
d=gmail.com; s=20120113;  
h=mime-version:sender:in-reply-to:references:date:message-id:subject  
:from:cc:content-type;  
bh=K15bmGN7ZoolN3kYwXrB4JT47HbW0cKSeuVVVYfQ=;  
b=VcsOngeSDU4iqbCY3FjnOplFBPZJTYeGu2BgDkFZo7ISvTavn9hlpixsVHdkvR  
5/qR11oufD0VVLn9pINSOQ7ROHYPPWCi4bhtg3d4qHDZ764CrZDacFKhuu4LagL65  
5vjhBJx+RUS3TYhfkUOHQPikKru9sQAARfTYt860NehZF3K4n376zuZ7sdun7Vsp  
LDEKPVTeoWWqv6KRjkC4S09zZa6t++HRxw3Hsa26JbaAPR4e0CKaioCMFoxywffDH  
y6SG4FYZjelSrvuCjkitVajLlp01W76T8BE0S/llkcmkXY6s9ddc8q1UqAmr9MbrMg  
MEUw==

MIME-Version: 1.0  
X-Received: by 10.129.95.87 with SMTP id t84mt10449794ywb.29.1440775691773;  
Fri, 28 Aug 2015 08:28:11 -0700 (PDT)  
Sender: iamwhitlow@gmail.com  
Received: by 10.37.104.67 with HTTP; Fri, 28 Aug 2015 08:28:11 -0700 (PDT)  
In-Reply-To: <CAFg2a+IVLlNw7ESgo=F1Rai+kCKV6QuST8pb0iq=TjRcYluc@mail.gmail.com>  
References: <CAFg2a+IVLlNw7ESgo=F1Rai+kCKV6QuST8pb0iq=TjRcYluc@mail.gmail.com>  
Date: Fri, 28 Aug 2015 17:28:11 +0200  
X-Google-Sender-Auth: n-AzvsQDmUMkInbHvGZwZy-Mwax  
Message-ID: <CAFg2a+IVLlNw7ESgo=F1Rai+kCKV6QuST8pb0iq=TjRcYluc@mail.gmail.com>  
Subject: Fwd: EIA FOR THE PROPOSED KOMSBERG WIND ENERGY

2

FACILITIES/OMGEWINGSIMPAKSTUDIE  
VIR DIE VOORGESTELDE KOMSBERG WINDENERGIE FASILITEITE

From: Iam Whitlow <iamwhitlow@gmail.com>  
Cc: "Nangamso Siwendu" <siw@eims.co.za>, "Hughes, Nobuhle" <nobuhle@eims.co.za>  
Content-Type: multipart/mixed; boundary=001a1147f858502459051e60bb58  
Bcc: melodie.mcgeoch@sanparks.org

Dear Interested and Affected Party,

Please find attached notification (provided in English and Afrikaans) regarding an application for environmental authorisation and the availability of the Draft Scoping Report for the above mentioned project.

If you have any queries or concerns, please do not hesitate to contact the undersigned.

Sincerely,

Nobuhle Hughes  
Environmental Impact Management Services (Pty) Ltd  
Block 5 Fernridge Office Park, 5 Hunter Avenue, Fernridals, Randburg.

P O Box 2083, Pinetown 2123, South Africa.  
Tel: (011) 789-7170 Fax: (011) 787- 3059 Mobile: 083 393-2208  
www.eims.co.za

Komsberg WEF

From: Iam Whitlow <iamwhitlow@gmail.com>  
Sent: 31 August 2015 01:14 PM  
To: komsberg@eims.co.za  
Subject: Fwd: Delivery Status Notification (Failure)

----- Forwarded message -----

From: Mail Delivery Subsystem <mailer-daemon@googlemail.com>  
Date: Fri, Aug 28, 2015 at 5:28 PM  
Subject: Delivery Status Notification (Failure)  
To: iamwhitlow@gmail.com

Delivery to the following recipient failed permanently:

Heach@shisas.co.za

Technical details of permanent failure:  
Google tried to deliver your message, but it was rejected by the server for the recipient domain shisas.co.za by shsinfls.dn1apn.co.za. [196.41.30.122].

The error that the other server returned was:  
550 #5.1.0 Address rejected.

----- Original message -----

DKIM-Signature: v=1; a=rsa-sha256; c=relaxed/relaxed;  
d=gmail.com; s=20120113;  
i=mime-version:sender:in-reply-to:references:date:message-id:subject  
:from:cc:content-type;  
bh=0R7XAJbz5T4hyfFYn3UXq+D1V8F+0x8QpHT++nU=;  
b=ICFrYjIKuzo1HEDToqWaqv7VqvQ5eDxbSen9p0pRjHdsYaW71ogyeETipK1.  
/ReFOaUmKFPJGMDrH3W1Iq79rj3S5kRPFn8CwK0kdyNH71MRgMcoet1UN1Vgholdpu  
T3kZyWUbagfMhrk6SDuv0VwqPP4A15khMrlV49aH7uh2h1Mdr3JYLeGeWtQ6uOC/Q  
MPfhECycSHS2GQuqIHUwqUzqHrD2qkZL3XXUJ164xpfr+jiqKzasi0N2zfpKvliROKW  
P3RQPHYTTYGIT9km7V/188t073ajQH85OuX0i9BFCkAkFwAmbzWtCwPQRJ0/Aw1  
V0lg==

MIME-Version: 1.0  
X-Received: by 10.129.95.87 with SMTP id t84mt10449719ywb.29.1440775691773;  
Fri, 28 Aug 2015 08:28:11 -0700 (PDT)  
Sender: iamwhitlow@gmail.com  
Received: by 10.37.104.67 with HTTP; Fri, 28 Aug 2015 08:28:11 -0700 (PDT)  
In-Reply-To: <CAFg2a+IVLlNw7ESgo=F1Rai+kCKV6QuST8pb0iq=TjRcYluc@mail.gmail.com>  
References: <CAFg2a+IVLlNw7ESgo=F1Rai+kCKV6QuST8pb0iq=TjRcYluc@mail.gmail.com>  
Date: Fri, 28 Aug 2015 17:28:11 +0200  
X-Google-Sender-Auth: n-AzvsQDmUMkInbHvGZwZy-Mwax  
Message-ID: <CAFg2a+IVLlNw7ESgo=F1Rai+kCKV6QuST8pb0iq=TjRcYluc@mail.gmail.com>  
Subject: Fwd: EIA FOR THE PROPOSED KOMSBERG WIND ENERGY  
FACILITIES/OMGEWINGSIMPAKSTUDIE  
VIR DIE VOORGESTELDE KOMSBERG WINDENERGIE FASILITEITE

2

1

From: Iam whitlow <liam@elms.co.za>  
Cc: "Nangamso Siwendu" <ziwo@elms.co.za>, "hughes", "nobuhle" <nobuhle@elms.co.za>  
Content-Type: multipart/mixed; boundary="001a1147f85858018a031e60bb59"  
Bcc: liamwhitlow@gmail.com

Dear Interested and Affected Party,

Please find attached notification (provided in English and Afrikaans) regarding an application for environmental authorisation and the availability of the Draft Scoping Report for the above mentioned project.

If you have any queries or concerns, please do not hesitate to contact the undersigned.

Sincerely,

Nobuhle Hughes  
Environmental Impact Management Services (Pty) Ltd  
Block 5 Fernridge Office Park, 5 Hunter Avenue, Ferndale, Randburg.

P O Box 2083, Pinegowrie 2123, South Africa.  
Tel: (011) 789-7170 Fax: (011) 787- 3059 Mobile: 083 393-2208  
[www.elms.co.za](http://www.elms.co.za)

#### Komsberg WEF

From: Iam whitlow <liamwhitlow@gmail.com>  
Sent: 31 August 2015 01:15 PM  
To: komsberg@elms.co.za  
Subject: Fwd: Delivery Status Notification (Failure)

----- Forwarded message -----

From: Mail Delivery Subsystem <mail-delivery@globalmail.com>  
Date: Fri, Aug 28, 2015 at 5:28 PM  
Subject: Delivery Status Notification (Failure)  
To: liamwhitlow@gmail.com

Delivery to the following recipient failed permanently:

[Barwell@capaction.org.za](mailto:Barwell@capaction.org.za)

Technical details of permanent failure:  
Google tried to deliver your message, but it was rejected by the server for the recipient domain [capaction.org.za](mailto:capaction.org.za) by [mail.linc.co.za](mailto:mail.linc.co.za). [196.31.215.9].

The error that the other server returned was:  
550 #5.1.0 Address rejected.

----- Original message -----

DKIM-Signature: v=1; a=rsa-sha256; c=relaxed/relaxed;  
d=gmail.com; s=20120113;  
h=mime-version:sender:in-reply-to:references:date:message-id:subject  
:from:cc:content-type;  
bh=B9hu87hQOKeqZUyjrRWK08llk6MVQpwCAGyj+JrA=  
b=QDJ3saFh1z10e9NEHtkcPBFxq16GlpP0BIRcuw8aTSMU0GyxO75KT6BBQJHx4T  
g+Gepz7ZJ8HW090LcP+KqW8tNPA3VMz9vY71OhEP3WmPrEU3EbjDwK3XPtRQy5  
9WzWzANaGBvMuVPXaLgXhP48nvp-UFTbPrRQ6ZzoPwJoZRofBisYQpR72dwe5z4Efk  
q6AIPxguN/hvF6rgqUW/hkWA+DHV9aWCZ2L1nfYc7ykvLLSrzu7evTmmdpk2CEVtE7  
uZ8usDHSNPZu4FVjeSSZjtoImyFH67NhVQ23nqU8Ry4gKp3ZJsOgaB+bU9XPgYPLS  
mGBW=  
MIME-Version: 1.0  
X-Received: by 10.129.95.87 with SMTP id t84mt10449800ywb.29.1440775691773;  
Fri, 28 Aug 2015 08:28:11 -0700 (PDT)  
Sender: [liamwhitlow@gmail.com](mailto:liamwhitlow@gmail.com)  
Received: by 10.37.104.67 with HTTP; Fri, 28 Aug 2015 08:28:11 -0700 (PDT)  
In-Reply-To: <CAFg2a+fVLTNw7ESge=FIRai+kCKV6QuST8peb0iq=TjgReYLu@mail.gmail.com>  
References: <CAFg2a+fVLTNw7ESge=FIRai+kCKV6QuST8peb0iq=TjgReYLu@mail.gmail.com>  
Date: Fri, 28 Aug 2015 17:28:11 +0200  
X-Google-Sender-Auth: n-AZvsQdmUMkiN6HvGZwZv-Mwxx  
Message-ID: <CAFg2a+fVLTNw7ESge=FIRai+kCKV6QuST8peb0iq=TjgReYLu@mail.gmail.com>  
Subject: Fwd: EIA FOR THE PROPOSED KOMSBERG WIND ENERGY  
FACILITIES/OMGEWINGSIMPAKSTUDIE  
VIR DIE VOORGESTELDE KOMSBERG WINDENERGIE FASILITEITE

2

From: Iam whitlow <liam@elms.co.za>  
Cc: "Nangamso Siwendu" <ziwo@elms.co.za>, "hughes", "nobuhle" <nobuhle@elms.co.za>  
Content-Type: multipart/mixed; boundary="001a1147f85858018a031e60bb59"  
Bcc: [Barwell@capaction.org.za](mailto:Barwell@capaction.org.za)

Dear Interested and Affected Party,

Please find attached notification (provided in English and Afrikaans) regarding an application for environmental authorisation and the availability of the Draft Scoping Report for the above mentioned project.

If you have any queries or concerns, please do not hesitate to contact the undersigned.

Sincerely,

Nobuhle Hughes  
Environmental Impact Management Services (Pty) Ltd  
Block 5 Fernridge Office Park, 5 Hunter Avenue, Ferndale, Randburg.

P O Box 2083, Pinegowrie 2123, South Africa.  
Tel: (011) 789-7170 Fax: (011) 787- 3059 Mobile: 083 393-2208  
[www.elms.co.za](http://www.elms.co.za)

#### Komsberg WEF

From: Iam whitlow <liamwhitlow@gmail.com>  
Sent: 31 August 2015 01:15 PM  
To: komsberg@elms.co.za  
Subject: Fwd: Delivery Status Notification (Failure)

----- Forwarded message -----

From: Mail Delivery Subsystem <mail-delivery@globalmail.com>  
Date: Fri, Aug 28, 2015 at 5:28 PM  
Subject: Delivery Status Notification (Failure)  
To: [liamwhitlow@gmail.com](mailto:liamwhitlow@gmail.com)

Delivery to the following recipient failed permanently:

[deidre.herbst@eskom.co.za](mailto:deidre.herbst@eskom.co.za)

Technical details of permanent failure:  
Google tried to deliver your message, but it was rejected by the server for the recipient domain [eskom.co.za](mailto:eskom.co.za) by [cluster1.su.messages.labs.com](mailto:cluster1.su.messages.labs.com). [196.14.170.99].

The error that the other server returned was:  
550 Invalid recipient <[deidre.herbst@eskom.co.za](mailto:deidre.herbst@eskom.co.za)> (#5.1.1)

----- Original message -----

DKIM-Signature: v=1; a=rsa-sha256; c=relaxed/relaxed;  
d=gmail.com; s=20120113;  
h=mime-version:sender:in-reply-to:references:date:message-id:subject  
:from:cc:content-type;  
bh=ppvP+JYrEDPoHbu4VDJ2V/k5vdnyP/QvOFgnF4=  
b=qyajvzaymqx084GeBb1sVQHLNgaWCH7gW1XU6WPeuHlPfsxoshziszjyIPME9  
N52wBmsZISKY/RggGMf7bMtgPvgPmyqetC2UT17wJ5x6D3oE4FQwzAuZ2un+W3PJa  
AGFZxqZMLVYH1uPmL+YW4BR7QP2XekIM31TTYjN/el5jRx2BdhrMJMFRKCh9yOuL  
6pyFh9c98FPXXI9wAXxyhGxMWSz04V CohR4xYS44sPh8mfw2vDTbOLu+ANmOPPikH  
YSPZ7RMQG4JboBZdbN6oz3GoZIPHaeZyoRfVRfElcNwhjTirJtUdW1UHtdjMTJdeAYM  
PM0A=  
MIME-Version: 1.0  
X-Received: by 10.129.95.87 with SMTP id t84mt10449837ywb.29.1440775691773;  
Fri, 28 Aug 2015 08:28:11 -0700 (PDT)  
Sender: [liamwhitlow@gmail.com](mailto:liamwhitlow@gmail.com)  
Received: by 10.37.104.67 with HTTP; Fri, 28 Aug 2015 08:28:11 -0700 (PDT)  
In-Reply-To: <CAFg2a+fVLTNw7ESge=FIRai+kCKV6QuST8peb0iq=TjgReYLu@mail.gmail.com>  
References: <CAFg2a+fVLTNw7ESge=FIRai+kCKV6QuST8peb0iq=TjgReYLu@mail.gmail.com>  
Date: Fri, 28 Aug 2015 17:28:11 +0200  
X-Google-Sender-Auth: n-AZvsQdmUMkiN6HvGZwZv-Mwxx  
Message-ID: <CAFg2a+fVLTNw7ESge=FIRai+kCKV6QuST8peb0iq=TjgReYLu@mail.gmail.com>  
Subject: Fwd: EIA FOR THE PROPOSED KOMSBERG WIND ENERGY  
FACILITIES/OMGEWINGSIMPAKSTUDIE  
VIR DIE VOORGESTELDE KOMSBERG WINDENERGIE FASILITEITE

2

1

From: liam whitlow <liam@elms.co.za>  
Cc: "Nangamso Siwendu" <siwendu@elms.co.za>, "hughes", "nobuhle" <nobuhle@elms.co.za>  
Content-Type: multipart/mixed; boundary=001a147f8585049de051e60bbe5  
Bcc: [nobuhle@elms.co.za](mailto:nobuhle@elms.co.za)

Dear Interested and Affected Party,

Please find attached notification (provided in English and Afrikaans) regarding an application for environmental authorisation and the availability of the Draft Scoping Report for the above mentioned project.

If you have any queries or concerns, please do not hesitate to contact the undersigned.

Sincerely,

Nobuhle Hughes  
Environmental Impact Management Services (Pty) Ltd  
Block 5 Fernridge Office Park, 5 Hunter Avenue, Ferndale, Randburg.

P O Box 2083, Pinegowrie 2123, South Africa.  
Tel: (011) 789-7170 Fax: (011) 787- 3059 Mobile: 083 393-2208  
[www.elms.co.za](http://www.elms.co.za)

**Komsberg WEF**

From: liam whitlow <liamwhitlow@gmail.com>  
Sent: 31 August 2015 01:15 PM  
To: komsberg@elms.co.za  
Subject: Fwd: Delivery Status Notification (Failure)

----- Forwarded message -----

From: Mail Delivery Subsystem <mailer-daemon@qmail.gmail.com>  
Date: Fri, Aug 28, 2015 at 5:28 PM  
Subject: Delivery Status Notification (Failure)  
To: [liamwhitlow@gmail.com](mailto:liamwhitlow@gmail.com)

Delivery to the following recipient failed permanently:

[nobuhle@elms.co.za](mailto:nobuhle@elms.co.za)

Technical details of permanent failure:  
Google tried to deliver your message, but it was rejected by the server for the recipient domain [telkomsa.net](mailto:telkomsa.net) by [mail.telkomsa.net](mailto:mail.telkomsa.net). [196.25.211.70].

The error that the other server returned was:  
550 #5.1.0 Address rejected.

----- Original message -----

DKIM-Signature: v=1; a=rsa-sha256; c=relaxed/relaxed;  
d=gmail.com; s=20120113;  
h=mime-version:sender:in-reply-to:references:date:message-id:subject  
:from:cc:content-type;  
bh=YxGgl+mg0ldouPdJQDb6xKc23Z17VwvWECuDrC0f00=;  
b=S+vO6JY+wJkV2cSb4yCJkcs8/TwWvEVHV2vNzEhKk5SeFlapd7Loxhw4CMvAFKvE  
KdKmkYz+0cq0zMdOy9eNxp8M9Fdm05+hBsk5i+waNlu0lQxatA06ir3+RMOqBvF  
D3ZyWe9yckz/Ni40AY/EK0sq1W4yGiW1LyCl+wjUG7PqTzujfmOuchECVexZwsgb9  
JeVLo8+od9jW7och+cvR6ysiq2MVs0rHfW09JVeSj5kV/DZrR0QJOGmP38G7sZi  
nemGhnyuooQPfoLoYm9csXUZ83U/7MKEAwaV3ns1RpDFaum5fIK3mB6CNaU3j7g+2O  
2DCA=  
MIME-Version: 1.0  
X-Received: by 10.129.95.87 with SMTP id t84mt10449769ywb.29.1440775691773;  
Fri, 28 Aug 2015 08:28:11 -0700 (PDT)  
Sender: [liamwhitlow@gmail.com](mailto:liamwhitlow@gmail.com)  
Received: by 10.37.104.67 with HTTP; Fri, 28 Aug 2015 08:28:11 -0700 (PDT)  
In-Reply-To: <CAFg2a+fVLNw7ESgc=FIRai+kCKV6QuST8peb0iq=TjqReYlug@mail.gmail.com>  
References: <CAFg2a+fVLNw7ESgc=FIRai+kCKV6QuST8peb0iq=TjqReYlug@mail.gmail.com>  
Date: Fri, 28 Aug 2015 17:28:11 +0200  
X-Google-Header-Auth: n-AZvsQDmUMkInbHvGZwZv-Mwxx  
Message-ID: <CAFg2a+fVLNw7ESgc=FIRai+kCKV6QuST8peb0iq=TjqReYlug@mail.gmail.com>  
Subject: Fwd: EIA FOR THE PROPOSED KOMSBERG WIND ENERGY  
FACILITIES/OMGBWINGSIMPAKSTUDIE  
VIR DIE VOORGESTELDE KOMSBERG WINDENERGIE FASILITEIT

From: liam whitlow <liam@elms.co.za>  
Cc: "Nangamso Siwendu" <siwendu@elms.co.za>, "hughes", "nobuhle" <nobuhle@elms.co.za>  
Content-Type: multipart/mixed; boundary=001a147f8585049de051e60bbe5  
Bcc: [nobuhle@elms.co.za](mailto:nobuhle@elms.co.za)

Dear Interested and Affected Party,

Please find attached notification (provided in English and Afrikaans) regarding an application for environmental authorisation and the availability of the Draft Scoping Report for the above mentioned project.

If you have any queries or concerns, please do not hesitate to contact the undersigned.

Sincerely,

Nobuhle Hughes  
Environmental Impact Management Services (Pty) Ltd  
Block 5 Fernridge Office Park, 5 Hunter Avenue, Ferndale, Randburg.

P O Box 2083, Pinegowrie 2123, South Africa.  
Tel: (011) 789-7170 Fax: (011) 787- 3059 Mobile: 083 393-2208  
[www.elms.co.za](http://www.elms.co.za)

**Komsberg WEF**

From: liam whitlow <liamwhitlow@gmail.com>  
Sent: 31 August 2015 01:16 PM  
To: komsberg@elms.co.za  
Subject: Fwd: Delivery Status Notification (Failure)

----- Forwarded message -----

From: Mail Delivery Subsystem <mailer-daemon@qmail.gmail.com>  
Date: Fri, Aug 28, 2015 at 5:28 PM  
Subject: Delivery Status Notification (Failure)  
To: [liamwhitlow@gmail.com](mailto:liamwhitlow@gmail.com)

Delivery to the following recipient failed permanently:

[MumsyC@daff.awric.za](mailto:MumsyC@daff.awric.za)

Technical details of permanent failure:  
DNS Error: Address resolution of [daff.awric.za](mailto:daff.awric.za) failed: Domain name not found

----- Original message -----

DKIM-Signature: v=1; a=rsa-sha256; c=relaxed/relaxed;  
d=gmail.com; s=20120113;  
h=mime-version:sender:in-reply-to:references:date:message-id:subject  
:from:cc:content-type;  
bh=67k9FYFt+29883r4ByGnS3lB5e9WamGjOWZmZEqrG=;  
b=LMB/gGHP5GImk8AS+yjZD4GMhZXDhmV8XKQWk4X8XdsynQT5yqWCuwvBvOq97pKs  
O+EBuTR7GNIZZO+ucXY927nmBuaqNec+pSPeintFyXYTFXdkupFcRddEa074+I2X  
Grt3InvPzjWWDtew7tbBw7vAU64M/Hm3zUz/FnjAxeNds5nfgT796TKZ/tp33pa4B  
ywLUP4mABwTl35apQOIK1F2wXt+dtTb7ySwZGTgqV9BedaqEhT+JaxB8kz88KIP  
EbluyiXy42Zoir1g1Bmz01DGFuBBGRDDK0FmMwKwHhNXdbUUFW4Kge6MFh+IEPm8  
Fpow=  
MIME-Version: 1.0  
X-Received: by 10.129.95.87 with SMTP id t84mt10449740ywb.29.1440775691773;  
Fri, 28 Aug 2015 08:28:11 -0700 (PDT)  
Sender: [liamwhitlow@gmail.com](mailto:liamwhitlow@gmail.com)  
Received: by 10.37.104.67 with HTTP; Fri, 28 Aug 2015 08:28:11 -0700 (PDT)  
In-Reply-To: <CAFg2a+fVLNw7ESgc=FIRai+kCKV6QuST8peb0iq=TjqReYlug@mail.gmail.com>  
References: <CAFg2a+fVLNw7ESgc=FIRai+kCKV6QuST8peb0iq=TjqReYlug@mail.gmail.com>  
Date: Fri, 28 Aug 2015 17:28:11 +0200  
X-Google-Header-Auth: n-AZvsQDmUMkInbHvGZwZv-Mwxx  
Message-ID: <CAFg2a+fVLNw7ESgc=FIRai+kCKV6QuST8peb0iq=TjqReYlug@mail.gmail.com>  
Subject: Fwd: EIA FOR THE PROPOSED KOMSBERG WIND ENERGY  
FACILITIES/OMGBWINGSIMPAKSTUDIE  
VIR DIE VOORGESTELDE KOMSBERG WINDENERGIE FASILITEIT  
From: liam whitlow <liam@elms.co.za>  
Cc: "Nangamso Siwendu" <siwendu@elms.co.za>, "hughes", "nobuhle" <nobuhle@elms.co.za>  
Content-Type: multipart/mixed; boundary=001a147f8585049de051e60bbe5  
Bcc: [MumsyC@daff.awric.za](mailto:MumsyC@daff.awric.za)

Dear Interested and Affected Party,

Please find attached notification (provided in English and Afrikaans) regarding an application for environmental authorisation and the availability of the Draft Scoping Report for the above mentioned project.

If you have any queries or concerns, please do not hesitate to contact the undersigned.

Sincerely,

Noahle Hughes  
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P O Box 2083, Pinegowrie 2123, South Africa.  
Tel: (011) 789-7170 Fax: (011) 787- 3059 Mobile: 083 393-2208  
www.eims.co.za

**Komsberg WEF**

From: Iliam whitlow <iliamwhitlow@gmail.com>  
Sent: 31 August 2015 01:16 PM  
To: komsberg@eims.co.za  
Subject: Fwd: Delivery Status Notification (Failure)

----- Forwarded message -----

From: Mail Delivery Subsystem <mailer-daemon@googlmail.com>  
Date: Fri, Aug 28, 2015 at 5:28 PM  
Subject: Delivery Status Notification (Failure)  
To: iliawhitlow@gmail.com

Delivery to the following recipient failed permanently:

wessane.conservat@yaho.com

Technical details of permanent failure:  
Google tried to deliver your message, but it was rejected by the server for the recipient domain yahoo.com by [m6.gm0.yahoodns.net. [98.138.112.38].

The error that the other server returned was:  
554 delivery error: dd Sorry your message to wessane.conservat@yaho.com cannot be delivered. This account has been disabled or discontinued [#102]. - [mta1087.mail.nel.yahoo.com]

----- Original message -----

DKIM-Signature: v=1; a=rna-sha256; c=relaxed/relaxed;  
d=gnail.com; s=20120113;  
h=mime-version:sender:in-reply-to:references:date:message-id:subject  
:from:cc:content-type;  
bh=a3Ej7qn2RbGH/PMoh43YPeV176OfxMQJUWNB/NRKDK=;  
b=WWFuDQZGzHlJ8zTpnuy6Uo+VROAhDCJjma7moRRaQAQIKKvSPjNaRUJ9p63CzV  
0fMLaJqOomBDkygPjccfv9uZjx0960Vw8UYr5js1Hf55zjPqd5EEGvHhFoFu3/9DDYAc  
7r39uloRjZs5DViP5G8KalyoP3ziZZ431GVbZjkMbj26T3e3YbgztxpUTXmVsl8Exmx4  
2HdDooqLqBzCwees10i9uXDKDhrxbyjorj6yUVfDIDDPFPXnWlDi3oOkLMt+emhC  
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oYIQ==  
MIME-Version: 1.0  
X-Received: by 10.129.95.87 with SMTP id t84mt10449816ywb.29.1440775691773;  
Fri, 28 Aug 2015 08:28:11 -0700 (PDT)  
Sender: iliawhitlow@gmail.com  
Received: by 10.37.104.67 with HTTP; Fri, 28 Aug 2015 08:28:11 -0700 (PDT)  
In-Reply-To: <CAFg2a+fVLNw7ESgo=F1Rai+kCKV6QuST8peb0iq=TjQReYlug@mail.gmail.com>  
References: <CAFg2a+fVLNw7ESgo=F1Rai+kCKV6QuST8peb0iq=TjQReYlug@mail.gmail.com>  
Date: Fri, 28 Aug 2015 17:28:11 +0200  
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Subject: Fwd: BIA FOR THE PROPOSED KOMSBERG WIND ENERGY  
FACILITIES/OMGEWINGSIMPAKSTUDIE

**VIR DIE VOORGESTELDE KOMSBERG WINDENERGIE FASILITEITE**

From: Iliam whitlow <iliamwhitlow@gmail.com>  
Cc: "Nangamso Siwendu" <ziizo@eims.co.za>; "Hughes", Noahle <noahle@eims.co.za>  
Content-Type: multipart/mixed; boundary=001a147f8585503842051e606bd4  
Bcc: wessane.conservat@yaho.com

Dear Interested and Affected Party,

Please find attached notification (provided in English and Afrikaans) regarding an application for environmental authorisation and the availability of the Draft Scoping Report for the above mentioned project.

If you have any queries or concerns, please do not hesitate to contact the undersigned.

Sincerely,

Noahle Hughes  
Environmental Impact Management Services (Pty) Ltd  
Block 5 Fernridge Office Park, 5 Hunter Avenue, Ferndale, Randburg.

P O Box 2083, Pinegowrie 2123, South Africa.  
Tel: (011) 789-7170 Fax: (011) 787- 3059 Mobile: 083 393-2208  
www.eims.co.za

**Komsberg WEF**

From: Iliam whitlow <iliamwhitlow@gmail.com>  
Sent: 31 August 2015 01:16 PM  
To: komsberg@eims.co.za  
Subject: Fwd: Delivery Status Notification (Failure)

----- Forwarded message -----

From: Mail Delivery Subsystem <mailer-daemon@googlmail.com>  
Date: Fri, Aug 28, 2015 at 5:28 PM  
Subject: Delivery Status Notification (Failure)  
To: iliawhitlow@gmail.com

Delivery to the following recipient failed permanently:

laingsburgtourism@telkom.net.co.za

Technical details of permanent failure:  
DNS Error: Address resolution of telkom.net.co.za failed: Domain name not found

----- Original message -----

DKIM-Signature: v=1; a=rna-sha256; c=relaxed/relaxed;  
d=gnail.com; s=20120113;  
h=mime-version:sender:in-reply-to:references:date:message-id:subject  
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bh=4XtrkoSkCnr6mBgP9ouQvbkPIQ/0bzCSk+El1uDe1Q=;  
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MIME-Version: 1.0  
X-Received: by 10.129.95.87 with SMTP id t84mt10449832ywb.29.1440775691773;  
Fri, 28 Aug 2015 08:28:11 -0700 (PDT)  
Sender: iliawhitlow@gmail.com  
Received: by 10.37.104.67 with HTTP; Fri, 28 Aug 2015 08:28:11 -0700 (PDT)  
In-Reply-To: <CAFg2a+fVLNw7ESgo=F1Rai+kCKV6QuST8peb0iq=TjQReYlug@mail.gmail.com>  
References: <CAFg2a+fVLNw7ESgo=F1Rai+kCKV6QuST8peb0iq=TjQReYlug@mail.gmail.com>  
Date: Fri, 28 Aug 2015 17:28:11 +0200  
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Message-ID: <CAFg2a+fVWK6b+QibCbVEX+PO6qamGRzG=1mRfPnkZQMhE18Q@mail.gmail.com>  
Subject: Fwd: BIA FOR THE PROPOSED KOMSBERG WIND ENERGY  
FACILITIES/OMGEWINGSIMPAKSTUDIE  
VIR DIE VOORGESTELDE KOMSBERG WINDENERGIE FASILITEITE  
From: Iliam whitlow <iliamwhitlow@gmail.com>  
Cc: "Nangamso Siwendu" <ziizo@eims.co.za>; "Hughes", Noahle <noahle@eims.co.za>  
Content-Type: multipart/mixed; boundary=001a147f8585574b051e606b77  
Bcc: laingsburgtourism@telkom.net.co.za

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P O Box 2083, Pinegowrie 2123, South Africa.  
Tel: (011) 789-7170 Fax: (011) 787- 3059 Mobile: 083 393-2208  
www.eims.co.za

**Komsberg WEF**

**From:** Iam Whitlow <iamwhitlow@gmail.com>  
**Sent:** 31 August 2015 01:16 PM  
**To:** komsberg@eims.co.za  
**Subject:** Fwd: Delivery Status Notification (Failure)

----- Forwarded message -----

**From:** Mail Delivery Subsystem <mailer-daemon@wondermail.com>  
**Date:** Fri, Aug 28, 2015 at 5:28 PM  
**Subject:** Delivery Status Notification (Failure)  
**To:** iamwhitlow@gmail.com

Delivery to the following recipient failed permanently:

[ambassador@esssa.org](mailto:ambassador@esssa.org)

Technical details of permanent failure:  
Google tried to deliver your message, but it was rejected by the server for the recipient domain [esssa.org](mailto:esssa.org) by [mx.ncfidentify.com\\_cust\\_hqs@edmail.com](mailto:mx.ncfidentify.com_cust_hqs@edmail.com). [216.40.42.4].

The error that the other server returned was:

554 5.7.1 <[ambassador@esssa.org](mailto:ambassador@esssa.org)>: Recipient address rejected: user ambassador@esssa.org does not exist

----- Original message -----

**DKIM-Signature:** v=1; a=rsa-sha256; c=relaxed/relaxed; d=gmail.com; s=20120113; h=mime-version:sender:in-reply-to:references:date:message-id:subject:from:cc:content-type; bh=HHg9UbKSLUQ28VLAyRNDJt1vdRUclXFGt+HRglA9wE=; b=kSE/WK/NCmY/G34FqQicHj3pCNzbdJHN2HYQ:KFRCPdINkqMf0V8Akg2nYcekzqk aTXAP:7Ckm4x9gPHC0/m2NVI+AyWqogJBYRjncZov6rZxli05YSWYV16BgN3rkRbbd3 GQfwkUFF+Ad7aRZyzObd/eaEP6Q8qnc3JDdVfwuZbu9JYFr4EB9/5qjBAM558IB4I8 FkAgKc9eOWTO9ANY7K/TSOrQ/97TOwqFV1p42z9OInGSuHWb4QvKCo+nCTpblSKwEpj k/04bZvv2I3nRIGoJUS9gvZx3OfgTcEmYporiOgTegTgD8+cGcDhRlBgUFanJ22OSE ZwtA==  
**MIME-Version:** 1.0  
**X-Received:** by 10.129.95.87 with SMTP id t84mt10449737ywb.29.1440775691773; Fri, 28 Aug 2015 08:28:11 -0700 (PDT)  
**Sender:** iamwhitlow@gmail.com  
**Received:** by 10.37.104.67 with HTTP; Fri, 28 Aug 2015 08:28:11 -0700 (PDT)  
**In-Reply-To:** <CAFg2a+fVLIW7ESgc=FIRai+kCKV6QuST8peb0iq=TjQReY.Lug@mail.gmail.com>  
**References:** <CAFg2a+fVLIW7ESgc=FIRai+kCKV6QuST8peb0iq=TjQReY.Lug@mail.gmail.com>  
**Date:** Fri, 28 Aug 2015 17:28:11 +0200  
**X-Google-Sender-Auth:** n-AZvsQDmUMkInbHyGZwZv-Mwxk  
**Message-ID:** <CAFg2a+fVLIW7ESgc=FIRai+kCKV6QuST8peb0iq=TjQReY.Lug@mail.gmail.com>  
**Subject:** Fwd: EIA FOR THE PROPOSED KOMSBERG WIND ENERGY FACILITIES/OMGEWINGSIMPAKSTUDIE VIR DIE VOORGESTELDE KOMSBERG WINDENERGIE FASILITEITE

**From:** Iam Whitlow <iamwhitlow@gmail.com>  
**Cc:** "Mangumso Siwendu" <[mangumso@eims.co.za](mailto:mangumso@eims.co.za)>, "Hughes, nobuhle" <[nobuhle@eims.co.za](mailto:nobuhle@eims.co.za)>  
**Content-Type:** multipart/mixed; boundary="D01a1147f85850e2e7051e60bb44"  
**Box:** [ambassador@esssa.org](mailto:ambassador@esssa.org)

Dear Interested and Affected Party,

Please find attached notification (provided in English and Afrikaans) regarding an application for environmental authorisation and the availability of the Draft Scoping Report for the above mentioned project.

If you have any queries or concerns, please do not hesitate to contact the undersigned.

Sincerely,

Nobuhle Hughes  
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Block 5 Fernridge Office Park, 5 Hunter Avenue, Ferndale, Randburg.

P O Box 2083, Pinegowrie 2123, South Africa.  
Tel: (011) 789-7170 Fax: (011) 787- 3059 Mobile: 083 393-2208  
www.eims.co.za

**Komsberg WEF**

**From:** Iam Whitlow <iamwhitlow@gmail.com>  
**Sent:** 31 August 2015 01:17 PM  
**To:** komsberg@eims.co.za  
**Subject:** Fwd: Delivery Status Notification (Failure)

----- Forwarded message -----

**From:** Mail Delivery Subsystem <mailer-daemon@wondermail.com>  
**Date:** Fri, Aug 28, 2015 at 5:21 PM  
**Subject:** Delivery Status Notification (Failure)  
**To:** iamwhitlow@gmail.com

Delivery to the following recipient failed permanently:

[wjg@komsa.net](mailto:wjg@komsa.net)

Technical details of permanent failure:  
Google tried to deliver your message, but it was rejected by the server for the recipient domain [komsa.net](mailto:komsa.net) by [mail.komsa.net](mailto:mail.komsa.net). [196.25.211.70].

The error that the other server returned was:

550 #5.1.0 Address rejected.

----- Original message -----

**DKIM-Signature:** v=1; a=rsa-sha256; c=relaxed/relaxed; d=gmail.com; s=20120113; h=mime-version:sender:in-reply-to:references:date:message-id:subject:from:cc:content-type; bh=LPOY5ioQ93RzhUa15K4CHMHtDwM14IBZzeE3L2qVc=; b=z5mihbs8lIPBRip+LBMo1wBxpzChGwOX+WB0P0Zoe8t+ksfidsnotmEFXGnHPeb bQOxDeQwLGVbmv+QTFWYnKtZXDSTNvNvYEWyZn4cDZCaQDpsTUXmiQJGaEQja5DM8 XcuOx+Xspj2E8yWFR2O2vwdWVUG7ch+RL3sRmDFiaMLTAZpCVwWQFPFP3Y939JEWI yw8IKTRq+uFhg9UleOo1Ss8NnQu7SKQO8PjMXZHMg8YnkUD2H+2zU9NwaaGBIc6q6QD 5LU9UPaodpK7hMjBmF8EgQcK2hoZsmaCX6wXyGgPbsvqJ4pZv8UgyEdYWsWXBgk3C /G/w==  
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**Received:** by 10.37.104.67 with HTTP; Fri, 28 Aug 2015 08:21:00 -0700 (PDT)  
**In-Reply-To:** <CAFg2a+fVLIW7ESgc=FIRai+kCKV6QuST8peb0iq=TjQReY.Lug@mail.gmail.com>  
**References:** <CAFg2a+fVLIW7ESgc=FIRai+kCKV6QuST8peb0iq=TjQReY.Lug@mail.gmail.com>  
**Date:** Fri, 28 Aug 2015 17:21:00 +0200  
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**Subject:** Fwd: EIA FOR THE PROPOSED KOMSBERG WIND ENERGY FACILITIES/OMGEWINGSIMPAKSTUDIE



VIR DIE VOORGESTELDE KOMSBERG WINDENERGIE FASILITEITE

From: Iam whitlow <iamwhitlow@gmail.com>  
Cc: "hughes", nobuhle <nobuhle@elkomsa.net>, "Nungunso Siwendo" <zizo@elkomsa.net>  
Content-Type: multipart/mixed; boundary=001a1456bca293e5051e60a145  
Bcc: wj@elkomsa.net

\*Dear Landowner\*

Please find attached notification regarding the proposed Komsberg East and West Wind Energy Facilities, within the Western and Northern Cape Provinces as indicated in the attached Background Information Document.

Please be advised that as part of the National Environmental Management Act's Environmental Impact Assessment (EIA) Regulations (2014), both affected landowners and occupiers are to be notified about the proposed development. In this regard we would like to ask the landowners to please notify their respective property occupiers or send us the occupiers' contact details so that we may notify them and include them in the public participation process for this project.

Should you have any queries or concerns, please do not hesitate to contact us.

\*Geagte Grondelenaar\*

Vind asseblief aangeleg kennisgewing aangaande die voorgestelde Komsberg Oos- en Wes Windenergie Fasiliteite in die Wes- en Noord-Kaap Provinsies, soos aangedui in die aangehegte agtergrondinligting dokument.

Neem asseblief kennis dat, as deel van die Wet op Nasionale Omgewingsbestuur so Omgewingsimpakstudie (OIS) Regulasies (2014), sowel geaffekteerde grondeienaars en okkuperders in kennis gestel moet word aangaande die voorgestelde ontwikkeling. In hierdie verband wil ons graag die grondeienaars vra om asseblief hul onderskeie eiendom okkuperders in kennis stel, of om vir ons die okkuperders se kontakbesonderhede te stuur sodat ons hulle in kennis kan stel, sodat hulle in die proses van openbare deelname vir hierdie projek kan deel neem. Indien u enige navrae of kommentaar het, moet asseblief nie huiwer om ons te kontak nie.

Sincerely,

Nobuhle Hughes  
Environmental Impact Management Services (Pty) Ltd  
Block 5 Ferridge Office Park, 5 Hunter Avenue, Ferndale, Randburg.

P O Box 2083, Pinegowrie 2123, South Africa.  
Tel: (011) 789-7170 Fax: (011) 787- 3059 Mobile: 083 393-2208  
www.elkomsa.net

Komsberg WEF

From: Iam whitlow <iamwhitlow@gmail.com>  
Sent: 31 August 2015 01:17 PM  
To: komsberg@elkomsa.net  
Subject: Fwd: Delivery Status Notification (Failure)

----- Forwarded message -----

From: Mail Delivery Subsystem <mailer-daemon@protonmail.com>  
Date: Fri, Aug 28, 2015 at 5:19 PM  
Subject: Delivery Status Notification (Failure)  
To: iamwhitlow@gmail.com

Delivery to the following recipient failed permanently:

wj@elkomsa.net

Technical details of permanent failure:  
Google tried to deliver your message, but it was rejected by the server for the recipient domain elkomsa.net by mail.elkomsa.net. [196.25.211.70].

The error that the other server returned was:  
550 #5.1.0 Address rejected.

----- Original message -----

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PWew==  
MIME-Version: 1.0  
X-Received: by 10.129.95.87 with SMTP id t84mt10405782ywb.29.1440775183601;  
Fri, 28 Aug 2015 08:19:43 -0700 (PDT)  
Received: by 10.37.104.67 with HTTP; Fri, 28 Aug 2015 08:19:43 -0700 (PDT)  
Date: Fri, 28 Aug 2015 17:19:43 +0200  
Message-ID: <CAFg2a+fVLNw7ESgo=F1Rnl+kCKV6QuST8pb0iq=TjRkYlUg@mail.gmail.com>  
Subject: EIA FOR THE PROPOSED KOMSBERG WIND ENERGY FACILITIES/OMGEWINGSIMPAKSTUDIE VIR DIE VOORGESTELDE KOMSBERG WINDENERGIE FASILITEITE  
From: Iam whitlow <iamwhitlow@gmail.com>  
Cc: "hughes", nobuhle <nobuhle@elkomsa.net>, komsberg@elkomsa.net  
Content-Type: multipart/mixed; boundary=001a147f838055596051e609d2a  
Bcc: wj@elkomsa.net

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Sincerely,

Nobuhle Hughes

Komsberg WEF

From: Pule Tsatsi <Pule.Tsatsi@dmr.gov.za>  
To: Komsberg WEF  
Sent: 03 September 2015 12:10 PM  
Subject: Read: EIA FOR THE PROPOSED KOMSBERG WIND ENERGY FACILITIES/OMGEWINGSIMPAKSTUDIE VIR DIE VOORGESTELDE KOMSBERG WINDENERGIE FASILITEITE

Your message

To: Pule Tsatsi  
Subject: EIA FOR THE PROPOSED KOMSBERG WIND ENERGY FACILITIES/OMGEWINGSIMPAKSTUDIE VIR DIE VOORGESTELDE KOMSBERG WINDENERGIE FASILITEITE  
Sent: Wednesday, September 02, 2015 9:03:29 AM (UTC+02:00) Harara, Pretoria

was read on Thursday, September 03, 2015 12:09:36 PM (UTC+02:00) Harara, Pretoria.

**Komsberg WEF**

---

**From:** Eloise Myburgh <wilgerbone@telkomsa.net>  
**To:** 'Komsberg WEF'  
**Sent:** 03 September 2015 02:31 PM  
**Subject:** Read: EIA FOR THE PROPOSED KOMSBERG WIND ENERGY FACILITIES/OMGEWINGSIMPAKSTUDIE VIR DIE VOORGESTELDE KOMSBERG WINDENERGIE FASILITEIT

**Your message**

**To:** Unknown  
**Subject:**

## **Appendix E: Impact Assessment and Significance Methodology**

## APPENDIX E: IMPACT ASSESSMENT

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## 1 INTRODUCTION

Komsberg Wind Farms (Pty) Ltd is proposing to construct an approximately 55km 132kV overhead power line, a 100m x 150m switching station and small metering station which together will form the grid connection for the proposed Komsberg East Wind Energy Facility (WEF). The overhead power line would traverse the Western Cape Province and a small portion of the Northern Cape Province and as such, would fall within the jurisdiction of the Laingsburg Local Municipality (Western Cape) and the Karoo Hoogland Local Municipality (Northern Cape).

The proposed Komsberg East WEF is subject to a separate application to the Department of Environmental Affairs (DEA) (full Scoping and EIA).

The proposed grid connection would consist of the following infrastructural components:

- An approximately 55km 132kV overhead power line from the on-site 132kV substation complex (on the proposed WEF site – Komsberg East) running along an approximate west south west trajectory to the national grid at the Eskom Komsberg Main Transmission Substation.
- An on-site **switching station is to be located adjacent to the proposed WEF's** substation complex (on the proposed Komsberg East WEF site) with a maximum footprint of 100m x 150m. The switch gear, control room and other equipment and infrastructure within this station enables energy to be transferred to the existing national grid.
- A metering station may be located adjacent to the Eskom Komsberg Main Transmission Substation which will quantify net electrical output before being transferred to the national grid. The metering station area (approximately 30m x 40m) would be fenced off.
- The type of structures which will support the overhead lines may include:
  - Concrete, steel or wood monopoles;
  - Guy line supported steel structures;
  - Free standing metal lattice towers; or
  - Multi-pole structures such as H-towers or K-towers.

The route for the 132 kV lines would include a servitude corridor of up to 34 m in width although a 1km wide corridor was investigated for the siting of the power line and for any alternative alignments. This corridor would accommodate any service tracks required. Service tracks would be approximately 3 - 4m wide. As such, the Komsberg East Grid Connection corridor will cover an area of approximately 187 hectares. The access tracks and any other required infrastructure will be placed within the corridor which was assessed in this Basic Assessment, the final placement of which will depend, *inter alia*, on the local geotechnical and topographical conditions, as well as environmentally sensitive areas

## 2 SITE LOCATION

The project area for the power line corridor is located approximately 60km north east of Laingsburg and 40km south east of Sutherland in the foothills of the Komsberg mountain range. The main access route to the area is via the R354 and then the Komsberg and Moordenaars Karoo District Road, approaching the project area from the west.

The following properties will be affected by the construction of the proposed grid connection:

**Table 2-1: Properties affected by the proposed grid construction.**

	<b>Property Name</b>	<b>Erf number</b>	<b>Portion</b>	<b>SG number</b>
1	Taayboschkraal	12	4	C04300000000001200004
2	Taayboschkraal	12	3	C04300000000001200003
3	Taayboschkraal	12	1	C04300000000001200001
4	Boschmans Kloof	9	3	C04300000000000900003
5	Anys Riviers Plaat	13	0	C04300000000001300000
6	Vlakkloof	11	0	C04300000000001100000
7	Welgemoed	268	2	C04300000000026800004
8	Taayboschkraal	12	2	C04300000000001200002
9	Kentucky	206		C07200000000020600000
10	Rheebokke Fontein	209	1	C07200000000020900001
11	Rheebokke Fontein	209	2	C07200000000020900002
12	Rheebokke Fontein	209	3	C07200000000020900003
13	Standvastigheid	210	RE	C07200000000021000000

### 3 ASSESSMENT METHODOLOGY

Specialists were supplied with a standard method with which to determine the significance of impacts to ensure objective assessment and evaluation, while enabling easier multidisciplinary decision-making. **The methodology is based on Hacking's risk assessment methodology (2001).**

The significance of environmental impacts is a function of the environmental aspects that are present and to be impacted on, the probability of an impact occurring and the consequence of such an impact occurring before and after implementation of proposed mitigation measures.

The methodology is included at the end of this Appendix.

The findings of the specialists' assessments are included below.

### 4 IMPACT ASSESSMENTS

#### 4.1 AGRICULTURAL POTENTIAL

The area consists of slightly undulating to steeply sloping topography, with slopes of less than 10% over much of the southern parts, but becoming as steep as 30-40% on the upper mountain slopes. The altitude of the area is between 1 000 and 1 200 metres in most of the area, but the highest parts are at over 1 500 metres. Current land use is dominantly natural vegetation (used for extensive grazing) with a significant proportion of exposed rock. The area is underlain by mudstone, siltstone and sandstone of the Abrahamskraal Formation, Beaufort Group.

A summary of the dominant soil characteristics of each land type is given in **Table 4-1** below.

Column 6 shows the distribution of dryland agricultural potential within each land type, with the dominant class shown in bold. These figures will always add up to 100%, so that the relative proportions of each potential class within every land type can be determined and easily compared with other land types.

As can be seen from the information contained in **Table 4-1**, there are virtually no high potential soils in the study area and very few medium potential soils. Every land type is dominated by rock and shallow lithosols (Mispah soil form), which have low to very low arable potential.

In addition, the low rainfall in the area means that there is little potential for rain-fed arable agriculture in the area. Arable production would therefore be possible only by irrigation.

Currently, one small patch of irrigated land (approximately 4 ha) can be identified through Google Earth, and that occurs on the farm Koornplaats, in the south-east of the study area (land type Fc264).

In general, the soils are suited for extensive grazing at best and the grazing capacity of the area is very low, at around 60-70 ha/large stock unit (ARC-ISCW, 2004).<sup>1</sup>

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<sup>1</sup> ARC-ISCW, 2004. *Overview of the status of the agricultural natural resources of South Africa* (First Edition). ARC-Institute for Soil, Climate and Water, Pretoria

**Table 4-1: Land types occurring (with soils in order of dominance)**

Land Type	Dominant soils	Depth (mm)	Percent of land type	Characteristics	Agric. Potential (%)
<b>Fc260</b>	Rock	-	59%	Grey-brown, sandy/loamy topsoils on hard rock	High: 0.0 Mod: 5.2 <b>Low: 94.8</b>
	Mispah 10	50-150	24%		
<b>Fc261</b>	Rock	-	49%	Grey-brown, sandy/loamy topsoils on hard rock	High: 0.0 Mod: 7.6 <b>Low: 92.4</b>
	Mispah 10	50-150	32%		
<b>Fc263</b>	Rock	-	46%	Grey-brown, sandy/loamy topsoils on hard rock	High: 0.0 Mod: 19.9 <b>Low: 80.1</b>
	Mispah 10	50-150	21%		
<b>Fc264</b>	Rock	-	32%	Brown, loamy topsoils on brown to red-brown, weakly structured, alluvial loamy subsoils	High: 0.0 Mod: 25.4 <b>Low: 74.6</b>
	Oakleaf 16/23/26/43/46	300-1200	25%		
<b>Ib223</b>	Rock	-	63%	Grey-brown, sandy/loamy topsoils on hard rock/calcrete	High: 0.0 Mod: 9.3 <b>Low: 90.7</b>
	Mispah 10	50-150	14%		
<b>Ib224</b>	Rock	-	66%	Grey-brown, sandy/loamy topsoils on hard rock/calcrete	High: 0.0 Mod: 5.1 <b>Low: 94.9</b>
	Mispah 10	50-150	20%		
<b>Ib225</b>	Rock	-	69%	Grey-brown, sandy/loamy topsoils on hard rock/calcrete	High: 0.0 Mod: 4.3 <b>Low: 95.7</b>
	Mispah 10	50-150	17%		
<b>Ib226</b>	Rock	-	69%	Grey-brown, sandy/loamy topsoils on hard rock/calcrete	High: 0.0 Mod: 7.2 <b>Low: 92.8</b>
	Mispah 10	50-150	15%		
<b>Ib227</b>	Rock	-	61%	Grey-brown, sandy/loamy topsoils on hard rock/calcrete	High: 0.0 Mod: 6.1 <b>Low: 93.9</b>
	Mispah 10	50-150	21%		
<b>Ib228</b>	Rock	-	73%	Grey-brown, sandy/loamy topsoils on hard rock/calcrete	High: 0.0 Mod: 6.8 <b>Low: 93.2</b>
	Mispah 10/20/22	50-150	12%		

#### 4.1.1 Construction and Operational Phase Potential Impacts

The major impact on the natural resources of the study area would be the loss of potential agricultural land due to the construction of the grid infrastructure. However, this impact would be of extremely limited significance and would be local in extent. The steep topography in many parts, coupled with the shallow soils, relatively sandy topsoil and dry climate, means that a possible impact would be the increased danger of erosion of the topsoil when vegetation cover is removed.

#### 4.1.2 Significance Assessment

<b>Possible Impact: Impact 1. Loss of agricultural land.</b>							
	<b>Extent</b>	<b>Duration</b>	<b>Intensity</b>	<b>Status</b>	<b>Significance</b>	<b>Probability</b>	<b>Confidence</b>
<b>Without Mitigation</b>	L	L	L	Negative	L	H	H
<b>With Mitigation</b>	L	L	L	Neutral	L	H	H
<b>Can the impact be reversed?</b>	Yes - very little land will be affected and soil can be replaced						
<b>Will impact cause irreplaceable loss or resources?</b>	No - soil potential in vicinity is low, so no agricultural soils will be affected						
<b>Can impact be avoided, managed or mitigated?</b>	Yes						
<b>Impact to be addressed/ further investigated and assessed in Impact Assessment Phase?</b>	No - considered to be insignificant due to very restricted occurrence of agricultural soils						

<b>Possible Impact: Impact 2. Increased soil erosion hazard.</b>							
	<b>Extent</b>	<b>Duration</b>	<b>Intensity</b>	<b>Status</b>	<b>Significance</b>	<b>Probability</b>	<b>Confidence</b>
<b>Without Mitigation</b>	L	M	M	Negative	M	H	H
<b>With Mitigation</b>	L	L	L	Neutral	L	H	H
<b>Can the impact be reversed?</b>	Yes - topsoil coverage can be replaced and affected sites re-vegetated and stabilized						
<b>Will impact cause irreplaceable loss or resources?</b>	No - soil potential in vicinity is low, so no agricultural soils will be affected						
<b>Can impact be avoided, managed or mitigated?</b>	Yes - soil conservation measures should be implemented						
<b>Impact to be addressed/ investigated and further assessed in Impact Assessment Phase?</b>	No						

#### 4.1.3 Mitigation Measures

- Avoid any areas under cultivation (if any);
- Minimize vegetation removal to smallest possible footprint;
- Control possible runoff by using soil conservation and soil retention measures, especially on steep slopes;
- Store any removed topsoil for later use (contains indigenous seeds etc) and re-vegetate as soon as possible; and
- Once specific infrastructure sites are known, site-specific measures can be devised for implementation and any potentially high risk sites can be identified.



#### 4.1.4 Potential Cumulative Impacts

The likelihood of cumulative impacts is small. Only if other developments (whether wind farms or not) were to occur, using the same access roads and thereby increasing potential soil erosion aspects, would cumulative impacts need to be considered.

The prevailing potential of the soils for rain-fed cultivation throughout most of the area is low. It is thus unlikely that any further, more detailed investigation will be required.

### 4.2 AQUATIC SYSTEMS

#### 4.2.1 Potential Impacts

No natural wetlands were observed within the study area.

It has been assumed that all of the proposed transmission lines will adequately span any water courses, thus no direct impacts on these ephemeral systems are anticipated.

It is anticipated that no impacts on the aquatic environment will occur based on the proposed alignments and the alternatives proposed. This is based on the assumption that during the final design process, all transmission line towers will be located outside of the delineated water courses and the 32m buffer.

#### 4.2.2 Mitigation Measures

Should any of the grid towers be located on steep slopes, adequate erosion protection should be installed to prevent any surface water run-off from eroding these areas.

Should an activity occur within a watercourse or within the 32m buffer (or the 1:100 floodline, whichever is the greatest) will require a Water Use license (possible General Authorisation).

#### 4.2.3 Cumulative Impacts

No cumulative impacts are anticipated for the proposed grid connection.

### 4.3 FAUNA AND FLORA

#### 4.3.1 Potential Impacts and Assessment: Planning & Construction Phase

<b>Impact Description: Impact on vegetation and listed plant species due to transformation within the development footprint.</b>							
The development would require vegetation clearing. Apart from the direct loss of vegetation within the development footprint, listed and protected species are also highly likely to be impacted.							
	<b>Extent</b>	<b>Duration</b>	<b>Intensity</b>	<b>Status</b>	<b>Significance</b>	<b>Probability</b>	<b>Confidence</b>
<b>Without Mitigation</b>	L	M	M	Negative	M	H	H
<b>With Mitigation</b>	L	M	L	Negative	L	H	H
<b>Can the impact be reversed?</b>		No - transformation is a necessary outcome of the development					
<b>Will impact cause irreplaceable loss or resources?</b>		No - The footprint is low and no irreplaceable loss is likely.					
<b>Can impact be avoided, managed or mitigated?</b>		Yes - a preconstruction walk-through should be used to ensure that impacts on listed species is minimized.					
<b>Mitigation measures:</b>							
<ul style="list-style-type: none"> <li>• Preconstruction walk-through of the power line route to ensure that sensitive habitats and species can be avoided.</li> <li>• Ensure that lay-down and other temporary infrastructure is within low sensitivity areas, preferably previously transformed areas if possible.</li> <li>• Minimise the development footprint as far as possible and rehabilitate disturbed areas that are no longer required by the operational phase of the development.</li> </ul>							

<ul style="list-style-type: none"> <li>• If possible a permanent access road beneath the line should not be constructed. A veld track for construction and maintenance is however likely to be necessary.</li> <li>• Preconstruction environmental induction for all construction staff on site to ensure that basic environmental principles are adhered to. This includes awareness as to no littering, appropriate handling of pollution and chemical spills, avoiding fire hazards, minimizing wildlife interactions, remaining within demarcated construction areas etc.</li> <li>• Demarcate all areas to be cleared with construction tape or similar material. However caution should be exercised to avoid using material that might entangle fauna.</li> </ul>	
<b>Can any residual risk be monitored/managed?</b>	Yes, there should be follow-up checks for erosion and aliens to ensure that impact is limited.
<b>Will this impact contribute to any cumulative impacts?</b>	Yes. Some transformation will occur and will contribute to cumulative transformation and habitat loss in the area, but with mitigation this can be reduced to a low level.

<p><b>Impact Description: Direct faunal impacts due to construction phase noise and physical disturbance, including potential impact on Critically Endangered Riverine Rabbit.</b></p> <p>Increased levels of noise, pollution, disturbance and human presence during construction will be detrimental to fauna. Sensitive and shy fauna are likely to move away from the area during the construction phase as a result of the noise and human activities present, while some slow-moving species would not be able to avoid the construction activities and might be killed. Traffic at the site during all phases of the project would pose a risk of collisions with fauna. Slower types such as tortoises, snakes and amphibians would be most susceptible and the impact would be largely concentrated to the construction phase when vehicle activity is high. Some mammals and reptiles would be vulnerable to illegal collection or poaching during the construction phase as a result of the large number of construction personnel that are likely to be present. Many of these impacts can however be effectively managed or mitigated.</p>							
	<b>Extent</b>	<b>Duration</b>	<b>Intensity</b>	<b>Status</b>	<b>Significance</b>	<b>Probability</b>	<b>Confidence</b>
<b>Without Mitigation</b>	M	M	M	Negative	M	H	H
<b>With Mitigation</b>	L	M	L	Negative	L	H	H
<b>Can the impact be reversed?</b>	Yes. Construction phase disturbance will be transient.						
<b>Will impact cause irreplaceable loss of resources?</b>	Provided that impacts to sensitive habitats such as drainage lines are minimized, then no irreplaceable loss of resources is likely to occur.						
<b>Can impact be avoided, managed or mitigated?</b>	Yes. The footprint of the power line can be maintained at a low level and sensitive features avoided.						
<p><b>Mitigation measures:</b></p> <ul style="list-style-type: none"> <li>• Preconstruction walk-through of the power line route to identify areas of faunal sensitivity.</li> <li>• During construction any fauna directly threatened by the construction activities should be removed to a safe location by the ECO or other suitably qualified person.</li> <li>• No fires should be allowed within the site as there is a risk of runaway veld fires.</li> <li>• No fuelwood collection should be allowed on-site.</li> <li>• No dogs should be allowed on site.</li> <li>• If any parts of site such as construction camps must be lit at night, this should be done with low-UV type lights (such as most LEDs), which do not attract insects and which should be directed downwards.</li> <li>• All hazardous materials should be stored in the appropriate manner to prevent contamination of the site. Any accidental chemical, fuel and oil spills that occur at the site should be cleaned up in the appropriate manner as related to the nature of the spill.</li> <li>• All construction vehicles should adhere to a low speed limit to avoid collisions with susceptible species such as snakes and tortoises as well as the Riverine Rabbit. Speed limits should apply within the facility as well as on the public gravel access roads to the site.</li> <li>• All personnel should undergo environmental induction with regards to fauna and in particular awareness about not harming or collecting species such as snakes, tortoises and owls which are often persecuted out of superstition.</li> </ul>							
<b>Can any residual risk be monitored/managed?</b>	Yes - All mortalities of fauna on access roads within or to the site should be recorded with a view towards intervention and additional mitigation. If any Riverine Rabbits are killed this should be reported to the EWT Riverine Rabbit programme and additional mitigation implemented.						

<b>Will this impact contribute to any cumulative impacts?</b>	Construction phase disturbance will contribute towards faunal impacts in the area and the overall contribution would be moderate but transient.
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<b>Impact Description: During construction, disturbed areas along the power line route will be highly vulnerable to soil erosion.</b>							
The large amount of disturbance created during construction would leave the site vulnerable to soil erosion, especially as many parts of the site are steep. The soil disturbance associated with the development will render the impacted areas highly vulnerable to erosion and measures to limit erosion will need to be a key element of mitigation measures at the site. Furthermore, if the eroded material were to enter streams and rivers at the site, it could have significant impact on these systems through siltation of pools and changes in the chemistry and turbidity of the water.							
	<b>Extent</b>	<b>Duration</b>	<b>Intensity</b>	<b>Status</b>	<b>Significance</b>	<b>Probability</b>	<b>Confidence</b>
<b>Without Mitigation</b>	M	H	M	Negative	M	H	H
<b>With Mitigation</b>	L	L	L	Negative	L	H	H
<b>Can the impact be reversed?</b>	With appropriate mitigation the impact can be ameliorated						
<b>Will impact cause irreplaceable loss or resources?</b>	The loss of large amounts to topsoil would potentially be an irreplaceable loss of resources.						
<b>Can impact be avoided, managed or mitigated?</b>	Yes. With appropriate control measures, erosion risk can be mitigated						
<b>Mitigation measures:</b>							
<ul style="list-style-type: none"> <li>• Runoff management and erosion control should be integrated into the project design.</li> <li>• Some parts of the power line route are on steep slopes and specific avoidance and mitigation should be implemented in such areas to prevent erosion.</li> <li>• Disturbance near to drainage lines should be avoided and sensitive drainage areas near to the construction activities should demarcated as no-go areas.</li> <li>• Regular monitoring for erosion problems along the access roads and other cleared areas.</li> <li>• Erosion problems should be rectified on a regular basis.</li> <li>• A low cover of vegetation should be left wherever possible within the construction footprint to bind the soil, prevent erosion and promote post-disturbance recovery of an indigenous ground cover.</li> </ul>							
<b>Can any residual risk be monitored/managed?</b>	Yes. There should be regular monitoring for erosion problems during the construction phase, with interventions implemented where actual and potential problems are observed.						
<b>Will this impact contribute to any cumulative impacts?</b>	Yes. Erosion will contribute towards cumulative habitat loss and degradation in the area. However, if erosion is effectively controlled, then this contribution would be low.						

#### 4.3.2 Potential Impacts and Assessment: Operational Phase

<b>Impact Description: Following construction, disturbed areas along the power line route will be vulnerable to soil erosion.</b>							
	<b>Extent</b>	<b>Duration</b>	<b>Intensity</b>	<b>Status</b>	<b>Significance</b>	<b>Probability</b>	<b>Confidence</b>
<b>Without Mitigation</b>	M	H	M	Negative	M	H	H
<b>With Mitigation</b>	L	L	L	Negative	L	H	H
<b>Can the impact be reversed?</b>	With appropriate mitigation the impact can be ameliorated						
<b>Will impact cause irreplaceable loss or resources?</b>	The loss of large amounts to topsoil during operation would potentially be an irreplaceable loss of resources.						
<b>Can impact be avoided, managed or mitigated?</b>	With appropriate control measures, erosion risk can be mitigated						
<b>Mitigation measures:</b>							
<ul style="list-style-type: none"> <li>• Erosion management at the site should take place according to the Erosion and Rehabilitation Plan.</li> <li>• All roads should have runoff control features which redirect water flow and dissipate any energy in the water which may pose an erosion risk.</li> <li>• Regular monitoring for erosion during operation to ensure that no erosion problems have developed as result of the disturbance.</li> </ul>							

<ul style="list-style-type: none"> <li>All erosion problems observed should be rectified as soon as possible, using the appropriate erosion control structures and revegetation techniques.</li> </ul>	
<b>Can any residual risk be monitored/managed?</b>	Yes - There should be regular monitoring for erosion problems along the power line route during the operational phase, with interventions implemented where actual and potential problems are observed.
<b>Will this impact contribute to any cumulative impacts?</b>	Yes - Erosion will contribute towards cumulative habitat loss and degradation in the area. However, if erosion is effectively controlled, then this contribution would be low.

**Impact Description: Following construction, the site will be highly vulnerable to alien plant invasion.**

The disturbance associated with the project will render the disturbed areas vulnerable to alien plant invasion. Some alien invasion is inevitable and regular alien clearing activities would be required to limit the extent of this problem. Once the natural vegetation has returned to the disturbed areas, the site will be less vulnerable to alien plant invasion, however, the roadsides service areas are likely to remain *foci* of alien plant invasion.

	Extent	Duration	Intensity	Status	Significance	Probability	Confidence
<b>Without Mitigation</b>	M	H	M	Negative	M	H	H
<b>With Mitigation</b>	L	L	L	Negative	L	H	H
<b>Can the impact be reversed?</b>	With appropriate mitigation the impact can be ameliorated						
<b>Will impact cause irreplaceable loss or resources?</b>	With mitigation there would not be loss of resources						
<b>Can impact be avoided, managed or mitigated?</b>	With appropriate control measures, alien plants can be controlled and reduced to very low impact						
<b>Mitigation measures:</b>							
<ul style="list-style-type: none"> <li>Alien plant species are likely to be a long-term problem within disturbed areas and a long-term control plan will need to be implemented.</li> <li>Regular monitoring for alien plants within the development footprint as well as adjacent areas which receive runoff from the facility as there are also likely to be prone to invasion problems.</li> <li>Regular alien clearing should be conducted using the best-practice methods for the species concerned. The use of herbicides should be avoided as far as possible.</li> </ul>							
<b>Can any residual risk be monitored/managed?</b>	Yes - There should be regular monitoring for alien plant problems during the operational phase, with management and control implemented according to the Alien Management Plan.						
<b>Will this impact contribute to any cumulative impacts?</b>	Yes - Alien plant invasion would contribute towards cumulative habitat loss and degradation in the area. However, if aliens are effectively controlled, then this contribution would be low.						

**4.3.3 Potential Impacts and Assessment: Decommissioning Phase**

<b>Impact Description: Faunal impacts due to decommissioning-phase activities along the power line.</b>							
	Extent	Duration	Intensity	Status	Significance	Probability	Confidence
<b>Without Mitigation</b>	M	L	M	Negative	Medium	H	H
<b>With Mitigation</b>	L	L	L	Negative	Low	H	H
<b>Can the impact be reversed?</b>	Yes - This impact will be transient and restricted to the decommissioning period.						
<b>Will impact cause irreplaceable loss or resources?</b>	No - this is unlikely						
<b>Can impact be avoided, managed or mitigated?</b>	Partially - Some management is possible, but residual impact from general disturbance and human activity cannot be avoided.						
<b>Mitigation measures:</b>							
<ul style="list-style-type: none"> <li>Any potentially dangerous fauna such snakes or fauna threatened by the decommissioning activities should be removed to a safe location.</li> </ul>							

<ul style="list-style-type: none"> <li>All hazardous materials should be stored in the appropriate manner to prevent contamination of the site. Any accidental chemical, fuel and oil spills that occur at the site should be cleaned up in the appropriate manner as related to the nature of the spill.</li> <li>All vehicles accessing the site should adhere to a low speed limit (40km/h max) to avoid collisions with susceptible species such as snakes and tortoises.</li> <li>All above-ground infrastructure should be removed from the site and disturbed areas rehabilitated.</li> </ul>	
<b>Can any residual risk be monitored/managed?</b>	Yes - Disturbance at the site can be minimized and the speed of vehicles at the site controlled.
<b>Will this impact contribute to any cumulative impacts?</b>	Yes - Construction phase disturbance will contribute towards faunal impacts in the area and the overall contribution would be moderate but transient

<b>Impact Description: Following decommissioning, the site will be highly vulnerable to soil erosion.</b>							
	<b>Extent</b>	<b>Duration</b>	<b>Intensity</b>	<b>Status</b>	<b>Significance</b>	<b>Probability</b>	<b>Confidence</b>
<b>Without Mitigation</b>	M	M	M	Negative	M	H	H
<b>With Mitigation</b>	L	L	L	Negative	L	H	H
<b>Can the impact be reversed?</b>	With appropriate mitigation the impact can be ameliorated						
<b>Will impact cause irreplaceable loss or resources?</b>	The loss of large amounts to topsoil would potentially be an irreplaceable loss of resources.						
<b>Can impact be avoided, managed or mitigated?</b>	With appropriate control measures, erosion risk can be mitigated						
<b>Mitigation measures:</b>							
<ul style="list-style-type: none"> <li>Any roads that will not be rehabilitated should have runoff control features which redirect water flow and dissipate any energy in the water which may pose an erosion risk.</li> <li>There should be regular monitoring for erosion for at least 2 years after decommissioning to ensure that no erosion problems develop as result of the disturbance.</li> <li>All erosion problems observed should be rectified as soon as possible, using the appropriate erosion control structures and revegetation techniques.</li> <li>All disturbed and cleared areas should be revegetated with indigenous perennial shrubs and grasses from the local area.</li> </ul>							
<b>Can any residual risk be monitored/managed?</b>	Yes - There should be regular monitoring for erosion problems for at least 2 years after decommissioning, with interventions implemented where actual and potential problems are observed.						
<b>Will this impact contribute to any cumulative impacts?</b>	Yes - Erosion will contribute towards cumulative habitat loss and degradation in the area. However, if erosion is effectively controlled, then this contribution would be low.						

<b>Impact Description: Following decommissioning, disturbed areas along the power line route will be highly vulnerable to alien plant invasion.</b>							
	<b>Extent</b>	<b>Duration</b>	<b>Intensity</b>	<b>Status</b>	<b>Significance</b>	<b>Probability</b>	<b>Confidence</b>
<b>Without Mitigation</b>	M	M	M	Negative	M	H	H
<b>With Mitigation</b>	L	L	L	Negative	L	H	H
<b>Can the impact be reversed?</b>	With appropriate mitigation the impact can be ameliorated						
<b>Will impact cause irreplaceable loss or resources?</b>	With mitigation there would not be loss of resources						
<b>Can impact be avoided, managed or mitigated?</b>	With appropriate control measures, alien plants can be controlled and reduced to very low impact						
<b>Mitigation measures:</b>							
<ul style="list-style-type: none"> <li>Wherever excavation is necessary for decommissioning, topsoil should be set aside and replaced after construction to encourage natural regeneration of the local indigenous species.</li> <li>Due to the disturbance at the site alien plant species are likely to be a long-term problem at the site following decommissioning and regular control will need to be implemented until a cover of indigenous species has returned.</li> <li>Regular monitoring for alien plants within the disturbed areas.</li> </ul>							

<ul style="list-style-type: none"> <li>Regular alien clearing should be conducted using the best-practice methods for the species concerned. The use of herbicides should be avoided as far as possible.</li> </ul>	
<b>Can any residual risk be monitored/managed?</b>	Yes - There should be regular monitoring for alien plant problems following decommissioning.
<b>Will this impact contribute to any cumulative impacts?</b>	Yes - Alien plant invasion would contribute towards cumulative habitat loss and degradation in the area. However, if aliens are effectively controlled, then this contribution would be low.

## 4.4 BATS

### 4.4.1 Direct Impacts

#### 4.4.1.1 Construction Phase

<b>Possible Impact: Roost disturbance</b>							
The grid connection infrastructure may impact bats directly through the disturbance of roosts during construction. Excessive noise and dust during the construction phase could result in bats abandoning their roosts, depending on the proximity of construction activities to roosts. This impact will vary depending on the species involved; species that may roost in trees are likely to be impacted more (e.g. Cape serotine and Egyptian free-tailed bats) because tree roosts are less buffered against noise and dust compared to roosts in buildings and rocky crevices. Roosts are limiting factors in the distribution of bats and their availability is a major determinant in whether bats would be present in a particular location. Reducing roosting opportunities for bats is likely to have negative impacts.							
	<b>Extent</b>	<b>Duration</b>	<b>Intensity</b>	<b>Status</b>	<b>Significance</b>	<b>Probability</b>	<b>Confidence</b>
<b>Without Mitigation</b>	L	M	M	Negative	M	M	L
<b>With Mitigation</b>	L	M	L	Negative	L	L	L
<b>Can the impact be reversed?</b>				Unknown			
<b>Will impact cause irreplaceable loss of resources?</b>				No			
<b>Can impact be avoided, managed or mitigated?</b>				Yes			
<b>Mitigation measures:</b>							
<ul style="list-style-type: none"> <li>It may be possible to limit roost disturbance and abandonment by avoiding construction activities near roosts. These include trees, rocky crevices and buildings along the grid connection route.</li> <li>It is recommended that a bat specialist survey the confirmed grid connection route during the design phase for the presence of roosts before any construction activities commence.</li> <li>A no-go buffer zone of 200 m, in which no construction activities may take place or no infrastructure (excluding roads) is to come within must be applied around any roosts or potential roosts identified (limited to rocky crevices and buildings).</li> <li>A no-go buffer zone of 500 m, in which no construction activities may take place or no infrastructure (excluding roads) is to come within must be applied around any roosts or potential roosts identified (limited to specific tree species and caves) to specifically protect Fruit bats. The following trees species should be buffered: species of fig, Cape ash, saffronwood, yellowwood, <i>Diospyros L.</i>, and <i>Syzygium R.Br. ex Gaertn.</i>, if found within the grid connection route.</li> </ul>							
<b>Will this impact contribute to any cumulative impacts?</b>				The cumulative impact of bats abandoning their roosts is dependent on the number of roosts affected, the species involved and extent of the impact across the assessed region. With effective management of the construction process across the cumulative developments and limiting roost disturbance, the cumulative impacts can be reduced to low.			

<b>Possible Impact: Roost destruction</b>							
The grid connection infrastructure may impact bats directly through the physical destruction of roosts during construction. Roosts are limiting factors in the distribution of bats and their availability is a major determinant in whether bats would be present in a particular location. Reducing roosting opportunities for bats is likely to have negative impacts. Potential roosts that may be impacted by construction activities include trees, rocky crevices and buildings.							
	<b>Extent</b>	<b>Duration</b>	<b>Intensity</b>	<b>Status</b>	<b>Significance</b>	<b>Probability</b>	<b>Confidence</b>
<b>Without Mitigation</b>	L	H	L	Negative	M	M	L



<b>With Mitigation</b>	L	L	L	Negative	Very L	L	L
<b>Can the impact be reversed?</b>				No			
<b>Will impact cause irreplaceable loss of resources?</b>				Yes			
<b>Can impact be avoided, managed or mitigated?</b>				Yes			
<b>Mitigation measures:</b>							
<ul style="list-style-type: none"> <li>The grid connection route can be designed and constructed in such a way as to avoid the destruction of potential roosts, particularly trees, rocky crevices (if blasting is required) and buildings.</li> <li>No construction activities with the potential to physically affect any bat roosts will be permitted without the express permission of a suitably qualified bat specialist following appropriate investigation and mitigation.</li> <li>It is recommended that a bat specialist survey the confirmed grid connection route during the design phase for the presence of roosts before any construction activities commence.</li> <li>A no-go buffer zone of 200 m, in which no construction activities may take place or no infrastructure (excluding roads) is to come within must be applied around any roosts or potential roosts identified (limited to rocky crevices and buildings).</li> <li>A no-go buffer zone of 500 m, in which no construction activities may take place or no infrastructure (excluding roads) is to come within must be applied around any roosts or potential roosts identified (limited to specific tree species and caves) to specifically protect Fruit bats. The following trees species should be buffered: species of fig, Cape ash, saffronwood, yellowwood, <i>Diospyros L.</i>, and <i>Syzygium R.Br. ex Gaertn.</i>, if found within the grid connection route.</li> <li>A site-specific EMPr must be implemented, which gives appropriate and detailed description of how construction activities must be conducted to reduce unnecessary destruction of habitat. All contractors are to adhere to the EMPr and should apply good environmental practice during construction.</li> <li>During construction, laydown areas and temporary access roads should be kept to a minimum in order to limit direct vegetation loss and habitat fragmentation, while designated no-go areas must be enforced i.e. no off-road driving.</li> <li>Following construction, rehabilitation of all areas disturbed (e.g. temporary access tracks and laydown areas) must be undertaken and a habitat restoration plan must be developed by a specialist and included within the EMPr.</li> </ul>							
<b>Will this impact contribute to any cumulative impacts?</b>				The cumulative impact of destroying multiple roosts across a region will be negative. With mitigation, effective design of grid connections and preventing roost destruction, the cumulative impacts can be reduced to low.			

#### 4.4.1.2 Operational Phase

<b>Possible Impact: Bat mortality through collision with transmission lines</b>							
Insectivorous bats are unlikely to collide with transmission lines due to their ability to echolocate. They are therefore able to detect and avoid obstacles in their path, such as electrical cabling. Fruit bats do not echolocate in the same manner and can collide and become electrocuted by transmission lines. There is no published evidence of this in South Africa but these events to occur globally. The geographic distribution of at least one species of fruit bat, the Egyptian rousette, may overlap with the proposed grid connection route. The existence of suitable caves for roosting and fruit trees along or across this route may increase the likelihood that this species is present.							
	<b>Extent</b>	<b>Duration</b>	<b>Intensity</b>	<b>Status</b>	<b>Significance</b>	<b>Probability</b>	<b>Confidence</b>
<b>Without Mitigation</b>	L	M	L	Negative	L	L	L
<b>With Mitigation</b>	L	M	L	Negative	Very L	L	L
<b>Can the impact be reversed?</b>				No			
<b>Will impact cause irreplaceable loss of resources?</b>				Yes			
<b>Can impact be avoided, managed or mitigated?</b>				Yes			
<b>Mitigation measures:</b>							
Mitigation measures to reduce residual risk or enhance opportunities:							
<ul style="list-style-type: none"> <li>It is recommended that a bat specialist survey the confirmed switching station and grid connection route during the design phase for the presence of cave roosts, orchards and fruit trees before any construction activities commence. The Egyptian rousette utilises the fruit of the following trees species: various species</li> </ul>							

<p>of fig, Cape ash, saffronwood, yellowwood, <i>Diospyros L.</i>, and <i>Syzygium R.Br. ex Gaertn.</i> The grid connection must be surveyed for the presence of these species.</p> <ul style="list-style-type: none"> <li>A no-go buffer zone of 500 m, in which no construction activities may take place or no infrastructure (excluding roads) is to come within (including overhead power cables) must be applied around any cave roosts, orchards or fruit trees identified to protect fruit bats.</li> </ul>	
<b>Will this impact contribute to any cumulative impacts?</b>	<p>The cumulative impacts will depend on the number of grid connections in the region, the species involved and the levels of bat mortality. Bats reproduce slowly and their populations can take long periods of time to recover from disturbances so the cumulative impacts can be high if appropriate management and mitigation is not implemented.</p>

#### 4.4.2 Indirect Impacts

##### 4.4.2.1 Construction Phase

<b>Possible Impact: Habitat modification</b>							
<p>Bats can be impacted indirectly through the modification or removal of habitats. The removal of vegetation during the construction phase will impact bats by removing cover and linear features that some bats use for foraging and commuting. The footprint of the grid connection route is small relative to the remaining habitat available in the surrounding area and as such the removal of vegetation is not likely to result in a significant impact. This impact can be reduced even further by limiting the removal of vegetation as far as possible.</p>							
	<b>Extent</b>	<b>Duration</b>	<b>Intensity</b>	<b>Status</b>	<b>Significance</b>	<b>Probability</b>	<b>Confidence</b>
<b>Without Mitigation</b>	L	M	L	Negative	L	M	H
<b>With Mitigation</b>	L	M	L	Negative	Very L	M	H
<b>Can the impact be reversed?</b>				Yes			
<b>Will impact cause irreplaceable loss of resources?</b>				Yes			
<b>Can impact be avoided, managed or mitigated?</b>				Yes			
<b>Mitigation measures:</b>							
<ul style="list-style-type: none"> <li>This impact must be reduced by limiting the removal of vegetation as far as possible. A site-specific EMPr must be implemented, which gives appropriate and detailed description of how construction activities must be conducted to reduce unnecessary destruction of habitat. All contractors are to adhere to the EMPr and should apply good environmental practice during construction.</li> <li>During the design phase, the bat specialist should conduct a site walkthrough, covering the final road and power line routes, to identify any roosts/activity of sensitive species, as well as any additional sensitive habitats.</li> <li>During construction laydown areas and temporary access roads should be kept to a minimum in order to limit direct vegetation loss and habitat fragmentation, while designated no-go areas must be enforced i.e. no off-road driving.</li> <li>Following construction, rehabilitation of all areas disturbed (e.g. temporary access tracks and laydown areas) must be undertaken and a habitat restoration plan must be developed by a specialist and included within the EMPr</li> </ul>							
<b>Will this impact contribute to any cumulative impacts?</b>	<p>Cumulative impacts should be low because of the limited amount of vegetation that would be removed relative to the large area in the region that would not be developed. However, this will depend on the types of vegetation that are removed because the cumulative impact of removing endangered habitat will be greater than removing habitat that is not threatened.</p>						

## 4.5 AVIFAUNA

### 4.5.1 Construction Phase – Habitat Destruction

Habitat destruction will be limited to the grid connection area. Without rehabilitation the duration can be permanent. The intensity of habitat destruction is considered to be medium, resulting in an impact of potentially medium negative significance.

With appropriate mitigation measures listed in the intensity and duration of the impact can be lowered resulting in a low negative significance.

	<b>Extent</b>	<b>Duration</b>	<b>Intensity</b>	<b>Status</b>	<b>Significance</b>	<b>Probability</b>	<b>Confidence</b>
<b>Without Mitigation</b>	L	H	M	Negative	M	H	H
<b>With Mitigation</b>	L	M	L	Negative	L	H	H
<b>Can the impact be reversed?</b>	Yes – Areas disturbed during construction can be rehabilitated after construction and after decommissioning						
<b>Will impact cause irreplaceable loss of resources?</b>	No – rehabilitation of habitat is possible						
<b>Can impact be avoided, managed or mitigated?</b>	Yes –The total area of impact (and thus the intensity rating) can be minimised. The servitude can be rehabilitated after project close.						
<b>Mitigation measures:</b>							
<ul style="list-style-type: none"> <li>• A site specific EMPr must be implemented, which gives appropriate and detailed description of how construction activities must be conducted to reduce unnecessary destruction of habitat. All contractors are to adhere to the EMPr and should apply good environmental practice during construction</li> <li>• High traffic areas and buildings such as offices, batching plants, storage areas etc. should where possible be situated in areas that are already disturbed;</li> <li>• Existing roads and farm tracks should be used where possible;</li> <li>• The minimum footprint areas of infrastructure should be used wherever possible, including servitude widths and lengths;</li> <li>• Where possible, grid infrastructure (within the WEF site) should not be constructed in High Sensitivity Zones;</li> <li>• Construction of grid infrastructure (within the WEF site) must consider avifaunal sensitivity zones and avoid areas of higher sensitivities where possible;</li> <li>• Environmental Control Officers to oversee activities and ensure that the site specific EMPr is implemented and enforced;</li> <li>• Any clearing of stands of alien trees on site should be approved first by an avifaunal specialist.</li> <li>• Following construction, rehabilitation of all areas disturbed (e.g. temporary access tracks and laydown areas) must be undertaken and to this end a habitat restoration plan is to be developed by a specialist and included within the EMPr.</li> <li>• Beyond the WEF site, the grid connection route should, where possible, follow existing linear infrastructure such as roads and power lines, and should be constructed as close as practically possible to the existing infrastructure.</li> <li>• Where possible the Grid Connection route must avoid sensitive areas such as wetlands, dams, rivers and cultivated lands.</li> </ul>							

### 4.5.2 Construction Phase - Disturbance and Displacement

The duration of disturbance is expected to last for the duration of the construction phase (medium-term) and will be restricted to the grid connection area. Disturbance during the breeding season and close to nesting sites can potentially impact the breeding success of various sensitive species. Therefore this impact is considered of medium intensity resulting in a medium negative significance. With mitigation measures the residual impact is expected to be low negative.

	<b>Extent</b>	<b>Duration</b>	<b>Intensity</b>	<b>Status</b>	<b>Significance</b>	<b>Probability</b>	<b>Confidence</b>
<b>Without Mitigation</b>	L	M	M	Negative	M	H	H
<b>With Mitigation</b>	L	M	L	Negative	L	M	H

<b>Can the impact be reversed?</b>	Partially – In some areas of the operational WEF, birds disturbed during construction may return to their activities after completion of construction.
<b>Will impact cause irreplaceable loss of resources?</b>	Possible – Disturbance and potential displacement of birds may impact breeding and thus impact on the population of a species.
<b>Can impact be avoided, managed or mitigated?</b>	Partially– Some disturbance is inevitable with the activities associated with construction.
<b>Mitigation measures:</b> <ul style="list-style-type: none"> <li>• Prior to construction, the avifaunal specialist should conduct a site walkthrough, covering the final grid connection route and pylon locations, to identify any nests/breeding activity of sensitive species, as well as any additional sensitive habitats. The results of which may inform the final construction schedule, in close proximity to that specific area, including abbreviating construction time, scheduling activities around avian breeding and/or movement schedules, and lowering levels of associated noise.</li> <li>• A site specific EMPr must be implemented, which gives appropriate and detailed description of how construction activities must be conducted to reduce unnecessary destruction of habitat. All contractors are to adhere to the EMPr and should apply good environmental practice during construction.</li> </ul>	

#### 4.5.3 Operational Phase – Disturbance and Displacement

The extent of this impact will be local and last for the duration of the operation of the grid connection (medium term). As disturbance is largely restricted to regular maintenance activities that do not occur on a daily basis the intensity of the impact is considered medium, resulting in a medium negative significance.

The implementation of an Operational Environmental Management Plan (OEMP) within the EMPr can lower the intensity of this impact to low, which would result in a low residual impact significance.

	Extent	Duration	Intensity	Status	Significance	Probability	Confidence
<b>Without Mitigation</b>	L	M	M	Negative	M	H	H
<b>With Mitigation</b>	L	M	L	Negative	L	M	H
<b>Can the impact be reversed?</b>	Possibly – After decommissioning and rehabilitation displaced species will possibly return.						
<b>Will impact cause irreplaceable loss of resources?</b>	Unlikely – Disturbance and potential displacement of birds may impact breeding and thus impact on the population of a species.						
<b>Can impact be avoided, managed or mitigated?</b>	Partially – Some disturbance is inevitable with the operational activities, but these can be minimised.						
<b>Mitigation measures:</b> <ul style="list-style-type: none"> <li>• A site specific Operational Environmental Management Plan (OEMP) (within the EMPr) must be implemented, which gives appropriate and detailed description of how operational and maintenance activities must be conducted to reduce unnecessary disturbance. All contractors are to adhere to the OEMP and should apply good environmental practice during all operations.</li> </ul>							

#### 4.5.4 Operational Phase – Electrocutation

While the impact occurs locally and is restricted to the grid connection area, it could have an effect on regional populations. A result of the impact is mortality which could affect the breeding success of species and their populations. The intensity is considered high and the duration potentially long-term. As electrocution is known to affect many species in South Africa the impact is probable to occur. Therefore the significance of the impact is potentially high negative.

By using bird friendly structures, the intensity of the impact can be significantly reduced to low. A reduced mortality will prevent populations to be affected on a regional scale, so the extent would be local. The residual impact would therefore be a low negative.

	Extent	Duration	Intensity	Status	Significance	Probability	Confidence
<b>Without Mitigation</b>	M	H	H	Negative	H	M	M
<b>With Mitigation</b>	L	M	L	Negative	L	L	M
<b>Can the impact be reversed?</b>	Possibly – Bird fatalities are irreversible. However local populations may recover if the occurrence of deaths is low.						
<b>Will impact cause irreplaceable loss or resources?</b>	Possibly – Electrocutation from overhead power lines causes bird fatalities which could significantly impact populations of certain species.						
<b>Can impact be avoided, managed or mitigated?</b>	Yes – Reducing the total length of overhead power lines and using a safe pylon design can reduce the risk of electrocutation.						
<b>Mitigation measures:</b>							
<ul style="list-style-type: none"> <li>Any grid connection power line/s must be of a design that minimizes electrocutation risk by using adequately insulated 'bird friendly' monopole structures, with clearances between live components of 1.8 m or greater and which provide a safe bird perch.</li> <li>The operational monitoring programme for the associated WEF site must be in line with the South African monitoring guidelines and must include regular monitoring of the grid connection power line and all new associated substations for electrocutation (and collision) mortalities. Any mortalities should be reported to the Endangered Wildlife Trust (EWT).</li> </ul>							

#### 4.5.5 Operational Phase - Collisions with Power Lines

As the result of this impact is mortality which may affect the viability of a population the intensity is considered high, and the extent high, as regional populations could be affected. As discussed previously the impact is probable to occur. The resulting significance is high.

If mitigation measures are adhered to the intensity of the impact can be reduced to medium, resulting in a medium significance rating.

	Extent	Duration	Intensity	Status	Significance	Probability	Confidence
<b>Without Mitigation</b>	H	M	H	Negative	H	M	L
<b>With Mitigation</b>	M	M	M	Negative	M	M	L
<b>Can the impact be reversed?</b>	Possibly – Bird fatalities are irreversible. However local populations may recover if the occurrence of deaths is low.						
<b>Will impact cause irreplaceable loss of resources?</b>	Possibly – Collisions with overhead power lines causes bird fatalities which could significantly impact populations of certain species.						
<b>Can impact be avoided, managed or mitigated?</b>	Yes – Reducing the total distance of overhead power lines and increasing their visibility by fitting bird flight diverters (BFD's) can reduce the number of collisions.						
<b>Mitigation measures:</b>							
<ul style="list-style-type: none"> <li>Where possible, grid infrastructure (within the WEF site) should not be constructed in High Sensitivity Zones;</li> <li>Construction of grid infrastructure (within the WEF site) must consider avifaunal sensitivity zones and avoid areas of higher sensitivities where possible;</li> <li>Construct new power lines close to existing power lines where possible.</li> <li>An avifaunal specialist must conduct a site walk through of final Grid Connection route and pylon positions prior to construction to determine if, and where, bird flight diverters (BFDs) are required.</li> <li>Install bird flight diverters as per the instructions of the specialist following the site walkthrough, which may include the need for modified BFDs fitted with solar powered LED lights on certain spans.</li> <li>The operational monitoring programme for the associated WEF site must be in line with the South African monitoring guidelines and must include regular monitoring of the grid connection power line for collision (and electrocutation) mortalities. Any mortalities should be reported to the Endangered Wildlife Trust (EWT).</li> </ul>							

## 4.6 HERITAGE

### 4.6.1 Impacts to palaeontological heritage

Given that the grid connection will involve fairly light weight structures not requiring the deep foundation conditions of turbines, the impacts to heritage will be surface only, and in all likelihood very few.

Nature of impacts: The main cause of impacts to palaeontological sites is physical disturbance/destruction of fossil material and its context which in the study area, could result in an un-redeemable loss to science and knowledge.

Extent of impacts: It is expected that impacts will be limited (local) There is a chance that the deep excavations for bases could potentially impact buried fossil material, similarly excavation of cable trenches and clearing of access roads could impact material that lies buried in the surface mudstones. Potential impacts caused by power line and proposed access roads are similarly likely to be limited and local. The physical survey of the study area has shown that palaeontological material is common in areas where there is mudstone geology, and often visible on the surface.

Significance of impacts: In terms of the information that has been collected, indications are that impacts to palaeontology may occur in mudstone areas. Impacts are not expected in the high dolerite areas. The impacts have the potential to be of high to medium negative significance, however proper mitigation may result in a positive impact which will derive knowledge.

Status of impacts: The destruction of palaeontological material is usually considered to be negative; however opportunities for the advancement of science and knowledge can result provided that professional assessments and mitigation is carried out. Without mitigation the impact will be medium negative, but potentially positive with successful mitigation.

<b>Impact Phase: Construction</b>							
<b>Possible Impact: Possibility of encountering unique fossils during excavation for turbine footings.</b>							
	<b>Extent</b>	<b>Duration</b>	<b>Intensity</b>	<b>Status</b>	<b>Significance</b>	<b>Probability</b>	<b>Confidence</b>
Without Mitigation	L	H	L	Negative	M	M	H
With Mitigation	L	H	L	Neutral – Positive.	M	M	H
<b>Can the impact be reversed?</b>			NO=0 – palaeontological heritage resources are non-renewable and key contextual data for fossils (sedimentology, taphonomy) is difficult to reconstruct following disturbance				
<b>Will impact cause irreplaceable loss or resources?</b>			Possible but UNLIKELY – well-preserved, scientifically valuable fossils are scarce within the project area. Many of the fossils concerned are probably of widespread occurrence (Exceptions: well-preserved, articulated vertebrate skeletons, vertebrate trackways).				
<b>Can impact be avoided, managed or mitigated?</b>			Yes – effective mitigation of chance fossil finds by the ECO and a professional palaeontologist is possible.				
<b>Mitigation measures:</b>							
<ul style="list-style-type: none"> <li>Safeguarding of chance fossil finds (preferably <i>in situ</i>) during the construction phase by the responsible ECO, followed by reporting of finds to Heritage Western Cape / SAHRA.</li> <li>Recording and judicious sampling of significant chance fossil finds by a qualified palaeontologist, together with pertinent contextual data (stratigraphy, sedimentology, taphonomy) within the final footprint.</li> <li>Curation of fossil material within an approved repository (museum / university fossil collection) by a qualified palaeontologist.</li> </ul>							
<b>Can any residual risk be monitored/managed?</b>			Yes - through ongoing application of the fossil chance finds procedure by ECO.				



<b>Will this impact contribute to any cumulative impacts?</b>	Yes - Cumulative impacts, albeit low-level, on local fossil heritage resources are anticipated as a result of construction of a number of wind energy facilities that have been proposed for the Sutherland area.
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#### 4.6.2 Potential impacts to pre-colonial archaeology and colonial period heritage

The Zeekoei Valley Archaeological Project is the only existing saturation survey in the Great Karoo that can be used as a device to “predict” the frequency of direct impacts to archaeological sites. Sampson 1985 conducted an audit of impacts in his area of work in the Great Karoo and established that within a sample survey area of 37 kilometres impacts of transmission lines on archaeological sites was minimal. Given that the eastern Karoo carries many more archaeological sites than this project area, it is argued that the impact of the construction of power lines will be very small, if at all. The likelihood of towers directly impacting archaeological sites is low, and in the event of this happening the impact will be over a small area.

<b>Impact Phase: Construction</b>							
<b>Possible Impact: Displacement or destruction of archaeological material, structures or kraals.</b>							
	<b>Extent</b>	<b>Duration</b>	<b>Intensity</b>	<b>Status</b>	<b>Significance</b>	<b>Probability</b>	<b>Confidence</b>
<b>Without Mitigation</b>	L	H	L	Negative-neutral	L	L	H
<b>With Mitigation</b>	L	H	L	Neutral	L	L	H
<b>Can the impact be reversed?</b>		Mitigation is not required, low or no impact expected					
<b>Will impact cause irreplaceable loss or resources?</b>		No - the very few occurrences noted are well represented in other areas.					
<b>Can impact be avoided, managed or mitigated?</b>		Yes - impacts can be managed at level of ECO.					
<b>Mitigation measures</b>							
<ul style="list-style-type: none"> <li>Do not disturb and old stone kraals or ruins, do not remove stone from walls, or artefacts from the earth or earth surface.</li> <li>Avoid farm yards and buildings (none in the alignment).</li> <li>Report any chance discoveries of human remains to an archaeologist or a heritage authority.</li> </ul>							
<b>Can any residual risk be monitored/managed?</b>		Yes - mainly through avoidance or seeking advice from an archaeologist or heritage authority if necessary.					
<b>Will this impact contribute to any cumulative impacts?</b>		No - The site is not considered archaeologically sensitive and has few unique qualities.					

#### 4.6.3 Impacts to landscape quality

Compared with the turbines the impact of the grid connection will be small in comparison, and not particularly aggressive in the context of the recent 765 kV lines that pass close to the site. In many instances, there will be backdrop scenery which will help absorb the lines and substation. The specialist has confirmed that either monopole or lattice towers are acceptable.

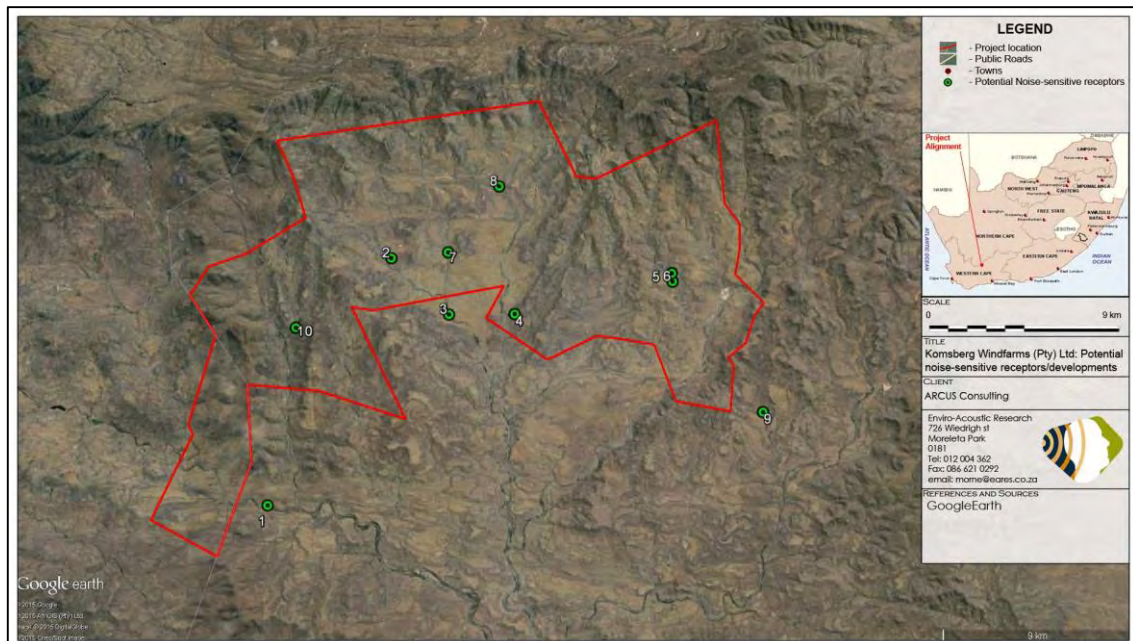
<b>Impact Phase: Construction and operation</b>							
<b>Possible Impact: Alteration of sense of place, destruction of landscape quality.</b>							
	<b>Extent</b>	<b>Duration</b>	<b>Intensity</b>	<b>Status</b>	<b>Significance</b>	<b>Probability</b>	<b>Confidence</b>
<b>Without Mitigation</b>	L	M	L	Negative	L	H	H
<b>With Mitigation</b>	L	M	L	Negative	Very L	H	H
<b>Can the impact be reversed?</b>		Impact can be reversed after the life of the facility.					

<b>Will impact cause irreplaceable loss or resources?</b>	No - not if rehabilitation can be achieved after life of the facility.
<b>Can impact be avoided, managed or mitigated?</b>	Yes - this can be achieved through tower choice and alignment adjustment.
<b>Mitigation measures</b>	<ul style="list-style-type: none"> <li>• Avoid farmsteads and structures (at least 400m buffer).</li> <li>•</li> </ul>
<b>Can any residual risk be monitored/managed?</b>	Yes - through good rehabilitation after life of facility, removal of towers.
<b>Will this impact contribute to any cumulative impacts?</b>	Yes - this will make a minor negative contribution to general aesthetic qualities of the Great Escarpment area, a remote scenic region of the Western Cape Karoo. The site has been deemed as an ideal locality in terms of its wind resources, yet the high number of wind farm and transmission line proposals for the greater area will result in sense of place impacts in a natural area that has aesthetic value.

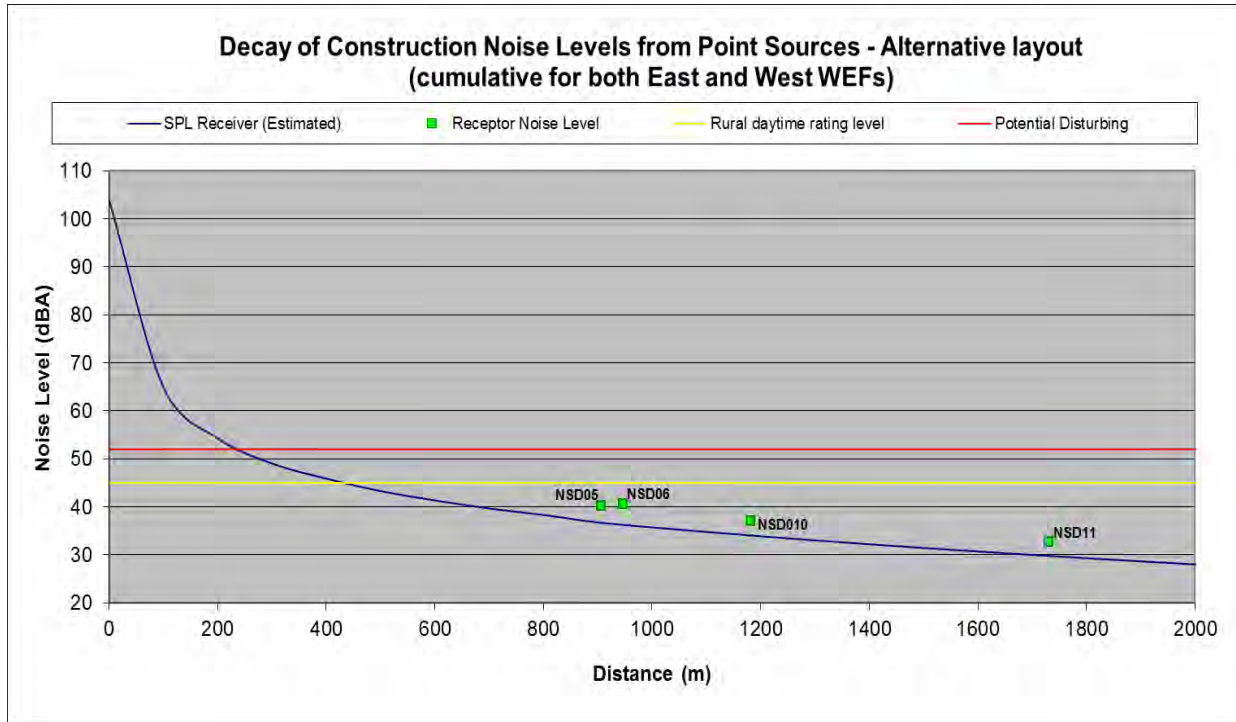
## 4.7 NOISE

### 4.7.1 Construction Phase Noise Impacts

Potentially sensitive receptors, also known as noise-sensitive developments (NSDs) are located within or close to the proposed grid connection (**Figure 4.1**). A site visit confirmed the status of the identified dwellings.



**Figure 4-1: Aerial image indicating potentially noise-sensitive receptors identified during the Scoping Noise Assessment.**



**Figure 4-2: Projected conceptual construction noise levels – Decay of noise from construction activities. The SPL Receiver graph can be used for the construction of the overhead power line to allow connection to the ESKOM grid. Any activities further than 500 m from any receiver will have a noise impact of low significance.**

The noise levels associated with the construction of the overhead power line have been estimated and it can be seen that the construction noise levels will be well within the acceptable daytime rating levels (45dBA), if these activities are further than approximately 500 m from the closest receptors. As all the identified receptors are further than 500m from this overhead line, the projected noise levels (as well as the significance of the noise impact) of this activity will be **low**.

	Overhead line	Typical daytime ambient sound levels	Extent	Intensity	Duration	Significance
<b>Receiver</b>	<b>Leq - dB(A)</b>			<b>Negative</b>		
1	Less than 35 dBA	45 - 55 dBA	L	L	L	L
2	Less than 35 dBA	45 - 55 dBA	L	L	L	L
3	Less than 35 dBA	45 - 55 dBA	L	L	L	L
4	Less than 35 dBA	45 - 55 dBA	L	L	L	L
5	Less than 35 dBA	45 - 55 dBA	L	L	L	L
6	Less than 35 dBA	45 - 55 dBA	L	L	L	L
7	Less than 35 dBA	45 - 55 dBA	L	L	L	L
8	Less than 35 dBA	45 - 55 dBA	L	L	L	L

9	Less than 35 dBA	45 - 55 dBA	L	L	L	L
10	Less than 35 dBA	45 - 55 dBA	L	L	L	L
11	Less than 35 dBA	45 - 55 dBA	L	L	L	L
<b>Probability of impact</b>		Very low				
<b>Confidence in finding</b>		Very high				
<b>Mitigation measures</b>		Mitigation is not required, although the implementation of the EMP and monitoring of construction by a qualified ECO will be necessary.				
<b>Cumulative impacts</b>		Construction noises will cumulatively add to any other noises in the area, and will be insignificant.				
<b>Residual Impacts:</b>		This impact will only disappear once rehabilitation of the area is completed.				

#### **4.7.2 Operation Phase Noise Impacts**

Sources of noise from overhead lines include that of Aeolian harp (singing of lines in wind – all lines including telephone) and Corona effects (discharges due to atmospheric effects during very high or low humidity). Corona effect increase as line voltage increase.

This sound from the overhead powerlines is not considered to be a significant noise source, as long as the lines are further than 100m from any receptor. The lines would be audible at about 500m at night from a 400 kVA line and at approximately 200m for a 132KVA line.

#### **4.7.3 Cumulative Impacts**

Construction noises will cumulatively add to any other noises in the area, and will be insignificant.

### **4.8 SOCIAL**

#### **4.8.1 Assessment of Construction Phase**

##### *4.8.1.1 Creation of local employment, training, and business opportunities*

The construction phase for the proposed Komsberg East WEF is expected to extend over a period of 18-24 months and create approximately 50 employment opportunities during peak construction. Of this total, approximately 60% will be low skilled positions (construction labourers, security staff etc.), 15% semi-skilled positions (drivers, equipment operators etc.) and 25% skilled positions (engineers, land surveyors, project managers etc.).

Members from the local community in the area may be in a position to qualify for the majority of the low skilled and semi-skilled employment opportunities. The majority of these employment opportunities are also likely to accrue to Historically Disadvantaged (HD) members from the local LLM and KHLM communities.

The creation of potential employment opportunities, even temporary employment, will therefore represent a significant, if localised, social benefit. The pool of suitably qualified local community members in Laingsburg and Sutherland is limited, and the potential employment opportunities for low and semi-skilled positions is likely to be low.

In the absence of specific commitments to develop local skills and achieve local employment targets, the potential opportunities for local employment are therefore likely to be limited. Implementing the enhancement measures listed below can enhance the potential for creating local employment opportunities. The implementation of an accredited training and skills development programme would also improve the economic mobility of members of the local community, thereby enabling to seek work in other towns. The number of low skilled and semi-skilled positions taken up by members from the local

community will depend on the effective implementation of these enhancement measures by the proponent in consultation with the LLM and Department of Labour.

A percentage of the capital expenditure associated with the construction phase has the potential to benefit local companies. However, the opportunities for local companies in Laingsburg will be limited. In this regard, the benefits are likely to accrue to building contractors and suppliers based in towns based further afield, such as Worcester, Paarl and Cape Town. Implementing the enhancement measures listed below can enhance these opportunities. However, the potential opportunities for local companies are likely to be limited due to the high import content associated with the proposed project.

The total wage bill for the 18-24 month construction phase of a single 140 MW WEF and the proposed grid connection will be in the region of R 75 million (2015 Rand value). This is based on a monthly wage of R 8 000 for low-skilled workers, R 12 000 for semi-skilled workers and R 30 000 for skilled workers over a period of 20 months.<sup>2</sup> A percentage of the wage bill will be spent in the local economy and will create significant opportunities for local businesses in Laingsburg, Sutherland and Worcester.

Given the high unemployment and low income levels in Laingsburg and Sutherland even a small percentage of the monthly salary bill spent in the towns would represent a significant opportunity. Local spend by construction workers represents a significant benefit for local shops and businesses in the area. This benefit will extend over a period of approximately 4 years.

The sector of the local economy that will also benefit from the proposed development is the local service industry. The potential opportunities for the local service sector would be linked to accommodation (if necessary), catering, cleaning, transport and security, etc. associated with the meeting the needs of construction workers who will need to be accommodated, transported to site and fed (three meals a day) over a period of 4 years.

The local farmers in the area have indicated that they do not support the establishment of any construction camps on the site (The applicant has noted that construction camps would not be required). The issue of accommodation could be a key potential challenge and would need to be addressed in consultation with the LLM, community representatives and local farmers from the area.

<b>Nature: Creation of employment and business opportunities during the construction phase.</b>							
	<b>Extent</b>	<b>Duration</b>	<b>Intensity</b>	<b>Status</b>	<b>Significance</b>	<b>Probability</b>	<b>Confidence</b>
<b>Without Mitigation/Enhancement</b>	M	L	M	Positive	M	M	H
<b>With Mitigation/Enhancement</b>	H	L	H	Positive	H	H	H

**Enhancement: Essential**

- The need to implement an accredited training and skills development programme aimed at maximising opportunity for local workers to be employed for the low and semi-skilled positions should be assessed by the proponent. Such a programme is needed should be initiated prior to the initiation of the construction phase. The aim of the potential programme should be to maximise employment opportunities for members of the local community. In this regard the programme could be aimed at community members from Laingsburg and Sutherland. If required, the programme should be developed in consultation with the Department of Labour and the LLM. The recommended targets are 50% and 30% of low and semi-skilled positions respectively should be taken up by local community members. Due to the low skills levels in the area, the majority of semi-skilled and skilled posts are likely to be filled by people from outside the area..

<sup>2</sup> Note that these figures are estimates provided by the social specialist. Wages would be determined based on legislated requirements and market norms.

- The recruitment selection process for the training and skills development programme should seek to promote gender equality and the employment of women wherever possible.
- Before the construction phase commences, the proponent should meet with representatives from the LLM to establish the existence of a skills database for the area. If such a database exists it should be made available to the contractors appointed for the construction phase.
- The local authorities and relevant community representatives should be informed of the final decision regarding the project and the potential job opportunities for locals and the employment procedures that the proponent intends following for the construction phase of the project.
- **Where reasonable and practical the proponent should appoint local contractors and implement a 'locals first' policy**, especially for semi and low-skilled job categories. Where feasible, efforts should be made to employ local contractors that are compliant with Broad Based Black Economic Empowerment (BBBEE) criteria.
- The proponent should liaise with the LLM with regards the establishment of a database of local companies, specifically BBBEE companies, which qualify as potential service providers (e.g. construction companies, catering companies, waste collection companies, security companies etc.) prior to the commencement of the tender process for construction contractors. These companies should be notified of the tender process and invited to bid for project-related work.
- Where possible, the proponent should assist local BBBEE companies to complete and submit the required tender forms and associated information.
- The LLM, in conjunction with the local business sector and representatives from the local hospitality industry, should identify strategies aimed at maximising the potential benefits associated with the project.
- Note that while preference to local employees and companies is recommended, it is recognised that a competitive tender process may not guarantee the employment of local labour for the construction phase.

*Assessment of No Go option*

There is no impact, as the current *status quo* will be maintained. The potential employment and economic benefits associated with the construction of the proposed power line would be forgone. The potential opportunity costs in terms of local capital expenditure, employment, skills development and opportunities for local business are therefore regarded as a negative. Potential opportunity costs would be greatest with regards to local employment provision and opportunities for the local service sector.

*4.8.1.2 Improved cell phone reception in the area*

The cell phone reception in parts of the study area is poor. The farmers in the area indicated that any improvement in the cell phone reception would represent a significant benefit for the local farmers in the area. The benefits would be linked to improving security on the farms in the area and also enabling local farmers to contact doctors etc. in the event of emergencies. In this regard, the local farmers enquired if it would be possible for the proponent to establish a booster tower as part of the construction of the proposed WEFs. The establishment of a booster tower would also enable the contractors on site to manage the construction phase more effectively.

<b>Nature: Potential benefit for local farmers in terms of improving security on the farms in the area and also enabling local farmers to contact doctors etc. in the event of emergencies.</b>							
	<b>Extent</b>	<b>Duration</b>	<b>Intensity</b>	<b>Status</b>	<b>Significance</b>	<b>Probability</b>	<b>Confidence</b>
<b>Without Mitigation/Enhancement</b>	N/A	N/A	N/A	N/A	Neutral	N/A	N/A
<b>With Mitigation/Enhancement</b>	M	M	L	Positive	L	H	M

**Enhancement Measures:** The proponent in consultation with the contractor should investigate option of establishing a cell phone booster mast on the site.

*Assessment of No Go option*



There is no impact as the current *status quo* would be maintained. The potential positive benefit for local farmers would be lost.

#### 4.8.1.3 *Impact of construction workers on local communities*

The presence of low and semi-skilled construction workers poses a potential risk to family structures and social networks in the towns of Laingsburg and Sutherland depending on where they are accommodated. While the presence of construction workers does not in itself constitute a social impact, the manner in which construction workers conduct themselves can impact on local communities. The most significant negative impact is associated with the disruption of existing family structures and social networks. This risk is linked to potentially risky behaviour, mainly of male construction workers, including:

- An increase in alcohol and drug use;
- An increase in crime levels;
- The loss of girlfriends and/or wives to construction workers;
- An increase in teenage and unwanted pregnancies;
- An increase in prostitution;
- An increase in sexually transmitted diseases (STDs), including HIV.

As indicated above, in the absence of the implementation of a skills development and training programme prior to the start of the construction phase, the potential employment opportunities for members from local communities from Laingsburg and Sutherland are likely to be limited. The majority of the low skilled and semi-skilled work opportunities associated with the construction phase are therefore likely to be taken up by outsiders who would need to be accommodated in the town. The presence of these outsiders will pose a potential risk to family structures and social networks in the town of Laingsburg and Sutherland depending on where they are accommodated. The local members of the community interviewed indicated that the likelihood of these risks developing was high due to the high unemployment and low income levels in the town.

However, if these opportunities are taken up by local residents, the potential impact on the local community would be reduced, as these workers will form part of the local family and social network. Employing members from the local community to fill the low-skilled job categories will therefore reduce the risk and mitigate the potential impact on the local communities.

The use of local residents from Laingsburg and Sutherland to fill the low skilled job categories will also reduce the need to provide accommodation for construction workers in Laingsburg and Sutherland. There is limited accommodation available in both of these small towns. The implementation of an accredited training and skills development programme prior to the initiation of the construction phase would therefore not only maximise employment opportunities for local residents but also reduce risks posed by construction workers to the local community. The programme would also assist the proponent to address the issue of providing accommodation for construction workers. The skilled workers are likely to be accommodated in local guest houses in the town and on local farms.

While the risks associated with construction workers at a community level will be low, at an individual and family level, they may be significant, especially in the case of contracting a sexually transmitted disease or an unplanned pregnancy.

In terms of potential threat to the families of local farm workers in the vicinity of the site, the risk is likely to be low. This is due to the low number of permanent workers residing on local farms in the area. The potential risk is therefore likely to be limited. The risk can also be effectively mitigated by ensuring that the movement of construction workers on and off the site is carefully controlled and managed. However, given the nature of construction projects, it is not possible to totally avoid these potential impacts at an individual or family level.

<b>Nature: Potential impacts on family structures and social networks associated with the presence of construction workers</b>							
	<b>Extent</b>	<b>Duration</b>	<b>Intensity</b>	<b>Status</b>	<b>Significance</b>	<b>Probability</b>	<b>Confidence</b>
<b>Without Mitigation/ Enhancement</b>	M	L	M	Negative	M	M	H
<b>With Mitigation/ Enhancement</b>	M	L	L	Negative	L	M	H

**Mitigation: Essential**

- The need to implement an accredited training and skills development programme aimed at maximising to opportunity for local workers to be employed for the low and semi-skilled positions should be assessed by the proponent. Such a programme is needed should be initiated prior to the initiation of the construction phase but only once the project has been formally finalised or Financially Closed with the Department of Energy or appropriate government agency. The aim of the potential programme should be to maximise employment opportunities for members of the local community. In this regard the programme could be aimed at community members from Laingsburg and Sutherland. If required, the programme should be developed in consultation with the Department of Labour and the LLM. The recommended targets are 50% and 30% of low and semi-skilled positions respectively should be taken up by local community members. Due to the low skills levels in the area, the majority of semi-skilled and skilled posts are likely to be filled by people from outside the area.
- The recruitment selection process for the training and skills development programme should seek to promote gender equality and the employment of women wherever possible;
- The proponent should establish a Monitoring Forum (MF) in order to monitor the construction phase and the implementation of the recommended mitigation measures. The MF should be established before the construction phase commences, and should include key stakeholders, including representatives from the LLM, farmers and the contractor(s). The MF should also be briefed on the potential risks to the local community and farm workers associated with construction workers;
- The proponent and the contractor(s) should, in consultation with representatives from the MF, develop a code of conduct for the construction phase. The code should identify which types of behaviour and activities are not acceptable. Construction workers in breach of the code should be dismissed. All dismissals must comply with the South African labour legislation;
- The proponent and contractor (s) should implement an HIV/AIDS awareness programme for all construction workers at the outset of the construction phase;
- The contractor should provide transport to and from the site on a daily basis for low and semi-skilled construction workers. This will enable the contractor to effectively manage and monitor the movement of construction workers on and off the site;
- The contractors should make the necessary arrangements to transport workers from other local towns in the area, such as Worcester and Paarl, home over weekends. This will reduce the risk posed to local family structures and social networks in Laingsburg and Sutherland;
- No construction workers, with the exception of security personnel, should be permitted to stay over-night on the site.

*Assessment of No Go option*

There is no impact as the current *status quo* would be maintained. The potential positive impacts on the local economy associated with the additional spending by construction workers in the local economy will also be lost.

4.8.1.4 *Influx of job seekers*

Construction projects tend to attract people to the area in the hope that they will secure a **job, even if it is a temporary job. These job seekers can in turn become “economically stranded” in the area or decide to stay on irrespective of finding a job or not. As in the case of construction workers employed on the project, the actual presence of job seekers in the area does not in itself constitute a social impact. However, the manner in which they conduct themselves can impact on the local community.**

The families of job seekers may also accompany individual job seekers or follow them at a **later date. In many cases, the families of the job seekers that become “economically stranded” and the construction workers that decided to stay in the area, can subsequently move to the area.** The influx of job seekers to the area and their families can also place pressure on the existing services in the area, specifically low income housing. In addition to the pressure on local services the influx of construction workers and job seekers can also result in competition for scarce employment opportunities. Further secondary impacts included increase in crime levels, especially property crime, as a result of the increased number of unemployed people. These impacts can result in increased tensions and conflicts between local residents and job seekers from outside the area.

Potential for economically motivated in-migration and subsequent labour stranding in **Laingsburg and Sutherland is likely to be low. This is due to the towns’ small sizes and locations and the limited economic opportunities that the towns have to offer.** The risks associated with job seekers moving to the area and staying on in Laingsburg and Sutherland are therefore likely to be low and are likely to be limited the construction phase.

<b>Nature: Potential impacts on family structures, social networks and community services associated with the influx of job seekers.</b>							
	<b>Extent</b>	<b>Duration</b>	<b>Intensity</b>	<b>Status</b>	<b>Significance</b>	<b>Probability</b>	<b>Confidence</b>
<b>Without Mitigation/ Enhancement</b>	M	L	L	Negative	L	M	M
<b>With Mitigation/ Enhancement</b>	M	L	L	Negative	L	M	M

**Mitigation:**

It is not possible to prevent job seekers from coming to the area in search of a job. The following should be considered:

- The proponent should implement a “locals first” policy, specifically with regard to unskilled and low skilled opportunities;
- The proponent should implement a policy that no employment will be available at the gate and or in Laingsburg and Sutherland (except for local residents).

*Assessment of No Go option*

There is no impact as the current *status quo* would be maintained. The potential positive impacts on the local economy associated with the additional spending by construction workers in the local economy would also be lost.

*4.8.1.5 Risk to safety, livestock and farm infrastructure*

The presence on and movement of construction workers on and off the site poses a potential safety threat to local farmers and farm workers in the vicinity of the site threat. In addition, farm infrastructure, such as fences and gates, may be damaged and stock losses may also result from gates being left open and/or fences being damaged or stock theft linked either directly or indirectly to the presence of farm workers on the site.

All of the local farmers in the area interviewed indicated this was a key issue in that the presence of construction workers on the site increased the exposure of their farming operations and livestock to the outside world, which, in turn, increased the potential risk of stock theft and crime. The local farmers also indicated that this was likely to be an issue during the construction phase, albeit to a reduced extent. The local farmers did indicate that the potential risks (safety, livestock and farm infrastructure) can be effectively mitigated by careful planning and managing the movement of construction on the site workers during the construction phase.

The affected and adjacent properties are primarily used for stock farming. The properties are extensive. Some properties are not permanently inhabited. Most of the farms are relatively inaccessible. Due to the isolation, the study area is considered very safe at present. Based on the comments from the local farmers interviewed, stock theft is not regarded as major problem and farm gates, houses and stores are typically left unlocked.

The concern is that the proposed development would introduce a large number of workers ('feet and eyes') into a hitherto isolated and relatively safe area, with very limited people presence. This could expose owners to potentially significant losses in the form of organised stock theft. The potential to mask the activities of local thieves was also noted.

<b>Nature: Potential risk to safety of farmers and farm workers, livestock and damage to farm infrastructure associated with the movement of construction workers on and to the site</b>							
	<b>Extent</b>	<b>Duration</b>	<b>Intensity</b>	<b>Status</b>	<b>Significance</b>	<b>Probability</b>	<b>Confidence</b>
<b>Without Mitigation/Enhancement</b>	M	L	M	Negative	M	M	H
<b>With Mitigation/Enhancement</b>	M	L	L	Negative	L	M	H

**Mitigation: Essential**

- The proponent should enter into an agreement with the local farmers in the area whereby damages to farm property etc. during the construction phase proven to be associated with the construction activities for the WEF will be compensated for. The agreement should be signed before the construction phase commences;
- The contractors appointed by the proponent should provide daily transport for low and semi-skilled workers to and from the site. This would reduce the potential risk of trespassing on the remainder of the farm and adjacent properties;
- The proponent should establish a Monitoring Forum that includes local farmers and develop a Code of Conduct for construction workers. This committee should be established prior to commencement of the construction phase. The Code of Conduct should be signed by the proponent and the contractors before the contractors move onto site;
- The proponent should hold contractors liable for compensating farmers in full for any stock losses and/or damage to farm infrastructure that can be linked to construction workers. This should be contained in the Code of Conduct to be signed between the proponent, the contractors and neighbouring landowners. The agreement should also cover losses and costs associated with fires caused by construction workers or construction related activities;
- The Environmental Management Programme (EMP) should outline procedures for managing and storing waste on site, specifically plastic waste that poses a threat to livestock if ingested;
- The contractors appointed by the proponent must ensure that all workers are informed at the outset of the construction phase of the conditions contained on the Code of Conduct, specifically consequences of stock theft and trespassing on adjacent farms.
- The contractors appointed by the proponent must ensure that construction workers who are found guilty of trespassing, stealing livestock and/or damaging farm infrastructure are dismissed and charged. This should be contained in the Code of Conduct. All dismissals must be in accordance with South African labour legislation;
- The housing of construction workers on the site should be strictly limited to security personnel.

4.8.1.6 *Assessment of No-Go option*

There is no impact as it maintains the current *status quo*.

4.8.1.7 *Increased risk of grass fires*

The presence of construction workers and construction-related activities on the site poses an increased risk of grass fires that could in turn pose a threat to livestock, crops, and farmsteads in the area. In the process, farm infrastructure may also be damaged or destroyed and human lives threatened. The issue of fire risks was raised by a number of the local farmers in the area. In this regard they pointed out that grazing is the main productive resource in the study area. For some operations it provides crucial seasonal grazing. As generally the case in arid areas, the study area veld is very vulnerable to disturbance, and takes decades to recover. The local farmers also indicated that grass fires resulted in

change in the composition of the veld, favouring the establishment of less palatable grazing. Given the very slow rate of succession, grass fires may therefore significantly diminish the grazing resource for a period of decades.

However, the local farmers did indicate that measures should be implemented to reduce the potential risk of fires developing. This included the provision of fire-fighting equipment on the site during the construction phase. They also indicated that the potential risk of grass fires was heightened by the windy conditions in the area, specifically during the dry, summer months from May to October.

<b>Nature: Potential loss of livestock, crops and houses, damage to farm infrastructure and threat to human life associated with increased incidence of grass fires.</b>							
	<b>Extent</b>	<b>Duration</b>	<b>Intensity</b>	<b>Status</b>	<b>Significance</b>	<b>Probability</b>	<b>Confidence</b>
<b>Without Mitigation/Enhancement</b>	M	L	M	Negative	M	M	H
<b>With Mitigation/Enhancement</b>	M	L	L	Negative	L	M	H

<b>Mitigation: Essential</b>
<ul style="list-style-type: none"> <li>The proponent should enter into an agreement with the local farmers in the area whereby damages to farm property etc. during the construction phase proven to be associated with the construction activities for the WEF will be compensated for. The agreement should be signed before the construction phase commences;</li> <li>Contractor should ensure that open fires on the site for cooking or heating are not allowed except in designated areas;</li> <li>The contractor should ensure that construction related activities that pose a potential fire risk, such as welding, are properly managed and are confined to areas where the risk of fires has been reduced. Measures to reduce the risk of fires include avoiding working in high wind conditions when the risk of fires is greater. In this regard special care should be taken during the high risk dry, windy winter months;</li> <li>The contractor should provide adequate firefighting equipment on-site;</li> <li>The contractor should provide fire-fighting training to selected construction staff;</li> <li>No construction staff, with the exception of security staff, to be accommodated on site over night;</li> <li>As per the conditions of the Code of Conduct, in the event of a fire proven to be caused by construction workers and or construction activities, the appointed contractors must compensate farmers for any damage caused to their farms. The contractor should also compensate the firefighting costs borne by farmers and local authorities.</li> </ul>

#### 4.8.1.8 Assessment of No-Go Option

There is no impact as the current *status quo* is maintained.

#### 4.8.1.9 Impacts associated with construction vehicles

The movement of heavy construction vehicles during the construction phase has the potential to damage local farm roads and create dust and safety impacts for other road users in the area and also impact on farming activities. The project components are likely to be transported to the site from Cape Town via the N1. The N1 provides the key link between the Western Cape and Gauteng and is an important commercial and tourist route. The transport of components to the site therefore has the potential to impact on other road users travelling along the N1. Measures will need to be taken to ensure that the potential impact on motorists using the N1 is minimised.

At a local, site specific level, the potential impacts associated with construction related traffic was identified as a key by a number of affected landowners.

<b>Nature: Potential dust and safety impacts and damage to road surfaces associated with movement of construction related traffic to and from the site.</b>							
	<b>Extent</b>	<b>Duration</b>	<b>Intensity</b>	<b>Status</b>	<b>Significance</b>	<b>Probability</b>	<b>Confidence</b>
<b>Without Mitigation/</b>	M	L	M	Negative	M	M	H

<b>Enhancement</b>							
<b>With Mitigation/ Enhancement</b>	M	L	L	Negative	L	M	H

**Mitigation: Essential**

- The final selection of access roads should be discussed with the affected landowners.
- The contractor must ensure that damage caused by construction related traffic to local public and internal farm roads is repaired on a regular basis throughout the construction phase. The costs associated with the repair must be borne by the contractor. The maintenance for roads is the responsibility of the local district roads authority. In many instances, the local district roads authority lack the resources to maintain the local road network. In addition, due to legal restrictions, it is not possible for the contractor to repair damage to public roads. This can result in damage to roads not being repaired before the construction phase is completed. This is an issue that should be addressed with the local district roads authority prior to the commencement of the construction phase;
- As far as possible, the transport of any large components to the site along the N1 should be planned to avoid weekends and holiday periods;
- Laydown and construction areas should be clearly defined. No vehicles or activities should be permitted outside of these areas;
- Movement of vehicles on the site must be confined to access roads. No vehicles should be allowed to drive into the veld;
- The contractor must ensure that all construction vehicles adhere to speed limits and vehicles used to transport sand and building materials must be fitted with tarpaulins or covers;
- All workers should receive training/ briefing on the reasons for and importance of closing farm gates and driving slowly;
- All vehicles must be road-worthy and drivers must be qualified and made aware of the potential road safety issues and need for strict speed limits;
- The Contractor should ensure that workers are informed that no waste can be thrown out of the windows while being transported to and from the site. Workers who throw waste out windows should be fined;
- The Contractor should be required to collect waste along the road reserve on a weekly basis;
- Waste generated during the construction phase should be transported to the local landfill site;
- EMP measures (and penalties) should be implemented to ensure farm gates are closed at all times;
- EMP measures (and penalties) should be implemented to ensure speed limits are adhered to at all times.

*4.8.1.10 Assessment of No-Go option*

There is no impact as the current *status quo* is maintained.

*4.8.1.11 Impacts associated with loss of farmland*

Grazing is the main productive resource in the study area. For some operations, it provides crucial seasonal grazing. As is generally the case in arid areas, the study area veld is vulnerable to disturbance, and takes decades to recover from disturbance. The key construction phase related issues are linked to the movement of heavy construction vehicles on the site, establishment of laydown areas, construction roads and trenching in cultivated areas. All of these activities would impact on productive land. The key concern is therefore to avoid or minimize such impacts on arable land. Key issues raised by farmers included:

- Loss of productive land due to internal access roads<sup>3</sup>;
- Loss of productive land due to pylons.

It would appear that the substation and transmission lines would be located on properties belonging to Mr Andries le Roux. These properties are used for seasonal grazing and are not currently inhabited. The properties are large and only accessible by 4x4. Mr le Roux has indicated that the portions proposed would not significantly affect the grazing resource.

<sup>3</sup> The findings of the agricultural assessment indicate that no high potential areas will be impacted.



<b>Nature: The activities associated with the construction phase, such as establishment of access roads and the construction camp, movement of heavy vehicles and preparation of foundations for the WEFs and power lines will damage farmlands and result in a loss of farmlands for grazing.</b>							
	<b>Extent</b>	<b>Duration</b>	<b>Intensity</b>	<b>Status</b>	<b>Significance</b>	<b>Probability</b>	<b>Confidence</b>
<b>Without Mitigation/ Enhancement</b>	M	L	L	Negative	L	M	H
<b>With Mitigation/ Enhancement</b>	M	L	L	Negative	L	M	H

**Mitigation: Essential**

- The location of access roads, laydown areas etc. should be informed by the findings of key specialist studies, including the soil and botanical studies;
- The location of access roads, laydown areas etc. should be discussed with the locally affected landowners in the finalisation process and inputs provided should be implemented in the layout as best as possible;
- The footprint areas for the pylons should be clearly demarcated prior to commencement of construction activities. All construction related activities should be confined to the demarcated area and minimised where possible. No vehicles or activities should be permitted outside of these areas;
- Movement of vehicles on the site must be confined to access road. No vehicles should be allowed to drive into the veld;
- An Environmental Control Officer (ECO) should be appointed to monitor the establishment phase of the construction phase;
- All areas disturbed by construction related activities, such as access roads on the site, construction platforms, workshop areas etc., should be rehabilitated at the end of the construction phase. The rehabilitation plan should be informed by input from a botanist with experience in arid regions;
- The implementation of a rehabilitation programme should be included in the terms of reference for the contractor/s appointed;
- The implementation of the Rehabilitation Programme should be monitored by the ECO;
- All workers should receive training/ briefing on the reasons for and importance of not driving in undesignated areas;
- EMP measures (and penalties) should be implemented to strictly limit all vehicle traffic to designated roads and construction areas. Under no circumstances should vehicles be allowed to drive into the veld;
- Disturbance footprints should be reduced to the minimum.

*4.8.1.12 Assessment of No-Go option*

There is no impact as the no go option maintains the current *status quo*.

**4.8.2 Assessment of Operation Phase**

All properties affected by the proposed west grid alignment would also be affected by the East grid alignment. In addition, the line would traverse all the site farms located to the west of the le Roux properties, i.e. all the farms comprising the East WEF, as well as Wilgerboom (Mr. Billie Myburgh).

The relevant area is not currently traversed by any Eskom lines, but is by an Eskom 66kV line. The proposed grid power line would traverse one public road, namely the Koornplaats-Komsberg gravel road. With the exception of Wilgerboom and Brinksfontein (both <1km), the proposed line is not located in meaningful proximity to any farmsteads.

Based on the findings of the SIA the social impacts associated with the transmission lines for the Komsberg East and West WEFs can be mitigated with careful route selection. The significance with careful route selection would be low negative.

<b>Nature: Potential visual impact and impact on sense of place associated with power lines.</b>							
	<b>Extent</b>	<b>Duration</b>	<b>Intensity</b>	<b>Status</b>	<b>Significance</b>	<b>Probability</b>	<b>Confidence</b>
<b>Without Mitigation/ Enhancement</b>	M	M	M	Negative	M	M	M

<b>With Mitigation/ Enhancement</b>	M	M	L	Negative	L	M	M
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**Mitigation: Essential**

- The recommendations of the VIA should be implemented.

4.8.2.1 Assessment of No-Go option

There is no impact as it maintains the current *status quo*.

**4.8.3 Assessment of Decommissioning Phase**

Typically, the major social impacts associated with the decommissioning phase are linked to the loss of jobs and associated income. This has implications for the households who are directly affected, the communities within which they live, and the relevant local authorities. This is likely to take place in the 20 - 25 years post commissioning. The decommissioning phase therefore has the potential to create additional, construction type jobs, as opposed to the job losses typically associated with decommissioning.

The number of people employed during the operational phase of a single 140 MW WEF will be in the region of 15-20. Given the relatively low number of people employed during the operational phase, the decommissioning of the facility is unlikely to have a significant negative social impact on the local community. The potential impacts associated with the decommissioning phase can also be effectively managed with the implementation of a retrenchment and downscaling programme.

<b>Nature: Social impacts associated with the decommissioning phase are linked to the loss of jobs and associated income.</b>							
	<b>Extent</b>	<b>Duration</b>	<b>Intensity</b>	<b>Status</b>	<b>Significance</b>	<b>Probability</b>	<b>Confidence</b>
<b>Without Mitigation/ Enhancement</b>	M	M	M	Negative	M	M	H
<b>With Mitigation/ Enhancement</b>	M	L	L	Negative	L	M	H

**Mitigation: Essential**

- The proponent should ensure that retrenchment packages are provided for all staff retrenched when the WEF is decommissioned;
- All structures and infrastructure associated with the proposed facility should be dismantled and transported off-site on decommissioning;
- All disturbed areas should be rehabilitated on decommissioning.
- The proponent should investigate the option of establishing an Environmental Rehabilitation Trust Fund to cover the costs of decommissioning and rehabilitation of disturbed areas. The Trust Fund should be funded by a percentage of the revenue generated from the sale of energy to the national grid over the 20 to 25 year operational life of the facility. The rationale for the establishment of a Rehabilitation Trust Fund is linked to the experiences in the mining sector in South Africa and their failure to allocate sufficient funds during operational phase to cover the costs of rehabilitation and closure. Alternatively, the funds from the sale of the transmission lines or towers as scrap metal should be allocated to the rehabilitation of the site.

**4.9 VISUAL**

Setbacks for grid connection infrastructure are indicated in the table below based on the Provincial Government of the Western Cape (PGWC) guidelines (2006), and on more recent guidelines developed by the authors of the VIA in conjunction with the CSIR (2014). (The buffers are nominal and subject to site-specific micro-siting and viewsheds).

**Table 4-2: Setbacks for Grid Connection Infrastructure.**

Landscape features/criteria	PGWC 2006 Guidelines	Recommended Guidelines (2014)
Project area boundary	-	270m (subject to turbine specification).
Ephemeral streams/ tributaries	-	250m (not considered of visual significance)
Perennial rivers, wetland features	500m	500m (the layout generally complies with this)
Major ridgelines, peaks and scarps	500m	As per visual informants map.
Local district gravel roads	500m	500m (the layout generally complies with this)
Scenic passes and poorts	Review if scenic	1 to 3km (can be less if outside the viewshed).
R354 arterial route	Review if scenic	1 to 3km (can be less if outside the viewshed).
Farmsteads (inside the project site)	400m (noise)	800m <sup>4</sup>
Farmsteads (outside the project site)	400m (noise)	2 to 4km (can be less if outside the viewshed).
Private nature reserves/ game farms/ guest farms/ resorts	500m	2 to 5km (can be less if outside the viewshed).
South African Large Telescope (SALT) near Sutherland	-	25km (can be less if outside the viewshed).

#### 4.9.1 Potential Visual Impacts

'Visual' in its broadest meaning includes visual, scenic, aesthetic and amenity values represented by the natural and the built environment, which can in totality be described as the area's 'sense of place'.

**Table 4-3: Potential Visual\* Impacts.**

Source	Pathway	Receptor
Proposed related infrastructure, incl. access roads, (particularly up steep slopes), substations and powerlines.	Visual effect of infrastructure on the rural landscape of the Karoo. Roads on steep slopes would require cut / fill embankments.	As above, both within the viewsheds of the WEF and the connecting grid powerlines.
Potential effect of construction activities of the proposed WEF.	Potential intrusion of heavy construction vehicles, cranes, stockpiling of materials, construction camps, and borrow pits, including dust and noise.	Residents, visitors and road users in proximity to the overall project area.

**Table 4-4: Visual Impact Significance without and with Mitigation.**

	Extent	Duration	Intensity	Status	Significance	Probability	Confidence
<b>Construction Phase</b>							
<b>Without Mitigation</b>	L	L	M-L	Negative	<b>Medium-low</b>	Probable	H
<b>With Mitigation</b>	L	L	M-L	Negative	<b>Medium-low</b>	Possible	M
<b>Operation Phase</b>							
<b>Without Mitigation</b>	L	H	M	Negative	<b>Medium</b>	Probable	H

<sup>4</sup> \*The general literature recommends 500m to 2km buffer between wind turbines and residential buildings.

<b>With Mitigation</b>	L	H	M	Negative	<b>Medium</b>	Possible	M
<b>Closure Phase (Decommissioning)</b>							
<b>Without Mitigation</b>	L	H	L	Neutral	<b>Low</b>	Probable	H
<b>With Mitigation</b>	L	H	L	Neutral	<b>Low</b>	Probable	H
<b>Can the impact be reversed?</b>	Yes. At decommissioning phase, assuming rehabilitation of the landscape.						
<b>Will impact cause irreplaceable loss of visual / scenic resources?</b>	Yes. During the construction and operational phases, during the life of the project, but could be largely reinstated after the decommissioning phase.						
<b>Can impact be avoided, managed or mitigated?</b>	The pylons are difficult to visually mitigate, but are not very tall. Minor mitigation is possible through micro-siting.						
<b>Mitigation measures</b>	<ul style="list-style-type: none"> <li>• Avoid visually sensitive skylines, such as peaks, scarp edges and other prominent elevations, as well as drainage courses, in the siting of powerlines.</li> <li>• Preferably locate the proposed powerline along the southern route alternative, which crosses fewer visually sensitive ridgelines than the northern route alternative.</li> <li>• Avoid slopes steeper than 1:5 gradient, where possible, these being highly sensitive.</li> <li>• Apply setbacks for pylons, similar but smaller than those for wind turbines (refer to <b>Table 4-2</b> above).</li> <li>• Locate internal connecting powerlines below ground where possible, particularly on visually exposed ridges (in areas of shallow bedrock, powerlines could be covered with overburden).</li> <li>• Locate powerline trenches ideally on the same alignment as access roads to minimise disturbance.</li> <li>• Rehabilitate disturbed areas with indigenous vegetation after construction.</li> </ul>						
<b>Can any residual risk be monitored / managed?</b>	Yes, through micro-siting and the EMPr.						
<b>Will this impact contribute to any cumulative impacts?</b>	Yes, the powerline would result in additional visual clutter in the local landscape setting, mainly following existing powerlines. Other existing powerlines run about 5km south of the project area. The potential cumulative visual impact could be <b>medium-high</b> .						

The operation of the proposed grid connection powerline between the proposed Komsberg East WEF and the existing main Komsberg substation would have a **medium** visual impact significance.

Micro-siting adjustments to the route alignment, avoiding peaks and other prominent topographic features could help to reduce the visual significance marginally.

The construction phase of the grid connection would be short-term (<2 years) and would therefore have a potentially lower visual significance rating.

## 5 CUMULATIVE IMPACTS

This Basic Assessment includes an assessment of the cumulative impacts associated with the proposed construction of the Komsberg East grid connection to the Komsberg Main Transmission Substation. Of the cumulative impacts raised by the specialists (describe above), none have been assessed to be of high significance.

The establishment of the grid connection which carries electricity to the national grid from a wind farm has the potential to result in positive cumulative socio-economic opportunities for the region, which, in turn, will result in a positive social benefit. Positive cumulative impacts include creation of employment, skills development and training opportunities, and downstream business opportunities. The significance of this impact is anticipated to be low positive.

A negative cumulative impact relates to the fact that a number of wind farm proposals and their associated grid connection power lines are proposed for the Komsberg area. There would be an impact on the sense of place of the area as a whole. A number of powerlines through the area could add to the visual clutter seen by an observer. As the infrastructure proposed is of a lightweight structure (cables and pylons) which are not easily visible in the landscape (if designed placed with consideration of the mitigation measures included in this report, including placement in areas of high visual absorption capacity), it is anticipated that the cumulative impact of powerlines in the area would have a medium-low significance.

## 6 CONCLUSION

All specialist studies with the exception of visual, have indicated that either of the alternatives proposed for the development of the 132kV power lines from the proposed Komsberg East WEF to the Eskom Main Transmission Sub-station would be acceptable from an environmental perspective. The visual specialist has stated that the southern option for the switching station and line routing is preferred. This would be subject to micro-siting.

No environmental fatal flaws have been identified through this Environmental Basic Assessment Process. Impacts are generally expected to be of low significance post implementation of the mitigation measures proposed, and thus it can be recommended that the project be constructed, should all mitigation measures be implemented by the applicant.

Consideration should be given to the fact that this application is dependent on the approval and construction of the proposed Komsberg East WEF. Should the latter not be approved, the likelihood of this proposal for the Komsberg East Grid Connection will no longer be feasible or necessary. The reason for the separation of the project components in terms of the EIA Process rests with the fact that the Environmental Authorisation for the proposed grid connection may become the property of Eskom, and would not be controlled during operation by the applicant. The DEA thus requests that the separation of applications occurs.

With reference to the information available at this planning stage of the project cycle, which has been assessed by the specialists, the confidence in this environmental assessment is considered acceptable.

## 7 METHODOLOGY

The Hacking's risk assessment methodology has been used for the ranking of the identified environmental impacts (Hacking, 2001b)<sup>5</sup>. The significance of environmental impacts is a function of the environmental aspects that are present and to be impacted on, the probability of an impact occurring and the consequence of such an impact occurring before and after implementation of proposed mitigation measures.

### a) Extent (spatial scale):

#### Ranking criteria

L	M	H
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<sup>5</sup> Hacking, T. (2001b) 'An Innovative Approach to Structuring Environmental Impact Assessment Reports - Part 2: Ranking the Significance of Environmental Aspects', Geotechnical News, 19(3), September 2001, pp.56-59.

Impact .. is localized within site boundary	Widespread impact beyond site boundary; Local	Impact widespread far beyond site boundary; Regional/national
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**b) Duration:**

**Ranking criteria**

<b>L</b>	<b>M</b>	<b>H</b>
Quickly reversible, less than project life, short term (0-5 years)	Reversible over time; medium term to life of project (5-15 years)	Long term; beyond closure; permanent; irreplaceable or irretrievable commitment of resources

**c) Intensity (severity):**

<b>Type of Criteria</b>	<b>Negative</b>			<b>Positive</b>		
	<b>H-</b>	<b>M-</b>	<b>L-</b>	<b>L+</b>	<b>M+</b>	<b>H+</b>
Qualitative	Substantial deterioration, death, illness or injury, loss of habitat/diversity or resource, severe alteration or disturbance of important processes.	Moderate deterioration, discomfort, Partial loss of habitat/biodiversity/resource or slight or alteration	Minor deterioration, nuisance or irritation, minor change in species/habitat/diversity or resource, no or very little quality deterioration.	Minor improvement, restoration, improved management	Moderate improvement, restoration, improved management, substitution	Substantial improvement, substitution
Quantitative	Measurable deterioration Recommended level will often be violated (e.g. pollution)	Measurable deterioration Recommended level will occasionally be violated	No measurable change; Recommended level will never be violated	No measurable change; Within or better than recommended level.	Measurable improvement	Measurable improvement

**d) Probability of occurrence:**

**Ranking criteria**

<b>L</b>	<b>M</b>	<b>H</b>
Unlikely; low likelihood; Seldom No known risk or vulnerability to natural or induced hazards.	Possible, distinct possibility, frequent Low to medium risk or vulnerability to natural or induced hazards.	Definite (regardless of prevention measures), highly likely, continuous High risk or vulnerability to natural or induced hazards.

**e) Status of the impact:**

Describe whether the impact is positive, negative or neutral for each parameter. The ranking criteria are described in negative terms. Where positive impacts are identified, use the opposite, positive descriptions for criteria.

Based on a synthesis of the information contained in (a) to (e) above, the specialist will be required to assess the significance of potential impacts in terms of the following criteria:

**f) Significance: (Duration X Extent X Intensity)**

<b>Intensity = L</b>
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<b>Duration</b>	<b>H</b>			
	<b>M</b>			<b>Medium</b>
	<b>L</b>	<b>Low</b>		
<b>Intensity = M</b>				
<b>Duration</b>	<b>H</b>			<b>High</b>
	<b>M</b>		<b>Medium</b>	
	<b>L</b>	<b>Low</b>		
<b>Intensity = H</b>				
<b>Duration</b>	<b>H</b>			
	<b>M</b>			<b>High</b>
	<b>L</b>	<b>Medium</b>		
		<b>L</b>	<b>M</b>	<b>H</b>
		<b>Extent</b>		

Positive impacts would be ranked in the same way as negative impacts, but result in high, medium or low positive consequence.

**g) Degree of confidence in predictions:**

State the degree of confidence in the predictions, based on the availability of information and specialist knowledge.

## **Appendix F: Details of EAP and expertise**

# CURRICULUM VITAE

*Ashlin Bodasing*

*Environmental Impact Assessment Practitioner*

*South Africa*



## Specialisms

- Environmental Impact Assessment (EIA)
- Environmental Management Systems (EMS)
- Environmental Permitting and Consents
- Environmental Auditing for Due Diligence and Compliance

## Summary of Experience

Ashlin Bodasing is the Team Leader at Arcus Consulting, located in Cape Town. Having obtained her Bachelor of Social Science Degree from the University of Kwa-Zulu Natal; she has over **9 years'** experience in the environmental consulting industry in southern Africa. She has gained extensive experience in the field of Integrated Environmental Management, environmental impact assessments and public participation through her former employment at Parsons Brinckerhoff and WSP Consulting in South Africa. She has also been actively involved in a number of industrial and infrastructural projects, including electricity power lines and substations; road and water infrastructure upgrades and the installation of telecommunication equipment and as well green field coal mines, as well as renewable energy facilities, both wind and solar. Ashlin has major project experience in the development of Environmental Impact Assessments, Environmental Management Plans and the monitoring of construction activities. Her areas of expertise include project management, environmental scoping and impact assessments, environmental management plans, environmental compliance monitoring and environmental feasibility studies. Experience also includes International Finance Corporation Performance Standards and World Bank Environmental Guidelines environmental reviews. She has worked in Mozambique, Namibia, Botswana, Lesotho and Zimbabwe.

## Professional History

**2015 - Present** – Team Leader, Arcus Consultancy Services Ltd, South Africa.  
**2007-2015** – Senior Environmental Consultant, Parsons Brinckerhoff (Pty) Ltd, South Africa.  
**2005-2007** – Environmental Consultant, WSP Environmental (Pty) Ltd, South Africa.

## Project Experience

### Environmental Scoping and Impact Assessments

- Ncondezi Energy – Mozambique: Construction of 1800MW Thermal Power Plant
  - **Assistant Project Manager / Client Liaison:** the project involved the proposed construction of a mine mouth fed thermal power plant, in the Tete Province of Mozambique. Responsible for compilation of the Environmental and Social Impact Assessment for the Thermal Power Plant, as well as review of Specialist studies, and environmental management plans, for the construction of the plant.
- Talbot Group Holdings – Revuboe Coal Mine, Mozambique
  - **Project Manager:** project involves the construction of a multi seam open cut mine in the Tete Province of Mozambique. Currently undertaking the compilation of the Environmental Scoping Report. Ongoing management of budgets, timeframes and sub-consultants.
- Talbot Group Holdings – Revuboe Rail Line, Mozambique
  - **Project Manager:** project involves the construction of a 20km rail line, for the transport of coal, in the Tete Province of Mozambique. Currently undertaking the scoping and EIA reports and public participation. Role involved the management of sub-consultants and client relationships as well as technical review and compilation of reports and specialist studies.

# CURRICULUM VITAE

- MCA – Lesotho: Semonkong ESIA and EMP for Rehabilitation and Extension Works in Lesotho
  - **Project Manager:** Worked together with the team leader on this project, which involves providing water supply infrastructure in Lesotho. Compiled the EMP for the rehabilitation and extension works, compiled the ESIA. Reviewed Specialist studies. Managed aspects of the project financed by the millennium challenge account, from financial aspects, budgeting and invoicing, management of sub-consultants.
- ArcelorMittal South Africa – Upgrade of the Metal Recovery Crushing and Screening Plant
  - **Project Manager:** the project involved the upgrade / relocation of the existing metal recovery crushing and screening plant at the Vanderbijlpark works, the management of sub-consultants and the facilitation of the public participation process. Produced the scoping report and the EIA report.
- Glencore (previously Xstrata Coal SA)– Tweefontein Optimisation Project
  - **Environmental Officer:** the construction of the internal and external infrastructure packages. Roles include ensuring all construction and development are in line with the EIA and EMP for the project. Areas of responsibility include the Mine Infrastructure Area, the Explosives Magazine Area, construction of a secondary school, construction of residential houses, and the rail load out facility. Role also included review of environmental impact assessment applications and reports submitted to the department for the project.

## Pre-Feasibility Studies

- eThekweni Electricity
  - **Project Manager:** Feasibility assessment of site alternative for the establishment of a wind farm within the eThekweni Municipality.
- Investec Wind Farm
  - **Environmental Project Manager:** Compiled environmental feasibility report for the feasibility of wind farms in the Northern and Western Cape.
- Sekoko Coal Resources
  - **Environmental Project Manager:** Compiled environmental feasibility report for a proposed coal fired power station in Limpopo Province.
- Mulilo
  - **Environmental Consultant:** Pre-feasibility and Feasibility – Musina Power Station Project – Environmental fatal flaws analysis for a 1000Mw coal fired power station in the Musina area.
- Sekoko Mining
  - **Environmental Project Manager:** Environmental input into the Prefeasibility study for the proposed Sekoko coal mine in Limpopo
- MCA-Lesotho
  - **Environmental Project Manager:** Mapoteng Fatal Flaws Analysis



ARCUS

## CURRICULUM VITAE

*Ashlin Bodasing*

*Environmental Impact Assessment Practitioner*

*South Africa*

### **Environmental Management Plans**

- BPC - Moropule B – Phokoje Substation and Transmission Line
  - Compiled the EMP for the proposed transmission line in Botswana
- ArcelorMittal South Africa Vanderbijlpark Works
  - Compiled the EMP for the Proposed Upgrade/Replacement of the MRCS plant and the rehabilitation of the South East Corner.
- MCA – Lesotho - Rehabilitation and Extension of Water Supply Infrastructure – Lesotho
  - Compiled of EMP for pre- construction, construction, post construction and operational phases, for various sites around Lesotho for water pipeline rehabilitation and extension works.
  - Compiled the Health and Safety plan for the rehabilitation and extension works

### **Environmental Site Assessments**

- IBM South Africa
  - Property screening and environmental site assessment (phase 1 environmental assessment prior to acquisition) in the Western Cape.

### **Environmental Reviews / Terms of Reference**

- Biotherm Energy
  - **Environmental Project Manager:** Independent review of environmental impact assessment reports and management plans compiled for 3 wind farms in the Western Cape and 2 PV Solar Plants in the Northern Cape, to ensure compliance to IFC and World Bank Standards.
- Government of Zimbabwe – Hwange Power Station
  - **Environmental Project Manager:** Compilation of the Terms of Reference for Environmental Management Plan and Environmental and Social Audit of the Hwange Power Plant in Zimbabwe.
- PB Africa - ISO14001
  - Compilation of ISO14001 procedures for PB Africa and in the implementation of procedures.

### **Previous Project Experience**

#### **Environmental Scoping and Impact Assessments and Project Management for:**

- eThekweni Municipality
- Moreland Developments
- RBCH – Bulk Materials and Handling Facility

# CURRICULUM VITAE

- SAPREF
- Mittal Steel Permit Amendment
- Transnet Projects

## **Environmental Management Plans and Compliance Monitoring**

- Nongoma Road Monitoring – Compliance Monitoring
- eThekweni Municipality - Taxi Holding Areas: Canberra Road and Umgeni Road
  - Compilation of the EMP; and
  - Bi-monthly compliance monitoring (site visits) and reporting.
- EMP for Kwezi V3 - Kwamashu Fuel Tank Exemption
- eThekweni Municipality - Ridgeview Road – Compliance Monitoring
- eThekweni Municipality and Merz and Mclellen - Phoenix Overhead Transmission Lines – Compliance Monitoring
- eThekweni Municipality and Merz and Mclellen - E8546 E8699 Compliance Monitoring
- eThekweni Municipality and Merz and Mclellen - Environmental Assessment and EMP
- EMP for eThekweni Municipality - Parlock Switching Station

## **Training and Auditing**

- Petronet Alien Plant Training
  - Compilation of the training material for alien plant identification and removal methods.
- eThekweni Municipality - Taxi Holding Areas – Canberra and Umgeni Road
  - Contactor and workforce training.
- eThekweni Municipality - Kingsway Road Taxi Rank
  - Contactor and workforce training.

## **Application for Exemptions**

- Telkom - Proposed replacement of old masts at Hibberdene Scottburgh and Port Shepstone
- eThekweni Transport Authority - Proposed Taxi Holding Areas Project
- eThekweni Municipality – Substation Exemptions (Dalton Road, Winkelspruit and Sukuma Substations)
- Kwezi V3 – Kwamashu Community Health Centre, Fuel Tank Exemption
- eThekweni Municipality - Umdloti Beach Substation
- eThekweni Municipality - Clermont and Newlands Substations



# CURRICULUM VITAE

*Emily Herschell*

*Environmental Assessment Practitioner*

*South Africa*



## Specialisation

- Environmental Impact Assessment (EIA)
- Environmental Management Systems (EMS)
- Environmental Permitting and Consents
- Strategic Environmental Assessment, Opportunities and Constraints Analyses and Environmental Feasibility Studies

## Summary of Experience

Emily Herschell is a Senior Environmental Consultant at Arcus Consulting, located in Cape Town. Emily has a BSc Honours in Environmental and Geographical Science from the University of Cape Town (2000) and a Master of Philosophy in City and Regional Planning from the University of Cape Town in (2001). She is a Member of the International Association of Impact Assessment (IAIA) and is registered as a Professional Natural Scientist (Environmental Scientist) with the South African Council of Natural Scientific Professions (SACNASP). She is also a Green Star South Africa Accredited Professional. Emily has over 13 years of experience working as an environmental assessment practitioner. She is a recognised Environmental Management Advisor and is able to provide comprehensive and strategic advice to public and private sector organisations, national and international companies on environmental management. Emily has wide experience of Environmental & Social Impact Assessment Reports, Environmental Management Plans (Demolition, Construction and Operation), Strategic Environmental Assessment Reports, Environmental Risk Assessments, Opportunities and Constraints Analyses and Feasibility Studies. Emily has training and experience in applying the principles of Integrated Environmental Management and in applying the Environmental Impact Assessment Regulations to development projects and initiatives in Southern Africa.

## Professional History

- 2015 – Present:** Arcus Consultancy Services Ltd, South Africa.  
**2013 – 2015:** Senior Environmental Scientist, WorelyParsons RSA (Pty) Ltd, South Africa.  
**2011 – 2013:** Environmental Assessment Practitioner, Doug Jeffery Consultants (Pty) Ltd, South Africa.  
**2002 – 2011:** Environmental Assessment Practitioner, Chand Environmental Consultants, South Africa

## Project Experience (selected projects)

- PetroSA - Environmental & Social Impact Assessment - Offshore Hydraulic Fracking of F-O Gas Field, Mossel Bay. Responsible for the planning and review of the Amendment EIA and for appointing and managing specialist consultants. Assessed the quality and technical detail of specialist reports and final Amendment Report. The scope of the impact assessment included all land-based, port, marine traffic and sub-sea hydraulic fracking processes.
- PetroSA - Environmental Risk Assessment of the Land-based Transportation of Fracking Fluids, Mossel Bay. On-site investigation and compilation of the land-based transport risks associated with the transportation of fracking fluids from three locations in Mossel Bay to the port.
- Drakenstein Municipality - Land Identification for a Regional Cemetery Site. Conducting a GIS mapping and detailed criteria analysis for the purpose of identifying a suitable site for a regional cemetery within the Drakenstein Municipal area.
- Drakenstein Municipality - Strategic Environmental Assessment for the Wellington Industrial Park for the Drakenstein Municipality. Investigating constraints and opportunities associated with the **development of Wellington's Industrial Park. Liaison with authorities, co-ordination** of specialist inputs, and contribution to the associated public participation process.
- MSP Developments (Pty) Ltd - Proposed Mixed-Use Development at Sitari, Somerset West. Project Manager for the Environmental Impact Assessment process.
- Passenger Rail Agency of South Africa - Cape Town Revitalisation Project 2030. Production of a Development Framework/Feasibility study, working with a multi-disciplinary team of specialists. Compilation of an Opportunities and Constraints Analysis and contribution towards the Sustainability Appraisal Framework. Participation in the stakeholder engagement process.
- Sun International, Ciskei Sun (Pty) Ltd and Mangaung Sun (Pty) Ltd. Project Manager of Environmental Impact Assessment for various developments throughout South Africa.
- City of Cape Town - Somerset Hospital: Proposed Development Plan. Conducting the Environmental Impact Assessment and associated public participation process as part of the multi-disciplinary Somerset Hospital Urban Renewal Consortium, so as to determine a Development Plan, which specified the highest and best usage for the Somerset Hospital property. Compilation of Scoping Report, Environmental Impact Report and Addendum Reports.

## **Appendix G: Declaration of Interest and EAP Affirmation**

ENVIRONMENTAL IMPACT ASSESSMENTS FOR THE PROPOSED KOMSBERG EAST AND WEST WIND ENERGY FACILITIES, WESTERN & NORTHERN CAPE PROVINCES AND FOR THE KOMSBERG EAST AND WEST GRID CONNECTIONS, WESTERN AND NORTHERN CAPE PROVINCES.



**environmental affairs**

Department:  
Environmental Affairs  
**REPUBLIC OF SOUTH AFRICA**


**DETAILS OF SPECIALIST AND DECLARATION OF INTEREST**

	(For official use only)
File Reference Number:	12/12/20/ or 12/9/11/L
NEAS Reference Number:	DEA/EIA
Date Received:	

Application for integrated environmental authorisation and waste management licence in terms of the-

- (1) National Environmental Management Act, 1998 (Act No. 107 of 1998), as amended and the Environmental Impact Assessment Regulations, 2014; and
- (2) National Environmental Management Act: Waste Act, 2008 (Act No. 59 of 2008) and Government Notice 921, 2013

**PROJECT TITLE**

ENVIRONMENTAL IMPACT ASSESSMENTS FOR THE PROPOSED KOMSBERG EAST AND WEST WIND ENERGY FACILITIES, WESTERN & NORTHERN CAPE PROVINCES AND FOR THE KOMSBERG EAST AND WEST GRID CONNECTIONS, WESTERN AND NORTHERN CAPE PROVINCES.

Specialist:		
Contact person:		
Postal address:		
Postal code:	Cell:	
Telephone:	Fax:	
E-mail:		
Professional affiliation(s) (if any)		

Project Consultant:	Arcus Consulting Services (Pty) Ltd	
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Postal address:	Office 211 Cubeworkspace Icon Building Cnr Long and Hans Strijdom Avene	
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ENVIRONMENTAL IMPACT ASSESSMENTS FOR THE PROPOSED KOMSBERG EAST AND WEST WIND ENERGY FACILITIES, WESTERN & NORTHERN CAPE PROVINCES AND FOR THE KOMSBERG EAST AND WEST GRID CONNECTIONS, WESTERN AND NORTHERN CAPE PROVINCES.

4.2 The specialist appointed in terms of the Regulations\_

We, [Ashlin Bodasing](#) and [Emily Herschell](#) declare that -- General

declaration:

I act as the independent specialist in this application;  
I will perform the work relating to the application in an objective manner, even if this results in views and findings that are not favourable to the applicant;  
I declare that there are no circumstances that may compromise my objectivity in performing such work;  
I have expertise in conducting the specialist report relevant to this application, including knowledge of the Act, Regulations and any guidelines that have relevance to the proposed activity;  
I will comply with the Act, Regulations and all other applicable legislation;  
I have no, and will not engage in, conflicting interests in the undertaking of the activity;  
I undertake to disclose to the applicant and the competent authority all material information in my possession that reasonably has or may have the potential of influencing - any decision to be taken with respect to the application by the competent authority; and - the objectivity of any report, plan or document to be prepared by myself for submission to the competent authority;  
all the particulars furnished by me in this form are true and correct; and  
I realise that a false declaration is an offence in terms of regulation 48 and is punishable in terms of section 24F of the Act.



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Signature of the specialist:

[Arcus Consulting Services \(Pty\) Ltd](#)

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Name of company (if applicable):

15/03/2016

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Date:



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**AFFIRMATION/COMMISSIONER OF OATHS**

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As per Appendix 2 (j) and (k) of the Environmental Impact Assessment Regulations 2014, this page serves as the following:

*"(j) an undertaking under oath or affirmation by the EAP in relation to-*

*(i) the correctness of the information provided in the report;*

*(ii) the inclusion of comments and inputs from stakeholders and interested and affected parties; and*

*(iii) any information provided by the EAP to interested and affected parties and any responses by the EAP to comments or inputs made by interested or affected parties;*

*(k) an undertaking under oath or affirmation by the EAP in relation to the level of agreement between the EAP and interested and affected parties on the plan of study for undertaking the environmental impact assessment;"*

The Environmental Assessment Practitioners (EAPs) affirm that the information as included in this report is correct on the assumption that the information from the applicant and specialists is correct, that all comments and inputs from stakeholders and interested and affected parties received within the prescribed comment periods have been included and responded to in this report. Thus far in the process, the EAPs and the I&APs are in agreement regarding the level of public participation undertaken.

**EAP Signature:**

**Date:** 16-03-2016

**Commissioner of Oaths Signature:**

**Date:**

16.03.2016

Paul Harker  
Commissioner of Oaths  
Practising Attorney SA  
ENSAfrica  
1 North Wharf Square  
Loop Street Cape Town 8001

