environmental affairs
Department:
Environmental Affairs
REPUBLIC OF SOUTH AFRICA

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DEA Reference: 14/12/16/3/3/2/730
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Dr Alan Carter
Coastal & Environmental Services
PO Box 8145
EAST LONDON
5210

Fax: 043 726 8352
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PER FACSIMILE / MAIL

Dear Dr Carter

ACKNOWLEDGEMENT OF RECEIPT AND ACCEPTANCE OF A NEW APPLICATION FOR ENVIRONMENTAL AUTHORISATION (SCOPING/EIA PROCESS) FOR THE PROPOSED UMSOBOMVU WIND ENERGY FACILITY WITHIN INXUBA YETHEMBA LOCAL MUNICIPALITY IN THE EASTERN CAPE PROVINCE AND UMSOBOMVU LOCAL MUNICIPALITY IN THE NORTHERN CAPE PROVINCE

The Department confirms having received the application form with proof of payment, proof of notification of land owners, project map, project schedule, Declaration of applicant and Declaration of EAP for environmental authorisation for the abovementioned project submitted by you on 27 June 2014. You have submitted these documents to comply with the Environmental Impact Assessment Regulations, 2010. The application is accepted.

In addition, please consider the following during compilation of reports for this application for environmental authorisation:

- Please be advised that in terms of the EIA Regulations and NEMA the investigation of alternatives is mandatory. Alternatives must therefore be identified, investigated to determine if they are feasible and reasonable. It is also mandatory to investigate and assess the option of not proceeding with the proposed activity (the "no-go" option).
- Should water, solid waste removal, effluent discharge, stormwater management and electricity services be provided by the municipality, you are requested to provide this office with written proof that the municipality has sufficient capacity to provide the necessary services to the proposed development. Confirmation of the availability of services from the service providers must be provided together with the reports to be submitted.
- In the reports to be submitted it must clearly be demonstrated in which way the proposed development will meet the requirements of sustainable development. You must also consider energy efficient technologies and water saving devices and technologies for the proposed development. This could include measures such as the recycling of waste, the use of low voltage or compact fluorescent lights instead of incandescent globes,

maximising the use of solar heating, the use of dual flush toilets and low-flow shower heads and taps, the management of storm water, the capture and use of rainwater from gutters and roofs, the use of locally indigenous vegetation during landscaping and the training of staff to implement good housekeeping techniques.

- A detailed and complete EMPr must be submitted with the EIR. This EMPr must not provide recommendations but must indicate actual remediation activities which will be binding on the applicant. Without this EMPr the documents will be regarded as not meeting the requirements and will be returned to the applicant for correction.
- The applicant/EAP is required to inform this Department in writing upon submission of any draft report, of the contact details of the relevant State Departments (that administer laws relating to a matter affecting the environment) to whom copies of the draft report were submitted for comment. Upon receipt of this confirmation, this Department will in accordance with Section 24O(2) & (3) of the National Environmental Management Act, 1998 (Act 107 of 1998) inform the relevant State Departments of the commencement date of the 40 day commenting period, or 60 days in the case of the Department of Water Affairs for waste management activities which also require a licence in terms of the National Water Act, 1998 (Act 36 of 1998).
- Should it be necessary to apply for a permit in terms of the National Heritage Resources Act, 1999 (Act 25 of 1999), please submit the necessary application to SAHRA or the relevant provincial heritage agency and submit proof thereof with the Environmental Impact Assessment Report. The relevant heritage agency should also be involved during the public participation process and have the opportunity to comment on all the reports to be submitted to this Department.

You are required to submit the final site layout plan together with the Final EIR to the Department. All available biodiversity information must be used in the finalisation of the layout plan.

The Environmental Management Programme (EMPr) submitted as part of the application for environmental authorisation must include the following:

- All recommendations and mitigation measures to be recorded in the Final EIR.
- A plant rescue and protection plan which allows for the maximum transplant of conservation important species from areas to be transformed. This plan must be compiled by a vegetation specialist familiar with the site in consultation with the ECO and be implemented prior to commencement of the construction phase.
- An open space management plan to be implemented during the construction and operation of the facility.
- A re-vegetation and habitat rehabilitation plan to be implemented during the construction and operation of the facility including timeframes for restoration which must indicate rehabilitation within the shortest possible time after completion of construction activities to reduce the amount of habitat converted at any one time and to speed up the recovery to natural habitats.
- An alien invasive management plan to be implemented during construction and operation of the facility. The plan must include mitigation measures to reduce the invasion of alien species and ensure that the continuous monitoring and removal of alien species is undertaken.
- A storm water management plan to be implemented during the construction and operation of the facility. The plan must ensure compliance with applicable regulations and prevent off-site migration of contaminated storm water or increased soil erosion. The plan must include the construction of appropriate design measures that allow surface and subsurface

movement of water along drainage lines so as not to impede natural surface and subsurface flows. Drainage measures must promote the dissipation of storm water run-off.

- An effective monitoring system to detect any leakage or spillage of all hazardous substances during their transportation, handling, use and storage. This must include precautionary measures to limit the possibility of oil and other toxic liquids from entering the soil or storm water systems.
- An erosion management plan for monitoring and rehabilitating erosion events associated with the facility. Appropriate erosion mitigation must form part of this plan to prevent and reduce the risk of any potential erosion.
- A traffic management plan for the site access roads to ensure that no hazards would results from the increased truck traffic and that traffic flow would not be adversely impacted. This plan must include measures to minimize impacts on local commuters e.g. limiting construction vehicles travelling on public roadways during the morning and late afternoon commute time and avoid using roads through densely populated built-up areas so as not to disturb existing retail and commercial operations.
- An environmental sensitivity map indicating environmental sensitive areas and features identified during the EIA process.
- Measures to protect hydrological features such as streams, rivers, pans, wetlands, dams and their catchments, and other environmental sensitive areas from construction impacts including the direct or indirect spillage of pollutants.

You are requested to submit two (2) electronic copies (the main report must be separated from the Appendices (each appendix saved separately) (CD/DVD) and two (2) hard copies of both the Draft and Final Report to the Department. The hard copies must be double-sided printed; double-punched and must be bound using a lever arch file (two or four holes).

The EAP must, in order to give effect to regulation 56 (2), before submitting the Environmental Impact Assessment Report to the Department give registered interested and affected parties access to, and an opportunity to comment on the report in writing.

In terms of regulation 67 of the EIA Regulations, 2010 this application will lapse if the applicant (or the EAP on behalf of the applicant) fails to comply with a requirement in terms of the Regulations for a period of six months after having submitted the application, unless the reasons for failure have been communicated to and accepted by this Department.

You are hereby reminded of Section 24F of the National Environmental Management Act, Act No 107 of 1998, as amended, that no activity may commence prior to an environmental authorisation being granted by the Department.

Yours sincerely

Mr Ishaam Abader
Deputy Director-General: Legal, Authorisation, Compliance and Enforcement
Department of Environmental Affairs:
Letter signed by: Ms Mmatlala Rabothata
Designation: Environmental Officer: Integrated Environmental Authorisations
Date: 11/07/14

CC:	Mr Louis Dewavrin	InnoWind (Pty) Ltd	Fax: 041 585 1325
	Mr Mncedisi Makosonke	EC Department of Economic Development, Environmental Affairs and Tourism	Fax: 045 838 3981
	Ms Tsholo Makaudi	NC Department of Nature Conservation and Environmental Affairs	Fax: 053 831 3530
	Mr Mzwandile Sydney Tantsi	Inxuba Yethemba Local Municipality	Fax: 048 881 1421
	Mr Amos Mpela	Umsobomvu Local Municipality	Fax: 051 753 0574

OMGEWINGSIMPAKBEPALING

Voorgestel Deur: **InnoWind (Pty) Ltd.**

Kontakbesonderhede vir kommentaar:

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EOH
Coastal &
Environmental Services

DOEL VAN HIERDIE DOKUMENT

Die doel van hierdie dokument is om te verseker dat **mense wat belangstel in**, of **geraak word deur die voorgestelde projek voorsien word van inligting oor die voorlegging, die proses wat gevolg word en dat hulle ook die geleenthid gebied word om betrokke te raak** by die Omgewingsimpakbepaling proses.

Deur te registreer as 'n **Belanghebbende en/of Geaffekteerde Party** (B&GP) word individue of groepe die **geleentheid gebied om 'n bydrae tot die projek te lewer deur voorstelle te maak, kwessies aan te spreek of bekommernisse oor die projek uit te spreek.** B&GP's het ook die **geleentheid om alle verslae te hersien en kommentaar daarop te lewer.** Alle kommentaar wat ontvang word, word ingesluit in die verslae wat aan die Bevoegde Owerheid voorgelê word.

DIE PROPONENT

InnoWind (Edms) Bpk is 'n Suid-Afrika gevestigde hernubare krag produseerder, wat kommersiële windkrag fasiliteite ontwikkel, finansier, bou, bedryf en onderhou. InnoWind is 'n filiaal van die Franse maatskappy EDF Energies Nouvelles, 'n markleier in groen elektrisiteit produksie. EDF EN se hooffokus is op Wind energie-opwekking met 'n portefeulje van 5525 MW geïnstalleerde kapasiteit wêreldwyd (http://www.edf-energies-nouvelles.com).

Figuur 1: Foto van die "Pacific Wind Farm" in Kalifornië, Amerika ('n EDF Fasiliteit).

OMGEWINGS IMPAK BEPALINGS PRAKTISYN

EOH Coastal and Environmental Services spesialiseer in impakstudies en omgewingsbestuur. Ons is in 1990 gestig en was betrokke as hoofkonsultante vir 'n groot minerale mynbou Omgewingsimpakbepaling (OIB) in Suid-Afrika, en sedert die voltooiing van die eerste OIB, het ons ons omvang van die werk uitgebrei om 'n wye verskeidenheid van die omgewing raadgewende dienste te verskaf vir beide openbare- en privaatsektor kliënte in Suid-Afrika, sowel as internasionaal. Dit sluit talle hernubare energie projekte in, vir beide die regering en die private sektor.

Omgewingsimpakbepaling in the hernubare-energie sektor is 'n uitdagende en dinamiese veld, met voortdurende uitbreiding van kundigheid rakende hernubare-energie-verwante impakte in die omgewing as ‘n heel vanuit ‘n Suid-Afrikaanse perspektief. Toepaslike omgewingsbestuur strategieë in hierdie sektor vereis dat 'n uitgebreide begrip van die unieke kwessies wat verband hou met hernubare-energie (bv. avifaua en vlermuise), asook baie van die groot impakte wat verband hou met hernubare-energie en die menslike omgewing (bv. geraas, kulturele erfenis en visuele impakte). Dus is die betrokkenheid van belanghebbendes en die plaaslike gemeenskap ‘n sleutel tot die suksesvolle voltooiing van sodanige hernubare energie projek studies. EOH het ook ondervinding om op te tree as omgewingsbeheer beampte vir die omgewingsbestuur van hernubare-energie projekte nadat magtiging verleen is deur die aangewese outoriteit. Dit sal van belang wees, veral soos die Hernubare-energie sektor meer ontwikkel en die bou van hierdie fasiliteite begin.

DIE OMGEWINGSIMPAKBEPALING PROSES

EOH is deur InnoWind (Edms) Bpk aangestel om die nodige ondersoeke vir die wind-energie fasiliteit te onderneem, en om aansoek te doen vir die goedkeuring van die Bevoegde Owerheid (Departement van Omgewingsake (DOS)), vir die konstruksie en bedryf van die wind energie fasiliteit, soos vereis deur Suid-Afrika se omgewingswetgewing.

TOEPASLIKE WETGEWING

Die Omgewingsimpakbepaling Regulasies (2010), afgekondig in terme van Artikel 24 (5) van Hoofstuk 5 van die Nasionale Wet op Omgewingsbestuur (NEMA) (Wet Nr 107 van 1998, soos gewysig), identifiseer aktiwiteite wat nie mag begin sonder 'n magtiging van die Bevoegde Owerheid, wat in hierdie geval die Departement van Omgewingsake (DOS-Nasionale) is. Om aansoek te doen vir die goedkeuring van die ontwikkeling, moet die assessering en kommunikasie van die potensiële impakte van die aktiwiteite die prosedure volg soos voorgeskryf in regulasies 26 tot 35 van Goewermentskennisgewing No K 543 van die OIE-regulasies.

Die voorgestelde projek is onderhewig aan 'n volle Omvangbepalingsfase asook ‘n Omgewingsimpakbepaling, in terme van die volgende gelyste aktiwiteite:

Table 1: Aktiwiteite in ooreenstemming met die Kennisgewing van die Regering

Aktiwiteit nommer	Gelyste aktiwiteit
GK R 544: 10 (i)	Elektrisiteit wat gegenereer word by die WEF terrein sal aan die naaste substasie via kraglyne oorgedra moet word. Alle kraglyne met 'n

	kapasiteit van meer as 33Kv vereis omgewingsmagtiging.
	Electricity generated at the WEF site will need to be transmitted to the nearest substation via power lines. All power lines with a capacity of more than 33kV require environmental authorisation.
GK R 544: 11 (xi)	Die konstruksie van infrastruktuur binne 32 meter van 'n waterloop. Dit is verwant aan die bou van toegangspaaie.
	The construction of infrastructure within 32 meters of a watercourse. This is related to construction of access roads.
GK R 544: 13	Die konstruksie van 'n bergingsfasiliteit vir petrochemiese-produkte vir die WEF. Dit hou verband met die stoor van diesel, transformator olie, ens. op terrein tydens konstruksie en bedryf.
	The construction of a storage facility for petrochemical products for the WEF. This relates to storage of diesel, transformer oil, etc. on site during construction and operation.
GK R 544: 18 (i)	Die storting of afsetting van materiaal in of uit 'n waterloop. Dit is verwant aan die bou van toegangspaaie, ens.
	The infilling or deposition of materials into or out of a watercourse. This is related to construction of access roads, etc.
GK R 545: 1	Konstruksie van maksimum 81 wind turbines met 'n totale uitset van 140 megawatt.
	Construction of up to 81 wind turbines with a total output of 140 megawatts.
GK R 545: 8	Die konstruksie van fasiliteite of infrastruktuur vir die transmissie en verspreiding van elektrisiteit met 'n kapasiteit van 275 kilovolt of meer, buite 'n stedelike gebied
	The construction of facilities or infrastructure for the transmission and distribution of electricity with a capacity of 275 kilovolts or more, outside an urban area
GK R 545: 15	Verandering van meer as 20 hektaar onontwikkelde grond.
	Alteration of more than 20 hectares of undeveloped land.
GK R 546: 4(a)ii (bb)	Die konstruksie van toegangspaaie sal benodig word vir die WEF ontwikkeling. Die WEF projek val binne 'n NPAES fokusarea: Karoo Platorand Gras (ID: 302).
	The construction of access roads will be required for the WEF development. The WEF project area falls within a NPAES focus area: Karoo Escarpment Grassland (ID: 302).
GK R 546: 13(b)	Die WEF ontwikkeling sal die verwydering van die plantegroei vir die bou van turbines benodig. Die WEF projek val binne 'n NPAES fokusarea: Karoo Platorand Gras (ID: 302).
	The WEF development will require the clearance of vegetation for the construction of turbines. The WEF project area falls within a NPAES focus area: Karoo Escarpment Grassland (ID: 302).
GK R 546 14 (a) i	Die WEF ontwikkeling sal die verwydering van die plantegroei vir die bou van turbines benodig.
	The WEF development will require the clearance of vegetation for the construction of turbines.
GK R. 546 16(iv) (a) ii (dd) (ff)	Konstruksie mag binne 32 m van ‘n waterloop plaasvind. Die WEF projek vind binne ‘n NPAES fokusarea: Karoo Platorand Gras (ID: 302).
	Construction may occur within 32 metres of a watercourse. The WEF project area falls within a NPAES focus area: Karoo Escarpment Grassland (ID: 302).
GK R 546: 19 (a) ii. (bb)	Huidige paaie kan moontlik verbreed moet word of verleng ten einde

	abnormale vrag voertuie gedurende die WEF ontwikkeling te akkommodeer. Die WEF projek val binne 'n NPAES fokusarea: Karoo Platorand Gras (ID: 302).
	Existing roads may have to be widened or lengthened in order to accommodate abnormal load vehicles during the WEF development. The WEF project area falls within a NPAES focus area: Karoo Escarpment Grassland (ID: 302).

BENADERING TOT HIERDIE OIB VERSLAG

Die OIB vir die voorgestelde projek is tans in die Omvangbepalingsfase. Hierdie fase dien hoofsaaklik om die publiek en die betrokke owerhede in te lig oor die voorgestelde projek en om enige impakte te bepaal. Hierdie impakte sal dan breedvoerig aangespreek word deur spesialiste in die veld tydens die OIB fase. Eers nadat die volle OIB verslag ingedien is, sal 'n besluit geneem word deur die betrokke owerhede.

OMVANGBEPALINGSFASE

Advertensie en Registrasie van B&GP
↓
Verspreiding van AID aan B&GP vir kommentaar — Ons is hier!
↓
Samestelling van B&GP kommentaar
↓
Oorsig van Konsep-Omvangbepalingverslag deur B&GP
↓
Openbare Vergadering
↓
Voorlegging van Omvangbepalingverslag aan die DOS
↓
Aanvaarding van Omvangbepalingverslag deur die DOS & Instruksie om voort te gaan met OIB Fase

DIE OMGEWINGSBEBAPLINGFASE

Hierdie fase is meer ingewikkeld en meer volledig as die Omvangbepalingsfase, want dit fokus op die uitvoering van 'n aantal spesialis studies wat tydens die Omvangbepalingsfase geïdentifiseer is. Hierdie studies voorsien deskundige insette in die OIB-proses, wat gebaseer is op wetenskaplike inligting. B&GP's sal weer gedurende hierdie fase geraadpleeg word, en sal 'n geleentheid gegee word om kommentaar te lewer op die Konsep Omgewingsimpakverslag (KOV), wat die spesialis verslae insluit. Tydens hierdie fase moet 'n Omgewingsbestuur Program ook voorberei word vir die projek.

Die finale Omgewingsimpakverslag word ingedien by die nasionale Departement van Omgewingsake (DOS), wat na oorweging van die verslag ‘n besluit sal neem oor die magtiging van die ontwikkeling.

Die magtiging van 'n ontwikkeling het 'n aantal wetlik bindende voorwaardes, wat vervat word in die Omgewingsmagtiging dokument. Hierdie dokument sal binne twee weke van ontvangs van die DOS aan alle geregistreerde B&GP gesirkuleer word.

PROJEK BESKRYWING

Innowind (Edms) Bpk stel voor die ontwikkeling van 'n wind energie fasiliteit (WEF) op die grens tussen die Noord Kaap en Oos Kaap. In die Noord Kaap, val die voorgestelde WEF binne die Umsobomvu Plaaslike Munisipaliteit in die Pixley ka Seme Distriksmunisipaliteit. En die Inxuba Yethemba Plaaslike Munisipaliteit en Chris Hani Distriksmunisipaliteit in die Oos-Kaap. Die windplaas ("wind farm") sal ongeveer tagtig (80) turbines huisves, met 'n potensiële kraglewering van honderd-en-veertig (140) megawatt (MW).

Table 2: Die plase wat betrokke is in die voorstel is op die meegaande kaart aangedui, en sluit in:

PLAAS NOMMER	
60/1	3/RE
133/RE	3/4
133/1	61/2
135/1	133/3
3/2	61/RE
3/3	61/6
3/7	61/4
3/8	120/RE
136/RE	135/RE

Die bogenoemde plase dek gesamentlik 'n totale area van 14 000 ha, maar die ontwikkeling voetspoor van die wind turbines en gepaardgaande infrastruktuur sal potensieel minder as 2% van die gebied dek. Die topografie van die area word gekenmerk deur golwende vlaktes en riviervalleie.

Die energie wat deur die WEF opgewek word, sal direk in 400kB kraglyne gevoer word vanaf 'n klein substasie op die terrein.

Ander infrastruktuur wat eie aan die voorgestelde WEF sal wees:

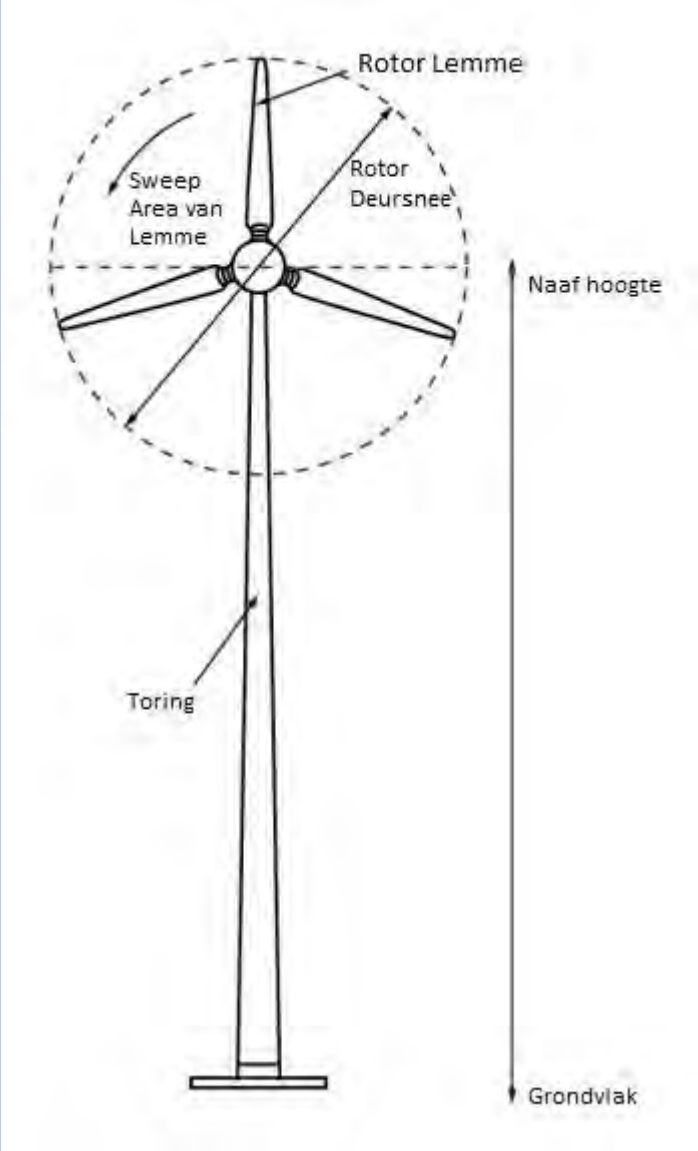
- Betonfondasies om die wind torings te ondersteun
- Interne toegangspaaie na elke turbine van ongeveer 6 meter wyd
- Ondergrondse kabels wat die turbines aan mekaar koppel asook aan die substasie
- 'n Gebou wat die beheer instrumentasie en interkonneksie-elemente huisves, sowel as 'n stoorkamer vir die berging van instandhouding toerusting
- 'n Substasie op die terrein om die interkonneksie tussen die WEF en Eskom netwerk te huisves

'n Wind energie fasiliteit, of wind plaas bestaan uit een of meer wind turbines. Die wind turbine bestaan uit 'n toring, 'n gondel en rotorlemme (sien diagram hieronder). Wanneer die wind waai, draai die rotorlemme en 'n kragopwekker skakel dan die windenergie oor na elektrisiteit. Die

energie wat geskep word, word beskou as hernubaar omrede dit ‘n nie-verbruikende benutting van 'n natuurlike hulpbron is.

Turbine modelle het verskillende uitset kapasiteite (bv. 1mW of 4MW turbine). Die belangrikste eienskappe wat verskil is die middelpunt van rotor hoogte (kan tussen 80-120 meter hoog wees) en rotor lem lengte (40-70 meter lank).

Die finale grootte van die wind turbines sal afhang van die tegniese bepalings van wind data wat op die perseel versamel word, met afmetings van ongeveer 137 naaf hoogte en 132 m rotor deursnee (Figuur 2).



Figuur 2. Tipiese wind turbine struktuur.

POTENSIALE IMPAKTE EN VOORDELE

Terrein-spesifieke assessering sal as deel van die OIB-proses onderneem word om die haalbaarheid van die voorstel in terme van die omgewing te bevestig, en enige areas van die

omgewing sensitiwiteit binne die studie area af te baken. Die presiese plasing van die wind turbines en die gepaardgaande infrastruktuur sal bevestig word na aanleiding van die resultate van die wind hulpbron opname, sowel as enige omgewing sensitiwiteit wat geïdentifiseer is tydens die OIB-proses.

Die volgende spesialis studies sal gedoen word op die voorgestelde perseel vir die windplaas, om enige potensiële impak te bepaal, positief en negatief, wat mag voortspruit uit die magtiging van die projek:

- **Erfenis / Argeologiese Impakstudie**
  - Moontlike impakte op die Suid-Afrikaanse erfenis, argeologiese en paleontologiese eienskappe sal geassesseer word
- **Ekologiese Impakstudie**
  - Die ligging van enige spesie van spesiale belang sal geïdentifiseer en aangeteken word ten einde die mitigasie en bestuursmaatreëls aan te beveel vir die projek
- **Avifauna (voëllewe) Impakstudie**
  - Die potensiale impakte op voëls, veral migrerende spesies, sal bepaal word deur middel van 'n 12 maande voël monitering program voordat daar met konstruksie begin word
- **Visuele Impakstudie**
  - Windplase het gewoonlik hoë sigbaarheid, hoofsaaklik agv die hoogte van die turbines. Gevolglik sal die visuele impak (met die klem op die aanvoeling van die plek) van die voorgestelde aanleg bepaal word
- **Geraas Impakstudie**
  - Die geraas impak assessering sal gedoen word in ooreenstemming met die Suid-Afrikaanse Nasionale Standaard (SANS) 10328 "Metodes vir die aanslag van die impak van omgewingsgeraas"
- **Vlermuis Impakstudie**
  - Die potensiële impakte op vlermuise sal bepaal word deur middel van 'n 12 maande vlermuis monitering program voordat daar met konstruksie begin word
- **Paleontologiese Impakstudie**
  - Die potensiële impakte op paleontologiese verskynsels sal beoordeel word
- **Landbou Impakstudie**
  - Moontlike impakte op landbou-hulpbronne sal bepaal word
- **Sosio-Ekonomiese Impak Assessering**
  - Die potensiële impakte en voordele op die sosio-ekonomiese aspekte sal bepaal word

POTENSIËLE VOORDELE VAN DIE ENERGIE FASILITEIT

Die Suid-Afrikaanse regering erken die land se hoë vlak van hernubare energie potensiaal en het tans ‘n doelwit van 17,8 GW van hernubare energie teen 2030 (wat hoofsaaklik bestaan uit die vervaardiging van wind-en sonkrag). Dit kom neer op ‘n ongeveer 42% aandeel in die nuwe kragopwekking kapasiteit wat aangebring sal word teen 2030.

Die voorgestelde projek is wenslik geag om die volgende redes: -

- **Elektrisiteitsvoorsiening**

Oor die laaste paar jaar is Suid-Afrika nadelig geraak deur onderbrekings in die voorsiening van elektrisiteit. Die skepping van 'n gedesentraliseerde kragopwekking fasiliteit (dws nie geleë in die tradisioneel gesentraliseerde krag-vervaardiging areas van die Republiek van Suid-Afrika) in die omgewing van die areas wat dit voorstel om te voorsien, sal 'n bykomende bron van energie vir die gebied beveilig, veral gedurende koue fronte en die winter seisoen, wanneer die verbruik en wind opbrengste hoer is. Verder sal die projek bydra om die nasionale energie-doelwit te bereik, soos dit voorgestel is deur die Departement van Energie (DvO) in hul 2010-Geïntegreerde Hulpbronplan. Dit stel voord dat ‘n aandeel van 42% van alle nuwe kragopwekking afkomstig moet wess van hernubare energie, wat geproduseer word deur onafhanklike kragverskaffers (IPP's) teen 2030.

- **Groen energie**

Groeiende kommer oor klimaatsverandering en die voortdurende ontginning van nie-hernieubare hulpbronne het gelei tot meer internasionale druk op lande om hul aandeel tot hernubare energie-opwekking te verhoog. Die Suid-Afrikaanse regering erken die land se hoë vlak van hernubare energie potensiaal en beoog om ‘n doelwit van 17,8 GW van hernubare energie kapasiteit teen 2030 haal.

Die voorgestelde hernubare energie fasiliteit is dus van nasionale belang in terme van ‘n bydrae tot elektrisiteit voorsiening en verlaagde afhanklikheid van fossielbrandstof energiebronne.

- **Klimaatsverandering**

Die elektrisiteit wat gegenereer word dmv wind plase sal van die fossielbrandstof energiebronne vervang. Verder sal die winplaas ‘n positiewe bydra lewer tot versagtende klimaats veranderinge regdeur die plaas se lewensduur.

- **Ander voordele**

Additionele voordele vir die plaaslike gemeenskap sluit in verskeie vorme van werkskepping en bydraes tot plaaslike sosio-ekonomiese en ekonomiese ontwikkelings programme.

HOE KAN U BETROKKE RAAK?

‘n Openbare Deelnameproses (ODP) word onderneem as deel van die OIB. Die doel van ‘n ODP is om almal wat belangstel in, of waarskynlik geraak sal word deur die voorgestelde ontwikkeling ‘n geleentheid te bied om insette te lewer in die proses.

Die openbare deelname proses sal die volgende insluit:

- Advertensie in die Middelburg Courant en die Noupoort Courant
- Kennisgewing borde op die terrein
- Die verspreiding van die AID (hierdie document) na alle B&GP en Belanghebbendes
- Gemeenskaps- en fokusgroepvergarderings
- Hersienning van alle verslae deur gerigistreerde B&GP’s

As jy jouself 'n belangstellende en/of geaffekteerde persoon/party beskou, is dit belangrik dat jy registreer as ‘n B&GP en betrokke raak en bly by die ODP. Om dit te kan doen, volg die stappe hieronder om te verseker dat jy voortdurend ingelig bly oor die projek ontwikkelinge en die geleentheid gebied word om insette te lewer rakend die kwessies en bekommernisse van die projek.

STAP 1: Registreer asseblief deur te reageer op ons kennisgewing en uitnodiging, met jou naam en kontakbesonderhede (besonderhede verskaf op voorblad en onder). As 'n geregistreerde B&GP sal jy ingelig word van alle vergaderings, verslag resensies en projek ontwikkelinge regdeur die OIB-proses.

STAP 2: Registreer deur die strokie aan die agterkant van hierdie dokument terug te stuur na EOH.

STAP 3: Woon vergaderings by wat gehou sal word regdeur die OIB-proses. As 'n geregistreerde B&GP sal u uitgenooi word na hierdie vergaderings.

EOH word vereis om betrokke te raak met al die private en openbare partye wat belangstel en/of geraak word deur die voorgestelde InnoWind WEF, om ten einde inligting vir die hersiening te versprei en kommentaar te lewer op 'n deursigtige wyse.

In dieselfde lig, is dit belangrik vir die B&GP om kennis te neem van die volgende:

1. Ten einde vir EOH om in kontak te bly met jou, **MAAK SEKER** dat jy op ons databasis registreer is deur die onderstaande persoon te kontak.

2. Siende dat die OIB-proses gereguleer word deur spesifieke oorsig en kommentaar tydraamwerke, is dit jou verantwoordelikheid om jou kommentaar te lewer binne hierdie tydsraamwerke.

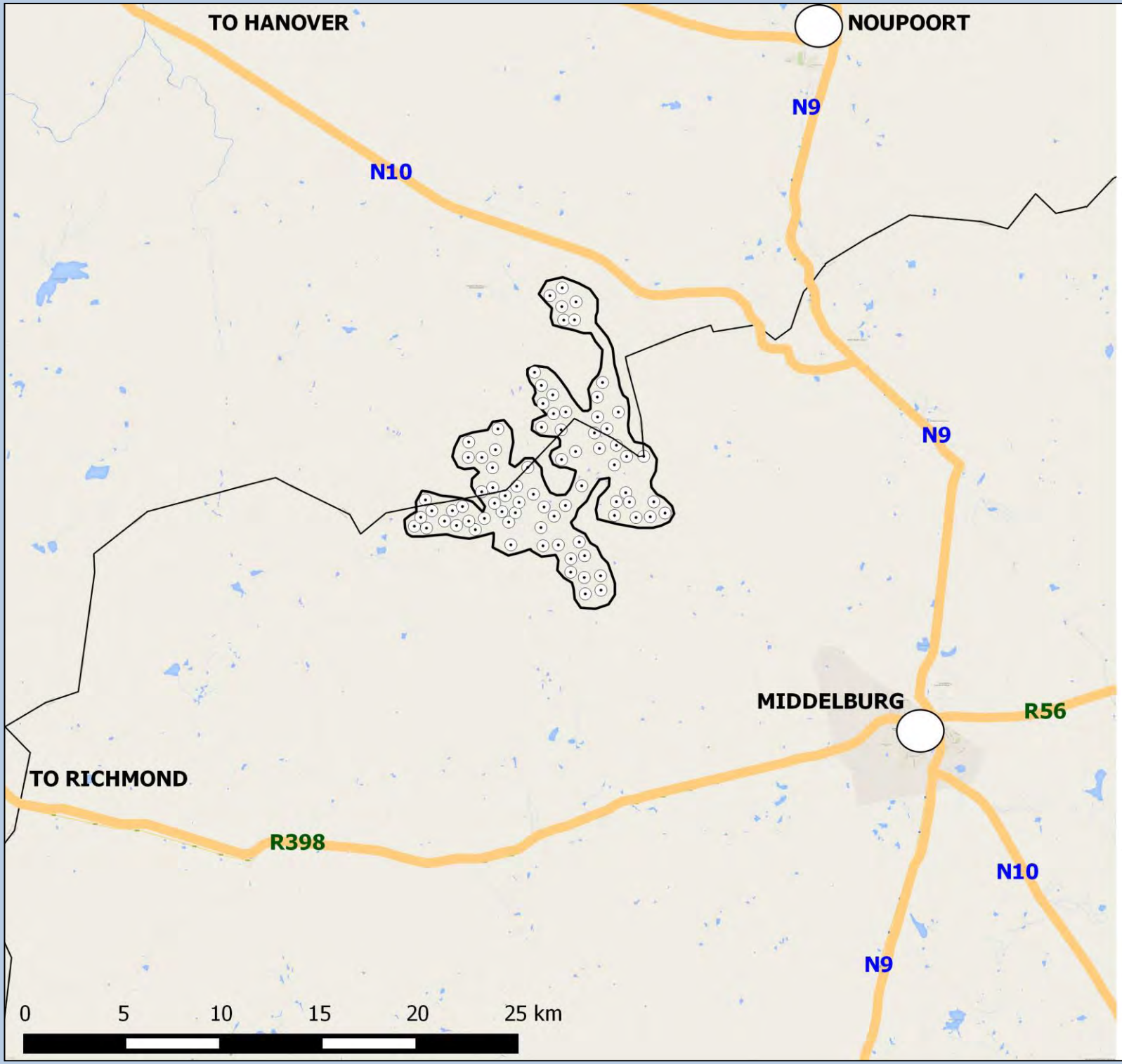
Stuur asseblief U navrae en/of kommentaar aan:

Caroline Evans
16 Tyrell Road
Berea
Oos London 5241
Posbus 8145
Nahoon, Oos London, 5210
Tel: (043) 726 7809/8313
Faks: (043) 726 8352
E-pos: c.evans@cesnet.co.za

HIERDIE DOKUMENT IS OOK IN ENGELS BESKIKBAAR

Umsobomvu Wind Energy Facility

LOCALITY MAP



Legend

- Roads
- Provincial Boundary
- WEF Layout
- WEF Outline

EOH
Coastal & Environmental Services

Hiermee doen ek aansoek om te registreer as 'n Belangstellende en Geaffekteerde Party (B & GP) vir die Umsobomvu WEF OIB-proses

Naam:

_____

Organisasie:

_____

Posadres:

_____

E-pos:

_____

Foon #: _____ Faks #:_____

My aanvanklike kommentaar, kwessies of bekommernisse is:

_____

_____

_____

_____

_____

_____

_____

Ander individue, belanghebbendes, organisasies of ondernemings wat geregistreer moet word, is:

Naam:

_____

Organisasie:

_____

Posadres:

_____

E-pos:

_____

Foon #: _____ Faks #: _____

Stuur asseblief besonderhede na: **Caroline Evans**: Posbus 8145, Nahoon, Oos London 5210

Telefoon: (043) 726 7809 Faks: (043) 726 8352 E-pos: c.evans@cesnet.co.za

ENVIRONMENTAL IMPACT ASSESSMENT

Proposed by: **InnoWind (Pty) Ltd.**

Return address for comments:

EOH Coastal & Environmental Services
Caroline Evans
16 Tyrell Road
Berea, East London
P.O Box 8145
Nahoon, East London, 5210
Tel: (043) 726 7809
Fax: (043) 726 8352
Email: c.evans@cesnet.co.za

EOH
Coastal &
Environmental Services

AIM OF THIS DOCUMENT

The purpose of this document is to ensure that **people that are interested in** or **affected by the proposed project** are **provided with information about the proposal, the process being followed** and **provided with an opportunity to be involved** in the EIA process.

Registering as an **Interested and/or Affected Party** (I&AP) allows individuals or groups the opportunity to **contribute ideas, issues, and concerns relating to the project**. I&APs also have an opportunity to **review all of the reports and submit their comments** on those reports. All of the comments that are received will be included in the reports that are submitted to the Competent Authority.

THE PROPONENT

InnoWind (Pty) Ltd, a South Africa based renewable energy generator that develops, finances, builds, operates and maintains commercial wind powered generation facilities. InnoWind is a subsidiary of the French company EDF Energies Nouvelles, a market leader in green electricity production. EDF EN's main focus is on Wind energy generation with a portfolio of 5525 MW of installed capacity worldwide (http://www.edf-energies-nouvelles.com).

Figure 1: Photograph of the Pacific Wind Farm in California (an EDF facility).

THE ENVIRONMENTAL ASSESSMENT PRACTITIONER

EOH COASTAL AND ENVIRONMENTAL SERVICES specialises in impact assessments and environmental management. We were established in 1990 due to our participation in a large-scale mineral mining Environmental Impact Assessment (EIA) in South Africa, as the lead consultants. Since the completion of this EIA, we have expanded our scope of work to provide a wide variety of environmental advisory services to both public and private-sector clients that are situated in South Africa as well as internationally. This includes numerous renewable energy (RE) projects for both the government and the private sector.

Environmental Impact Assessment in the RE sector is a challenging and dynamic field, with on-going improvements in the understanding of RE-related impacts on the broader environment from a South African perspective. Appropriate environmental management strategies in this sector require a sound understanding of the unique issues related to RE (e.g. avifauna and bats), and many of the major impacts associated with RE related to the human environment (e.g. noise, cultural heritage and visual impacts). Therefore, thorough stakeholder and local community engagement is key to the success of such RE project assessments. EOH also has experience in environmental control officer (ECO) duties for environmental management of RE projects post-authorisation. This is of great significance, especially during the construction phase of these facilities and as the RE sector is maturing.

THE ENVIRONMENTAL IMPACT ASSESSMENT PROCESS

EOH has been appointed by InnoWind (Pty) Ltd to undertake the necessary environmental investigations for the wind energy facility, to apply for approval from the Competent Authority (Department of Environmental Affairs (DEA)), and for the construction and operation of the wind energy facility, as required by South Africa's environmental legislation.

RELEVANT LEGISLATION

The Environmental Impact Assessment Regulations (2010), promulgated in terms of section 24(5) of Chapter 5 of the National Environmental Management Act (NEMA)(Act No 107 of 1998, as amended) identify activities which may not commence without the authorisation from the competent authority, who in this case is the Department of Environmental Affairs, (DEA- National). In order to apply for the authorisation of the development, the assessment and communication of potential impacts of the activities must follow the procedure as described in regulations 26 to 35 of Government Notice No. R 543 of the EIA Regulations.

The proposed project is subject to a full Scoping and Environmental Impact Assessment in terms of the following listed activities:

Table 1: Activities listed in accordance with the Government Notice

ACTIVITY NUMBER	LISTED ACTIVITY
GN R. 544: 10 (i)	Electricity generated at the WEF site will need to be transmitted to the nearest substation via power lines. All power lines with a capacity of more than 33kV require environmental authorisation.
GN R. 544: 11 (xi)	The construction of infrastructure within 32 meters of a watercourse. This is related to construction of access roads.
GN R. 544: 13	The construction of a storage facility for petrochemical products for the

	WEF. This relates to storage of diesel, transformer oil, etc. on site during construction and operation.
GN R. 544: 18 (i)	The infilling or deposition of materials into or out of a watercourse. This is related to construction of access roads, etc.
GN R. 545: 1	Construction of up to 81 wind turbines with a total output of 140 megawatts.
GN R. 545: 8	The construction of facilities or infrastructure for the transmission and distribution of electricity with a capacity of 275 kilovolts or more, outside an urban area
GN R. 545: 15	Alteration of more than 20 hectares of undeveloped land.
GN R. 546 4 (a) ii. (bb)	The construction of access roads will be required for the WEF development. The WEF project area falls within a NPAES focus area: Karoo Escarpment Grassland (ID: 302).
GN R. 546 13 (b)	The WEF development will require the clearance of vegetation for the construction of turbines. The WEF project area falls within a NPAES focus area: Karoo Escarpment Grassland (ID: 302).
GN R. 546 14 (a) i.	The WEF development will require the clearance of vegetation for the construction of turbines.
GN R. 546 16 (iv) (a) ii. (bb)	Construction may occur within 32 metres of a watercourse. The WEF project area falls within a NPAES focus area: Karoo Escarpment Grassland (ID: 302).
GN R. 546 19 (a) ii. (bb)	Existing roads may have to be widened or lengthened in order to accommodate abnormal load vehicles during the WEF development. The WEF project area falls within a NPAES focus area: Karoo Escarpment Grassland (ID: 302).

APPROACH TO THE SCOPING AND EIA REPORTS

The EIA for the proposed project is currently in the SCOPING phase. This phase primarily serves to inform the public and relevant authorities about the proposed project and to determine the possible impacts. These impacts will then be extensively addressed, by specialists in the specific fields, during the environmental impact assessment (EIA) phase. A decision will only be made, by the relevant authorities, once the full EIA report has been submitted.

SCOPING PROCESS

Advertisement & Registration of I&APs

↓

Distribution of BID Document to I&APs for comment ← **We are here!**

↓

Compilation of I&AP comments

↓

Review of Draft Scoping Report by I&APs

↓

Public Meeting

↓

Submission of Scoping Report to DEA

↓

Acceptance of Scoping Report by DEA & Instruction to proceed to EIA Phase

THE ENVIRONMENTAL IMPACT ASSESSMENT PHASE

This phase is more complex and more detailed than the Scoping phase, because it focuses on undertaking a number of specialist studies that have been identified during the Scoping phase. These studies provide expert input into the EIA process based on scientific information. I&APs will be consulted again during this phase, and they will be given an opportunity to comment on the Draft Environmental Impact Report (EIR) that will contain feedback from the specialists. During this phase, an Environmental Management Programme will also be prepared for the project.

The final EIR is submitted to the national Department of Environment Affairs (DEA) who, after considering the report, will make a decision on whether or not to authorise the development. The authorisation of a development carries a number of legally binding conditions, which will be contained in the Environmental Authorisation document. This document will be circulated to all registered I&APs within two weeks of receipt from the DEA.

PROJECT DESCRIPTION

InnoWind (Pty) Ltd proposes the development of a wind energy facility (WEF) on the border between the Northern Cape and Eastern Cape Provinces. In the Northern Cape, the proposed WEF falls within the Umsobomvu Local Municipality, in the Pixley ka Seme District Municipality, as well as in the Inxuba Yethemba Local Municipality and Chris Hani District Municipality in the Eastern Cape. The wind farm will host approximately eighty (80) turbines, with a potential power output of one hundred and forty (140) megawatts (MW).

Table 2: The farms involved in the proposal are indicated on the attached map, and include:

FARM NUMBER	
60/1	3/RE
133/RE	3/4
133/1	61/2
135/1	133/3
3/2	61/RE
3/3	61/6
3/7	61/4
3/8	120/RE
136/RE	135/RE

The above farms collectively total over 14 000 ha of land, but the development footprint of the wind turbines and associated infrastructure will potentially occupy less than 2% of this area. Topographically, the area is characterised by undulating plains and river valleys.

The energy generated by the WEF will be fed directly into 400kV power lines, from a small on site substation.

Other infrastructure associated with the proposed WEF will be:

- Concrete foundations to support the wind towers
- Approximately 6 meter wide internal access roads to each turbine
- Underground cables connecting each turbine to the other and to the mini substation

- A building to house the control instrumentation and interconnection elements, as well as a storeroom for maintenance equipment
- An onsite mini substation to facilitate interconnection of the WEF with the Eskom grid

A wind energy facility, or wind farm consists of one or more wind turbines. The wind turbine is made up of a tower, a nacelle and rotor blades (see diagram below). When the wind blows, the rotor blades rotate. The generator then converts the movement into electricity, which can then be transmitted for use. The energy created is considered renewable as it is a non-consumptive use of a natural resource.

Turbine models have different output capacity (e.g. 1MW or 4MW turbine). The main features that differ is the hub height (can be between 80-120 metres high) and rotor blade length (40-70 metres long).

The ultimate size of the wind turbines will depend on technical assessments of the wind data gathered on site, with dimensions of up to approximately 137m hub height and 132m rotor diameter (Figure 2).

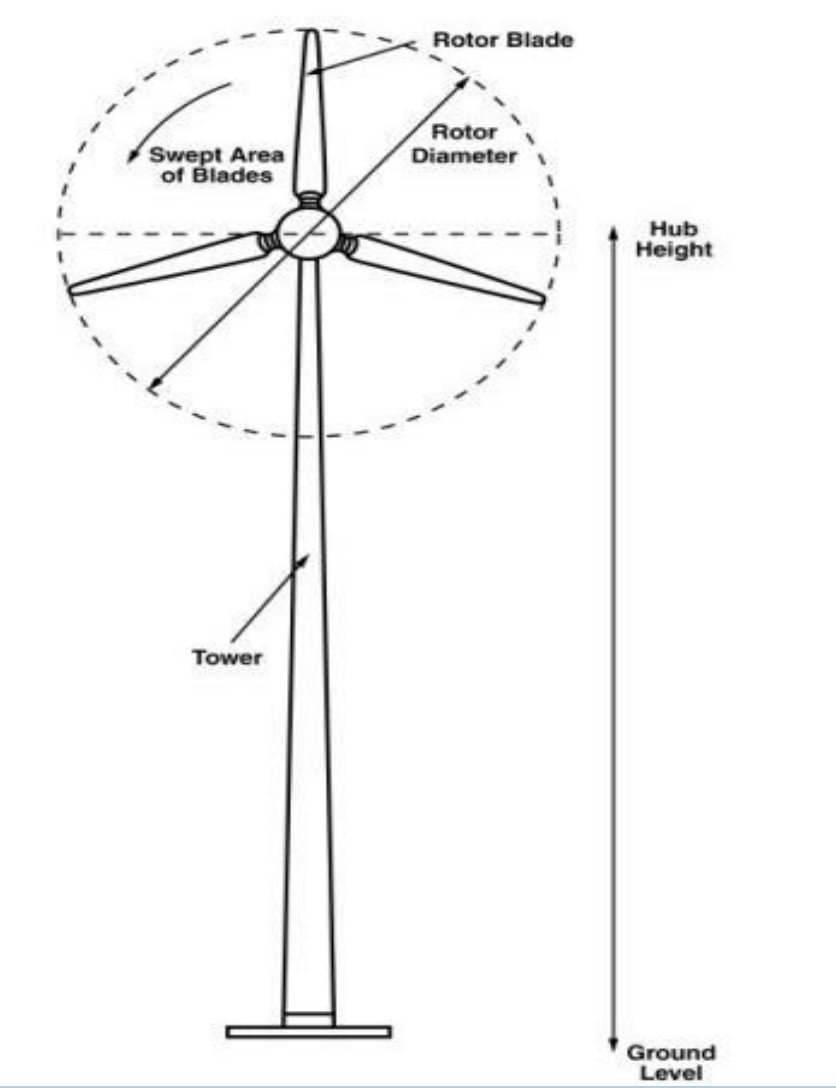


Figure 2: Typical wind turbine structure

POTENTIAL IMPACTS AND BENEFITS

Site-specific assessments will be undertaken as part of the EIA process in order to confirm the feasibility of the proposal in terms of the environment, and to delineate any areas of environmental sensitivity within the study area. The exact positioning of the wind turbines and the associated infrastructure will be further informed by the results of the wind resource monitoring as well as the environmental sensitivity identified through the EIA process.

The following specialist studies will be conducted within the proposed wind farm site, to ascertain any potential impacts, positive and negative, that may occur as a result of the potential authorization of the project:

- **Heritage/Archaeological Impact Assessment**
  - Potential impacts on South African heritage, archaeological and palaeontological features will be assessed.
- **Ecological Impact Assessment**
  - The location of any species of special concern will be identified, and the location noted in order to inform the mitigation and management measures recommended for the project.
- **Avifaunal Impact Assessment**
  - Potential impacts on birds, particularly migratory species, will be assessed in the form of a 12 month pre-construction bird monitoring programme.
- **Visual Impact Assessment**
  - A wind farm will normally have a high visibility due mainly to the height of the turbines. Accordingly, the visual impacts (with emphasis on the sense of place) of the proposed facility will be assessed.
- **Noise Impact Assessment**
  - The noise impact assessment will be conducted in accordance with the South African National Standard (SANS) 10328 “Methods for environmental noise impact assessments”.
- **Bat Impact Assessment**
  - Potential impacts on bats will be assessed in the form of a 12 month pre-construction bat monitoring programme.
- **Paleontological Impact Assessment**
  - Potential impacts on paleontological features will be assessed.
- **Agricultural Impact Assessment**
  - Potential impacts on the agricultural resources will be assessed.
- **Socio-economic Impact Assessment**
  - The potential impacts and benefits on the socio-economic aspects will be assessed.

POTENTIAL BENEFITS OF THE ENERGY FACILITY

The South African Government has recognised the country’s high level of renewable energy potential and presently has in place targets of 17.8 GW of renewable energy by 2030 (to be produced mainly from wind and solar). This amounts to ~42% share of the new electricity generation capacity to be brought online by 2030.

The proposed project is deemed desirable for the following reasons:

- **Electricity supply**

Over the last few years, South Africa has been adversely impacted by interruptions in the supply of electricity. The creation of a 'decentralized' power generation facility (i.e. not located in the traditionally centralized power producing regions of the Republic of South Africa) in the vicinity of the loads it proposes to supply, will secure a supplementary energy source for the area, especially during cold fronts and during the winter season when consumption is higher and wind yields are higher. Moreover, the project will contribute towards meeting the national energy target as set by the Department of Energy (DoE) in its 2010 Integrated Resource Plan, of a 42% share of all new power generation being derived from Renewable Energy produced by independent power producers (IPPs) by 2030.

- **Green energy**

Growing concerns such as climate change and the on-going exploitation of non-renewable resources have prompted increased international pressure on countries to increase their share of renewable energy generation. The South African government has recognized the country's high level of renewable energy potential and has placed targets of 17.8 GW of renewable energy capacity on line by 2030. The proposed renewable energy facility is therefore considered to be of national importance in anticipation of its contribution to electricity supply and reduced reliance on fossil energy sources.

- **Climate change**

The electricity generated by the wind farm will displace some fossil fuel based forms of electricity generation. Throughout its life span, the wind farm is expected to contribute positively towards climate change mitigation.

- **Other benefits**

Further benefits to the local community may include various forms of job creation and contributions to local socio-economic and economic development programmes.

HOW CAN YOU BE INVOLVED?

A Public Participation Process (PPP) is being conducted as part of the EIA. The aim of the PPP is to allow everyone who is interested in, or likely to be affected by, the proposed development to provide input into the process.

The Public Participation Process will include:

- Advertisements in The Herald, Die Burger, Middelburg Courant & The Advertiser
- Notice Boards on site;
- Circulation of the BID (this document) to all I&APs and stakeholders
- Community and focus group meetings;
- Review of all reports by registered I&APs and stakeholders.

If you consider yourself an interested and/or affected person/party, it is important that you become and remain involved in the PPP. In order to do so please follow the steps below in order to ensure that you are continually informed of the project developments and will ensure your opportunity to raise issues and concerns pertaining to the project.

STEP 1: Please **register** by responding to our notification and invitation, with your name and contact details (details provided on cover page and below). As a registered I&AP you will be informed of all meetings, report reviews and project developments throughout the EIA process.

STEP 2: Register by returning the slip at the back of this document to EOH

STEP 3: Attend meetings that will be held throughout the EIA process. As a registered I&AP, you will be invited to these meetings.

EOH is required to engage with all private and public parties that may be interested and/or affected by the proposed InnoWind WEF, in order to distribute information for review and comment in a transparent manner.

In the same light, it is important for I&APs to note the following:

1. In order for EOH to continue engaging with you, please **ENSURE** that you register on our database by contacting the person below
2. As the EIA process is regulated by specific review and comment timeframes, it is your responsibility to submit your comments within these timeframes.

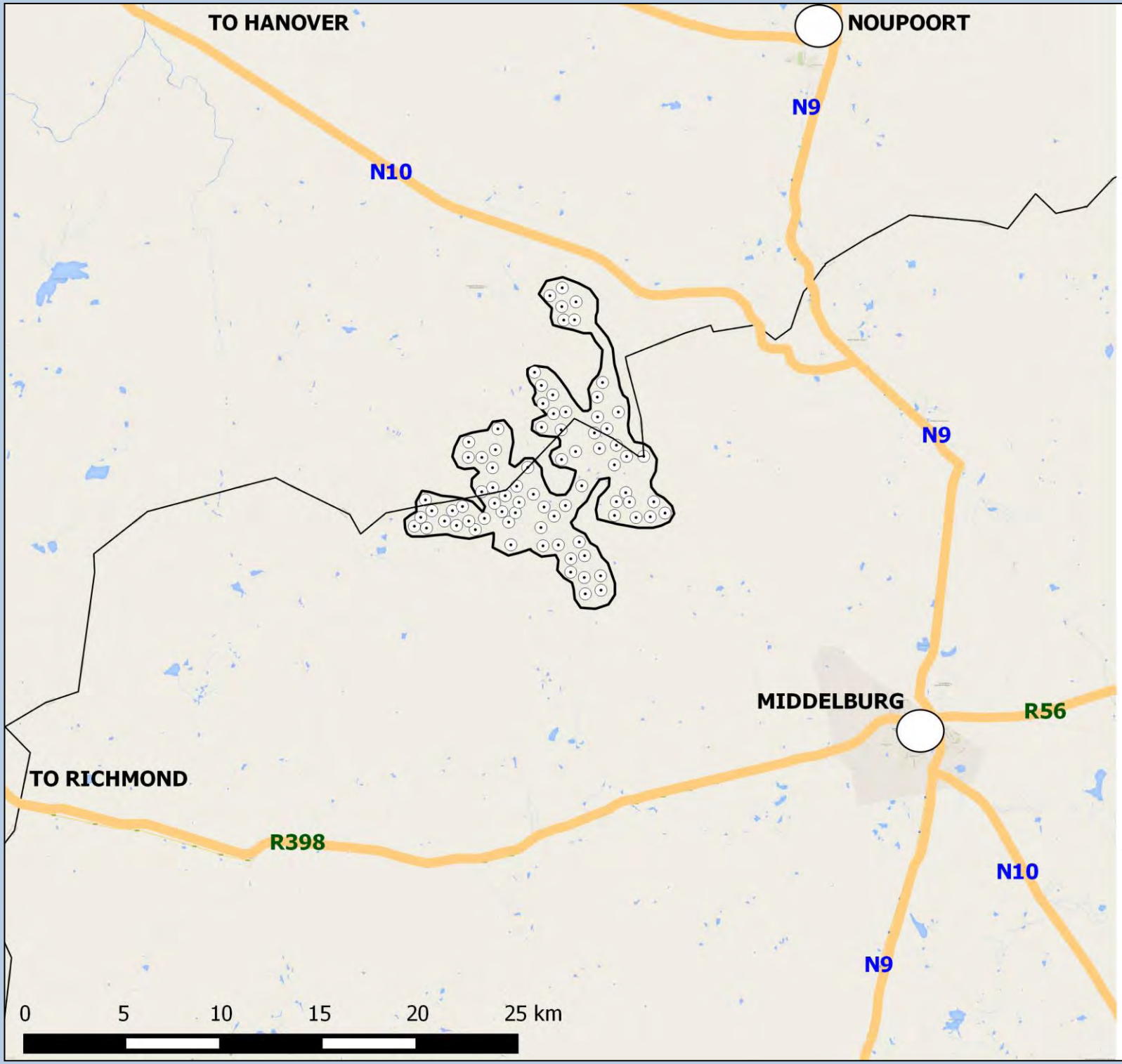
Please send your enquiries and/or comments to:

Caroline Evans
16 Tyrell Road
Berea
East London 5241
P.O Box 8145
Nahoon, East London, 5210
Tel: (043) 726 7809/8313
Fax: (043) 726 8352
Email: c.evans@cesnet.co.za

THIS DOCUMENT IS ALSO AVAILABLE IN AFRIKAANS

Umsobomvu Wind Energy Facility

LOCALITY MAP



Legend

- Roads
- Provincial Boundary
- WEF Layout
- WEF Outline

EOH
Coastal & Environmental Services

I hereby wish to register as an Interested and Affected Party (I&AP) for the Umsobomvu Wind Energy Facility EIA process

Name:

_____

Organization:

_____

Postal address:

_____

Email:

_____

Phone #: _____ Fax #:_____

My initial comments, issues or concerns are:

_____

_____

_____

_____

_____

_____

I would like to receive all future correspondence in: (please circle)

ENGLISH / AFRIKAANS

Other individuals, stakeholders, organisations or entities that should be registered are:

Name:

_____

Organization:

_____

Postal address:

_____

Email:

_____

Phone #: _____ Fax #: _____

Please return details to: **Caroline Evans**: P.O. Box 8145, Nahoon, East London, 5210

Telephone: (043) 726 7809 Fax: (043) 726 8352 Email: c.evans@cesnet.co.za

Coastal & Environmental Services

Dear Landowners,

NOTICE: PROPOSED UMSOBOMVU WIND ENERGY FACILITY

We would like to take this opportunity to introduce ourselves: CES has been appointed by InnoWind (Pty) Ltd to undertake the Environmental Impact Assessment for the InnoWind Umsobomvu Wind Energy Facility (WEF).

As the appointed independent environmental assessment practitioners (EAP), it is up to us to ensure that all relevant information is collected and presented to the Department of Environmental Affairs in such a way that they are able to make an informed decision as to whether or not to authorise the construction and operation of the WEF.

As a landowner, you are the one with the most detailed and intimate knowledge of your land and it is thus very important for us, as the EAP, to maintain an open and inclusive channel of communication with you. Not being nearly as familiar with your land as you are, we rely on you to provide us with any additional information regarding the environment, e.g. wetlands that may not be immediately apparent, or breeding sites for migratory bird species, etc.

Public Participation: A critical element of the Environmental Impact Assessment is the Public Participation. The objective is to contact, notify and inform as many members of the community, who may be interested and/or affected by the proposed Wind Energy Facility, as possible so that any such party may fully participate in, interact with and inform the EIA process. As a matter of course, we will notify all landowners directly adjoining your land

It would be greatly appreciated if you would provide us with the contact details of any other person(s) you are aware of, that would be interested in or affected by this development.

Also attached to this email is a Background Information Document. This document covers the basics regarding the EIA process, and has a small amount of information regarding the WEF itself. Please feel free to circulate this to any persons you feel would be interested in the process. If there are areas that you would like clarity on, please do not hesitate to contact me at the details below.

We look forward to hearing from you.

Coastal and Environmental Services (Pty) Ltd

tel: +27 43 726 7809 **| Fax**: +27 43 726 8352

16 Tyrell Street Berea, East London 5214

Coastal & Environmental Services

Kind regards,

Caroline Evans
c.evans@cesnet.co.za

Caroline Evans
Environmental Consultant
EOH Coastal & Environmental Services

tel: +27 (43) 726 7809 | **fax:** +27 (43) 726 8352 | **cell:** +27 (72) 538 2432
caroline.evans@eoh.co.za | www.eoh.co.za | www.cesnet.co.za

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Coastal & Environmental Services

Geagte Grondeienaars,

KENNISGEWING: VOORGESTELDE UMSOBOMVU WIND ENERGIE FASILITEIT

Ons wil graag van hierdie geleentheid gebruik maak om onsself aan u voor te stel: EOH is aangestel, deur InnoWind (Edms) Bpk, om ‘n Omgewingsimpakstudie te onderneem vir die voorgestelde InnoWind Umsobomvu Wind Energie Fasiliteit (WEF).

As die aangestelde onafhanklike omgewingsinvloedbepaling praktisyns (OBP), is dit ons verantwoorlikheid om te verseker dat al die relevante inligting versamel en voorgestel word aan die Departement van Omgewingsake (DOS), in so ‘n manier dat die DOS in staat sal wees om ‘n ingeligte besluit te neem oor die magtiging van die konstruksie en bedryf van die WEF.

As 'n grondeienaar, het u die mees gedetailleerde en intieme kennis oor u grond en dit is dus baie belangrik vir ons as die OBP, om ‘n oop en insluitende kanaal van kommunikasie met u te onderhou. Ons maak staat op u om ons te voorsien van enige verdere inligting wat verband mag hou met die omgewing, soos byvoorbeeld, vleilande wat dalk nie onmiddellik sigbaar is nie, of broeiplekke vir trekvoëls, ens.

Openbare Deelname: 'n Kritiese element van die Omgewingsimpakbepaling is die Openbare Deelname (OD) proses. Die doel van die proses is om soveel gemeenskapslede as moontlik, wat geinteresseerd of geaffekteer word deur die voorgestelde projek, te kontak en in kennis te stel van die voorgestelde WEF; sodat u kan bydra tot die OIB proses, dmv interaksie en deelname. As deel van die ODP proses sal ons ook alle aangrensende grondeienaars in kennis stel.

<u>Dit sal opreg waardeer word as u ons kan voorsien met kontakbesonderhede van enige persone, waarvan u bewus is, wat geintereseerd en/of geaffekteer sal word deur hierdie voorgestelde ontwikkeling.</u>

Sien aangehegde Agtergrond Informasie Dokument (AID). Hierdie dokument dek alle basiese ingligting gaande die OIB proses, en het informasie oor die voorgestelde WEF self. Voel asseblief gerus om hierdie dokument te sirkuleer en aan te stuur na enige persoon/persone wat u voel sal belangstel in die proses. Indien daar enige konsepte is wat u verklaar wil hê, moet asseblief nie huiwer om my te kontak by die onderstaande kontakbesonderhede nie.

Ons sien uit om van u terug te hoor.

Coastal and Environmental Services (Pty) Ltd

tel: +27 43 726 7809 **| Fax**: +27 43 726 8352

16 Tyrell Street Berea, East London 5214

Coastal & Environmental Services

Vriendelike groete,

Caroline Evans
c.evans@cesnet.co.za

Caroline Evans
Environmental Consultant
EOH Coastal & Environmental Services

tel: +27 (43) 726 7809 | **fax:** +27 (43) 726 8352 | **cell:** +27 (72) 538 2432
caroline.evans@eoh.co.za | www.eoh.co.za | www.cesnet.co.za

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REGISTERED LETTER
GEREGISTREERDE BRIEF (126) Post Office

(with an insurance option/met 'n versekeringsopsie)

Full tracking and tracing/Volledige volg en spoor

Addressed to/Geadresseer aan
Mr & Mrs van Heerden
PO Box 451
Middelburg
5900 Postcode / Postkode

The value of the contents of this letter is as indicated and compensation is not payable for a letter received unconditionally. Compensation is limited to R100.00. No compensation is payable without documentary proof. Optional insurance up to R2 000.00 is available and applies to domestic registered letters only.-

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Postage paid R ____ c
Service fee/Diensgeld R ____ c
Insurance/Versekering R ____ c
Total/Totaal R ____ c

Insured value of contents
Versekerde waarde van inhoud R ____ c

Enquiries/Navrae
Toll-free number
Tolvry nommer
0800 111 502

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Initial of accepting officer / Paraaf van aaneem-beampte

Date stamp / Datumstempel
S.A. POST OFFICE LTD. TECOMA 3214 14 AUG 2014 85936
701281

REGISTERED LETTER
GEREGISTREERDE BRIEF (126) Post Office

(with an insurance option/met 'n versekeringsopsie)

Full tracking and tracing/Volledige volg en spoor

Addressed to/Geadresseer aan
Ms Lauraine Eugene Miller
PO Box 548
Middelburg
5900 Postcode / Postkode

The value of the contents of this letter is as indicated and compensation is not payable for a letter received unconditionally. Compensation is limited to R100.00. No compensation is payable without documentary proof. Optional insurance up to R2 000.00 is available and applies to domestic registered letters only.-

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Postage paid R ____ c
Service fee/Diensgeld R ____ c
Insurance/Versekering R ____ c
Total/Totaal R ____ c

Insured value of contents
Versekerde waarde van inhoud R ____ c

Enquiries/Navrae
Toll-free number
Tolvry nommer
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701281

REGISTERED LETTER
GEREGISTREERDE BRIEF (126) Post Office

(with an insurance option/met 'n versekeringsopsie)

Full tracking and tracing/Volledige volg en spoor

Addressed to/Geadresseer aan
Mr Pieter Kuyper Albertyn
PO Box 378
Middelburg
5900 Postcode / Postkode

The value of the contents of this letter is as indicated and compensation is not payable for a letter received unconditionally. Compensation is limited to R100.00. No compensation is payable without documentary proof. Optional insurance up to R2 000.00 is available and applies to domestic registered letters only.-

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Postage paid R ____ c
Service fee/Diensgeld R ____ c
Insurance/Versekering R ____ c
Total/Totaal R ____ c

Insured value of contents
Versekerde waarde van inhoud R ____ c

Enquiries/Navrae
Toll-free number
Tolvry nommer
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Date stamp / Datumstempel
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701281

REGISTERED LETTER
GEREGISTREERDE BRIEF (126) Post Office

(with an insurance option/met 'n versekeringsopsie)

Full tracking and tracing/Volledige volg en spoor

Addressed to/Geadresseer aan
Mr & Mrs Joubert
PO Box 43
Middelburg
5900 Postcode / Postkode

The value of the contents of this letter is as indicated and compensation is not payable for a letter received unconditionally. Compensation is limited to R100.00. No compensation is payable without documentary proof. Optional insurance up to R2 000.00 is available and applies to domestic registered letters only.-

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Postage paid R ____ c
Service fee/Diensgeld R ____ c
Insurance/Versekering R ____ c
Total/Totaal R ____ c

Insured value of contents
Versekerde waarde van inhoud R ____ c

Enquiries/Navrae
Toll-free number
Tolvry nommer
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701281

REGISTERED LETTER
GEREGISTREERDE BRIEF (126) Post Office
(with an insurance option/met 'n versekeringsopsie)

Full tracking and tracing/Volledige volg en spoor

Addressed to/Geadresseer aan
Mr Colin Douglas Kingwell
PO Box 106
Middelburg
5900 Postcode / Postkode

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Postage paid R ____ c
Service fee/Diensgeld R ____ c
Insurance/Versekering R ____ c
Total/Totaal R ____ c

Insured value of contents
Versekerde waarde van inhoud R ____ c

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Enquiries/Navrae
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701281
14 AUG 2014

REGISTERED LETTER
GEREGISTREERDE BRIEF (126) Post Office
(with an insurance option/met 'n versekeringsopsie)

Full tracking and tracing/Volledige volg en spoor

Addressed to/Geadresseer aan
Mr Marthinus Thiegaardt du Plessis
PO Box 184
Middelburg
5900 Postcode / Postkode

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Postage paid R ____ c
Service fee/Diensgeld R ____ c
Insurance/Versekering R ____ c
Total/Totaal R ____ c

Insured value of contents
Versekerde waarde van inhoud R ____ c

Enquiries/Navrae
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Tolvry nommer
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REGISTERED LETTER
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701281
TECOMA 5214
14 AUG 2014
85636

REGISTERED LETTER
GEREGISTREERDE BRIEF (126) Post Office
(with an insurance option/met 'n versekeringsopsie)

Full tracking and tracing/Volledige volg en spoor

Addressed to/Geadresseer aan
Mr Hendrikus Jacobus Visser
Visser Familietrust
PO Box 123
Naupoort
5950 Postcode / Postkode

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Postage paid R ____ c
Service fee/Diensgeld R ____ c
Insurance/Versekering R ____ c
Total/Totaal R ____ c

Insured value of contents
Versekerde waarde van inhoud R ____ c

Enquiries/Navrae
Toll-free number
Tolvry nommer
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TECOMA 5214
14 AUG 2014
85636

REGISTERED LETTER
GEREGISTREERDE BRIEF (126) Post Office
(with an insurance option/met 'n versekeringsopsie)

Full tracking and tracing/Volledige volg en spoor

Addressed to/Geadresseer aan
Ms Vivian Stephanie van der Merwe
PO Box 3994
Bloemfontein
9300 Postcode / Postkode

The value of the contents of this letter is as indicated and compensation is not payable for a letter received unconditionally. Compensation is limited to R100.00. No compensation is payable without documentary proof. Optional insurance up to R2 000.00 is available and applies to domestic registered letters only.-

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Postage paid R ____ c
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Versekerde waarde van inhoud R ____ c

Enquiries/Navrae
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Tolvry nommer
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85636

REGISTERED LETTER
GEREGISTREERDE BRIEF
126
Post Office
(with an insurance option/met 'n versekeringsopsie)

Full tracking and tracing/Volledige volg en spoor

Addressed to/Geadresseer aan
Mr Allen Mark Lange
STV Wild cc
PO Box 33381
Pretoria
0001 Postcode / Postkode

The value of the contents of this letter is as indicated and compensation is not payable for a letter received unconditionally. Compensation is limited to R100.00. No compensation is payable without documentary proof. Optional insurance up to R2 000.00 is available and applies to domestic registered letters only.-

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Insured value of contents
Versekerde waarde van inhoud R ____ c

Enquiries/Navrae
Toll-free number
Tolvry nommer
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REGISTERED LETTER
GEREGISTREERDE BRIEF
126
Post Office
(with an insurance option/met 'n versekeringsopsie)

Full tracking and tracing/Volledige volg en spoor

Addressed to/Geadresseer aan
Mr Michael Frederick Pretorius
STV Wild CC
PO Box 59
Witrivier
1240 Postcode / Postkode

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Service fee/Diensgeld R ____ c
Insurance/Versekering R ____ c
Total/Totaal R ____ c

Insured value of contents
Versekerde waarde van inhoud R ____ c

Enquiries/Navrae
Toll-free number
Tolvry nommer
0800 111 502

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Date stamp / Datumstempel

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kliëntafskrif

REGISTERED LETTER
GEREGISTREERDE BRIEF
126
Post Office
(with an insurance option/met 'n versekeringsopsie)

Full tracking and tracing/Volledige volg en spoor

Addressed to/Geadresseer aan
Doornvlei Boerdery CC
PO Box 378
Middelburg
5900 Postcode / Postkode

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Insured value of contents
Versekerde waarde van inhoud R ____ c

Enquiries/Navrae
Toll-free number
Tolvry nommer
0800 111 502

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kliëntafskrif

REGISTERED LETTER
GEREGISTREERDE BRIEF
126
Post Office
(with an insurance option/met 'n versekeringsopsie)

Full tracking and tracing/Volledige volg en spoor

Addressed to/Geadresseer aan
Mr Sarel David Theron
PO Box 19
Middelburg
5900 Postcode / Postkode

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Insured value of contents
Versekerde waarde van inhoud R ____ c

Enquiries/Navrae
Toll-free number
Tolvry nommer
0800 111 502

Initial of accepting officer / Paraaf van aanneembeampte

Date stamp / Datumstempel

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REGISTERED LETTER
GEREGISTREERDE BRIEF (126) Post Office

(with an insurance option/met 'n versekeringsopsie)

Full tracking and tracing/Volledige volg en spoor

Addressed to/Geadresseer aan
Mr Hermanus Jacobus Pieterse
SJV Wild CC
PO Box 1761
Louis Trichardt
0920 Postcode / Postkode

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Postage paid R ____ c
Service fee/Diensgeld R ____ c
Insurance/Versekering R ____ c
Total/Totaal R ____ c

Insured value of contents
Versekerde waarde van inhoud R ____ c

Enquiries/Navrae
Toll-free number
Tolvry nommer
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Initial of accepting officer

Date stamp
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TECOMA 5214
14 AUG 2014
85636

Paraaf van aanneembeampte

Datumstempel

701281

REGISTERED LETTER
GEREGISTREERDE BRIEF (126) Post Office

(with an insurance option/met 'n versekeringsopsie)

Full tracking and tracing/Volledige volg en spoor

Addressed to/Geadresseer aan
Mr Paulus Johannes Jacobus Visser
SJV Wild CC
PO Box 2724
Paarl
7620 Postcode / Postkode

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Service fee/Diensgeld R ____ c
Insurance/Versekering R ____ c
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Insured value of contents
Versekerde waarde van inhoud R ____ c

Enquiries/Navrae
Toll-free number
Tolvry nommer
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Initial of accepting officer

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85636

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Datumstempel

701281

REGISTERED LETTER
GEREGISTREERDE BRIEF (126) Post Office

(with an insurance option/met 'n versekeringsopsie)

Full tracking and tracing/Volledige volg en spoor

Addressed to/Geadresseer aan
Mr Barend Andries Maiton
SJV Wild CC
PO Box 1249
Durbanville
7551 Postcode / Postkode

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Enquiries/Navrae
Toll-free number
Tolvry nommer
0800 111 502

REGISTERED LETTER
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Initial of accepting officer

Date stamp
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TECOMA 5214
14 AUG 2014
85636

Paraaf van aanneembeampte

Datumstempel

701281

REGISTERED LETTER
GEREGISTREERDE BRIEF (126) Post Office

(with an insurance option/met 'n versekeringsopsie)

Full tracking and tracing/Volledige volg en spoor

Addressed to/Geadresseer aan
Mr Hermanus Bernardus Smart
SJV Wild CC
PO Box 600
Hoedspruit
1380 Postcode / Postkode

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Versekerde waarde van inhoud R ____ c

Enquiries/Navrae
Toll-free number
Tolvry nommer
0800 111 502

REGISTERED LETTER
(with a domestic insurance option)
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RD 985 739 704 ZA
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S.A. POST OFFICE LTD
TECOMA 5214
14 AUG 2014

Paraaf van aanneembeampte

Datumstempel

701281

Coastal & Environmental Services

14 August 2014

Dear Stakeholder and/or Interested & Affected Party

NOTICE: PROPOSED UMSOBOMVU WIND ENERGY FACILITY

Proponent: InnoWind (Pty) Ltd are proposing a Wind Facility in the Middelburg/Noupoort area, located on the border between the Eastern Cape (Chris Hani District Municipality) and Northern Cape (Pixley ka Seme District Municipality) provinces. We would like to take this opportunity to introduce ourselves as the company appointed to carry out Environmental Impact Assessments for the proposed energy facility.

Public Participation: A critical element of the Environmental Impact Assessment is the Public Participation. The objective is to contact, notify and inform members of the community who may be interested and/or affected by the proposed Wind Energy Facility, in order that any such party may fully participate, interact and inform the EIA process.

Activity: The activity which the proponents are requesting approval for approximately eighty one (81) wind turbines proposed for the purpose of electricity generation (supplying a maximum of ~140 Megawatts). The erection of the wind turbines will necessitate "Full Scoping and Environmental Impact Assessment" for approval by the authorities of the Department of Environmental Affairs (DEAT, Pretoria). This process consists of two phases of work involving a thorough examination of the potential impacts relating to Wind Energy Facilities and includes numerous specialist studies in order to assess these impacts. This creates a number of opportunities for I&APs to be involved and to raise issues for consideration.

Locality: For further information, please refer to the Background Information Documents attached to this letter. The layout design may be adapted and refined as information is assimilated.

This letter of notification serves to inform you, in terms of Regulation 54 of the regulations published in Government Notice No. R 543 under Chapter 5 of the National Environmental Management Act (Act 107 of 1998), as amended, of the intention to carry out a Full Scoping and EIA for wind turbines for the purposes of producing electricity.

Consultant: For more information, registration as an Interested and Affected Party (I&AP), or the submission of written comments, please contact the person listed on the following page via telephone, fax, post or email within 30 days of this notice.

Coastal and Environmental Services (Pty) Ltd

tel: +27 43 726 7809 | **Fax**: +27 43 726 8352

16 Tyrell Street Berea, East London 5214

Coastal & Environmental Services

Coastal & Environmental Services
Attn: Ms Caroline Evans
PO Box 8145, Nahoon
East London
Tel: 043 726 7809
Fax: 043 726 8352
E-mail: c.evans@cesnet.co.za

For more information on the Environmental Impact Assessment process and how you can be involved, please refer to the Background Information Documents attached to this letter.

We would like to emphasise that should you consider yourself as an I&AP, we request that you register by simply contacting our office via the above-mentioned details. This will ensure that all correspondence and progress, with regards to the Environmental Impact Assessment, are made available to you in a quick and transparent manner.

We look forward to hearing from you.

Kind regards,

Caroline Evans

Caroline Evans
Environmental Consultant
EOH Coastal & Environmental Services
tel: +27 (43) 726 7809 | **fax:** +27 (43) 726 8352 |
caroline.evans@eoh.co.za | www.eoh.co.za | www.cesnet.co.za
Consulting | Technology | Outsourcing

Coastal & Environmental Services

Dear Surrounding Landowners

NOTICE: PROPOSED UMSOBOMVU WIND ENERGY FACILITY

Proponent: InnoWind (Pty) Ltd. are proposing a Wind Facility in the Middelburg/Noupoort area, located on the border between the Eastern Cape (Chris Hani District Municipality) and Northern Cape (Pixley ka Seme District Municipality) provinces. We would like to take this opportunity to introduce ourselves as the company appointed to carry out Environmental Impact Assessments for the proposed energy facility.

Public Participation: A critical element of the Environmental Impact Assessment (EIA) is the Public Participation. The objective is to contact, notify and inform members of the community who may be interested and/or affected by the proposed Wind Energy Facility, in order that any such party may fully participate, interact and inform the EIA process.

Activity: The activity which the proponents are requesting approval for approximately eighty one (81) wind turbines proposed for the purpose of electricity generation (supplying a maximum of ~140 Megawatts). The erection of the wind turbines will necessitate "Full Scoping and Environmental Impact Assessment" for approval by the authorities of the Department of Environmental Affairs (DEAT, Pretoria). This process consists of two phases of work involving a thorough examination of the potential impacts relating to Wind Energy Facilities and includes numerous specialist studies in order to assess these impacts. This creates a number opportunities for I&APs to be involved and to raise issues for consideration.

Locality: For further information, please refer to the Background Information Documents attached to this letter. The layout design may be adapted and refined as information is assimilated.

This letter of notification serves to inform you, in terms of Regulation 54 of the regulations published in Government Notice No. R 543 under Chapter 5 of the National Environmental Management Act (Act 107 of 1998), as amended, of the intention to carry out a Full Scoping and EIA for wind turbines for the purposes of producing electricity.

Consultant: For more information, registration as an Interested and Affected Party (I&AP), or submission of written comments, please contact the person listed below via telephone, fax, post or email within 30 days of this notice

Coastal & Environmental Services
Attn: Ms Caroline Evans
PO Box 8145, Nahoon
East London
Tel: 043 726 7809
Fax: 043 726 8352
E-mail: c.evans@cesnet.co.za

Coastal & Environmental Services

For more information on the Environmental Impact Assessment process and how you can be involved, please refer to the Background Information Documents attached to this letter.

We would like to emphasise that should you consider yourself as an I&AP, we request that you register by simply contacting our office at the details given above OR by filling in the attached sheet and sending it back. This will ensure that all correspondence and progress with regards to the Environmental Impact Assessment are made available to you in a quick and transparent manner. Please note that correspondence is available in both English and Afrikaans (please indicate on the attached form which you would prefer).

We look forward to hearing from you.

Kind regards,

Caroline Evans

Caroline Evans
Environmental Consultant
EOH Coastal & Environmental Services
tel: +27 (43) 726 7809 | **fax:** +27 (43) 726 8352 | **cell:** +27 (72) 538 2432
caroline.evans@eoh.co.za | www.eoh.co.za | www.cesnet.co.za
Consulting | Technology | Outsourcing

NOTICE
ENVIRONMENTAL IMPACT ASSESSMENT

EOH Coastal & Environmental Services

DEA Reference: 14/12/16/3/3/2/730

Notice is hereby given in terms of Regulation 54(2) of GN R 543 under Chapter 5 of the National Environmental Management Act (Act 107 of 1998), of the intent to submit an Environmental Impact Assessment to the National Department of Environmental Affairs (DEA).

Project Activity: InnoWind (Pty) Ltd propose the construction of up to 81 turbines to be developed approximately 20km southwest of Noupoort (Northern Cape) and 18 km northwest of Middelburg (Eastern Cape), South Africa. The total potential output of the wind farm would be 140 MW.

Listed Activities: The proposed project is a listed activity in terms of GN R 545, activity (1): "*The construction of facilities or infrastructure for the generation of electricity where the electricity output is 20 megawatts or more*", which requires a full Scoping and EIR. Other listed activities in terms of GN R 545 include activity 8 and 15. Listed activities in terms of GN R 544 include activity 10, 11, 13 and 18, and GN R546 activity 4, 13, 14, 16 and 19.

EOH Coastal & Environmental Services has been commissioned by Innowind (Pty) Ltd to undertake the Environmental Impact Assessment. You are hereby invited to register as an Interested & Affected Party (I&AP)

Hiemee word kennisgewing gegee in terme van Regulasie 54(2) van GK R 543 ingevolge Hoofstuk 5 van die Nationale Wet op Omgewingsbestuur (NEM) Wet (Wet 107 van 1998), van die voorneme om 'n omgewingsimpakbepaling in te dien aan die Nationale Departement van Omgewingsake (DOS).

Projek aktiwiteit: InnoWind (Edms) Bpk stel die ontwikkeling voor van ongeveer 81 turbines, 20 km Suid-Wes van Noupoort (Noord-Kaap) en 18 km Noord-Wes van Middelburg (Oos-Kaap), Suid Afrika. Die totale potensiale uitset van die windplaas sal 140 MW wees.

Gelysde Aktiwiteite: Die voorgestelde projek is 'n gelyste aktiwiteit in terme van GK R 545, aktiwiteit (1): "*Die konstruksie van fasiliteite of infrastruktuur vir die opwekking van elektrisiteit waar die uitset 20 megawatt of meer is",* wat 'n volledige OIB vereis. Verdere gelysde aktiwite,ite in term van GK R 545 sluit in aktiwiteit 8 en 15. Gelyste aktiwiteite in terme van GK R 544 sluit in aktiwiteit 10, 11, 13 en 18 en GK R546 aktiwiteit 4, 13, 14, 16 en 19.

EOH Coastal & Environmental Services is in opdrag van Innowind (Edms) Bpk om die Omgewingsimpakstudie te onderneem. U word hiermee uitgenooi om te registreer as 'n belangstellende en geaffekteerde party (B&GP).

For more information, registration as an I&AP or submission of written comments contact by post, phone, fax or e-mail:
PO Box 8145, East London, 5210, Tel: 043 726 7809, Fax: 043 726 8352, Email:
caroline.evans@eoh.co.za (English)
zianca.greeff@eoh.co.za (Afrikaans)

Date of Notice: 4 August 2014

REGISTERED LETTER
GEREGISTREERDE BRIEF (126)
(with an insurance option/met 'n versekeringsopsie)

Post Office

Full tracking and tracing/Volledige volg en spoor

Addressed to/Geadresseer aan
Mr Sydney Graniwe
Inxuba Yethemba LM Ward 3 Councillor
P.O.Box 24
Cradock
5 8 8 0 Postcode / Postkode

The value of the contents of this letter is as indicated and compensation is not payable for a letter received unconditionally. Compensation is limited to R100.00. No compensation is payable without documentary proof. Optional insurance up to R2 000.00 is available and applies to domestic registered letters only.-

Die waarde van die inhoud van hierdie brief is soos aangedui en vergoeding sal nie betaal word vir 'n brief wat sonder voorbehoud ontvang word nie. Vergoeding is beperk tot R100.00. Geen vergoeding is sonder dokumentêre bewys betaalbaar nie. Opsionele versekering tot R2 000.00 is beskikbaar en is slegs op binnelandse geregistreerde briewe van toepassing.

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Enquiries/Navrae
Toll-free number
Tolvry nommer
0800 111 502

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klientafskrif

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Paraaf van aaneem-beampte

Date stamp
S.A. POSTE
PRETORIA 0001
14 AUG 2014
85636
Datumstempel

701281

REGISTERED LETTER
GEREGISTREERDE BRIEF (126)
(with an insurance option/met 'n versekeringsopsie)

Post Office

Full tracking and tracing/Volledige volg en spoor

Addressed to/Geadresseer aan
Mr Siphiwo Njobo
Inxuba Yethemba LM Ward 6 Councillor
P.O.Box 24
Cradock
5 8 8 0 Postcode / Postkode

The value of the contents of this letter is as indicated and compensation is not payable for a letter received unconditionally. Compensation is limited to R100.00. No compensation is payable without documentary proof. Optional insurance up to R2 000.00 is available and applies to domestic registered letters only.-

Die waarde van die inhoud van hierdie brief is soos aangedui en vergoeding sal nie betaal word vir 'n brief wat sonder voorbehoud ontvang word nie. Vergoeding is beperk tot R100.00. Geen vergoeding is sonder dokumentêre bewys betaalbaar nie. Opsionele versekering tot R2 000.00 is beskikbaar en is slegs op binnelandse geregistreerde briewe van toepassing.

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Insured value of contents
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Tolvry nommer
0800 111 502

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(with a domestic insurance option)
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Paraaf van aaneem-beampte

Date stamp
PRETORIA 5214
14 AUG 2014
Datumstempel

701281

REGISTERED LETTER
GEREGISTREERDE BRIEF (126)
with an insurance option/met 'n versekeringsopsie)

Post Office

Full tracking and tracing/Volledige volg en spoor

Addressed to/Geadresseer aan
Mr Jacobus Andries van der Merwe
PO. Box 40209
Red Hill
4 0 7 1 Postcode / Postkode

he value of the contents of this letter is as indicated and compensation is not payable for a letter ceived unconditionally. Compensation is limited to R100.00. No compensation is payable without ocumentary proof. Optional insurance up to R2 000.00 is available and applies to domestic registered tters only.-

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Postage paid R ____ c
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Total/Totaal R ____ c

Insured value of contents
Versekerde waarde van inhoud R ____ c

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Toll-free number
Tolvry nommer
0800 111 502

REGISTERED LETTER
(with a domestic insurance option)
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kliëntafskrif

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Date stamp
PRETORIA 5214
14 AUG 2014
Datumstempel

701281

REGISTERED LETTER
GEREGISTREERDE BRIEF (126)
with an insurance option/met 'n versekeringsopsie)

Post Office

Full tracking and tracing/Volledige volg en spoor

ddressed to/Geadresseer aan
Mr Andries Thertius Barnard
SJV Wild CC
PO Box 2081
Pretoria
0 0 0 1 Postcode / Postkode

e value of the contents of this letter is as indicated and compensation is not payable for a letter ived unconditionally. Compensation is limited to R100.00. No compensation is payable without cumentary proof. Optional insurance up to R2 000.00 is available and applies to domestic registered ers only.-

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Versekerde waarde van inhoud R ____ c

Enquiries/Navrae
Toll-free number
Tolvry nommer
0800 111 502

Affix Track and Trace

REGISTERED LETTER
(with a domestic insurance option)
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RD 985 739 664 ZA
CUSTOMER COPY 301028R
kliëntafskrif

Initial of accepting officer
Paraaf van aaneem-beampte

Date stamp
PRETORIA 5214
14 AUG 2014
85636
Datumstempel

701281

Caroline Evans

From: Caroline Evans <c.evans@cesnet.co.za>
Sent: 14 August 2014 12:04 PM
To: 'Nondwe.Mdekazi@dedea.gov.za'; 'tmakaudi@ncpg.gov.za'; 'fouriel4@dwa.gov.za'; 'Abe@dwa.gov.za'; 'AbrahamsA@dwa.gov.za'; 'thokob@daff.gov.za'; 'MashuduMa@daff.gov.za'; 'mokgadi.mathekgana@energy.gov.za'; 'eddie.leach@eskom.co.za'; 'LeaskK@eskom.co.za'; 'NicolM@eskom.co.za'; 'mm@pixleykaseme.co.za'; 'fnel@chrishanidm.gov.za'; 'fnxesi@chrishanidm.gov.za'; 'mpela@umsobomvumun.co.za'; 'tantsi@isat.gov.za'; 'mpela@umsobomvu.co.za'; 'ithatelo@salga.org.za'; 'ldaniels@salga.org.za'; 'jmafereka@salga.org.za'; 'adlanjwa@salga.org.za'; 'zmpulampula@salga.org.za'; 'zcokie@salga.org.za'; 'info@ecphra.org.za'; 'rtimothy@nbkb.org.za'; 'ratha.timothy@gmail.com'; 'CouchRA@telkom.co.za'; 'viljoena@sentech.co.za'; 'radebej@sentech.co.za'; 'andre.barnard@vodacom.co.za'; 'krishna.chetty@mtn.com'; 'hdippenaar@cellc.co.za'
Subject: NOTIFICATION: Proposed Umsobomvu Wind Energy Facility
Attachments: InnoWind Umsobomvu AID_v1.pdf; InnoWind Umsobomvu BID_v1.pdf; Notification Stakeholders.pdf

Dear Stakeholders

This serves to notify you of the start of the EIA (Environmental Impact Assessment) process for the Proposed Umsobomvu WEF (Wind Energy Facility) located on the border between the Northern Cape and Eastern Cape Provinces. In the Northern Cape, the proposed WEF falls within the Umsobomvu Local Municipality, in the Pixley ka Seme District Municipality, as well as in the Inxuba Yethemba Local Municipality and Chris Hani District Municipality in the Eastern Cape. The wind farm will host approximately eighty one (81) turbines, with a potential power output of one hundred and forty (140) megawatts (MW).

For additional information please find the letter of notification and background information documents attached. For your convenience we have attached both an English and Afrikaans version of the BID; when responding please specify the language in which you wish to receive further correspondence.

Please do not hesitate to contact me should you have any queries.

Kind regards
Caroline

EOH

Caroline Evans
Environmental Consultant
EOH Coastal & Environmental Services

tel: +27 (43) 726 7809 | fax: +27 (43) 726 8352 |
caroline.evans@eoh.co.za | www.eoh.co.za | www.cesnet.co.za

Consulting | Technology | Outsourcing

Caroline Evans

From:	Caroline Evans <c.evans@cesnet.co.za>
Sent:	14 August 2014 12:07 PM
To:	'spvanderwalk@karoomail.co.za'; 'meyburgherasmus@gmail.com'; 'wilt@nokwi.co.za'; 'hsventer@nokwi.co.za'; 'viljoen@oddworld.co.za'; 'sep@suurfontein.co.za'; 'driespienaar@gmail.com'; 'divalphen@gmail.com'; 'middelburgdistriklbv@gmail.com'; 'bosuurberg@gmail.com'; 'andries@ajbester.co.za'; 'bpe@intekom.co.za'; 'tp@midkaroo.co.za'; 'gsnyman@mtnloaded.co.za'; 'info@hillstonfarm.co.za'; 'info@hillstonfarm.co.za'; 'clift@vodamail.co.za'; 'rbv@webmail.co.za'; 'tafelkop0@gmail.com'; 'hofmeyrboere@gmail.com'; 'StrohL@caa.co.za'; 'camu@atns.co.za'; 'GouwsJ@nra.co.za'; 'daniel.marnewick@birdlife.org.za'; 'iba@birdlife.org.za'; 'conservation@birdlife.org.za'; 'energy@birdlife.org.za'; 'yolanf@ewt.co.za'; 'harrietd@ewt.org.za'; 'kerryn@ewt.org.za'; 'glennr@ewt.org.za'; 'lourensl@ewt.org.za'; 'wessanc@yahoo.com'; 'j-gon@intekom.co.za'; 'joubertrene@telkomsa.net'; 'marellmh@absamail.co.za'; 'tourismmid@adsactive.com'; 'joano@nda.agric.za'
Subject:	NOTIFICATION: Proposed Umsobomvu Wind Energy Facility
Attachments:	InnoWind Umsobomvu AID_v1.pdf; InnoWind Umsobomvu BID_v1.pdf; Notification Stakeholders.pdf

Dear Interested/Affected Parties

This serves to notify you of the start of the EIA (Environmental Impact Assessment) process for the Proposed Umsobomvu WEF (Wind Energy Facility) located on the border between the Northern Cape and Eastern Cape Provinces. In the Northern Cape, the proposed WEF falls within the Umsobomvu Local Municipality, in the Pixley ka Seme District Municipality, as well as in the Inxuba Yethemba Local Municipality and Chris Hani District Municipality in the Eastern Cape. The wind farm will host approximately eighty one (81) turbines, with a potential power output of one hundred and forty (140) megawatts (MW).

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Please do not hesitate to contact me should you have any queries.

Kind regards
Caroline

EOH

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Environmental Consultant
EOH Coastal & Environmental Services

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caroline.evans@eoh.co.za | www.eoh.co.za | www.cesnet.co.za

Consulting | Technology | Outsourcing

Caroline Evans

From: Caroline Evans <c.evans@cesnet.co.za>
Sent: 14 August 2014 12:10 PM
To: 'akeun@gmail.com'; 'jannievans@vodamail.co.za'; 'francoisvdryst@gmail.com'; 'andries@ajbester.co.za'; 'gyssteyn@worldonline.co.za'; 'neusberg@nokwi.co.za'; 'jj@adsactive.com'
Subject: NOTIFICATION: Proposed Umsobomvu Wind Energy Facility
Attachments: InnoWind Umsobomvu AID_v1.pdf; InnoWind Umsobomvu BID_v1.pdf; Notification Surrounding Landowners.pdf

Dear Neighbouring Landowners

This serves to notify you of the start of the EIA (Environmental Impact Assessment) process for the Proposed Umsobomvu WEF (Wind Energy Facility) located on the border between the Northern Cape and Eastern Cape Provinces. In the Northern Cape, the proposed WEF falls within the Umsobomvu Local Municipality, in the Pixley ka Seme District Municipality, as well as in the Inxuba Yethemba Local Municipality and Chris Hani District Municipality in the Eastern Cape. The wind farm will host approximately eighty one (81) turbines, with a potential power output of one hundred and forty (140) megawatts (MW).

For additional information please find the letter of notification and background information documents attached. For your convenience we have attached both an English and Afrikaans version of the BID; when responding please specify the language in which you wish to receive further correspondence. If there are additional persons who you feel may benefit or be interested in receiving correspondence regarding the Umsobomvu WEF please kindly forward us their details so that we may add them to our database.

Please do not hesitate to contact me should you have any queries.

Kind regards
Caroline

Caroline Evans
Environmental Consultant
EOH Coastal & Environmental Services

tel: +27 (43) 726 7809 | fax: +27 (43) 726 8352 |
caroline.evans@eoh.co.za | www.eoh.co.za | www.cesnet.co.za

Consulting | Technology | Outsourcing

Caroline Evans

From: Joshua Engelbrecht <Joshua.Engelbrecht@cellc.co.za>
Sent: 18 August 2014 11:25 AM
To: Caroline Evans
Cc: Dirk Van Der Walt; Wiaan Vermaak; Rudi Liebenberg
Subject: RE: NOTIFICATION: Proposed Umsobomvu Wind Energy Facility

Dear Caroline,

Thanks, it will be great to be kept informed.

I just had a conversation with my EC colleague (Hugo) and he confirmed that he also did reply and gave his OK.

Regards,
Joshua

CELL C
THE POWER IS IN YOUR HANDS

Joshua Engelbrecht
RF Planning, Optimisation & Vendor Management Engineer
Victorian Square Ground Floor 31
Second Avenue Westdene
Bloemfontein
0847700424

This email and its contents are subject to our email legal notice which can be viewed at http://www.cellc.co.za/dl/cms/downloads/Email_legal_notice.pdf

From: Caroline Evans [mailto:c.evans@cesnet.co.za]
Sent: 18 August 2014 11:21 AM
To: Joshua Engelbrecht
Cc: Dirk Van Der Walt; Wiaan Vermaak; Rudi Liebenberg
Subject: RE: NOTIFICATION: Proposed Umsobomvu Wind Energy Facility

Dear Joshua

Thank you so much for your prompt response. Is there a specific person I should get in touch with in the Eastern Cape region? (I assume this person was CC'd in?)

Thank you for the clarification.

At this stage the proposed Umsobomvu WEF is at very infant stage and has just started the Environmental Authorisation application process so I am unable to say when civil works will begin. As a stakeholder you will be kept in the loop of all proceedings (and I have added the three individuals who were CC'd in to the stakeholder database for future correspondence).

Kind regards
Caroline

EOH

Caroline Evans
Environmental Consultant
EOH Coastal & Environmental Services

tel: +27 (43) 726 7809 | fax: +27 (43) 726 8352 |

Caroline Evans

From: Nondwe Mdekazi <Nondwe.Mdekazi@dedea.gov.za>
Sent: 15 August 2014 09:34 AM
To: Caroline Evans
Cc: Tbone De Jongh; Mncedisi Makosonke
Subject: RE: NOTIFICATION: Proposed Umsobomvu Wind Energy Facility

Noted will you also include the two officials from the department (DEDEAT) in your list of IAP

Tim De Jongh (Tbone.De Jongh@dedea.gov.za)
Mncedisi Makosonke(Mncedisi.Makosonke@dedea.gov.za)

From: Caroline Evans [mailto:c.evans@cesnet.co.za]
Sent: 14 August 2014 12:04 PM
To: Nondwe Mdekazi; tmakaudi@ncpg.gov.za; fouriel4@dwa.gov.za; Abe@dwa.gov.za; AbrahamsA@dwa.gov.za; thokob@daff.gov.za; MashuduMa@daff.gov.za; mokgadi.mathekgana@energy.gov.za; eddie.leach@eskom.co.za; LeaskK@eskom.co.za; NicolM@eskom.co.za; mm@pixleykaseme.co.za; fnel@chrishanidm.gov.za; fnxesi@chrishanidm.gov.za; mpela@umsobomvumun.co.za; tantsi@isat.gov.za; mpela@umsobomvu.co.za; ithatelo@salga.org.za; ldaniels@salga.org.za; jmafereka@salga.org.za; adlanjwa@salga.org.za; zmpulampula@salga.org.za; zcokie@salga.org.za; info@ecphra.org.za; rtimothy@nbkb.org.za; ratha.timothy@gmail.com; CouchRA@telkom.co.za; viljoena@sentech.co.za; radebej@sentech.co.za; andre.barnard@vodacom.co.za; krishna.chetty@mtn.com; hdippenaar@cellc.co.za
Subject: NOTIFICATION: Proposed Umsobomvu Wind Energy Facility

Dear Stakeholders

This serves to notify you of the start of the EIA (Environmental Impact Assessment) process for the Proposed Umsobomvu WEF (Wind Energy Facility) located on the border between the Northern Cape and Eastern Cape Provinces. In the Northern Cape, the proposed WEF falls within the Umsobomvu Local Municipality, in the Pixley ka Seme District Municipality, as well as in the Inxuba Yethemba Local Municipality and Chris Hani District Municipality in the Eastern Cape. The wind farm will host approximately eighty one (81) turbines, with a potential power output of one hundred and forty (140) megawatts (MW).

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Please do not hesitate to contact me should you have any queries.

Kind regards
Caroline

EOH

Caroline Evans
Environmental Consultant
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caroline.evans@eoh.co.za | www.eoh.co.za | www.cesnet.co.za

Consulting | Technology | Outsourcing

Caroline Evans

From: Joshua Engelbrecht <Joshua.Engelbrecht@cellc.co.za>
Sent: 18 August 2014 11:06 AM
To: c.evans@cesnet.co.za
Cc: Dirk Van Der Walt; Wiaan Vermaak; Rudi Liebenberg
Subject: NOTIFICATION: Proposed Umsobomvu Wind Energy Facility
Attachments: FW NOTIFICATION Proposed Umsobomvu Wind Energy Facility (1.60 MB)

Dear Caroline,

The new facility is on the border between CellC Eastern Cape and Central regions.
Both regions must give approval.

The proposed wind energy farm will not interfere with CellC Central region communications.

What is the start date on the project plan for civil works to begin? 1 year from now?
I see it is a remote area with very little mobile communication coverage.

Regards,
Joshua

CELL C
THE POWER IS IN YOUR HANDS

Joshua Engelbrecht
RF Planning, Optimisation & Vendor Management Engineer
Victorian Square Ground Floor 31
Second Avenue Westdene
Bloemfontein
0847700424

This email and its contents are subject to our email legal notice which can be viewed at http://www.cellc.co.za/dl/cms/downloads/Email_legal_notice.pdf

Caroline Evans

From: Simon Gear <advocacy@birdlife.org.za>
Sent: 19 August 2014 03:39 PM
To: 'Caroline Evans'
Cc: 'Samantha Ralston'
Subject: RE: NOTIFICATION: Proposed Umsobomvu Wind Energy Facility

Hi Caroline,

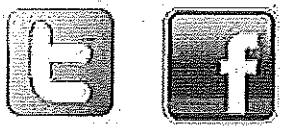
Please register BirdLife South Africa as an I&AP on this project, using my details below.

Cheers,

Simon Gear
Policy & Advocacy Manager

BirdLife SOUTH AFRICA
Giving Conservation Wings

Lewis House, 239 Barkston Drive, Blairgowrie 2194, Gauteng
P.O. Box 515, Randburg 2125, Gauteng, South Africa
Tel: +27 (0)11 789 1122 / 0860 BIRDER
Fax: +27 (0)11 789 5188
Cell: +27 (0) 82 821 4975
E-mail: advocacy@birdlife.org.za
http://www.birdlife.org.za http://birdingroutes.co.za



https://www.facebook.com/pages/Birdlife-South-Africa/112371882122716

https://twitter.com/BirdLife_SA

SMS 'birdlife' to 38878 and help Give Conservation WingsR10 per SMS. Free SMS and SMS bundles do not apply, All proceeds, less service provider fees, will be donated to BirdLife South Africa. Error messages will be billed. More details on BirdLife South Africa website.

The Policy & Advocacy Division is supported by The Royal Society for Protection of Birds (RSPB) and BirdLife International.

BirdLife INTERNATIONAL rspb giving nature a home

From: Caroline Evans [mailto:c.evans@cesnet.co.za]
Sent: 14 August 2014 12:07 PM
To: spvanderwalk@karoomail.co.za; meyburgherasmus@gmail.com; wilt@nokwi.co.za; hsventer@nokwi.co.za;

Caroline Evans

From: Tbone De Jongh <Tbone.DeJongh@dedea.gov.za>
Sent: 15 August 2014 04:39 PM
To: Nondwe Mdekazi; Caroline Evans
Cc: Mncedisi Makosonke
Subject: RE: NOTIFICATION: Proposed Umsobomvu Wind Energy Facility

Thanks

From: Nondwe Mdekazi
Sent: 15 August 2014 09:34
To: Caroline Evans
Cc: Tbone De Jongh; Mncedisi Makosonke
Subject: RE: NOTIFICATION: Proposed Umsobomvu Wind Energy Facility

Noted will you also include the two officials from the department (DEDEAT) in your list of IAP

Tim De Jongh (Tbone.De Jongh@dedea.gov.za)
Mncedisi Makosonke(Mncedisi.Makosonke@dedea.gov.za)

From: Caroline Evans [mailto:c.evans@cesnet.co.za]
Sent: 14 August 2014 12:04 PM
To: Nondwe Mdekazi; tmakaudi@ncpg.gov.za; fouriel4@dwa.gov.za; Abe@dwa.gov.za; AbrahamsA@dwa.gov.za; thokob@daff.gov.za; MashuduMa@daff.gov.za; mokgadi.mathekgana@energy.gov.za; eddie.leach@eskom.co.za; LeaskK@eskom.co.za; NicolM@eskom.co.za; mm@pixleykaseme.co.za; fnel@chrishanidm.gov.za; fnxesi@chrishanidm.gov.za; mpela@umsobomvumun.co.za; tantsi@isat.gov.za; mpela@umsobomvu.co.za; ithatelo@salga.org.za; ldaniels@salga.org.za; jmafereka@salga.org.za; adlanjwa@salga.org.za; zmpulampula@salga.org.za; zcokie@salga.org.za; info@ecphra.org.za; rtimothy@nbkb.org.za; ratha.timothy@gmail.com; CouchRA@telkom.co.za; viljoena@sentech.co.za; radebej@sentech.co.za; andre.barnard@vodacom.co.za; krishna.chetty@mtn.com; hdippenaar@cellc.co.za
Subject: NOTIFICATION: Proposed Umsobomvu Wind Energy Facility

Dear Stakeholders

This serves to notify you of the start of the EIA (Environmental Impact Assessment) process for the Proposed Umsobomvu WEF (Wind Energy Facility) located on the border between the Northern Cape and Eastern Cape Provinces. In the Northern Cape, the proposed WEF falls within the Umsobomvu Local Municipality, in the Pixley ka Seme District Municipality, as well as in the Inxuba Yethemba Local Municipality and Chris Hani District Municipality in the Eastern Cape. The wind farm will host approximately eighty one (81) turbines, with a potential power output of one hundred and forty (140) megawatts (MW).

For additional information please find the letter of notification and background information documents attached. For your convenience we have attached both an English and Afrikaans version of the BID; when responding please specify the language in which you wish to receive further correspondence.

Please do not hesitate to contact me should you have any queries.

Kind regards
Caroline

Caroline Evans

From: AJ Bester <andries@ajbester.co.za>
Sent: 14 August 2014 03:47 PM
To: 'Caroline Evans'
Subject: FW: NOTIFICATION: Proposed Umsobomvu Wind Energy Facility
Attachments: Track 002.kmz; Middelburg_Nguni_Stud_InnoWind Umsobomvu BID_v1.pdf

Here is a beter quality completed form.

Kind regards,

From: AJ Bester [mailto:andries@ajbester.co.za]
Sent: 14 August 2014 15:39
To: 'Caroline Evans'
Subject: RE: NOTIFICATION: Proposed Umsobomvu Wind Energy Facility

Hello Caroline,
Thank you for the notification.
Attached our application.
Can I have Google Earth linked plan as per attached example please?

Kind regards,
AJ Bester
c. 083 441 3365

From: Caroline Evans [mailto:c.evans@cesnet.co.za]
Sent: 14 August 2014 12:10
To: akeun@gmail.com; jannievans@vodamail.co.za; francoisvdryst@gmail.com; andries@ajbester.co.za; gyssteyn@worldonline.co.za; neusberg@nokwi.co.za; jj@adsactive.com
Subject: NOTIFICATION: Proposed Umsobomvu Wind Energy Facility

Dear Neighbouring Landowners

This serves to notify you of the start of the EIA (Environmental Impact Assessment) process for the Proposed Umsobomvu WEF (Wind Energy Facility) located on the border between the Northern Cape and Eastern Cape Provinces. In the Northern Cape, the proposed WEF falls within the Umsobomvu Local Municipality, in the Pixley ka Seme District Municipality, as well as in the Inxuba Yethemba Local Municipality and Chris Hani District Municipality in the Eastern Cape. The wind farm will host approximately eighty one (81) turbines, with a potential power output of one hundred and forty (140) megawatts (MW).

For additional information please find the letter of notification and background information documents attached. For your convenience we have attached both an English and Afrikaans version of the BID; when responding please specify the language in which you wish to receive further correspondence. If there are additional persons who you feel may benefit or be interested in receiving correspondence regarding the Umsobomvu WEF please kindly forward us their details so that we may add them to our database.

Please do not hesitate to contact me should you have any queries.

Kind regards
Caroline

Caroline Evans

From: JoanO <JoanO@daff.gov.za>
Sent: 15 August 2014 07:41 AM
Subject: Read: NOTIFICATION: Proposed Umsobomvu Wind Energy Facility

Your message

To: spvanderwalk@karoomail.co.za; meyburgherasmus@gmail.com; wilt@nokwi.co.za; hsventer@nokwi.co.za; viljoen@oddworld.co.za; sep@suurfontein.co.za; driespienaar@gmail.com; divalphen@gmail.com; middelburgdistriklbv@gmail.com; bosuurberg@gmail.com; andries@ajbester.co.za; bpe@intekom.co.za; tp@midkaroo.co.za; gsnyman@mtnloaded.co.za; info@hillstonfarm.co.za; info@hillstonfarm.co.za; clift@vodamail.co.za; rbv@webmail.co.za; tafelkop0@gmail.com; hofmeyrboere@gmail.com; StrohL@caa.co.za; camu@atns.co.za; GouwsJ@nra.co.za; daniel.marnewick@birdlife.org.za; iba@birdlife.org.za; conservation@birdlife.org.za; energy@birdlife.org.za; yolanf@ewt.co.za; harrietd@ewt.org.za; kerryn@ewt.org.za; glennr@ewt.org.za; lourensl@ewt.org.za; wessanc@yahoo.com; j-gon@intekom.co.za; joubertrene@telkomsa.net; marellmh@absamail.co.za; tourismmid@adsactive.com; JoanO
Cc:
Subject: NOTIFICATION: Proposed Umsobomvu Wind Energy Facility
Sent: Thu, 14 Aug 2014 12:06:54 +0200

was read on Thu, 14 Aug 2014 15:51:17 +0200

Caroline Evans

From: Middelburg distrik lbv <middelburgdistriklbv@gmail.com>
To: 'Caroline Evans'
Sent: 16 August 2014 07:16 PM
Subject: Read: NOTIFICATION: Proposed Umsobomvu Wind Energy Facility

Your message

To: Unknown
Subject:

Caroline Evans

From: Nanna Gouws (SR) <GouwsJ@nra.co.za>
Sent: 14 August 2014 12:34 PM
To: Caroline Evans
Subject: Read: NOTIFICATION: Proposed Umsobomvu Wind Energy Facility
Attachments: Read: NOTIFICATION: Proposed Umsobomvu Wind Energy Facility (6.39 KB)

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Caroline Evans

From: Itumeleng Thatelo <ithatelo@salga.org.za>
Sent: 14 August 2014 12:38 PM
To: Caroline Evans
Subject: Read: NOTIFICATION: Proposed Umsobomvu Wind Energy Facility
Attachments: Read: NOTIFICATION: Proposed Umsobomvu Wind Energy Facility (7.17 KB)

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Caroline Evans

From: Abrahams Abe (KBY) <AbrahamsA@dwa.gov.za>
Sent: 14 August 2014 01:19 PM
To: Caroline Evans
Subject: Read: NOTIFICATION: Proposed Umsobomvu Wind Energy Facility
Attachments: Read NOTIFICATION Proposed Umsobomvu Wind Energy Facility (6.26 KB)

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Caroline Evans

From: Michelle Nicol <NICOLM@eskom.co.za>
To: Caroline Evans
Sent: 15 August 2014 01:40 PM
Subject: Read: NOTIFICATION: Proposed Umsobomvu Wind Energy Facility

Your message

To: Michelle Nicol
Subject: NOTIFICATION: Proposed Umsobomvu Wind Energy Facility
Sent: Thursday, August 14, 2014 12:03:37 PM (UTC+02:00) Harare, Pretoria

was read on Friday, August 15, 2014 1:39:05 PM (UTC+02:00) Harare, Pretoria.

I'm part of the 49Million initiative.
http://www.49Million.co.za

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http://www.eskom.co.za/Pages/Email_Legal_Spam_Disclaimer.aspx

Caroline Evans

From: Dr. Harriet Davies-Mostert <harrietd@ewt.org.za>
To: 'Caroline Evans'
Sent: 14 August 2014 12:35 PM
Subject: Read: NOTIFICATION: Proposed Umsobomvu Wind Energy Facility

Your message

To: Unknown
Subject:

Caroline Evans

From: Glenn Ramke <glennr@ewt.org.za>
To: 'Caroline Evans'
Sent: 14 August 2014 04:08 PM
Subject: Read: NOTIFICATION: Proposed Umsobomvu Wind Energy Facility

Your message

To: Unknown
Subject:

Caroline Evans

From: Kerryn Morrison <kerrynm@ewt.org.za>
To: 'Caroline Evans'
Sent: 14 August 2014 09:50 PM
Subject: Read: NOTIFICATION: Proposed Umsobomvu Wind Energy Facility

Your message

To: Unknown
Subject:

Caroline Evans

From: Lourens Leeuwner <lourensl@ewt.org.za>
To: 'Caroline Evans'
Sent: 15 August 2014 05:24 PM
Subject: Read: NOTIFICATION: Proposed Umsobomvu Wind Energy Facility

Your message

To: Unknown
Subject:

Caroline Evans

From: ThokoB <ThokoB@daff.gov.za>
Sent: 15 August 2014 10:02 AM
Subject: Read: NOTIFICATION: Proposed Umsobomvu Wind Energy Facility

Your message

To: Nondwe.Mdekazi@dedea.gov.za; tmakaudi@ncpg.gov.za; fouriel4@dwa.gov.za; Abe@dwa.gov.za; AbrahamsA@dwa.gov.za; ThokoB; MashuduMa; mokgadi.mathekgana@energy.gov.za; eddie.leach@eskom.co.za; LeaskK@eskom.co.za; NicolM@eskom.co.za; mm@pixleykaseme.co.za; fnel@chrishanidm.gov.za; fnxesi@chrishanidm.gov.za; mpela@umsobomvumun.co.za; tantsi@isat.gov.za; mpela@umsobomvu.co.za; ithatelo@salga.org.za; ldaniels@salga.org.za; jmafereka@salga.org.za; adlanjwa@salga.org.za; zmpulampula@salga.org.za; zcokie@salga.org.za; info@ecphra.org.za; rtimothy@nbkb.org.za; ratha.timothy@gmail.com; CouchRA@telkom.co.za; viljoena@sentech.co.za; radebej@sentech.co.za; andre.barnard@vodacom.co.za; krishna.chetty@mtn.com; hdippenaar@cellc.co.za
Cc:
Subject: NOTIFICATION: Proposed Umsobomvu Wind Energy Facility
Sent: Thu, 14 Aug 2014 12:03:37 +0200

was read on Fri, 15 Aug 2014 10:01:36 +0200

Caroline Evans

From: Lizelle Stroh <StrohL@caa.co.za>
To: Caroline Evans
Sent: 14 August 2014 03:59 PM
Subject: Read: NOTIFICATION: Proposed Umsobomvu Wind Energy Facility

Your message

To: Lizelle Stroh
Subject: NOTIFICATION: Proposed Umsobomvu Wind Energy Facility
Sent: Thursday, August 14, 2014 12:06:54 PM (UTC+02:00) Harare, Pretoria

was read on Thursday, August 14, 2014 3:58:42 PM (UTC+02:00) Harare, Pretoria.

Caroline Evans

From: CAMU Specialist Team <CAMU@atns.co.za>
Sent: 14 August 2014 12:39 PM
Subject: Read: NOTIFICATION: Proposed Umsobomvu Wind Energy Facility

Your message

To: spvanderwalk@karoomail.co.za; meyburgherasmus@gmail.com; wilt@nokwi.co.za; hsventer@nokwi.co.za; viljoen@oddworld.co.za; sep@suurfontein.co.za; driespienaar@gmail.com; divalphen@gmail.com; middelburgdistriklbv@gmail.com; bosuurberg@gmail.com; andries@ajbester.co.za; bpe@intekom.co.za; tp@midkaroo.co.za; gsnyman@mtnloaded.co.za; info@hillstonfarm.co.za; info@hillstonfarm.co.za; clift@vodamail.co.za; rbv@webmail.co.za; tafelkop0@gmail.com; hofmeyrboere@gmail.com; StrohL@caa.co.za; CAMU Specialist Team; GouwsJ@nra.co.za; daniel.marnewick@birdlife.org.za; iba@birdlife.org.za; conservation@birdlife.org.za; energy@birdlife.org.za; yolanf@ewt.co.za; harrietd@ewt.org.za; kerryn@ewt.org.za; glennr@ewt.org.za; lourensl@ewt.org.za; wessanc@yahoo.com; j-gon@intekom.co.za; joubertrene@telkomsa.net; marellmh@absamail.co.za; tourismmid@adsactive.com; joano@nda.agric.za
Cc:
Subject: NOTIFICATION: Proposed Umsobomvu Wind Energy Facility
Sent: Thu, 14 Aug 2014 12:06:54 +0200

was read on Thu, 14 Aug 2014 12:39:18 +0200

Caroline Evans

From: Hanneline Smit-Robinson <conservation@birdlife.org.za>
Sent: 14 August 2014 12:09 PM
To: Caroline Evans
Subject: Out of Office

Hi

Thank-you for your email. I am travelling locally and internationally from 6 until 19 August 2014. Please note that emails are not being auto-forwarded. For urgent queries, please contact BirdLife South Africa Head Office at 011 789 1122 or Linda van den Heever at linda.vdheever@birdlife.org.za

Kind regards
Hanneline

Caroline Evans

From: Mail Delivery System <Mailer-Daemon@www27.cpt4.host-h.net>
Sent: 14 August 2014 12:06 PM
To: c.evans@cesnet.co.za
Subject: Mail delivery failed: returning message to sender

This message was created automatically by mail delivery software.

A message that you sent could not be delivered to one or more of its recipients. This is a permanent error. The following address(es) failed:

mpela@umsobomvu.co.za
SMTP error from remote mail server after RCPT TO:<mpela@umsobomvu.co.za>:
host umsobomvu.co.za [50.57.126.210]: 554 5.7.1 <mpela@umsobomvu.co.za>:
Relay access denied

------ This is a copy of the message, including all the headers. ------
------ The body of the message is 2206582 characters long; only the first
------ 24576 or so are included here.

Return-path: <c.evans@cesnet.co.za>
Received: from 196-215-175-93.dynamic.isadsl.co.za ([196.215.175.93] helo=Nikita)
by www27.cpt4.host-h.net with esmtpa (Exim 4.80)
(envelope-from <c.evans@cesnet.co.za>)
id 1XHrt5-0004ww-L4; Thu, 14 Aug 2014 12:04:37 +0200
Return-Receipt-To: "Caroline Evans" <c.evans@cesnet.co.za>
From: "Caroline Evans" <c.evans@cesnet.co.za>
To: <Nondwe.Mdekazi@dedea.gov.za>,
<tmakaudi@ncpg.gov.za>,
<fouriel4@dwa.gov.za>,
<Abe@dwa.gov.za>,
<AbrahamsA@dwa.gov.za>,
<thokob@daff.gov.za>,
<MashuduMa@daff.gov.za>,
<mokgadi.mathekgana@energy.gov.za>,
<eddie.leach@eskom.co.za>,
<LeaskK@eskom.co.za>,
<NicolM@eskom.co.za>,
<mm@pixleykaseme.co.za>,
<fnel@chrishanidm.gov.za>,
<fnxesi@chrishanidm.gov.za>,
<mpela@umsobomvumun.co.za>,
<tantsi@isat.gov.za>,
<mpela@umsobomvu.co.za>,
<ithatelo@salga.org.za>,
<ldaniels@salga.org.za>,
<jmafereka@salga.org.za>,
<adlanjwa@salga.org.za>,
<zmpulampula@salga.org.za>,
<zcokie@salga.org.za>,
<info@ecphra.org.za>,
<rtimothy@nbkb.org.za>,
<ratha.timothy@gmail.com>,

Caroline Evans

From: Michelle Nicol <NICOLM@eskom.co.za>
Sent: 15 August 2014 01:40 PM
To: Caroline Evans
Subject: RE: NOTIFICATION: Proposed Umsobomvu Wind Energy Facility

Good day Sirs/ Madam

The abovementioned application, refers.

Please take note and ensure that the following is carried forward in your documents, that in respect of Eskom's powerlines, no encroachments are permitted within the following in respect of our servitudes:

400kV Lines = 38.540 metres on either side of the centre line
275kV lines = 38.5 metres on either side of the centre line
132kV lines = 18 metres on either side of the centre line
88kV lines = 16 metres on either side of the centre line
33kV lines = 16 metres on either side of the centre line
22kV lines = 12 metres on either side of the centre line
11kV lines = 12 metres on either side of the centre line

Eskom's under ground cables are usually layed 1 metre to 1.5 metres, when excavation is anticipated, ensure you check with our offices for cable positions.

Prior to the approval of the development, the owner shall lodge with the development Administration, for approval by the Minister, a certificate furnished by Eskom, the local municipality or other supplier of electricity for the benefit of the inhabitants of the development, to the effect that all substation servitudes required by it, will be provided, and have been depicted on the general plan, after installation of the services of the development.

Trees should not be planted within their horizontal falling distance of the power lines.

The roads crossing under the power lines may only cross in safe areas where, what is known as "broken conductor conditions" as defined in the Occupational Health & Safety Act 85 of 1993, are met. Generally, roads located within 10 m of wood poles are within legal safety requirements. This will be applicable to all property entrances adjoining existing roads.

The ground clearance, as prescribed by the law has to be maintained, the natural ground levels within the servitude area are therefore to be retained, and no soil, or any other material, may be stock piled within the servitude area.

No construction or excavation shall be executed within 10 meters of any steel Eskom power line structure or within 3 metres of any wood pole or stay wire. Where civil work is done outside of this radius the soil must be suitably sloped and protected so as not to cause erosion in or onto the 3 metre radius of undisturbed soil.

Under no circumstances shall rubble, earth or other material be dumped within the servitude area. The applicant shall maintain the area concerned to Eskom's satisfaction. The applicant shall be liable to Eskom for the cost of any remedial action, which has to be carried out by Eskom.

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 permission having been granted by Eskom. If such permission is granted the applicant must give at least seven working days prior notice of the

commencement of any work. This allows time for the arrangements to be made for supervision and/or precautionary instructions to be issued

Eskom shall not be liable for the death 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 applicant, his/her agent, contractors, employees, successors in title, and assigns. The applicant indemnifies Eskom against loss, claims or damages including claims pertaining to consequential damages by third parties and whether as a result of damage, or interruption of, or interface with Eskom's services, or apparatus, or otherwise.

Eskom shall not be held responsible for damage to the applicant's equipment. The applicant's attention is drawn to the Electricity Act, 1987, (Act 41 of 1987, as amended in 1994), Section 27(3), which stipulates that the applicant can be fined and/or imprisoned as a result of damage to Eskom's apparatus.

Please note that the applicable building restrictions either side of any existing powerline must be adhered to when planning new buildings or developments on the property.
Routes for future powerlines must be made available for Eskom to instal, if applicable.

Please further take note that the costs of relocations of any of Eskom's infrastructure, will be for the account of the developer. New routes must be made available if Eskom needs them to relocate, due to your development.

Applications can be lodged via Eskom's call centre on 086 003 7566.

Please further take note that if any 275kV, 400kV or 765 kV Lines are involved, you need to send a copy of the application to Eskom's transmission division at Megawatt Park. Attention Lungile Motsisi, email : motsisL@eskom.co.za.

Regards

Michelle
Eskom Holdings SOC Ltd
Lands and Rights Section
Land Development Department
P O Box 66, New Germany, 3620
Fax to Email: 0866672564
Tel: 031-7105404
Email Address: NicolM@eskom.co.za

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REMEMBER YOUR POWER

From: Caroline Evans [mailto:c.evans@cesnet.co.za]
Sent: 14 August 2014 12:04 PM
To: Nondwe.Mdekazi@dedea.gov.za; tmakaudi@ncpg.gov.za; fouriel4@dwa.gov.za; Abe@dwa.gov.za; AbrahamsA@dwa.gov.za; thokob@daff.gov.za; MashuduMa@daff.gov.za; mokgadi.mathekgana@energy.gov.za; Eddie Leach; Kevin Leask; Michelle Nicol; mm@pixleykaseme.co.za; fnel@chrishanidm.gov.za; fnxesi@chrishanidm.gov.za; mpela@umsobomvumun.co.za; tantsi@isat.gov.za; mpela@umsobomvu.co.za; ithatelo@salga.org.za; ldaniels@salga.org.za; jmafereka@salga.org.za; adlanjwa@salga.org.za; zmpulampula@salga.org.za; zcokie@salga.org.za; info@ecphra.org.za; rtimothy@nbkb.org.za;

ratha.timothy@gmail.com; CouchRA@telkom.co.za; viljoena@sentech.co.za; radebej@sentech.co.za; andre.barnard@vodacom.co.za; krishna.chetty@mtn.com; hdippenaar@cellc.co.za
Subject: NOTIFICATION: Proposed Umsobomvu Wind Energy Facility

Dear Stakeholders

This serves to notify you of the start of the EIA (Environmental Impact Assessment) process for the Proposed Umsobomvu WEF (Wind Energy Facility) located on the border between the Northern Cape and Eastern Cape Provinces. In the Northern Cape, the proposed WEF falls within the Umsobomvu Local Municipality, in the Pixley ka Seme District Municipality, as well as in the Inxuba Yethemba Local Municipality and Chris Hani District Municipality in the Eastern Cape. The wind farm will host approximately eighty one (81) turbines, with a potential power output of one hundred and forty (140) megawatts (MW).

For additional information please find the letter of notification and background information documents attached. For your convenience we have attached both an English and Afrikaans version of the BID; when responding please specify the language in which you wish to receive further correspondence.

Please do not hesitate to contact me should you have any queries.

Kind regards
Caroline

EOH

Caroline Evans
Environmental Consultant
EOH Coastal & Environmental Services

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Herrie bars los oor sloping in hoofstraat

Een van die eertydse woonhuise in Colesberg se hoofstraat wat onlangs te midde van groot omstredenheid onder die slopers se pikke en skopgrawe geswig het.

COLESBERG — 'n Herrie het die afgelope week losgebars oor die sloping van verskeie eertydse woonhuise in die hoofstraat, wat tans dreig het om die ontwikkeling van 'n multi-miljoen rand winkelkompleks te kelder.

Sommige inwoners het naamlik 'n klag by Heritage Northern Cape (Ngwao-Boswa Jwa Kapa Bokone) in Kimberley gelê dat ontwikkelaars besig was om historiese geboue onwettig te sloop.

Alhoewel drie van die geboue uit die eerste helfte van die vorige eeu teen verlede week reeds plat gestoot was, het die historiese vereniging se AM Timothy nogtans Vrydag gevra dat die SA Polisie die slopery dadelik sal stopsit.

Volgens Timothy se faks, wat die Advertiser onder oë gehad het, was dit onwettig om geboue ouer as 60 jaar plat te slaan - aangesien dergelike strukture deur Seksie 34 van die National Heritage Resources Act N°25 van 1999 beskerm word.

"I would therefore like to request the local municipality to immediately follow (up) this matter and demand that the SAPS (Police) stop the development, once the culprit has failed to obtain a permit from the relevant heritage resources authority.

In this case Ngwao Boswa Jwa Kapa Bokene (Heritage, Northern Cape)"

Hierdie vonkpos is oorspronklik gestuur aan Themba Mosompha, Umsobomvu Munisipaliteit se tegniese bestuurder , en geteken deur AM (Ratha) Timothy.

Volgens inwoner Johannes Williams wat die faks onder die Advertiser se aandag gebring het, was Mosompha heel aggressief toe hy hom oor die beweerde sloping voor stok kry.

Dit het niks met my te doen nie; gaan praat met Kimberley, was botweg sy antwoord.

Volgens Neels van der Nest, die ontwikkelaar en voormalige Colesberger wat deesdae in Durbanville woon, en met wie die Advertiser Maandag telefonies gesels het, het hy al die nodige vergunning van Umsobomvu Munisipaliteit om die ou geboue te sloop, en dra al sy planne vir die nuwe ontwikkeling die munisipaliteit se amptelike stempel.

Hier is hy naamlik besig om twee winkel-strukture van 800vkm elk teen 'n koste van Rl0 tot R12 miljoen op te rig wat 'n vibrante lewensstyl tot die dorp se sakekern sal toevoeg.

Die ou huise, wat voorheen op ses erwe van Ketelfontein Kwekery gestaan het, was volgens hom alreeds vervalle, en het bulle deur die jare soveel strukturele aanpassings ondergaan, dat hulle vandag van geen argitektoniese waarde meer was nie - een van hulle is twee jaar gelede in elke geval ook reeds deur vandale uitgebrand.

Buitendien was hierdie huise reeds vir jare nie meer bewoon nie, en is een van bulle reeds sedert 1970 as teekamer gebruik, en het 'n ander een vir meer as 30 jaar as oornag gasteverblyf gedien.

Ook is al die eertydse woonhuise in die hoofstraat oor die jare in elke geval reeds in kommersiële weerbare eenhede omgeskep, het Van der Nest vervolg.

Intussen het 'n ander ontwikkelaar verskeie woonhuise oorkant die straat ook reeds tot die grond gesloop, met blykbaar soortgelyke planne om daar in hul plek ook 'n kompeterende winkelsemtrum op te rig.

Die Advertiser hoop om binnekort 'n argitektoniese konsep van hierdie nuwe toevoegings tot die dorp se ekonomiese groei te plubliseer - as bewys dat Colesberg een van die min plattelandse dorpe is waar vooruitgang uiterlik sigbaar is.

Elite duiwe-veiling stel erg teleur

COLESBERG — Die ekonomie wat tans oral noustrop trek, is moontlik een van die redes waarom 'n top vlug vlieërs verlede week slegs sowat R4 000 stuk behaal het.

Dit was naamlik toe 'n stuk of 120 van plaaslike teler Gavin Rous se hoogs-geteelde posduiwe slegs sowat R500 000 op 'n prestige veiling in Gauteng kon haal.

Aangesien heelwat van hierdie broei-duiwe uit top oorsese bloedlyne geteel is, plus die dik glans-katologus wat hul geslagsregisters wyd en syd adverteer het, het kenners aanvanklik heelwat hoër pryse verwag.

Volgens ons inligting is Rous egter nie deur hierdie teleurstellende pryse ontmoedig nie, en sal sy hokke weer volgende jaar met mening aan plaaslike en nasionale wedvlugte begin deelneem.

50 000ha van distrik se plaasgrond in die mark

COLESBERG — Sowat 50 855ha van die distrik se bossiesveld word tans aggressief in die landboupers bemark.

Teen heersende pryse van R3 000 per ha, kan hierdie lap aarde vanaf die dorp in Philipstown se rigting teen sowat R153 miljard waardeer word.

By navraag blyk dit dat hierdie grond deel is van die stuk grond waarop ontwikkelaar Mark McAdam verlede jaar opsies geneem het, met die doel om dit in een van die grootste privaat wild-reservate in die land te ontwikkel.

Destyds was daar selfs sprake dat van die Arabiese emirs uit Kuweit van plan was om vir hulself hier 'n privaat jagveld te skep.

Ofskoon sulke grandiose planne later deur McAdam self ontken is, het die gerugte bly rondvlieg.

Die plase wat tans wyd en syd deur Rob le Sueur, 'n Durbanse eiendomsagent, adverteer word, sluit verskeie plase uit die oorspronklike aanbieding in.

Onder hulle is verskeie porsies van Susan Bell se Ganzengaot wat altesaam 2 259ha beslaan, asook 1 585ha van Barbara Silcock se Knoffelfontein.

Nog twee lappe grond wat in die advertensies gespesifiseer word, is 3 289ha van Abraham Kruger se Rietfonten, en 2 788ha van MJ Venter se Kuipersfontein, plus sowat 4 235ha van 'n plaas genaamd Kattegat.

Volgens ons inligting vorm hierdie grond deel van die grond waarop Mark McAdam en Rob le Sueur verlede jaar opsies geneem het.

Alhoewel sommige van hierdie opsies intussen verval het, is daar steeds van hulle wat nog tot die einde van Augustus afdwingbaar is.

Intussen het Mark McAdam homself in SMS'se aan die betrokke eienaars van die huidige advertensie-veldtog gedistansieer, wat kan beteken dat Durban se Rob le Sueur tans moontlik op eie inisiatief optree.

Dalk sal die werklike stand van sake binnekort duideliker word.

Watch this space!

Liefdadigheidsorganisasie deur borg besoek

Projek Geraint, die liefdadigheidsorganisasie van Eunice Reed wat ter nagedagtenis aan haar seuntjie in 2011 gestig is, het die afgelope naweek besoek gehad van een van hul borge. Bishop David Haag en sy vrou Donna wat oorspronklik afkomstig is van Dakota (Amerika) en tans in Kwazulu-Natal woon, was op besoek in die Oos-Kaap streek. Hulle vorm deel van die SAEM (South African Evangelistic Mission) kerkgenootskap in Suid-Afrika. Kos, klere en lekkergoedpakkies was deur hul geskenk. Eunice samel oral waar sy kom klere in wat sy dan versprei aan behoeftige kinders. Die sorgsentrum word tans nog deur geen organisasie finansieël ondersteun nie en verskaf Reed uit haar eie sak kos. By die sentrum in Carolstraat, word verskillende programme aangebied om kinders besig te hou. Daar is baie uitdagings in die Lowryville gemeenskap en Reed pak dit aan met baie liefde in haar hart - elke kind het 'n spesiale plekkie. Sy kan gekontak word by 073 521 1187 indien daar enige iemand is wat 'n skenking of bydrae vir hierdie fantastiese uitreik- en omgee projek wil lewer. Die span wat saamstaan en saamwerk is (agter) Pastoor Louw, Vincent Harmse, Biskop David Haag, George Reed, Eunice Reed, (voor) Georgina Harmse, Donna Haag, Ria Coetzee en Cathrine Thebe.

Vis bly maar sku vir die aas

COLESBERG — Selfs die Gariep se babers en die karpe was maar lugtig om die hengelaars se hoeke in die afgelope naweek se gure weer te sluk.

Gevolglik kon agt hengelaar tussen hulle slegs 'n sak van 17,3kg op die skaal besorg, berig Bertha Hartley. Marius Strydom het die swaarste geelvis van 1.37kg sowel as die swaarste onderbek van 1.32kg geland, terwyl JP Marais die swaarste karp van 1.66kg ingekatrol het. Volgens Hartley sal die volgende hengel-uitstappie eers weer in in September plaasvind.

Oud, maar nog nie koud!

COLESBERG — Die veteraan gholfer, Jimmy Searle, het Saterdag op 87 jaar weer sy slag met die lang stok gewys toe hy saam met Charlie van den Hever 48 punte vir die eerste plek in 'n beter-bal kompetisie op die plaaslike baan gemoker het.

Pieter Badenhorst (jnr) en Armand Bekker was tweede, met 44 punte, en MJ Venter saam met Marius Haarhoff saam derde met hul 43 punte, berig Dries Lubbe.

Kopwind kortwiek vinnig vlieërs

COLESBERG — 'n Sterk kopwind het die Klub se duiwe Saterdag weer lelik gekortwiek.

Die gevolg was dat die eerste duif tuis 'n gemiddelde spoed van slegs 1 129,3068mpm (67kpu) oor die 403km vanaf Prins Albert kon haal. In die ope-afdeling het Paul Viljoen se hokke die eerste twee plekke kon klok, met CC Poggenpoel derde, Marius Behrens in die vierde en vyfde plekke. Onder die jong duiwe het Philippolis se Pietie en Danie Cilliers die eerste en vyfde plekke gevul, met David en Terence Gorrah in die tweede plek, Paul Viljoen in die derde, en Marius Behrens in die vierde plek.

EOH Coastal & Environmental Services

Proposed Umsobomvu Wind Energy Facility

(Umsobomvu Local Municipality, Northern Cape and Inxuba Yethemba Local Municipality, Eastern Cape)

DEA Reference Number: 14/12/16/3/3/2/730

NOTICE OF ENVIRONMENTAL IMPACT ASSESSMENT

Notice is hereby given in terms of Regulation 54(2) of GN R.543 under Chapter 5 of the National Environmental Management Act (Act 107 of 1998), of the intent to submit an Environmental Impact Assessment to the National Department of Environmental Affairs (DEA).

InnoWind (Pty) Ltd. propose to operate a Wind Energy Facility approximately 20 km southwest of Noupoort and 18 km northwest of Middelburg. The proposed project will entail the construction of approximately 81 wind turbines (1 – 4 MW) with a total electricity generation capacity of 140MW.

EOH Coastal & Environmental Services has been commissioned by InnoWind (Pty) Ltd. to undertake the Environmental Impact Assessment. You are hereby invited to register as an Interested & Affected Party (I&AP). Please submit your name, contact information and any comments to the contact person below.

For more information, registration as an I&AP or submission of written comments contact via post, phone, fax or e-mail:

KENNISGEWING VIR OMGEWINGSIMPAKBEPALING

Hiemee word kennisgewing gegee in terme van Regulasie 54(2) van GK R.543 ingevolge Hoofstuk 5 van die Nationale Wet op Omgewingsbestuur (NEM) (Wet 107 van 1998), van die voorneme om 'n omgewingsimpakbepaling in te dien aan die Nationale Departement van Omgewingsake (DOS).

InnoWind (Edms) Bpk. bied 'n voorstel aan vir die bedryf van 'n Windkragaanleg ongeveer 20 km suidwes van Noupoort en ongveer 18 km noordwes van Middelburg. Die voorgestelde projek behels die konstruksie van ongeveer 81 wind turbines (1 – 4 MW) met 'n totale opwekking kapasiteit van 140 MW elektrisiteit.

EOH Coastal & Environmental Services is aangestel deur InnoWind (Edms) Bpk. om die Omgewingsimpakbepaling (OIB) te onderneem. U word hiermee uitgenooi om as 'n Belanghebbende en Geaffekteerde Party (B&GP) te registreer. Stuur asseblief u naam, kontakbesonderhede en enige kommentaar aan die onderstaande kontakpersoon.

Vir meer inligting, registrasie as 'n B&GP of die inhandiging van geskrewe kommentaar, kontak per pos, telefoon, faks of e-pos:

Caroline Evans
PO Box 8145, Nahoon, East London, 5210,
Tel: 043 726 7809, Fax: 043 726 8352,
E-mail: c.evans@cesnet.co.za

gm20799

CHS in die ATKV Tienertoneel Streeksfinaal

CRADOCK

Honderd vyf en-tagtig toneelgroepe van regoor Suid-Afrika en Namibië neem deel aan die ATKV-Tienertoneelkompetisie wat vanjaar sy 50ste bestaansjaar vier en dit vind plaas vanaf 28 Julie tot 30 Augustus.

Die ATKV se droom vir die kompetisie is om liefde vir Afrikaanse toneelspel en kyk by hoërskoolleerders te kweek sodat leerders hul kreatiwiteit en talente daardeur kan ontgin en ontwikkel.

Hierdie jaar se uitgelese beoordeelaars is: Pedro Kruger (***Dinsdae by Morrie, Festen, Normality*** en ***L i r i e k e r a a i***), Antoinette Louw (***Die*** *laaste tango, 7de Laan, Die Proponentjie* en *Nag, Ma*), **Cintaine Schutte** (*Nagwond, Boetie dis tyd om te bid as 'n seekoei op jou skoot kom sit, Wie drink wat?* en *Boland Moorde)*, **Jefferson J. Dirks-Korkee** (*Skoonheid, Jonas* en *Kanna hy kô hys toe*), **Ira Blanckenberg** (*Egoli, Binnelanders, 7de Laan, Vloeksteen* en *Toevlug*), **Ilse Oppelt** (*Fishy Fêshuns, Die Proponentjie* en *Klein Karoo*), **Gerrit Schoonhoven** (*Broer Matie, Matthew, M e e u l a n d e r s , Soutmansland* en *Orion*) en **Wilhelm van der Walt** (*Rooiland, Taraboemdery, Land van skedels, Breinbliksem* en *7de Laan*) sal optree as beoordelaars.

Dramagroep saam met beoordelaars

Hoërskool Cradock het verlede week, 14 tot 16 Augustus by Kingsway High School in Amanzimtoti, deelgeneem aan die Natalstreeksuitdun met 2 produksies deur Melina Smit: "Anne's Villa" en die nuutgeskrewe '"Sien?" Die 18 toneelspelers en tegnici het nie net die streeksfinaal gehaal nie, maar is ook met die volgende toekennings bekroon vir baie harde werk.

Toekennings: "Annes Villa"

Brons vir toneelspel: Kathy de Wet, Annine Keevy en Lula van den Heever

Silwer vir toneelspel: Jani Marais

Toekennings: "Sien?"

Tegniese Span (naamlik Ilge-Mari Schutte, Thomas Lord, Zander Niemand en Dirkie Cronje) ontvang brons

Silwer vir teks en regie

Silwer: Yana Piek vir toneelspel.

Goud; Annelu le Roux en Wian Taljaard vir toneelspel.

ATKV ken slegs by hoë uitsondering goue toekennings by 'n streeksfinaal toe en het hierdie keer het slegs 2 uit meer as 100 deelnemers in die 9 produksies die eer te beurt geval: CHS se Annelu le Roux en Wian Taljaard. Die vreugde was groot toe "Anne's Villa" in die 4de plek en "Sien?" as wenners aangewys is.

Die Tienertoneelfinaal vind plaas tydens die Clover Aardklop Nasionale Kunstefees van 7 tot 11 Oktober. Die tien finaliste sal gedurende die eertse week van September na afloop van die s t r e e k s f e e s t e aangekondig word.

CHS wil die volgende persone bedank, Danie en Marie Janse van Rensburg, Chris & Lizelle Bekker, Abrie le Roux en Jurie Taljaard vir hulle ondersteuning.

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Geelbek Elite ramme keer terug na Geelbeksfontein

Na n afwesigheid van amper 40 jaar is Geelbek Merinoramme weer terug op die plaas van hul oorsprong en ook die plaas wat veroorsaak het dat die gewone merinoboere na hulle begin verwys het as geelbekke. Dit was ook om die onderskeiding te kon maak, tussen die skape wat sonder lyfplooie was, en die res van die merino's van SA wat grootliks vol plooie was. Mnr Dirk Van Schalkwyk van Piketberg wat ook Geelbeksfontein van die Richmond distrik besit het Woensdag 6 Aug vir hom vier ramme gekoop op die 46ste Geelbek Elite veiling wat op die plaas Leopardsvlei plaasgevind het. Die Ramme is bestem vir sy merino- kudde op Geelbeksfontein. Dit is waar wyle Fanie Naude en sy broer Fransie geboer het in 1930 toe hulle besluit het dat merinos sonder plooie baie beter vaar as die met plooie.

141 ramme is aangebied en is almal verkoop vir n gem. prys van R7609. Mnr Eddie Prinsloo van Smithfield het R42 000.00 betaal vir n baie mooi Poenskopram van mnr. Willem Retief van Hanover. Mnr Eric Naude het R25 000.00 vir n Meriete ram gekry wat gekoop was deur mnr Pieter v.d Merwe van Rondawel Richmond. Mnr Naude het ook n Silwer Meriete Poenskop ram verkoop vir R23 000.00 aan mnr HL Kitshoff & Seuns van Egbertsvlei Moorreesburg.

77 van die 141 ramme wat aangebied was is verkoop vir R7000.00 of minder wat n bewys is dat goeie kudde-ramme beskikbaar is op hierdie veiling wat bekostigbaar is vir die gewone Merino kudde boer.

Die Karoo Drakensbergerklub het ook 11 bulle op hierdie veiling verkoop vir n gem. prys van R21 636.00. Mnr Gappie de Klerk van Graaff-Reinet het R32 000.00 betaal vir n bul van mnr. Willem Retief wat die hoogste prys op die veiling was.

Die aand van die veiling het dit sag begin reën en tot 30mm is gemeet. Die Geelbek Elite telers bedank almal vir hul ondersteuning en veral ons Hemelse Vader vir die vroeë lente reën

Mnr Eddie Prinsloo van Smithfield het R42 000.00 betaal vir die Poenskopram van Willem Retief van Hanover.

Mnr Pieter v.d Merwe van Rondawel Richmond het R25 000.00 vir n Meriete ram van mnr Eric Naude van Middelburg EC

Free KFC beanie
when you spend R150 at KFC Cradock

7/14/21/28

Local Schoolboys excel.

The Midlands area has over generations provided a steady flow of boys who have matriculated from Grey in Port Elizabeth. These learners have been drawn lately from the districts of Somerset East, Cradock and Middelburg and they have all excelled at Grey in many ways . The Grey Boarding House has an intake of 150 boarders and there is a waiting list to enter this comfortable home from home at a school which has an enrolment of 860 learners. Names that readily come to mind from the 20 odd boys who hail from these districts include Stanley Davenport of Pearston who has been selected as the Senior Student Officer of the 500 strong Grey Cadet Detachment for 2015. It is indeed a signal honour as Grey is the last Government school that has a fully -fledged outfit that performs both the Trooping of The Colour and Retreat Ceremonies. Grey believes that the practice instills a strong discipline and the annual parades are attended by thousands of old boys and members of the public. Stanley is not the first from Pearston to be elected to this high cadet rank. James Hobson in 1999 achieved similar!

Keanu Vers of Middelburg has been selected as a member of the SA U18 Rugby Team and is a brilliant centre though he prefers to play at fullback. Keanu, who is only in Grade 11, has benefitted from Grey's Outreach Programme which has over the past two decades afforded an opportunity of a Grey education to promising youngsters. Keanu took that chance with both hands! The Grey U14A and 15A rugby sides are both ranked 4th in RSA. In the U14 team CJ Greeff and Louis du Preez, of Cradock, have established themselves firmly in the side which in itself is an achievement considering that there are four U14 teams and there is huge competition for a place. Philip Weyer-Henderson, David Davenport and Campbell de Wet are members of the U15A team that lost their unbeaten record in their last game against Selborne. They had just accounted for Grey College two weeks previously and were almost home and dry for an unbeaten season! And to prove that it is not all about sport Anthony Abrahamson was recently awarded his Academic Colours. Well done! IP

Province of the EASTERN CAPE
HUMAN SETTLEMENTS

BID NOTICE

The Eastern Cape Department of Human Settlements hereby invites contractors to submit bids for the following projects:

PROJECT DESCRIPTION	COMPULSORY BRIEFING SESSION DETAILS	CLOSING DATE	PROJECT MANAGER
SCMU11-14/15-RFQ0027: The Appointment Of A Service Provider For The Review Of Multi-Year Human Settlements Development Plan	One Hundred Rand (R100.00)	11h00 on the 05th September 2014	Mr V Nqweniso: Tell: (+27) 43 711 9587 Cell: (+27) 74 142 3874 E-mail:VuyaniN@ecdhs gov.za
SCMU11-14/15-RFQ0028: The Appointment Of A Service Provider to drive implementation project on skills gap closure for Equiping Staff in the Amathole and Buffalo City Municipality regional offices to implement service delivery model and performance culture change management.	One Hundred Rand (R100.00)	11h00 on the 16th September 2014	Mr K Macibela: Tell: (+27) 43 711 9536 Cell: (+27) 76 938 1872 E-mail:KennethM ecdhs.gov.za

BIDDERS MUST TAKE NOTE OF THE FOLLOWING:
An approved formal performance guarantee will be required;
- Bids will be subjec ted t o a t wo stage evaluation sy stem - evaluation of the func tionality and pric e and preference evaluation on the 80/20 pr eference point sy stem in t erms of the P referential Procurement Policy Framework Act (Act 5 of 2000) and 2011 Regulations thereto and points for B-BBEE Status;
- Bidders are required to submit an original and valid B-BBEE status level veriÅcation certiÅcate or certiÅed copies thereof together with their bids to substantiate their B-BBEE rating claims;
- Bidders which do not possess the B-BBEE status veriÅcation certiÅcate will not qualify to claim points for B-BBEE status level contributor, only points for price will be considered;
- Bidders must submit an Original and Valid SARS Tax Clearance CertiÅcate with the bid in order to be considered;
- Tender Forms (Form of offer and ac ceptance) that ar e incomplete or inc orrectly completed will r esult in the disqualiÅcation of that tender

All bid forms must be completed;
Late, telephonic, faxed or bids which are not deposited in the relevant Bid Box will not be accepted;
Failure to complete all supplementary information and the RETURNABLE SCHEDULES may result in the bid being deemed non-responsive and be eliminated;
The lowest or any bid will not necessarily be accepted; and
The Department reserves the right to accept or reject any bid.
NOTE: There will be no brieÅng session for the above mentioned projects; all enquiries regarding the terms of reference must be referred to the relevant identiÅed program manager.

Enquiries r egarding the P rocurement P rocess ma y be dir ected to: M r. L oyiso Dukashe: – Supply Chain Management; Eastern C ape Depar tment of Human S ettlements; 31-33 Phillip F rame Road , Waverley P ark, Chiselhurst East London, 5200; Tel: (+27) 43 711 9643; Cell: (+27) 82 8383 208 142 4781 Email: LoyisoD@ecdhs.gov.za

Completed Bid Documents in a sealed envelope endorsed with Bid Number and Description must be deposited in the Bid Box at the Department of Human Settlements, Ground Floor, Steve Tshwete House, 31-33 Phillip Frame Road, Waverly Park Chiselhurst, East London, not later than at 11H00 on the closing dates.

Eastern Cape Province

EOH Coastal & Environmental Services

Proposed Umsobomvu Wind Energy Facility
(Umsobomvu Local Municipality, Northern Cape and Inxuba Yethemba Local Municipality, Eastern Cape)

NOTICE OF ENVIRONMENTAL IMPACT ASSESSMENT

DEA Reference Number: 14/12/16/3/3/2/730

Notice is hereby given in terms of Regulation 54(2) of GN R.543 under Chapter 5 of the National Environmental Management Act (Act 107 of 1998), of the intent to submit an Environmental Impact Assessment to the National Department of Environmental Affairs (DEA).

InnoWind (Pty) Ltd. propose to operate a Wind Energy Facility approximately 20km southwest of Noupoort and 18km northwest of Middelburg. The proposed project will entail the construction of approximately 81 wind turbines (1-4MW) with a total electricity generation capacity of 140MW.

EOH Coastal & Environmental Services has been commissioned by InnoWind (Pty) Ltd. to undertake the Environmental Impact Assessment. You are hereby invited to register as an Interested & Affected Party (I&AP). Please submit your name, contact information and any comments to the contact person below.

For more information, registration as an I&AP or submission of written comments contact via post, phone, fax or e-mail:

Caroline Evans
P.O. Box 8145, Nahoon, East London, 5210
Tel: 043 726 7809, Fax: 043 726 8352
e-mail: c.evans@cesnet.co.za

2008_EOH-CoastalEnvironment

Michael James Organisation

DISPOSAL AUCTION

Duly instructed, the Michael James Organisation will submit the following for public auction

REPOSSESSIONS

Auction Date:	THURSDAY, 21ST August 2014 @ 10H00
Venue:	Our warehouse: 2 North Road, North End, P.E.
Viewing:	Wednesday 20th August 2014 9am -4pm

REPOSSESSED FURNITURE

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ALL BUYERS PURCHASING TELEVISION SETS MUST BRING A VALID TV LICENCE IN HIS/HER NAME OR BIDS WILL NOT BE ACCEPTED!!!

2008_MichaelJames

Terms:	R5 000.00 refundable deposit. 10% Commission + VAT on fall of hammer, FICA Doc's & TV licences required
Contact:	ANGELA KOTZE – 041 487 3957 (pewarehouse@michaeljames.co.za)

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Michael James Organisation

REPOSSESSION AUCTION

Instructed by the Disposal Managers, **Michael James Organisation** will submit for Public Auction

P.E. VEHICLE SALE

Auction Date	Tuesday, 26 August 2014 @ 10h30
Venue	MJO Repo Centre, Cnr De Villiers & North Str, Northend, PE
Viewing	Daily - 09h00 to 16h00

NEDBANK MFC
Insolvent Estate JR Stern & Estate Late KLG Felix
Cameron Pet Foods (In Liquidation)
Emvest (In Liquidation)
Mario Levi Manufacturers (In Liquidation)
JT Louw t/a JT Vervoer (In Liquidation)

VEHICLE SALE

4 x 2011 TOYOTA QUANTUM SESFIKILE 2.5-4D		2002 MERCEDES-BENZ C180K CLA
2005 RENAULT GRAND SCENIC II	2010 TOYOTA AVANZA 1.3 S	2011 PROTON GEN 2 1.6 GLX
2005 HYUNDAI BAKKIE 2.6i D	2013 PEUGEOT 107 URBAN	2010 HYUNDAI H-1 GLS 2.4 CVV
2012 FORD FIGO 1.4 AMBIENTE	2011 VOLKSWAGEN AMAROK 2.0TD	2007 SAAB 9 3 SPORT 2.0 T
2005 FORD IKON 1.3i LX	2005 TATA INDICA 1.4 Lsi	2012 HYUNDAI H100 2.6D
2010 HYUNDAI BAKKIE 2.6i D	2004 RENAULT SCENIC II	2012 MAZDA 2 1.3 ACTIVE
2012 FOTON THUNDA 2.2i	2013 TATA INDICA 1.4 VISTA	2006 VOLKSWAGEN JETTA 1.6
2013 MITSUBISHI PAJERO SPORT	2011 MERCEDEZ BENZ C350	2007 VOLKSWAGEN CADDY 1.6
2000 TOYOTA HILUX	2006 FIAT DUCATO MAXI 2.8	2005 AUDI A4 TDI
2004 VOLKSWAGEN POLO CLASSIC	2002 OPEL CORSA CLASSIC 1.6	2006 ARGOSY CAT C15-515 FREIGHTLINER
2000 BDJ BODIES INTERLINK TRAILER	2007 VOLKSWAGEN VELOCITY 1.4	2005 RENAULT LAGOON 1.8 16V
1999 VOLKSWAGEN CARAVELLE Vr6	2008 BMW 3 SERIES	2010 FIAT STRADA 1.4

Finance available by Auction Finance: Bonnita Fourie - 082 875 1207
Visit our website: www.michaeljames.co.za Ref 120

Terms:	R10 000 Registration Deposit, Documentation Fee + Vat Payable. Further Terms & Conditions Apply. FICA requirements apply to every sale. Bring ID & proof of residence. No sale will be conducted without meeting FICA requirements. All of the above is subject to change without prior notice. Michael James Organisation or the Financial Institution's representative may bid to the reserve price on behalf of the Seller. General Rules of Auction available on website.
Contact:	Rolene on 041 4873957 or e-mail: rolene@michaeljames.co.za Auctioneer: Andrew James

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LEGALS

NOTICE OF ENVIRONMENTAL IMPACT ASSESSMENT PROCESS
PUBLIC PARTICIPATION PROCESS

PROPOSED WITTEKLEIBOSCH-DIEP RIVER 132kV POWER LINE AND WITTEKLEIBOSCH SWITCHING STATION LINKING THE TSITSIKAMMA COMMUNITY WIND FARM TO THE ELECTRICITY GRID, EASTERN CAPE PROVINCE

NOTIFICATION OF GRANTING OF AUTHORISATION BY DEA FOR PROJECT
DEA Reference No. 14/12/16/3/3/1/699

Eskom Holdings SoC Limited submitted an application for authorisation to the National Department of Environmental Affairs (DEA Ref No. 14/12/16/3/3/1/699) for the construction of a proposed Wittekleibosch-Diep River 132kV power line and Wittekleibosch Switching Station linking the Tsitsikamma Community Wind Farm to the electricity grid.

In terms of Regulation 10(2)(a), the applicant hereby advises that the Department has granted Eskom Holdings SoC Limited authorisation for this project. The environmental authorisations (dated 14 August 2014), conditions for these authorisations, as well as reasons for the decision can be requested from Savannah Environmental at info@savannahsa.com or downloaded from the website www.savannahsa.com

Your attention is drawn to Chapter 7 of the EIA Regulations which regulates appeal procedures. Should you wish to appeal any aspect of the decision by DEA, you must lodge a notice of intention with the Minister within twenty (20) days of the date of the decision. A copy of the official appeal form can be obtained from the following person at the Department:

» Mr T.H. Zwane, Senior Legal Administration Officer (Appeals), Tel: (012) 399 9356, AppealsDirectorate@environment.gov.za

Please note that you must submit your appeal by post to Private Bag X447, Pretoria, 0001 or by hand to Environment House, 473 Steve Biko, Arcadia, Pretoria. Please note that ***appeals should not be addressed to the consultant*** (Savannah Environmental).

2008_Savannah-Environment

Province of the EASTERN CAPE
HUMAN SETTLEMENTS

BID NOTICE

The Eastern Cape Department of Human Settlements hereby invites contractors to submit bids for the following projects:

PROJECT DESCRIPTION	COMPULSORY BRIEFING SESSION DETAILS	PROJECT MANAGER
SCMU11-14/15-0007: Appointment of a Turnkey Contractor for Tshabo (Phase 3) Rural Housing Project	Tuesday, 26 August 2014 @ 12H00 - Converge at Berlin Town Hall then proceed to the site	Mr Sazi Sobopha Tel: 043 711 8740 / 082 8282 569
SCMU11-14/15-0010: Provision of a Professional Service Provider for a feasibility study and the compilation of a beneÅciary master list in various villages surrounding Dimbaza (Pirie Mission, New Rest Mzitshane, Nomgwadla Dumalisile, Nyanisweni and Pirie Trust)	Monday, 25 August 2014 @ 12H00 – Moses Twebe Community Hall in Dimbaza Township, King William's Town	Mr Sazi Sobopha Tel: 043 711 8740 / 082 8282 569
SCMU11-14/15-0011: : Provision of a Professional Service Provider for a feasibility study and the compilation of a beneÅciary master list in various villages surrounding Dimbaza (Xwitinja, Myeni, Upper Mnqqesha, Madakeni, Zabalaza, Nkosiyane and Nakani)	Monday, 25 August 2014 @ 12H00 – Moses Twebe Community Hall in Dimbaza Township, King William's	Mr Sazi Sobopha Tel: 043 711 8740 / 082 8282 569
SCMU11-14/15-0012: Provision of a Comprehensive, Integrated Mobile Telecommunication Solution for a period of twenty four (24) months	Tuesday, 26 August 2014 @ 10H00 - Ground floor Boardroom, Eastern Cape Department of Human Settlements; 31-33 Phillip Frame Road, Waverley Park, Chiselhurst, East London	Ms Nosisa Macingwane Tel: 043 711 9624 / 072 5122412

BIDDERS MUST TAKE NOTE OF THE FOLLOWING:
An approved formal performance guarantee will be required;
- Bids will be subjec ted t o a t wo stage evaluation sy stem - evaluation of the func tionality and pric e and preference evaluation on the 90/10 pr eference point sy stem in t erms of the P referential Procurement Policy Framework Act (Act 5 of 2000) and 2011 Regulations thereto and points for B-BBEE Status;
- Bidders are required to submit an original and valid B-BBEE status level veriÅcation certiÅcate or certiÅed copies thereof together with their bids to substantiate their B-BBEE rating claims;
- Bidders (Construction) must be r egistered with National Home Builders Reg istration C ouncil (NHBRC) and submit proof thereof in a form of a certiÅcate;
- Bidders which do not possess the B-BBEE status veriÅcation certiÅcate will not qualify to claim points for B-BBEE status level contributor, only points for price will be considered;
- Bidders must submit an Original and Valid SARS Tax Clearance CertiÅcate with the bid in order to be considered;

All bid forms must be completed;
Late, telephonic, faxed or bids which are not deposited in the relevant Bid Box will not be accepted;
Failure to complete all supplementary information and the RETURNABLE SCHEDULES may result in the bid being deemed non-responsive and be eliminated; The lowest or any bid will not necessarily be accepted; and The Department reserves the right to accept or reject any bid.
Completed Bid Documents in a sealed envelope endorsed with Bid Number and Description must be deposited in the Bid Box at the Department of Human Settlements, Ground Floor, Steve Tshwete House, 31-33 Phillip Frame Road, Waverly Park Chiselhurst, East London, not later than the 16th September 2014 at 11H00

Enquiries regarding the Procurement Process may be directed to: Mr. Xolile Mpupa: – Supply Chain Management; Eastern Cape Department of Human Settlements; 31-33 Phillip Frame Road, Waverley Park, Chiselhurst East London, 5200; Tel: (+27) 43 711 9641; Cell: (+27) 74 142 4781 Email: xolilem@ecdhs.gov.za

Eastern Cape Province

CAREERS

arts & culture
Department: Arts and Culture
REPUBLIC OF SOUTH AFRICA

DAC BURSARIES FOR HERITAGE RELATED STUDIES: 2015

The Department of Arts and Culture (DAC) invites applications for bursaries for students who wish to pursue studies in Heritage courses. The bursary will finance both undergraduates and postgraduates in the following fields:

Fields of Study: •Archaeology (Marine, etc.) •Archives and Records Management •Conservation of the Built Environment •Restorative and Preventive Conservation •Collections (Cultural and Natural) Management •Heritage Resources Management •Museum Management and Curatorship •Courses that contribute to the preservation and promotion of the South African Living Heritage.

Eligibility: •South African citizenship •Academic potential/satisfactory academic performance (submit academic progress report if already at an institution) •Field of study (Heritage related) •Financially needy •Admission letter or proof of registration at an accredited institution of higher learning **•People with disabilities are encouraged to apply**.

Value of the Bursary: •Study fees (including registration and tuition) •Accommodation and meals •The bursary is renewable if the student meets the requirements for the following year **•Funds are payable directly to the institution of higher learning**.

Required Documents: The following documents must accompany the application: •Certified copy of Birth Certificate or ID document •Certified copy of the salary statement and/or proof of income and an affidavit of your parents/guardians (if not working) •Certified copy of Grade 12 June examination results / Grade 12 Final Matric results •If already at a university – latest results / academic record •Proof of admission or provisional admission at an institution of higher learning.

Application forms can be obtained from the offices of the Department of Arts and Culture, 5th Floor, 481 Kingsley Centre, Corner Stanza Bopape and Steve Biko Streets, Arcadia, Pretoria or online at: **www.dac.gov.za**

Completed application forms together with certified copies of the necessary documents should be sent to: The Heritage Bursaries, Department of Arts and Culture, Private Bag X897, Pretoria, 0001 or hand-delivered at: Heritage Bursaries, 481 Kingsley Centre, 5th Floor, Corner Stanza Bopape and Steve Biko Streets, Arcadia, Pretoria.

Enquiries regarding bursary applications should be sent via email to: **bursary2015@dac.gov.za**

Applications open from 1 August 2014. The closing date for submission of applications is 29 August 2014 at 16h30.

No late applications will be considered.

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'Tries a bonus' as Boks focus on win

Warmer weather in Salta likely to work in SA's favour

RUGBY

Khanyiso Tshwaku

THE Springboks were caught up in a try-scoring frenzy in last year's Rugby Championship, when they were even able to rattle in six tries in two games in New Zealand and Australia, although the results were contrasting.

While they will be aiming to keep their unbeaten record against Argentina intact, they will have to fight to keep their streak alive when the sides clash on Saturday afternoon in Salta.

However, Argentina was the one country in which the Boks did not do the try-scoring and where the play-to-win mentality kicked in, after loose forward Juan Manuel Leguizamon scored very early on in the game in last year's tight encounter in Mendoza.

The Springboks eventually went on to win the game 22-17 through Morne Steyn's boot and Argentina's ill-discipline, with Bjorn Basson scoring the Boks' only try.

Unlike last year, when the Boks went to South America on the back of a 73-13 thrashing of Argentina in Johannesburg, a surface drenched by unseasonal rain has hampered their four-try bonus point aspirations.

Springbok back-line coach Ricardo Loubscher is not worried by the bonus point chase, even though there is the agonising wait to see what New Zealand and Australia get up to at Eden Park in Auckland on Saturday morning.

Argentina brought their physical A game to Loftus Versfeld on Saturday but that is not something Loubscher is overly concerned with. They do tend to size up the Springboks and see them as fair game, especially in their own backyard.

"The focus is to win [Saturday's] game to start off with, but tries will be a bonus. This week is all about focusing on our preparation and that has been narrowed in the quest for a win," the former Sharks and Springbok fullback said.

"At the end of the day, it is part and parcel of the game and it is not something we often worry about. The referee is there to handle those issues on the field and all that we worry about is what we need to do."

If there is a blessing for the Springboks, it is the unseasonably warm weather predicted for Salta, which is known for chilly winter days, not too dissimilar to what is found on the Highveld at this time of year.

The Boks could find themselves in conditions they are accustomed to, even though they will only be flying to Salta on Friday morning and will only have two training sessions before Saturday. Preparation was Loubscher's watch word, as the Boks knew they would be confronted with a short turnaround period from the Pretoria test match, which was at a higher altitude than Salta's 1 100m above sea level.

"There were limited opportunities in Pretoria but the weather had a lot to do with that. It came down to a set-piece and kicking game.

"I hope that on Saturday the backs will have more opportunities to run and create more try-scoring opportunities," Loubscher said.

"Running at them was always part of the plan and if you look at it, we have a very exciting back-line. Unfortunately, conditions did not allow us to play in the way we had planned, but if it is dry on Saturday, hopefully we can get a few opportunities.

"The timings of our training sessions have ensured we have the best possible preparation, but we still need to adapt."

OVERSEAS OPPORTUNITY: Vusunzi Dyantjies, left, and Mzwelakhe Sodladla flew to the United Kingdom to play for a rugby team in Yorkshire
Picture: FREDLIN ADRIAAN

Rugby dream a reality for Bay players

Amir Chetty
chettyam@timesmedia.co.za

TWO Bay rugby players have been afforded the chance to make their dreams come true during a six month exchange programme in the United Kingdom.

Mzwelakhe Sodladla and Vusunzi Dyantjies, both 24, flew to the UK on Sunday excited about their first overseas trip.

The pair will ply their trade at Malton and Norton Rugby Club in Yorkshire thanks to an opportunity created by Grassroots Rugby.

One thing Grassroots Rugby founder Qondakele Sompondo is steadfast about is that these opportunities are mainly for people of colour.

"If a black child does not have a parent who goes out and advocates for the child to have access to these facilities they will never play professional rugby. At Grassroots Rugby we want to be that mother, father or even uncle who encourages them to reach for the stars," said Sompondo.

Grassroots is a nonprofit organisation which helps kids to achieve their dreams by granting them the opportunity to go and play rugby overseas.

The foundation, which started in 2011, strives to create a platform for players of colour to showcase their talent in the hope of getting head-hunted by an international or even local club. The programme is the brainchild of three parties, the South African Rugby Union, RDJ Sports (in the UK) and Grassroots Rugby Foundation.

In order to be accepted, the player should be younger than 25, must have played provincial or junior provincial rugby for the EP and must play first team rugby at their clubs.

Sodladla is a Uitenhage resident who plays club rugby for Progress at either flyhalf or fullback. Sodlaldla has played rugby for the Eastern Province junior divisions. "It is a dream come true and I am very excited to be going overseas," Sodladla said.

Dyantjies hails from Motherwell and played for EP from U16 all the way up to U21 and is also a member of African Bombers. His favoured position is centre.

"I think the work this foundation does is very nice. This foundation will ensure that there more opportunities for us to showcase our talents, especially here in the township areas," Dyantjies said.

Grassroots identifies talent and, once identified, makes sure all the necessary paperwork is complete before sending the players overseas.

RDJ is a sports management firm based the UK. They handle all exchange programme students once they arrive in the UK. They are there to make sure everything runs smoothly over the six-month programme. This includes accommodation, transport to and from games as well as apparel and a monthly stipend.

EP win Mini Interprovincial event

TENNIS

Neale Emslie
emslien@timesmedia.co.za

EASTERN Province emerged as the inaugural tennis champions of the Mini Interprovincial played in Oudtshoorn at the weekend, going through the event unbeaten.

The tournament was an initiative of long-serving SWD official Johan Koch and saw EP competing for the trophy with Western Province, Boland and SWD.

It filled a gap for provincial players which has existed for at least seven years and EP captain Peter Allnutt yesterday praised the initiative, and said they looked forward to defending their title next year.

"It all went off very well and we were very happy with the results," Allnutt said. "It showed some of the promising young players we have among our girls and a couple of the older guys were able to add to the win with their experience.

"The tournament was well run, with the SWD hosts and Johan Koch making a really big effort. We were glad to win this first one and I think the tournament is well set to continue."

Before the tournament senior EP member Conrad Hurter had tipped WP and Boland as the teams to beat, but EP rose to the occasion to defeat all three sides. They overcame runners-up Boland 14-5, third-placed Western Province 16-5 and SWD 18-3.

Tennis EP president Mike Bladen said there had already been interest shown in the event from other provincial contenders. "As a direct result, our top junior players wish to challenge to be in this team," he said. "We are working on a date and format. We are also planning an Eastern Cape Closed tournament next year."

TOP TEAM: EP took the honours in the Mini Interprovincual in Oudtshoorn at the weekend. At the prize-giving were, from left, back, tournament director Johan Koch, Peter Allnutt (EP captain), Wilanie van Zyl, Elaine van Zyl, Christine Keyser, Megan Molyneux, SWD Tennis Union president Debra Hyde, Edmund Drake, front, Andrew Stewart, Conrad Hurter, Ricky de Klerk
Picture: GARNETT WICOMB

Djakarta, Indonesië

Indonesiese mans ding Sondag mee om 'n prys vir die klim van 'n paal wat met ghries gesmeer is, bekend as Panjat Pinang. Dié wedywering het gedurende die 69ste nasionale onafhanklikheidsvieringe in Djakarta plaasgevind. Indonesië het op 17 Augustus 1945 onafhanklik geword. Die land was voorheen 'n kolonie van Nederland. Foto: GETTY IMAGES | JEFRI TARIGAN

Kamensk-Shakhtinsky, Rusland

Vragmotorbestuurders wag gister by hul konvooi wat met humanitêre noodvoorraad uit Rusland na die ooste van die Oekraïne onderweg is, op toestemming van die Oekraïense regering om die grens oor te steek. Dié foto is by Kamensk-Shakhtinsky in die Rostof-gebied geneem. Rusland het gister gesê dat die beraad in Berlyn om 'n skietstaking tussen die rebelle en Oekraïense regeringsmagte te beding, nog niks opgelewer het nie. Foto: REUTERS | ALEXANDER DEMIANCHUK

Guangzhou, China

Piepklein, maar die panda-kenmerke is klaar daar. Dis die nuutgebore pandadrieling van die reusepanda Juxiao wat onlangs in die Chimelong-safaripark in Guangzhou, China, gebore is. Hierdie spannetjie is die vierde pandadrieling wat in China danksy kunsmatige inseminasie verwek is. Hul geboorte word as 'n wonderwerk beskou omdat die panda, of bamboesbeer, besonder stadig voortplant en boonop dikwels vals dragtigheid openbaar. Foto: STRINGER | REUTERS

Moembai, Indië

Jeugdiges in Moembai, Indië, vorm 'n menslike toring om die "Dahi Handi", 'n erdekruik gevul met jogurt, te breek as deel van die Janamashtami-fees ter viering van die geboorte van die Hindoegod Krishna. Foto: AP | RAFIQ MAQBOOL

Seoel, Suid-Korea

Pous Franciskus groet vroue wat gedurende die Tweede Wêreldoorlog deur die Japanse weermag gedwing is om seksslawe te word. Die foto is geneem net voor 'n versoeningsmis in die Rooms-Katolieke katedraal in Seoel, Suid-Korea. Die pous het sy eerste besoek aan Asië gister afgesluit deur inwoners van Suid- én Noord-Korea aan te spoor om die ingesteldheid van agterdog en konfrontasie wat 'n skadu oor verhoudings in dié wêrelddeel werp, te laat vaar en nuwe maniere te vind om vrede te bewerkstellig op die erg verdeelde skiereiland. Foto: AP | DANIEL DAL ZENNARO

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KLEINHANS
JACOBUS JOHANNES
(KOBUS BOORMAAN)
Gebore25/2/1952
Oorlede 15/8/2014

Die troosdiens vind plaas op Donderdag 21 Augustus 2014 om 15:00 vanuit die N.G Kerk Oos-Gemeente, Uitenhage.
Sy heengaan word diep betreur deur sy familie en vriende.

Reëlings:
Irene Dyasi

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MULDER PROPERTIES

UITENHAGE
Huise/woonstelle
The Oaks (Kruisrivier) 3B R3 600pm
Canonst. (Huis) 2B R2 900pm
Northfolk House (w/s) 2B R2 850pm
Cuylerst. (w/s) 1B R2 350pm
Brocketst. (w/s) 1B R2 250pm
Algoaweg (w/s) 1B R2 000pm
Parkview Woonstelle R2 600 - R2 850pm
Stuartst (w/s) R1 500 - R3 600pm

DESPATCH
Huise / Woonstelle
Rygerst (Huis) 4B 2L 2G R4 600pm
Sumari Court (w/s)1B R2 400pm
Gabrita (w/s) 1B R2 400pm
Mainst. (w/s) R2 500 - R3 000pm

BESIGHEID
Uitenhage of Despatch
KANTORE
Hoofst. vanaf 60m² - 100m² R2 280 - R3 990pm
Cuylerst. Vanaf 80m² R2 850pm
Calendonst. 250m² R11 400pm

Werkswinkels/
Fabrieke/Storing
Sellickst. 40m² R1 140pm
Bairdst. 300m² R6 840 - R7 410pm
Markst 400m² R9 690pm
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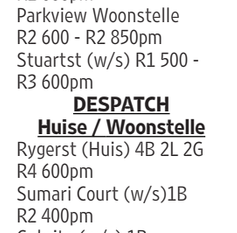

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KENNISGEWING
Neem asb. kennis dat LINDA OCEAN MATEBESE, Identiteitsnommer 700110 5537 089, aansoek doen by die Kommissie vir Maatskappye en Intellektuele Eiendom (CIPC) vir die herstel van COOL IDEAS 1050 CC (2002/057659/23).
Neem asb. verder kennis dat enige beswaar teen hierdie aansoek binne dertig (30) dae van die datum van publikasie hiervan by die Kommissie vir Maatskappye en Intellektuele Eiendom (CIPC) ingedien moet word.
283695(504) 19/8(4085)

Koop jou gunsteling-koerant en tydskrif nou as 'n pakket vir net R20,00 elke Maandag en Dinsdag.
HUIS genoot + DIE BURGER = SLEGS R20
Nou beskikbaar by uitgesoekte straatverkoops-punte.
Terwyl voorraad hou.
123HUIS4-130514-OS-cknell-HUIS4

KENNISGEWING VAN OORLEGPLEGING MET BELANGHEBBENDE & GEAFFEKTEERDE PARTYE
BAMSTIX CC
Verwysings Nr. EC 30/5/1/3/2/10231 MP

Kennis geskied hiermee kragtens Artikels 10 & 27(5)(b) van die Minerale & Petroleum Hulpbron Ontwikkelingswet, Wet 28 van 2002, om die volgende aktiwiteite uit te voer :

BAMSTIX cc het 'n aansoek ingedien om mynbou aktiwiteite te verrig op Gedeelte 2 & die Restant van die plaas Boschfontein, 390; die plaas Watershed, 422; en Plaas No. 423, geleë in die Landdros Distrik van Port Elizabeth.

Ten einde te verseker dat u as 'n belanghebbende en/of geaffekteerde party geïdentifiseer word , stuur u naam; kontakbesonderhede; besonderhede van u belang en enige opmerkings in die saak aan Mnr Rudi Gerber teen 08 September 2014. Voorlegging moet skriftelik gerig word aan :

Algoa Consulting Mining Engineers
P.O. Box 16501
Emerald Hill
6011
Of per faks na 0866577703
293612(X1P3EGQ9) 19/8
X1P3EGQ9-190814-OS-ckjkle-BAMSTIX

EOH
Coastal & Environmental Services

Voorgestelde Umsobomvu Windenergie-Fasiliteit (Umsobomvu Plaaslike Munisipaliteit, Noord-Kaap en Inxuba Yethemba Plaaslike Munisipaliteit, Oos-Kaap)

KENNISGEWING VIR OMGEWINGSIMPAKBEPALING

DOS Verwysingsnommer: 14/12/16/3/3/2/730
Hiemee word kennis gegee kragtens Regulasie 54(2) van GK R.543 ingevolge Hoofstuk 5 van die Nationale Wet op Omgewingsbestuur (NEM) (Wet 107 van 1998), van die voorneme om 'n omgewingsimpakbepaling in te dien by die Nasionale Departement van Omgewingsake (DOS).

InnoWind (Edms) Bpk. bied 'n voorstel aan vir die bedryf van 'n Windkragaanleg ongeveer 20 km suidwes van Noupoort en ongeveer 18 km noordwes van Middelburg. Die voorgestelde projek behels die konstruksie van ongeveer 81 windturbines (1 – 4 MW) met 'n totale opwekkingskapasiteit van 140 MW elektrisiteit.

EOH Coastal & Environmental Services is aangestel deur InnoWind (Edms) Bpk. om die Omgewingsimpakbepaling (OIB) te onderneem. U word hiermee uitgenooi om as 'n Belanghebbende en Geaffekteerde Party (B&GP) te registreer. Stuur asseblief u naam, kontakbesonderhede en enige kommentaar aan die onderstaande kontakpersoon.

Vir meer inligting, registrasie as 'n B&GP of die inhandiging van geskrewe kommentaar, kontak per pos, telefoon, faks of e-pos:

Caroline Evans
Posbus 8145, Oos-Londen, 5210
Tel: 043 726 7809, Faks: 043 726 8352
E-pos: c.evans@cesnet.co.za
X1P3HFFH-190814-OS-mfjkle-NOTICE

ANIMAL WELFARE SOCIETY PE FOUNDED 1971
TEL. 041 366 1660
123456-110913-OS-tvaunc-wel2

Province of the EASTERN CAPE ROADS AND PUBLIC WORKS

BID NOTICE
Bids are invited from prominent service providers for the provision of the following service/s for In-House Construction of the Eastern Cape.

NO	BID NUMBER	DESCRIPTION	SITE	SITE BRIEFING	FUNCTIONALITY
1.	SCMU 05-14/15-0057	RE-GRAVELLING OF DR08563 BETWEEN LADY FRERE AND MKHAPHUSI IN THE CHRIS HANI DISTRICT REQUIREMENT: CIDB- GRADE 6 CE	LADYFRERE-MKHAPHUSI	04-09-2014 AT THE LADY FRERE TO MKHAPHUSI SITE CAMP AT 11H00am	A CIDB grading of at least 6 CE - Plant and equipment owned by the Tenderer, and which will be available for the project, should the Tenderer be successful (20 points): Gravel • Motorized Graders (2 required) • Trailer type water bowser (11kl or larger) (2 required) • Grid roller and 4x4 Tractor • TLB (1 required) • Mobile Crusher • Excavator (20t minimum) •Tipper (10m3 minimum) -EXPERIENCE OF AT LEAST 3 YEARS IN THE ROADS MAINTENANCE/ CONSTRUCTION EXPERIENCE (10 points) -THE TENDERER SHOULD HAVE A PROVEN TRACK RECORD OF UNPAVED/ GRAVEL ROAD MAINTENACE/ CONSTRUCTION EXPERIENCE OF PROJECTS VALUED AT LEAST R4 m. (10 points)
2.	SCMU05-14/15-0011	CONSTRUCTION OF CONCRETE SIDE DRAINS REQUIREMENT: CIDB – GRADE 3 CE	COFFEE-BAY TO ZITHULELE	11-09-2014 @ 12H00	- PREVIOUS CONCRETE WORKS OF MORE THAN R1 000 000.00 (8 points) - EXPERIENCE OF NOT LESS THAN 3 YEARS (5 points) - SITE MANAGER MUST HAVE NOT LESS THAN 5 YEARS EXPERIENCE. (5 points) - ARTISANS MUST HAVE NOT LESS 5 YEARS OF EXPERIENCE IN CASTING OF CONCRETE. (5 points) - BANK SURETY OF 30% & MORE OF THE QUOTED AMOUNT (2 points)

Bid documents are available as of 20 AUGUST 2014 from Room 27, Department of Roads and Public Works, 1 Van Der Bijl Street, Graaff-Reinet, upon payment of a non-refundable deposit of R200.00 (Two Hundred Rands), payable at Room 3. Payments should be in the form of cash or a bank deposit made payable to the Department of Roads and Public Works.
The completed bid document must be placed in a sealed envelope, clearly marked with the bid number and the nature of the service required, and posted to the Department of Roads and Public Works or deposited directly in the bid box situated at Reception at the Department of Roads and Public Works, 1 Van Der Bijl, Graaff-Reinet, no later than 11h00 on 16 September 2014.
Compulsory site briefing will be held as per the table above. Failure to attend will render the bid non-responsive and it will be disqualified. No documents will be sold at these briefings.
Bids will be evaluated based on the 90/10 preference point system in terms of the Preferential Procurement Policy Framework Act, Act 5 of 2000, and its Regulations.
All bids submitted and received after the closing date and time, will not be accepted. No late, faxed or telephonic bids/proposals will be considered. The lowest priced will not necessarily be the accepted bid.
Bidders to also take note of the following general bid conditions: The Department of Roads and Public Works Supply Chain Management Policy will apply. The Department of Roads and Public Works does not bind itself to accept the lowest bid or any other bid and reserves the right to accept the whole or part of the bid. Bids submitted are to hold good for a period of 90 days (price validity). The Department reserves the right to appoint more than one service provider and to reject any bid.
Note: The functionality points are only used to determine responsiveness and will not be used further in the evaluation process.
Bidders must include Value Added Tax (VAT) in their bid rates
Technical Enquiries for can be directed to M. P. Ngqola @ 071 858 9352.
Administrative Enquiries can be directed to Ms T Wopa @ 049 807 5738
EASTERN CAPE PROVINCE
TDSS7260

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Vry., Sa., Maan.	R 55,25	R48,75
Saterdag	R 18,42	R16,25

Tel 041 503 6161 e-pos: nadien.ellis@dieburger.com Sms "Inteken" na 084 503 6111 en ons skakel u terug
1234AB-240114-OS-mgaunc-vuller

PROPOSED UMSOBOMVU WEF, NORTHERN AND EASTERN CAPE

DATE: 13 Oct 2014

Name	Organisation	Tel & Cell	e-mail / Postal address	Signature
Sam Dickpala	Pixley ka Seme District municipality	053 6310891 083 256 9930	dickpala.sam5@gmail.com	
Sonwabice Nkondeshe	Department of Environmental Affairs	053 631 0891 083 6932363	snkondeshe@environment.gov.za	

PROPOSED UMSOBOMVU WEF, NORTHERN AND EASTERN CAPE

DATE: 13 Oct '14.

Name	Organisation	Tel & Cell	e-mail / Postal address	Signature
LINDO VD. MERWE	TRANSKAROO	082 4415605 049 8431506	transkaroo@eilc.co.za	
SP VAN DER WALT	NOUPOORT BOERE-UNIE	049-843 1202 076 558 7745	spvanderwalt@karoomail.co.za Posbus 133, Noupoort, 5950	

PROPOSED UMSOBOMVU WEF, NORTHERN AND EASTERN CAPE

DATE: 13 Oct '2014

Name	Organisation	Tel & Cell	e-mail / Postal address	Signature
Stanford Smith	Ward 1	079 423 4213	stanfords66@gmail.com	[signature]
Mzwandile Toto	Umsobomvu Mun	0834522455	Mzwandiletoto@gmail.com	[signature]
Meimkhulu Sestile	Councillor Umsobomvu	0828800297	Meimkhulusestile@Gmail.com	[signature]
Lungile Majuba	Ward 1	0732280694	lungilemajuba@gmail.com	[signature]
Caroline Evans	EOH - CES	072 538 2432	c.evans@cesnet.co.za	[signature]
Annie Fritz	Councillor	0828085372	anniefritz27@gmail.com	[signature]
Marchelle Terblanche	Index	082 804 2945	admin.index@iafrica.com	[signature]

PROPOSED UMSOBOMVU WEF, NORTHERN AND EASTERN CAPE

DATE: 14 Oct 2014.

Name	Organisation	Tel & Cell	e-mail / Postal address	Signature
R DE VILLIERS	MIDDELBURG FARMERS UNION	0722599427	divalphen@gmail.com	
M Zaaijman	Private	0498423832	—	
J. Zaaijman	"	"	—	
H.T. VAN DER MERWE	H.T. ELEKTRIESE DIENSTE	082 832 3845	HENK.ANGELI@GMAIL	
D.C. SMILES	MIDDELBURG BELASTNGG	0824193408	smilesdonald@gmail.com	
M Kok	Middelburg Chamber of Commerce	083 3756655	middelburgsakekamer@gmail.com	
JAN DU PLESSIS	SCHOOMBEE SAPS	082 319 8351	SCHOOMBEESAPS@gmail.com	
A. MENZIWA	SCHOOMBEE S.A.P.S	0619996181	—	
N.P. Kingwill	Schoombee F.A.	0767232179	neuillekingwill@gmail.com	
F.V. dRyst	NOOITGEDAGAT	084 2597156	francoisvdryst@gmail.com	
C Uys	CMW	0824697517	cjuys@cmw.co.za	
Y. ERASMUS	PRIVATE	0734765422	eis.yolan@gmail.com	
S.P. ERASMUS	Private	0824466908	stefanfontein@gmail.com	

PROPOSED UMSOBOMVU WEF, NORTHERN AND EASTERN CAPE

DATE: 14 / Oct 2015

Name	Organisation	Tel & Cell	e-mail / Postal address	Signature
Zola James	Inxuba Yethemba Mun	0734668885	zolajames@gmail.com	
JADE Maclean	INXUBA YETHEMBA MUN	078 246 2598	jade3mackean7@gmail.com	

Umsobomvu WEF

Notes of focus group meetings

Umsobomvu Local Municipality

Date: 13 October 2014

- The ULM has an existing database of workers.
- Construction / timing of the project should consider other construction projects - road works for the expansion of the N9 will take place over a 2 year period and will employ 400 locals.
- In the past there has been some disruptions with regards to 'outsiders' that were employed. However, the LM has structures, such as the Ward Committees, that deal with such issues.
- The LM does not have an office / structure that do training, etc. They would require the developer to explain procedures to SMME's in terms of tender requirements, skills requirements and general needs.
- There is a hospital and 2x clinics in Noupoort. Existing ambulance service.
- In terms of social responsibility / community projects - there is a need for infrastructure projects such as the development of parks, recreational centres and other facilities for the youth, etc.
- The ULM is in favour of this project, as the area needs social and economic "injections" and Noupoort needs business development.
- The District and Local Municipality has good relations with each other.
- Rates for workers should be co-ordinated between the Main and Subcontractors to avoid conflict.
- The "Mainstream WEF" is located at the entrance to Noupoort next to the N9.

Noupoort Farmers Association

Date: 13 October 2014

- Who will do maintenance of the roads? Is SANRAL part of the process?
- In all likelihood concrete roads will be constructed in the higher lying areas due to the inaccessibility of the terrain.
- It is recommended that the Engineers consult the local farmers when roads are plotted, as they know the terrain well. In the past Eskom struggled to lay out and construct roads, as they do not know the terrain.
- The bridge across the road located between Noupoort and Middelburg could be problematic for large construction vehicles.
- Rates for the construction workers should be discussed with the farmers in advance. If rates are too high, it could result in issues for farmers in future if workers are not willing to work for the "local" wage rate on farms any longer.
- "Mainstream" has joined as a member on the Noupoort Farmers Association, attends meetings, receives minutes, etc. This has proven to be very beneficial in terms of communication (minimum wages, daily problems experienced, and so forth). It is recommended that Innowind also joins if they are a successful bidder.
- A 500 m buffer zone between the turbines and houses is implemented to address potential noise issues.
- There is a walking trail in Lindo van der Merwe's land with sleepover huts. A major visual impact is not anticipated as the route mostly passes through the lower lying areas. Hunting activities take place on his farm in winter months (kudu, springbuck, blesbuck, ribbok) and there are slaughtering facilities.

Pixley ka Seme District Municipality

Date: 13 October 2014

- A number of renewable energy projects have been implemented in the Pixley ka Seme DM.
- The constitutional mandate of the DM is to assist LM in doing their responsibilities, especially in the areas where the LM does not have capacity, such as environmental management.

- Should the ROD be positive, the developer would lodge an application for rezoning with the DM.
- For the construction phase a Service level Agreement / Memorandum of Understanding (MOU) is drawn up for:
    - Employment, how many workers from LM, etc.
    - Establishment of Community Trust
    - Skills identification and placement of advertisement for workers
- DM also has an existing skills database
- The inflow of workers from other provinces for these projects is problematic and a real issue.
- The 70/30 ratio of workers (locals vs outsiders) is also problematic to implement.
- Another problem that is being experienced is that the local community(s) are not benefitting after the construction period.
    - Employees are not trained and limited skills transfer takes place. There is a FET College in De Aar where one of the IPP was supposed to train workers on maintenance of the plant and this was not done.
    - The 'Community Responsibility Program' is not being undertaken.
    - Language issues between trainers (foreigners) and the workers is an issue.
- There is a "Project Advisory Committee" on every plant that sits every 2 months to report on issues.
- A meeting took place between one of the IPP's in De Aar area and political heads to discuss these issues.

Inxuba Yethamba LM - LED Office

Date: 14 October 2014

- Prior to the Public Participation phase the LM would establish the % that would be allocated to social responsibility, which is usually in the order of 30% for skills development / local SMME's.
- In Inxuba Yethemba 6 wards fall under Cradock and 3 wards under Middelburg.
- At times conflict occurs between Cradock and Middelburg – e.g. to agree upon the number workers and/or SMME's from these 2 areas that would participate in projects.
- There seems to be proper skills development taking place by the LM in Cradock for local SMME's. *However, it seems like the 3x Middelburg wards are not always included in this type of training and are excluded from some of the employment opportunities, which adds to the conflicting issues (my observation).*
- The LM provides ongoing "National Housing Building Regulatory Council" (NHBRC) training to SMME for construction of RDP houses.
- Grootfontein FET College is located 2km outside Midddelburg on the way to Colesburg.
- Transnet should be included in the I&AP database, as they own land north-west of Middelburg.
- No problems were experienced when large construction vehicles transported turbine components through Cradock for another WEF project.
- The proponent should take the future road works by SANRAL into consideration (between PE and Cradock), commencing February 2015.
- Include SANRAL on database.
- In Middelburg there are a number of local clinics and the Wilhelm Verster Hospital has an ambulance service.
- There is a Fire Brigade and Traffic Control services, which the developer would adequately be able to liaise with.
- The LED Office will send a list of I&APs that should be included in the process to CES.

Umsobomvu WEF

Notes of focus group meetings

Middelburg Focus Group Meeting

- Middelburg Farmers Ass
- Middelburg Rate Payers Ass
- SAPS
- Middelburg Chamber of Commerce
- Various private land owners and/or local farmers

Date: 14 October 2014

Question:	**Answer:**
Can they "frack" underneath a wind farm? If not, then this will be a "safe" area.	100 m buffer around each wind turbine where no activities are allowed.
Dust issues?	Dust will mostly be experienced during construction due to construction vehicles and other construction activities.
Dust settles on plants, which then battle to grow. This is specifically a concern for certain crops, such as lucern.	
What is the production cost of a WEF compared with coal fired power stations? When will they reach the break-even point?	
Access roads are a concern. Who will maintain access roads?	The developer must ensure that roads are constructed in such a way that vehicles get access. The road will be maintained for the duration of the project (20yrs) and will remain post decommissioning.
There are 2 residential houses near the road, as well as a field (lucern). Previously road maintenance 3x trucks per day caused issues (dust).	This I&AP should register on the database to ensure that the developer is aware of his concerns.
Where does the equipment come from? Previous experience indicates that road surfaces are destroyed before they are being rebuilt. The road from Middelburg town is being upgraded next year and possible damage to the new road surface is thus a concern. The developer should ensure that the road is maintained throughout the construction period.	At this stage PE. Approximately 12 trucks are used to transport 1 turbine. The developer works closely with SANRAL in this regard. Government has put structures in place and "boxes need to be ticked". SANRAL's participation is important.
There will be pressure on accommodation, catering, and other supporting services.	This is an opportunity for the local community and the developer will discuss their requirements in terms of supporting services in advance for the tender process.
How do you ensure I&APs are involved?	The EAP and Developer will provide a response on all issues, comments and queries that are being submitted.
The developer's Social responsibility is important and investments should be made through social	A portion of the profits will be allocated to a local

structures.	community Trust.
What about fire hazards during construction?	The EMP will address these issues and an ECO will be on site to ensure that the Contractors abide by the EMPR.
There is an ambulance and Fire Unit in town, but unfortunately no crew. Previously there was a Fire Prevention Association (FPA) in town, but they have disbanded. Trained people with these skills are available in town, which are currently unemployed. The farmers would also like to become involved in the FPA.	Comment noted.
Would the turbines have any effect on climate change?	
Would noise affect the behaviour of cattle and other livestock?	- The 500m buffer between structures and the turbines would be sufficient to mitigate noise impacts. The impact on livestock was monitored and it was found to have no impact. - Currently a study is conducted to determine the potential impact on moles. - Search and rescue of plants during the construction phase is done.
The area has endemic tortoises, etc. and for some of these species it is problematic to move / transport them into other areas.	
Will any other public participation debate take place in future?	CES will have a community meeting once the EIR is available before submission.
What other projects are CES involved in?	
At the following meeting the I&APs would like more information about the process.	

Notice Board 1: Situated on the R398

Notice Board 2: Situated at the site entrance from the N10

Notice Board 3: Situated at the site entrance from the N10

Coastal & Environmental Services

23 February 2015

Dear Interested & Affected Parties and Stakeholders

NOTIFICATION OF RELEASE OF DRAFT ENVIRONMENTAL SCOPING REPORT (DSR) FOR THE PROPOSED DEVELOPMENT OF UMSOBOMVU WIND ENERGY FACILITY (DEA Reference: 14/12/16/3/3/2/730)

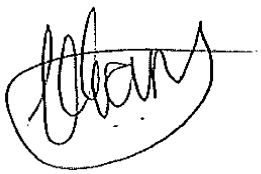
In accordance with the requirements of Section 54 (2) (b) (vi) of the Environmental Impact Assessment Regulations (2010) made in terms of section 24(5) of the National Environmental Management Act (Act No 107 of 1998) as amended in 2010, we are required to, "*give written notice to any organ of state having jurisdiction in respect of any aspect of the activity*". In accordance with this requirement, please find here-with a letter of notification for an environmental impact assessment being carried out by EOH Coastal and Environmental Services in respect of the above-mentioned project.

InnoWind (Pty) Ltd is a South Africa based renewable energy generator that develops, finances, builds, operates and maintains commercial wind powered generation facilities. InnoWind is proposing to construct a Wind Energy Facility (WEF) to be developed between Middelburg (Eastern Cape) and Noupoort (Northern Cape) on the provincial border. The WEF will host approximately 80 wind turbines, each generating between 1.5 - 4 megawatts (MW) of electricity, with total combined potential power output of approximately 140MW.

All Interested and Affected Parties are hereby notified of the availability of the Draft Scoping Report for public review and comment. The review period is from **23rd February 2015 to 7th April 2015**. Copy of the Draft Environmental Scoping Report (DSR) is available for review and comment at the following locations

- Middelburg Public Library
- The EOH CES website at the following link : http://cesnet.co.za/umsobomvu.html

Kind regards,



Caroline Evans
Project Manager
Environmental Consultant, EOH Coastal and Environmental Services
Tel: 046 622 2364
Email: c.evans@cesnet.co.za

Province of the
EASTERN CAPE
ECONOMIC DEVELOPMENT, ENVIRONMENTAL AFFAIRS & TOURISM

Corner Belmont Terrace / Castle Hill Central Port Elizabeth 6001
Private Bag X5001 Greenacres 6057 | Republic of South Africa
Ref: Umsobomvu WEF| **Contact Person:** Alan Southwood
Tel: 041 508 5813 | **Fax:** 041 508 5865 | **E-mail:** Alan.Southwood@dedea.gov.za | www.dedea.gov.za

Attention: Ms Caroline Evens
Organisation: EOH Coastal& Environmental Services
Postal address: P O Box 934, East London, 5214

Fax: 043 726 8352
Tel: 043 726 8313
E-mail: CarolinelEvans@eoh.co.za

Enquiries : Alan Southwood
DEA Ref No : **14/12/16/3/3/2/730**

Dear Ms Evans,

COMMENT: DRAFT SCOPING REPORT: PROPOSED UMSOBOMVU WIND ENERGY FACILITY: NORTHERN AND EASTERN CAPE PROVINCES: INNOWIND (PTY) LTD: DEA REFERENCE: 14/12/16/3/3/2/20/730

Your letter dated 23rd February 2015 refers.

Draft Scoping Report

Page Numbers	Section	Paragraph / Bullet	Comment
Page iii	1.1 General Site Information	Locality Map	• It is presumed that the map indicates the ideal number of turbines and that the number will decrease during the EIA process as various factors exclude turbines. • The names / boundaries of the local municipalities should be indicated on this map. • Where is the nearest power line the WEF could be connected to the grid with? There should be some discussion about this.
Page 10	3.1 Project Locality	Figure 2.1	

Corner Belmont Terrace / Castle Hill Central Port Elizabeth 6001
Private Bag X5001 Greenacres 6057 | Republic of South Africa
Ref: Umsobomvu WEF| **Contact Person:** Alan Southwood
Tel: 041 508 5813 | **Fax:** 041 508 5865 | **E-mail:** Alan.Southwood@dedea.gov.za | www.dedea.gov.za

Page iv	1.1 General Site Information	Generation capacity of the facility	The maximum permissible generation capacity would be 140MW.
Page v	The Project Team	Additional sub-consultant team members	• A Traffic Impact Assessment should be undertaken due to the large number of specialized vehicles required to transport components to the WEF. • A hydrological (surface and groundwater) survey should be undertaken due to the fact that the proposed site is in the head waters of various catchment areas. The survey should be undertaken in such a way that the information can be used for a WULA if required. • The developer will have to liaise with SENTECH to ascertain whether there could be interference with transmission signals (refer to the e-mail dated 15th August 2014 from SENTECH to EOH CES: section 13.1.3: E-mail; Correspondence with Stakeholders: Page 17).
Page 82	10.2 Specialist Studies		
Page 92	Table 9-4	Second Row	
Page 1	2.1 Background to study	Second Paragraph	The responsibility of the EAP is to ascertain if the proposed development is appropriate for the site and has no fatal flaws from an environmental aspect.
Page 10	Figure 2-2		• The names / boundaries of the local municipalities should be indicated on this map. • The localities of the turbines should be indicated on this map.
Page 13	3.2.2 Access roads	First Paragraph	The shortest route is preferred.
Page 13	3.2.3 Additional infrastructure	Second Bullet	Is this 10 000 m^2 per turbine? Does this include the foundation and hard stand area?
Page 13	3.2.3 Additional infrastructure	Fifth Bullet	• What is the linking station? • DMR is responsible for licencing borrow pits. The 2014 EIA Regulations require an assessment process that includes Scoping and the compilation of an EIR.
Page 13	3.2.3 Additional infrastructure	Last Bullet	• Does the substation include a switching station?

Corner Belmont Terrace / Castle Hill Central Port Elizabeth 6001
Private Bag X5001 Greenacres 6057 | Republic of South Africa
Ref: Umsobomvu WEF| **Contact Person:** Alan Southwood
Tel: 041 508 5813 | **Fax:** 041 508 5865 | **E-mail:** Alan.Southwood@dedea.gov.za | www.dedea.gov.za

			• What is the area of the substation?
Page 14	3.3.1 Preliminary civil works	Second Sentence	No accommodation should be provided on site. Construction staff should be accommodated in the nearest town.
Page 65	Construction phase	Second Bullet	
Page 66	Construction Phase	Eighth Bullet	
Page 14	3.3.2 Construction	First Paragraph	• Are the "crane pads" in the area of the temporary lay down area? • What are lay-bys and turning heads?
Page 14	3.3.2 Construction	Second Paragraph: First Line	Figure 2.6 depicts the foundation of a wind turbine and not a typical platform.
Page 14	3.3.2 Construction	Second Bullet	Crawler type cranes should preferably not be used to keep roads as narrow as possible.
Page 14	3.3.2 Construction	Fifth Bullet	Explain the function of turning heads.
Page 14	3.3.2 Construction	Last Bullet	Way would passing places be required? Traffic can be restricted to one direction while turbine components are transported and cranes travel to the hard stand areas.
Page 14	a) Geotechnical studies and foundation works		• Any soil removed during the excavation of foundations should be stockpiled for rehabilitation purposes. • Rock excavated can be crushed and used as aggregate for mixing concrete.
Page 14	d) Site preparation		• Permits will be required form this Department to clear vegetation. • Top soil should not be spread on site: it should be used for rehabilitation.
Page 14	e) Establishment of substation and ancillary infrastructure		Does the substation include a switching station?
Page 15	g) Undertake site remediation	Second Sentence	Delete "where practical and reasonable". Rehabilitation is compulsory and must be included as a condition in any Authorization and as a mitigation measure in any EMPr.
Page 19	4.2.1 National Development Plan (2011)	First Line	Include this in the References (Section 12).

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Private Bag X5001 Greenacres 6057 | Republic of South Africa
Ref: Umsobomvu WEF| **Contact Person:** Alan Southwood
Tel: 041 508 5813 | **Fax:** 041 508 5865 | **E-mail:** Alan.Southwood@dedea.gov.za | www.dedea.gov.za

Page 20	4.2.3 White Paper on Renewable Energy Policy (2013)	First Paragraph: Second Last Line	A Glossary / List of Abbreviations should be included in the Scoping report to describe terms such as Mtoe.
Page 25	Table 4 -1.	Disadvantages	• Wind turbines are visually intrusive, particularly when located in elevated areas and there is nothing that can be done about this. Developers expect the broader community to accept this using the reduced impact of renewable energy on the environment as an argument. • Impacts on bats is potentially the other most serious impact. All mitigation measures proposed by specialists must be implemented if the WEF is authorized.
Page 25	Table 4 -1.	Second Column: Last Paragraph	Details of the process followed to come this conclusion should be provided.
Page 25	Table 4 – 1	Last Column: Last Paragraph	• It is thus unfortunate that the power line will be assessed in a separate assessment process. If the WEF is authorized it is unlikely that a power line route will be rejected even if there is a fatal flaw in its proposed route. • Where is the nearest power line the WEF could be connected to the grid with? There should be some discussion about this.
Page 26	Table 4 - 1	Alternate energy technology 4 – Coal-fired power plant	There must be some advantages, for example, providing a base load of electricity.
Page 27	Table 4 - 1	Design of layout 1: Disadvantages	• As roads in sensitive areas have negative impacts it is imperative that existing roads be used and new ones constructed only if there is no other alternative. Water course crossings should be kept to an absolute minimum. This is why a hydrological specialist study should be undertaken. • The shortest access route is thus preferred.
Page 38	7.4.3 Topography		
Page 28	Table 4 - 1	Second Row: Third Column	Bird and bat monitoring must be undertaken for a full year before any EIR may be submitted.

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Page 35	6.16 National Veld and Forest Act	Section 3: Fire Protection Associations	Is registration obligatory?
Page 36	6.17 Other relevant legislation		• The Nature and Environmental Conservation Ordinance (No 19 of 1974). • The Land Use Planning Ordinance. • National Forest Act.
Page 38	7.1.3 Topography	Second Sentence	Refer to the comment on Page 25 (First Bullet).
Page 46	Mammals	First Paragraph: Last Sentence	In terms of what have these species been downgraded?
Page 47	Table 6-2		The legal status of the mammals and birds in terms of the PNCO should be indicated as this may have implications in terms of permit requirements.
Page 55	Table 6-5		
Page 49	Table 6-3		The South African Red Data Book Status, the IUCN Conservation Status and the NEM: BA Status should be indicated.
Page 50	Reptiles	Last Line	Rocky outcrops should not be developed. There should be at least a 50 meter buffer around them.
Page 59	Direct observations of bird movements	Last Line	This is of concern. What mitigation measures are feasible to ensure that Verreuax's Eagles are not impacted by the development?
Page 59	Site Sensitivity and project constraints	First Paragraph	
Page 59	Site Sensitivity and project constraints	Second Paragraph	The potential for eagles to collide with turbines is of major concern.
Page 59	Site Sensitivity and project constraints	Third Paragraph	The references quoted in this paragraph are not included in the References on Page 95.
Page 60	Site Sensitivity and project constraints	First Paragraph: Last Line	The proposed buffer areas and the adaption of the layout is supported.
Page 60	Conclusion	Last Paragraph	This should surely be 2015.
Page 60	7.1.9 Chiroptera (Bats)	First Paragraph: Last Line	
Page 61	7.1.9 Chiroptera (Bats)	First Paragraph	Impacts on bats is potentially one most serious impacts of WEF. All mitigation measures proposed by specialists must be implemented if the WEF is authorized.
Page 61	7.2 Socio-economic profile	Last Paragraph: Last Bullet	Provide the full reference of the Umsobomvu LM IDP in the References.

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Page 66	7.2 Socio-economic profile	Third Bullet	Wind turbines are visually intrusive, particularly when located in elevated areas and there is nothing that can be done about this. Developers expect the broader community to accept this using the reduced impact of renewable energy on the environment as an argument.
Page 70	7.2.11 Visual Impacts	First Paragraph: First Line	
Page 66	7.2 Socio-economic profile	Fifth Bullet	A Traffic Impact Assessment should thus be undertaken.
Page 70	7.2.10 Noise associated with wind energy	Last Paragraph	The buffer of 500 metres is supported.
Page 70	7.2.11 Visual Impacts	First Paragraph: Fifth Line	Oberholzer 2005 is not in the References.
Page 71	Table 7-1	Terrestrial Flora	An Alien Invasive Management Plan must be compiled.
Page 72	8.2 Issue Rating	Second and Last Paragraphs	What is the difference between a "mitigation" and a "management" measures?
Page 88	10.3 Methodology for assessing the significance of impacts	Second Last and Last Paragraphs	
Page 73	Table 7-3		Terrestrial Fauna, Wetlands, Surface and Groundwater, Traffic and Transport and EMI should also be Specialist Assessments.
Page 73	8.2 Issue rating		The POS for the EIR is in Section 10 not Section 9.
Page 73	8.2 Issue rating	Third Bullet	• The Ecological Impact Assessment should include Flora and Wetlands, Surface and Groundwater. • A Traffic Impact Assessment should be undertaken.
Page 77	1. Newspaper advertisement		Although it is good practice to advertise in English and Afrikaans in Local and Regional newspapers, it would have been appropriate to also advertise in isiXhosa.
Page 76	Table 8-1		• Representation of the game industry, such as WRSA, INDALO and SECSICOM, should be consulted.
Page 104	13.2 Appendix B: I & APs Database		

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			• The Provincial Roads Engineer should be consulted.
Page 77	9.1.1 Surrounding and Affected Landowners		Documentation should also be provided in isiXhosa.
Page 78	9.1.4 Issues and Response Trail	Fourth Row	This Department agrees there is a need for these projects and the Social Impact Assessor should consider them.
Page 78	9.1.4 Issues and Response Trail	Sixth Row	This is why a TIA is required. Issues of road maintenance, responsibilities for particular roads and the suitability of bridges for transport of WEF components would be considered.
Page 79	9.1.4 Issues and Response Trail	Second Row	
Page 79	9.1.4 Issues and Response Trail	Seventh Bullet	
Page 78	9.1.4 Issues and Response Trail	Eight and Last Rows	These factors should be considered by the Social Impact Assessor.
Page 78	9.1.4 Issues and Response Trail	Second Last Bullet	This Department agrees that InnoWind becomes a member of Noupoort Farmer's Association.
Page 79	9.1.4 Issues and Response Trail	Fourth Row	Was DMR consulted?
Page 79	9.1.4 Issues and Response Trail	Fifth Row	Dust is a major problem at WEFs currently being constructed in Karoo areas. Water is a scarce commodity. Innovative methods should be devised to control dust.
Page 78	9.1.4 Issues and Response Trail	Sixth Row	Is the information (provided by SAWEA) contained in the response from the EAP correct?
Page 79	9.1.4 Issues and Response Trail	Last Bullet	"Comment noted" is unacceptable. Is a FPA a legal requirement? A Fire Protection Plan should be drafted for the Construction and Operational Phases of the WEF.
Page 80	9.1.4 Issues and Response Trail	Last Row	It may be necessary to hold other meetings during the Scoping Phase.
Page 82	10.2 Specialist Studies	Second Paragraph	Sections 9.2.1 – 9.2.9 to read 10.2.1 – 10.2.9.
Page 83	10.2.3 Ecological Impact Assessment		• Aquatic features of the site should be assessed. • A basic study of the fire ecology of the site may be relevant.

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			• Regional Planning exercises should be considered.
Page 84	10.2.4 Avifaunal Impact Assessment		All legal aspects relevant to bird conservation should be considered.
Page 101	13.1.5 E-mail: Correspondence with Surrounding Landowners	Page 15: E-mail to Gys Steyn	It would be appropriate to include a description of the process Innowind followed in selecting this particular site as the general perception is that environmental factors play virtually no part in the process. The basic criteria are sufficient wind, appropriate access roads, proximity of an ESKOM transmission line and substation, and landowners willing to conclude an agreement with Innowind.
Page 101	13.1.5 E-mail: Correspondence with Surrounding Landowners	Page 16: E-mail from Gys Steyn to EOH CES.	This is a very interesting statement from a landowner who could be detrimentally affected by the proposed WEF if excluded but positively affected if included. How will Innowind deal with this situation?

Yours sincerely,

DAYALAN GOVENDER

REGIONAL MANAGER: ENVIRONMENTAL AFFAIRS: CACADU REGION

DATE: 04/05/2015

environmental affairs
Department:
Environmental Affairs
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Private Bag X 447· PRETORIA · 0001· Environment House · 473 Steve Biko Road· PRETORIA
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DEA Reference: 14/12/16/3/3/2/730
Enquiries: Mr Herman Alberts
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Ms Caroline Evans
Coastal & Environmental Services
PO Box 8145
EAST LONDON
5210

Telephone Number: (043) 622 2364
Email Addresses: c.evans@cesnet.co.za

PER EMAIL / MAIL

Dear Ms Evans

ACCEPTANCE OF THE SCOPING REPORT FOR THE PROPOSED UMSOBOMVU ENERGY FACILITY WITHIN THE INXUBA YETHEMBA LOCAL MUNICIPALITY IN THE EASTERN CAPE PROVINCE AND UMSOBOMVU LOCAL MUNICIPALITY IN THE NORTHERN CAPE PROVINCE

The Scoping Report (SR) and Plan of Study for Environmental Impact Assessment (PoSEIA) dated April 2015 and received by this Department on 06 July 2015 refer.

This Department has evaluated the submitted SR and the PoSEIA dated April 2015 and is satisfied that the documents comply with the minimum requirements of the Environmental Impact Assessment (EIA) Regulations, 2010. The SR is hereby accepted by the Department in terms of Regulation 30(1)(a) of the EIA Regulations, 2010.

You may proceed with the EIA process in accordance with the tasks contemplated in the PoSEIA and the requirements of the EIA Regulations, 2010.

All comments and recommendations made by all stakeholders and Interested and Affected Parties (I&APs) in the Draft SR and submitted as part of the SR must be taken into consideration when preparing an Environmental Impact Assessment report (EIAr) in respect of the proposed development. Please ensure that all mitigation measures and recommendations in the specialist studies are addressed and included in the final EIAr and Environmental Management Programme (EMPr).

Please ensure that comments from all relevant stakeholders are submitted to the Department with the final EIAr. This includes but is not limited to the EC and NC Provincial Department of Environmental Affairs, the Department of Agriculture, Forestry and Fisheries (DAFF) and the provincial Department of Agriculture, the South African Civil Aviation Authority (SACAA), the Department of Transport, the respective Local Municipalities, the respective District Municipalities, the Department of Water and Sanitation (DWS), the Department of Communications, SENTECH, Eskom Holdings SOC Limited, the South African National Roads Agency Limited (SANRAL), the South African Heritage Resources Agency (SAHRA), EWT and BirdLife SA, SABAAP, the

Department of Mineral Resources, the South African Astronomical Organisation, the Department of Rural Development and Land Reform and the Square Kilometre Array (SKA).

Please be advised that the contact person for renewable projects at the SKA office is Dr Adrian Tiplady and he can be contacted on Tel: (011) 442 2434 or E-mail: atiplady@ska.ac.za.

Please be advised that the contact person for renewable projects at the SENTECH office is Mr Johan Koegelenberg and he can be contacted on Tel: (011) 471 4634 or E-mail: koegelenbergj@sentech.co.za.

You are also required to address all issues raised by organs of state and I&APs prior to the submission of the EIAr to the Department.

Proof of correspondence with the various stakeholders must be included in the EIAr. Should you be unable to obtain comments, proof should be submitted to the Department of the attempts that were made to obtain comments.

The EAP must, in order to give effect to Regulation 56(2), give I&APs access to, and an opportunity to comment on the report in writing within 21 days before submitting the final EIAr to the Department.

Please ensure that the final EIAr includes at least one legible A3 regional map of the area and the site layout map to illustrate the turbine positions and associated infrastructure. The maps must be of acceptable quality and as a minimum, have the following attributes:

- Maps are relatable to one another;
- Cardinal points;
- Co-ordinates;
- Legible legends;
- Indicate alternatives;
- Latest land cover;
- Vegetation types of the study area; and,
- A3 size locality map.

In addition, the following additional information is required for the EIAr:

i. This Department further advises that the applied listed activities and their relevant issues be addressed and assessed in the EIAr before submission of the EIAr to the Department.

ii. Please ensure that all relevant listing notice activities applied for, are specific and that it can be linked to the development activity or infrastructure as described in the project description. The application form needs to be amended to specify the relevant activities.

iii. Following a review of the SR and application form, the following information is required:
   - An amended application form with an indication of all the 2010 listed activities that are still listed;
   - An indication of all the similarly listed 2014 activities;
   - An indication if there are any new 2014 activities that are listed;
   - An indication where in the report, all the 2014 activities have been assessed and mitigated for; and
   - A letter/affidavit from the EAP indicating that the above is true and correct. This must form part of the EIAr as well as a separate document for ease of reference.

iv. Please note that the Department's application form template has been amended and can be downloaded from the following link https://www.environment.gov.za/documents/forms.

v. The EIAr must include the following:
   - GN R.544 Item 18: With regards to infilling and excavation of watercourses for the construction of the WEF facility, this Department requires the applicant to provide an indication of the preferred and alternate locations from which the material used for infilling will be sourced and where excavated

material will be stored and/or disposed of. In addition, the impacts associated with this activity must be adequately assessed in the EIAr.

- GN R.544 Item 13: It is requested that the EAP provide additional information detailing the specifications of the proposed dangerous goods i.e. quantities, type of goods etc. as well as infrastructure to be used as storage on the facility. In addition the impacts associated with this activity must be adequately addressed in the EIA phase.

vi. The EAP must engage the relevant provincial authority with regards to development in geographic areas triggering GNR 546: Activities 4, 13, 14, 16 and 19.

vii. The EIAr must provide an assessment of the impacts and mitigation measures for each of the listed activities applied for.

viii. It is imperative that the relevant authorities are continuously involved throughout the EIAr process as the development property possibly falls within geographically designated areas in terms of all activities under GN R. 546. Written comments must be obtained and submitted to this Department. In addition, a graphical representation of the proposed development within the respective geographical areas must be provided.

ix. The EIAr must provide the technical details for the proposed facility in a table format as well as their description and/or dimensions. A sample for the minimum information required is listed under point 2 on the EIA information required for Wind Energy Facilities below.

x. The EIAr must provide the four corner's coordinates for the proposed development site (note that if the site have numerous bend points, each and every bend point coordinates must be provided) as well as the start, middle and end point of all linear activities.

xi. The EIAr must provide the following:

- Clear indication of the envisioned area for the proposed wind energy facility; i.e. placing of turbines and all associated infrastructure should be mapped at an appropriate scale.
- Clear description of all associated infrastructure. This description must include, but not limited to the following:
  - Power lines;
  - Internal roads infrastructure; and;
  - All supporting onsite infrastructure such as laydown area, guard house and control room etc.

xii. The EIAr must provide an indication of the location of the WEF in respect to the location of other energy facilities and their associated infrastructure.

xiii. The Northern Cape Department of Environment and Nature Conservation must be consulted to deliberate on the relationship of the proposed project to the Platberg-karoo Conservancy (IBA); and all recommendations must be addressed and incorporated into the EIAr.

xiv. You are further reminded to provide a description of any identified alternatives for the proposed activity that are feasible and reasonable, including the advantages and disadvantages that the proposed activity or alternatives will have on the environment and on the community that may be affected by the activity. Alternatively, submit written proof of an investigation and motivation if no reasonable or feasible alternatives exist.

xv. The EIAr must provide the technical details for the proposed facility in a table format as well as their description and/or dimensions. A sample of the minimum information required is listed under point 2 of the EIA information required for Wind Energy Facilities below.

xvi. The following activities applied for may trigger Section 19 and Section 21 of the National Water Act No. 36 of 1998: GN R. 544 Activities 11 and 18. The EAP is advised to conduct a surface hydrological study as part of the EIAr. The terms of reference for the study must include, *inter alia* the following:

- Identification and sensitivity rating of all surface water courses for the impact phase of the proposed development;
- Identification, assessment of all potential impacts to the water courses and suggestion of mitigation measures; and,
- Recommendations on the preferred placement of turbines etc. and associated infrastructure.

xvii. The EIAr must provide detailed need and desirability as to why there is a need for the development and why the specific location is desirable.

xviii. This Department requires that the wind resource data be submitted as part of the EIAr. The wind resource data must be a summary of the wind resource available in the study area and motivation that the site has a good wind resource to sustain the Wind Energy Facility must also be provided. Whilst the information may be deemed to be confidential, your attention is drawn to Regulation 7 of the EIA Regulations, 2010 which states that *"A competent authority is entitled to all information that reasonably has or may have the potential of influencing any decision with regard to an application unless access to that information is protected by law."*

xix. Should a Water Use License be required, proof of application for a license needs to be submitted.

xx. The Department of Water and Sanitation (DWS) must be consulted during the course of the process. Proof of consultation must be provided in the EIAr.

xxi. SENTECH must be consulted during the process to ensure that the WEF will not have any significant negative impact on the telecommunication signals in the area. Proof of consultation must be provided for in the EIAr.

xxii. The EIAr must provide an indication of the internal access roads and the impacts associated with them must be adequately assessed in the EIAr and EMPr.

xxiii. The EIAr must provide an indication of the preferred powerline route alternative and provide an assessment and advantages and disadvantages of the alternative powerline route alternative.

xxiv. The inclusion of all received comments and response thereto in the comments and response report.

xxv. Information on services required on the site, e.g. sewage, refuse removal, water and electricity. Who will supply these services and has an agreement and confirmation of capacity been obtained? Proof of these agreements must be provided.

xxvi. The EIAr must provide a layout which depicts the entire facility, i.e. the wind and grid connection infrastructure.

xxvii. The assessment of impacts and the Environmental Impact Assessment process; and, the requirements of the Public Participation Process (PPP) must be in accordance with Regulation 54 to 57 of the GN R543 of EIA Regulations 2010.

xxviii. A copy of the final site layout map. All available biodiversity information must be used in the finalisation of the layout map. Existing infrastructure must be used as far as possible e.g. roads. The layout map must indicate the following:

- Turbine positions and its associated infrastructure;
- Permanent laydown area footprint;
- Internal roads indicating width (construction period width and operation period width) and with numbered sections between the other site elements which they serve (to make commenting on sections possible);
- Wetlands, drainage lines, rivers, stream and water crossing of roads and cables indicating the type of bridging structures that will be used;
- The location of sensitive environmental features on site e.g. CBAs, heritage sites, wetlands, drainage lines etc. that will be affected by the facility and its associated infrastructure;
- Substation(s) and/or transformer(s) sites including their entire footprint;
- Connection routes (including pylon positions) to the distribution/transmission network;
- All existing infrastructure on the site, especially roads;
- Buffer areas;
- Buildings, including accommodation; and,
- All "no-go" areas.

xxix. An environmental sensitivity map indicating environmental sensitive areas and features identified during the EIA process.

xxx. A map combining the final layout map superimposed (overlain) on the environmental sensitivity map.

xxxi. A shapefile of the preferred development layout/footprint must be submitted to this Department. The shapefile must be created using the Hartebeesthoek 94 Datum and the data should be in Decimal Degree Format using the WGS 84 Spheroid. The shapefile must include at a minimum the following extensions i.e. .shp; .shx; .dbf; .prj; and, .xml (Metadata file). If specific symbology was assigned to the file, then the .avl and/or the .lyr file must also be included. Data must be mapped at a scale of 1:10 000 (please specify if an alternative scale was used). The metadata must include a description of the base data used for digitizing. The shapefile must be submitted in a zip file using the EIA application reference number as the title. The shape file must be submitted to:

Postal Address:
Department of Environmental Affairs
Private Bag X447
Pretoria
0001

Physical address:
Department of Environmental Affairs
Environment House
473 Steve Biko,
Arcadia,
Pretoria

For Attention: Muhammad Essop
Integrated Environmental Authorisations
Strategic Infrastructure Developments
Telephone Number: (012) 399 9406
Email Address: MEssop@environment.gov.za

The Environmental Management Programme (EMPr) to be submitted as part of the EIAr must include the following:

i. All recommendations and mitigation measures recorded in the EIAr and the specialist studies conducted.
ii. The final site layout map.
iii. Measures as dictated by the final site layout map and micro-siting.
iv. An environmental sensitivity map indicating environmental sensitive areas and features identified during the EIA process.
v. A map combining the final layout map superimposed (overlain) on the environmental sensitivity map.
vi. An alien invasive management plan to be implemented during construction and operation of the facility. The plan must include mitigation measures to reduce the invasion of alien species and ensure that the continuous monitoring and removal of alien species is undertaken.
vii. A plant rescue and protection plan which allows for the maximum transplant of conservation important species from areas to be transformed. This plan must be compiled by a vegetation specialist familiar with the site and be implemented prior to commencement of the construction phase.
viii. A re-vegetation and habitat rehabilitation plan to be implemented during the construction and operation of the facility. Restoration must be undertaken as soon as possible after completion of construction activities to reduce the amount of habitat converted at any one time and to speed up the recovery to natural habitats.
ix. An open space management plan to be implemented during the construction and operation of the facility.
x. A traffic management plan for the site access roads to ensure that no hazards would results from the increased truck traffic and that traffic flow would not be adversely impacted. This plan must include measures to minimize impacts on local commuters e.g. limiting construction vehicles travelling on public

roadways during the morning and late afternoon commute time and avoid using roads through densely populated built-up areas so as not to disturb existing retail and commercial operations.

xi. A transportation plan for the transport of components, main assembly cranes and other large pieces of equipment.

xii. A storm water management plan to be implemented during the construction and operation of the facility. The plan must ensure compliance with applicable regulations and prevent off-site migration of contaminated storm water or increased soil erosion. The plan must include the construction of appropriate design measures that allow surface and subsurface movement of water along drainage lines so as not to impede natural surface and subsurface flows. Drainage measures must promote the dissipation of storm water run-off.

xiii. An erosion management plan for monitoring and rehabilitating erosion events associated with the facility. Appropriate erosion mitigation must form part of this plan to prevent and reduce the risk of any potential erosion.

xiv. A fire management plan to be implemented during the construction and operation of the facility.

xv. An effective monitoring system to detect any leakage or spillage of all hazardous substances during their transportation, handling, use and storage. This must include precautionary measures to limit the possibility of oil and other toxic liquids from entering the soil or storm water systems.

xvi. Measures to protect hydrological features such as streams, rivers, pans, wetlands, dams and their catchments, and other environmental sensitive areas from construction impacts including the direct or indirect spillage of pollutants.

You are required to submit an avifauna and bat pre-construction monitoring report together with the draft EIAr. Baseline monitoring must be undertaken for a period of 12 months. The avifauna and bat preconstruction monitoring must be conducted in accordance with the minimum requirements guidelines produced by Bird Life South Africa and the South African Bat Advisory Panel. The baseline monitoring programme for avifauna and bats must cover the entire site as well as the height of the entire facility. i.e., you may be required to install more monitoring masts at height.

The EIAr must include a **cumulative assessment** of the facility since there are other similar facilities proposed in the region. The specialist studies e.g. biodiversity, visual, noise etc. must also assess the facility in terms of potential cumulative impacts. The specialist studies as outlined in the PoSEIA which is incorporated as part of the SR must also assess the facility in terms of potential cumulative impacts.

Please ensure that all the relevant Listing Notice activities are applied for, that the Listing Notice activities applied for are specific and that they can be linked to the development activity or infrastructure in the project description.

You are hereby reminded that should the EIAr fail to comply with the requirements of this acceptance letter, the EIAr will be rejected.

The applicant is hereby reminded to comply with the requirements of Regulation 67 with regard to the time period allowed for complying with the requirements of the Regulations, and Regulations 56 and 57 with regard to the allowance of a comment period for interested and affected parties on all reports submitted to the competent authority for decision-making. The reports referred to are listed in Regulation 56(3a-3h).

Furthermore, it must be reiterated that, should an application for Environmental Authorisation be subject to the provisions of Chapter II, Section 38 of the National Heritage Resources Act, Act 25 of 1999, then this Department will not be able to make nor issue a decision in terms of your application for Environmental Authorisation pending a letter from the pertinent heritage authority categorically stating that the application fulfils the requirements of the relevant heritage resources authority as described in Chapter II, Section 38(8) of the National Heritage

Resources Act, Act 25 of 1999. Comments from SAHRA and/or the provincial department of heritage must be provided in the EIAr.

You are requested to submit two (2) electronic copies (CD/DVD and two (2) hard copies of the Environmental Impact Report (EIAr) to the Department as per Regulation 34(1)(b) of the EIA Regulations, 2010.

Please also find attached information that must be used in the preparation of the Environmental Impact Report. This will enable the Department to speedily review the EIAr and make a decision on the application.

You are hereby reminded of Section 24F of the National Environmental Management Act, Act No 107 of 1998, as amended, that no activity may commence prior to an Environmental Authorisation being granted by the Department.

Yours faithfully

Mr Sabelo Malaza
Chief Director: Integrated Environmental Authorisations
Department of Environmental Affairs
Letter Signed By: Mr Coenrad Agenbach
Designation: Deputy Director: Strategic Infrastructure Developments
Date: 06/08/2015

cc:	Mr Louis Dewavrin	InnoWind (Pty) Ltd	Tel: (041) 487 2418	Email: ldewavrin@innowind.com
	Mr Tsholo Makaudi	NC DEANC	Tel: (053) 807 7300	Email: amabunda@grand.ncape.gov.za
	Mr Mncedisi Makosonke	EC DEDEAT	Tel: (045) 838 3983	Email: mncedisi.makosonke@deaet.ecape.gov.za

A. EIA INFORMATION REQUIRED FOR WIND ENERGY FACILITIES

1. General site information

The following general site information is required:

- Descriptions of all affected farm portions
- 21 digit Surveyor General codes of all affected farm portions
- Copies of deeds of all affected farm portions
- Photos of areas that give a visual perspective of all parts of the site
- Photographs from sensitive visual receptors (tourism routes, tourism facilities, etc.)
- Wind plant design specifications including:
  - Type of technology
  - Structure height
  - Surface area to be covered (including associated infrastructure such as roads)
  - Structure orientation
  - Laydown area dimensions (construction period and thereafter)
  - Generation capacity
- Generation capacity of the facility as a whole at delivery points

This information must be indicated on the first page of any Scoping or EIA document. It is also advised that it be double checked as there are too many mistakes in the applications that have been received that take too much time from authorities to correct.

2. Sample of technical details for the proposed facility

Component	Description /dimensions
Number of Turbines	
Hub Height	
Blade Length	
Rotor Diameter	
Area occupied by inverter / transformer stations / substations	
Capacity of on-site substation	
Area occupied by both permanent and construction laydown areas	
Area occupied by buildings	
Length of internal roads	
Width of internal roads	
Proximity to grid connection	
Height of fencing	
Type of fencing	

3. Site maps and GIS information

Site maps and GIS information should include at least the following:

- All maps/information layers must also be provided in ESRI Shapefile format
- All affected farm portions must be indicated
- The exact site of the application must be indicated (the areas that will be occupied by the application)

- A status quo map/layer must be provided that includes the following:
  - Current use of land on the site including:
    - Buildings and other structures
    - Agricultural fields
    - Grazing areas
    - Natural vegetation areas (natural veld not cultivated for the preceding 10 years) with an indication of the vegetation quality as well as fine scale mapping in respect of Critical Biodiversity Areas and Ecological Support Areas
    - Critically endangered and endangered vegetation areas that occur on the site
    - Bare areas which may be susceptible to soil erosion
    - Cultural historical sites and elements
  - Rivers, streams and water courses
  - Ridgelines and 20m continuous contours with height references in the GIS database
  - Fountains, boreholes, dams (in-stream as well as off-stream) and reservoirs
  - High potential agricultural areas as defined by the Department of Agriculture, Forestry and Fisheries
  - Buffer zones (also where it is dictated by elements outside the site):
    - 500m from any irrigated agricultural land
    - 1km from residential areas
  - Indicate isolated residential, tourism facilities on or within 1km of the site
- A slope analysis map/layer that include the following slope ranges:
  - Less than 8% slope (preferred areas for turbines and infrastructure)
  - between 8% and 12% slope (potentially sensitive to turbines and infrastructure)
  - between 12%and 14% slope (highly sensitive to turbines and infrastructure)
  - steeper than 18 % slope (unsuitable for turbines and infrastructure)
- A map/layer that indicate locations of birds and bats including roosting and foraging areas (specialist input required)
- A site development proposal map(s)/layer(s) that indicate:
  - Turbine positions
  - Foundation footprint
  - Permanent laydown area footprint
  - Construction period laydown footprint
  - Internal roads indicating width (construction period width and operation period width) and with numbered sections between the other site elements which they serve (to make commenting on sections possible)
  - River, stream and water crossing of roads and cables indicating the type of bridging structures that will be used
  - Substation(s) and/or transformer(s) sites including their entire footprint.
  - Cable routes and trench dimensions (where they are not along internal roads)
  - Connection routes to the distribution/transmission network (the connection must form part of the EIA even if the construction and maintenance thereof will be done by another entity such as ESKOM)
  - Cut and fill areas at turbine sites along roads and at substation/transformer sites indicating the expected volume of each cut and fill
  - Borrow pits
  - Spoil heaps (temporary for topsoil and subsoil and permanently for excess material)
  - Buildings including accommodation

With the above information authorities will be able to assess the strategic and site impacts of the application.

4. Regional map and GIS information

The regional map and GIS information should include at least the following:

- All maps/information layers must also be provided in ESRI Shapefile format
- The map/layer must cover an area of 20km around the site
- Indicate the following:
  - roads including their types (tarred or gravel) and category (national, provincial, local or private)
  - Railway lines and stations
  - Industrial areas
  - Harbours and airports
  - Electricity transmission and distribution lines and substations
  - Pipelines
  - Waters sources to be utilised during the construction and operational phases
  - A visibility assessment of the areas from where the facility will be visible
  - Critical Biodiversity Areas and Ecological Support Areas
  - Critically Endangered and Endangered vegetation areas
  - Agricultural fields
  - Irrigated areas
  - An indication of new road or changes and upgrades that must be done to existing roads in order to get equipment onto the site including cut and fill areas and crossings of rivers and streams

5. Important stakeholders

Amongst other important stakeholders, comments from the National Department of Agriculture, Forestry and Fisheries must be obtained and submitted to the Department. Any application, documentation, notification etc. should be forwarded to the following officials:

Ms Mashudu Marubini
Delegate of the Minister (Act 70 of 1970)
E-mail: MashuduMa@daff.gov.za
Tel 012- 319 7619

Ms Thoko Buthelezi
AgriLand Liaison office
E-mail: ThokoB@daff.gov.za
Tel 012- 319 7634

All hardcopy applications / documentation should be forwarded to the following address:

Physical address:
Delpen Building
Cnr Annie Botha and Union Street
Office 270
Attention: Delegate of the Minister Act 70 of 1970

Postal Address:
Department of Agriculture, Forestry and Fisheries
Private Bag X120

Pretoria
0001
Attention: Delegate of the Minister Act 70 of 1970

In addition, comments must be requested from Eskom regarding grid connectivity and capacity. Request for comment must be submitted to:

Mr John Geeringh
Eskom Transmission
Megawatt Park D1Y38
PO Box 1091
JOHANNESBURG
2000

Tel: 011 516 7233
Fax: 086 661 4064
John.geeringh@eskom.co.za

B. AGRICULTURE STUDY REQUIREMENTS

- Detailed soil assessment of the site in question, incorporating a radius of 50 m surrounding the site, on a scale of 1:10 000 or finer. The soil assessment should include the following:
  - Identification of the soil forms present on site
  - The size of the area where a particular soil form is found
  - GPS readings of soil survey points
  - The depth of the soil at each survey point
  - Soil colour
  - Limiting factors
  - Clay content
  - Slope of the site
  - A detailed map indicating the locality of the soil forms within the specified area,
  - Size of the site
- Exact locality of the site
- Current activities on the site, developments, buildings
- Surrounding developments / land uses and activities in a radius of 500 m of the site
- Access routes and the condition thereof
- Current status of the land (including erosion, vegetation and a degradation assessment)
- Possible land use options for the site
- Water availability, source and quality (if available)
- Detailed descriptions of why agriculture should or should not be the land use of choice
- Impact of the change of land use on the surrounding area
- A shape file containing the soil forms and relevant attribute data as depicted on the map.

C. ASTRONOMY GEOGRAPHIC ADVANTAGE ACT, 2007 (ACT NO. 21 OF 2007)

The purpose of the Act is to preserve the geographic advantage areas that attract investment in astronomy. The entire Northern Cape Province excluding the Sol Plaatjie Municipality had been declared an astronomy advantage area. The Northern Cape optical and radio telescope sites were declared core astronomy advantage areas. The Act allowed for the declaration of the Southern Africa Large Telescope (SALT), MeerKAT and Square Kilometre Array (SKA) as astronomy and related scientific endeavours that had to be protected.

You are requested to indicate the applicability of the Astronomy Geographic Advantage Act, Act No. 21 of 2007 on the application in the BAR/EIR. You must obtain comments from the Southern African Large Telescope (SALT) if the proposed development is situated within a declared astronomy advantage area.

EOH
Coastal & Environmental Services

2nd February 2015

Dear Interested & Affected Parties and Stakeholders

NOTIFICATION OF RELEASE OF DRAFT ENVIRONMENTAL IMPACT ASSESSMENT REPORT FOR THE PROPOSED DEVELOPMENT OF UMSOBOMVU WIND ENERGY FACILITY (DEA Reference: 14/12/16/3/3/2/730)

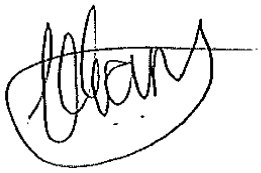
In accordance with the requirements of Section 54 (2) (b) (vi) of the Environmental Impact Assessment Regulations (2010) made in terms of section 24(5) of the National Environmental Management Act (Act No 107 of 1998) as amended in 2010, we are required to, "*give written notice to any organ of state having jurisdiction in respect of any aspect of the activity*". In accordance with this requirement, please find here-with a letter of notification for an environmental impact assessment being carried out by EOH Coastal and Environmental Services in respect of the above-mentioned project.

InnoWind (Pty) Ltd is a South Africa based renewable energy generator that develops, finances, builds, operates and maintains commercial wind powered generation facilities. InnoWind is proposing to construct a Wind Energy Facility (WEF) to be developed between Middelburg (Eastern Cape) and Noupoort (Northern Cape) on the provincial border. The WEF will host approximately 80 wind turbines, each generating between 1.5 - 4 megawatts (MW) of electricity, with total combined potential power output of approximately 140MW.

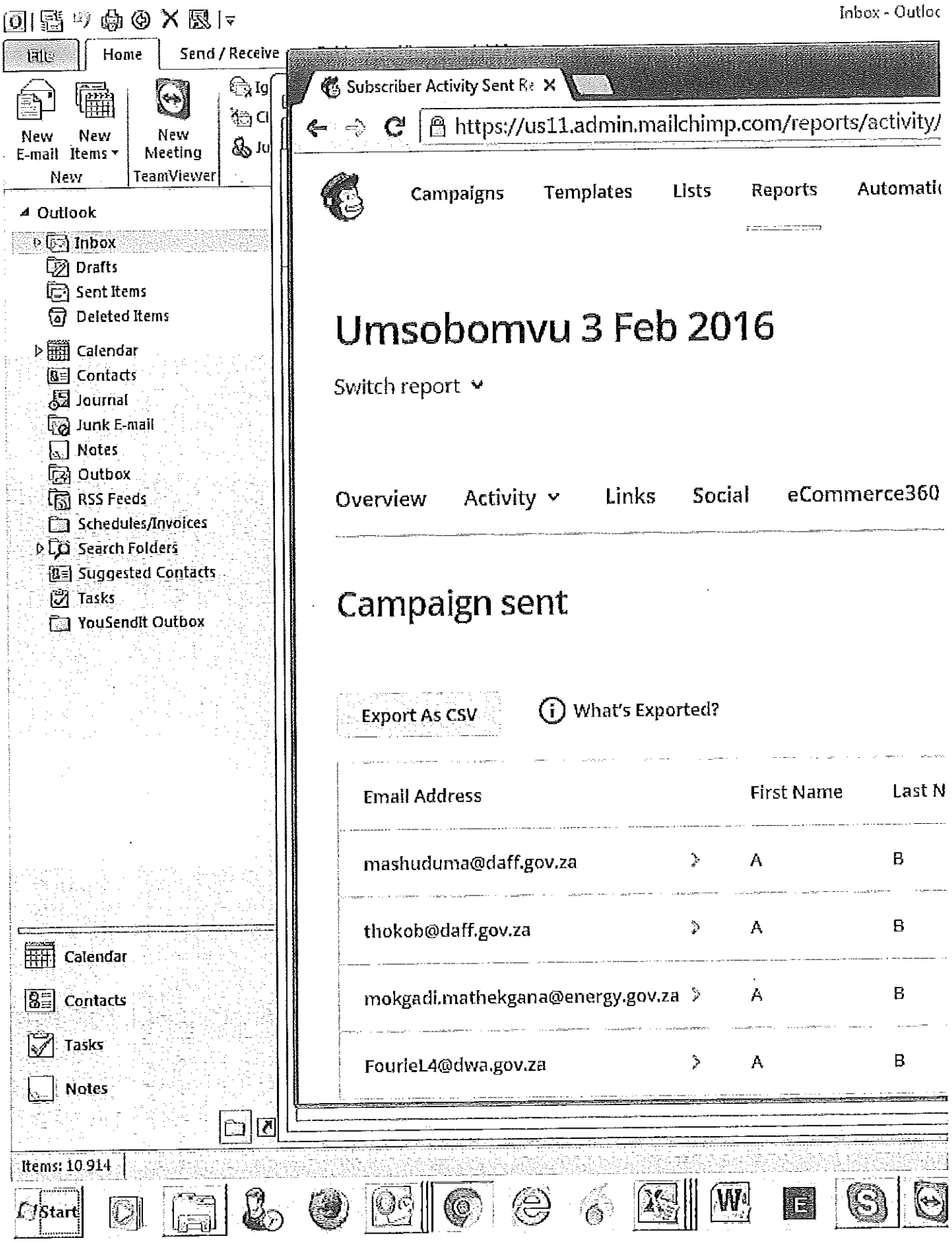
All Interested and Affected Parties are hereby notified of the availability of the Draft Environmental Impact Assessment Report for public review and comment. The review period is from **3rd February 2016 to 7th March 2016**. Copies of the Draft Environmental Impact Assessment Report are available for review and comment at the following locations

- Middelburg Public Library
- The EOH CES website at the following link : http://cesnet.co.za/umsobomvu.html

Kind regards,



Caroline Evans
Project Manager
Environmental Consultant, EOH Coastal and Environmental Services
Tel: 046 622 2364
Email: c.evans@cesnet.co.za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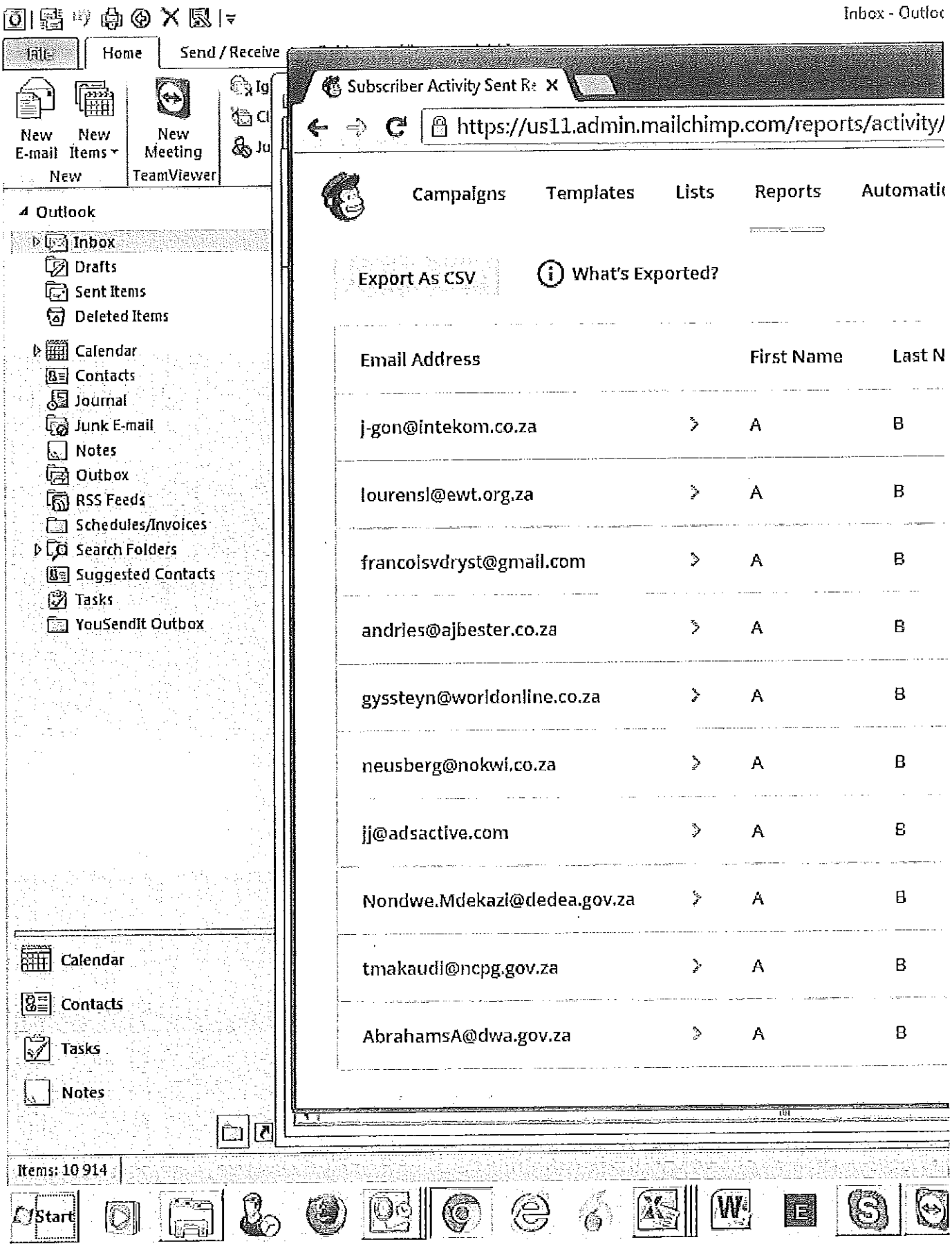
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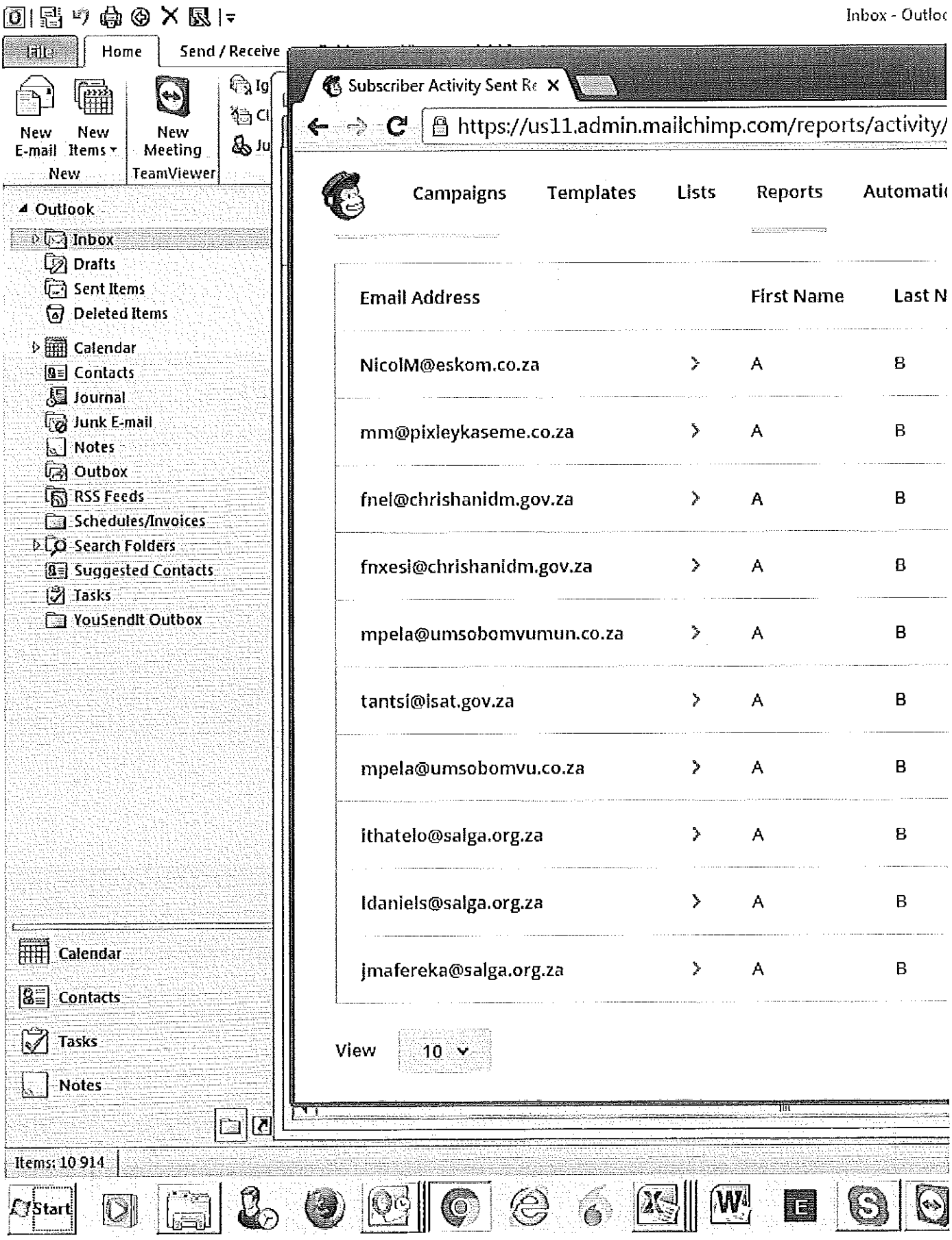
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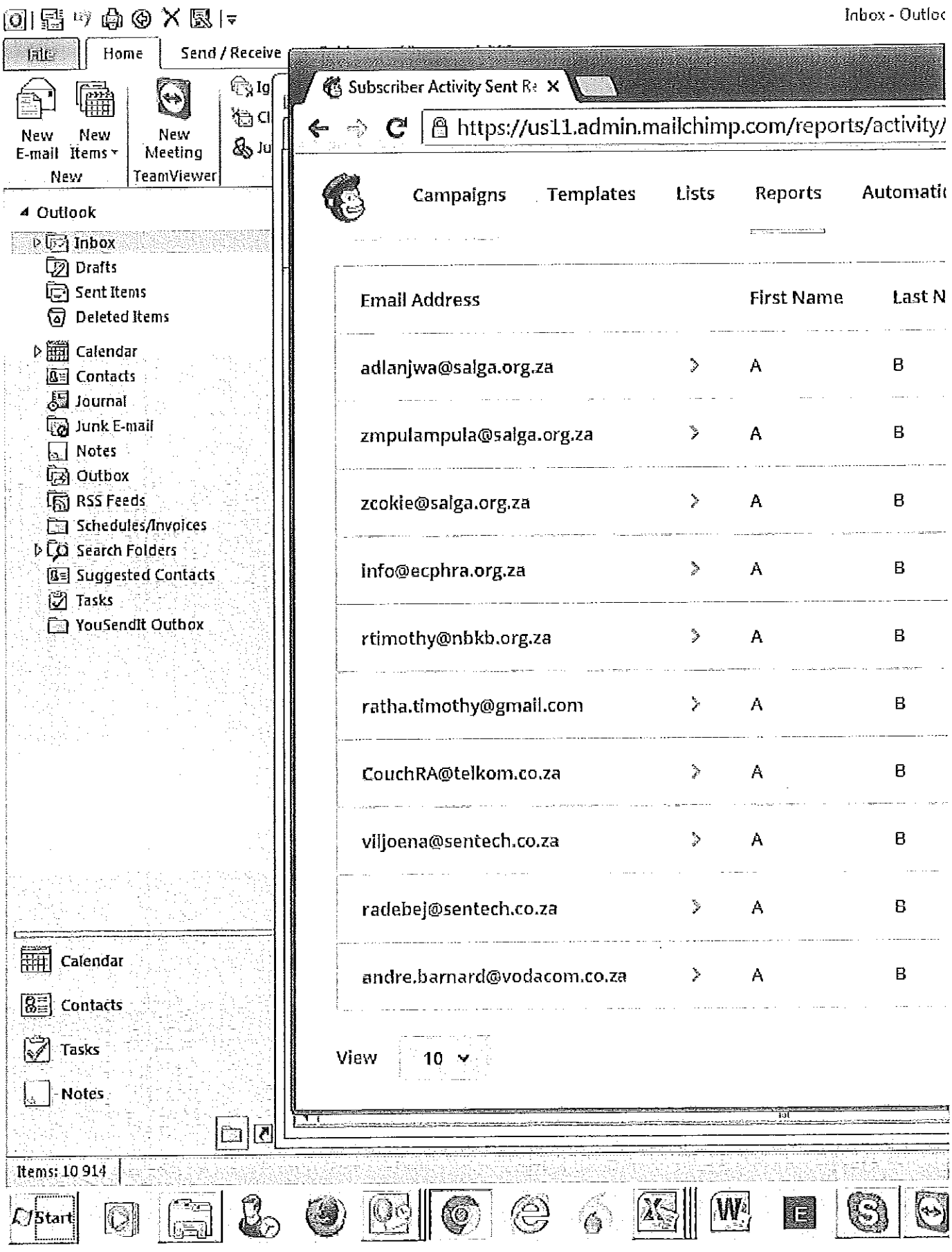
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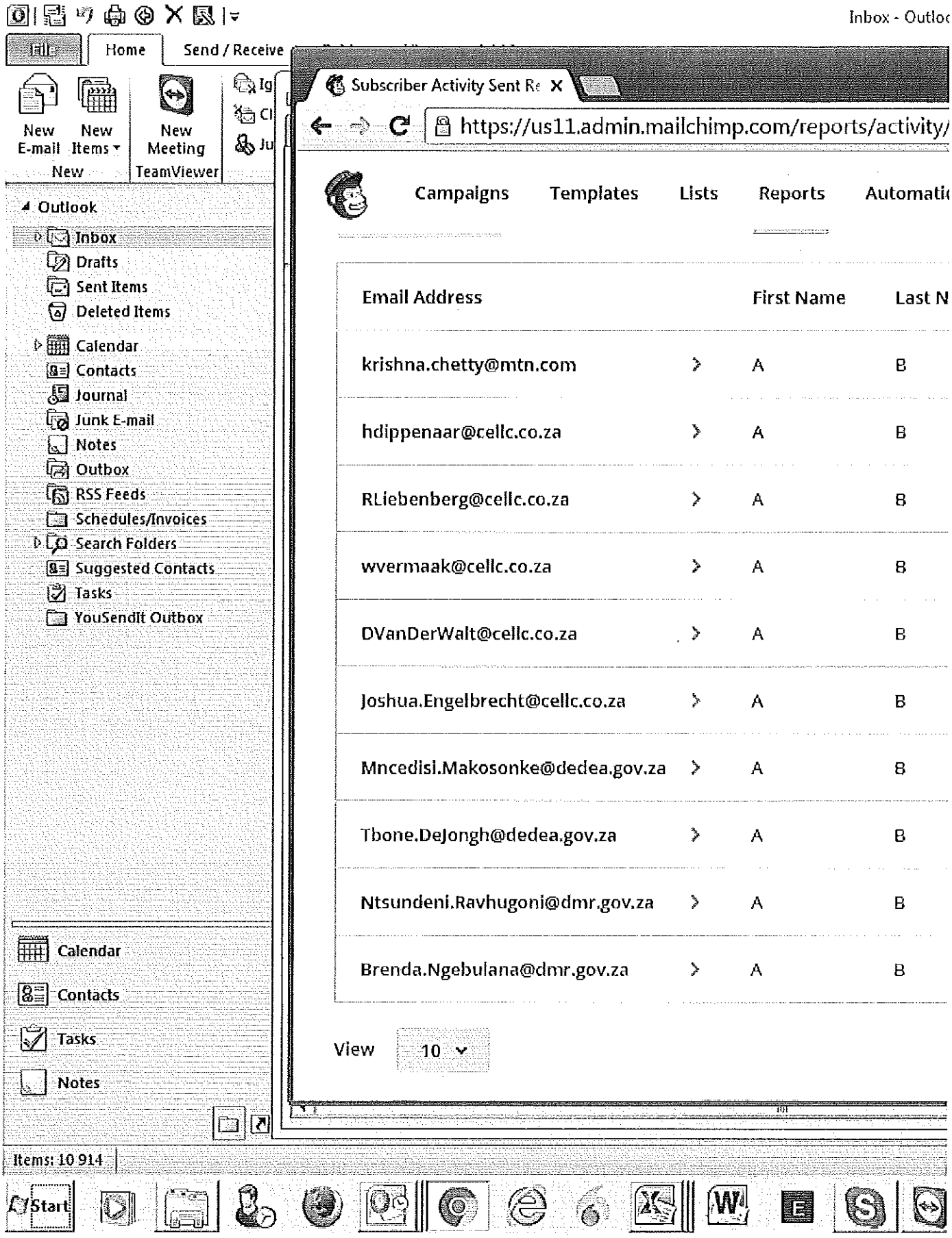
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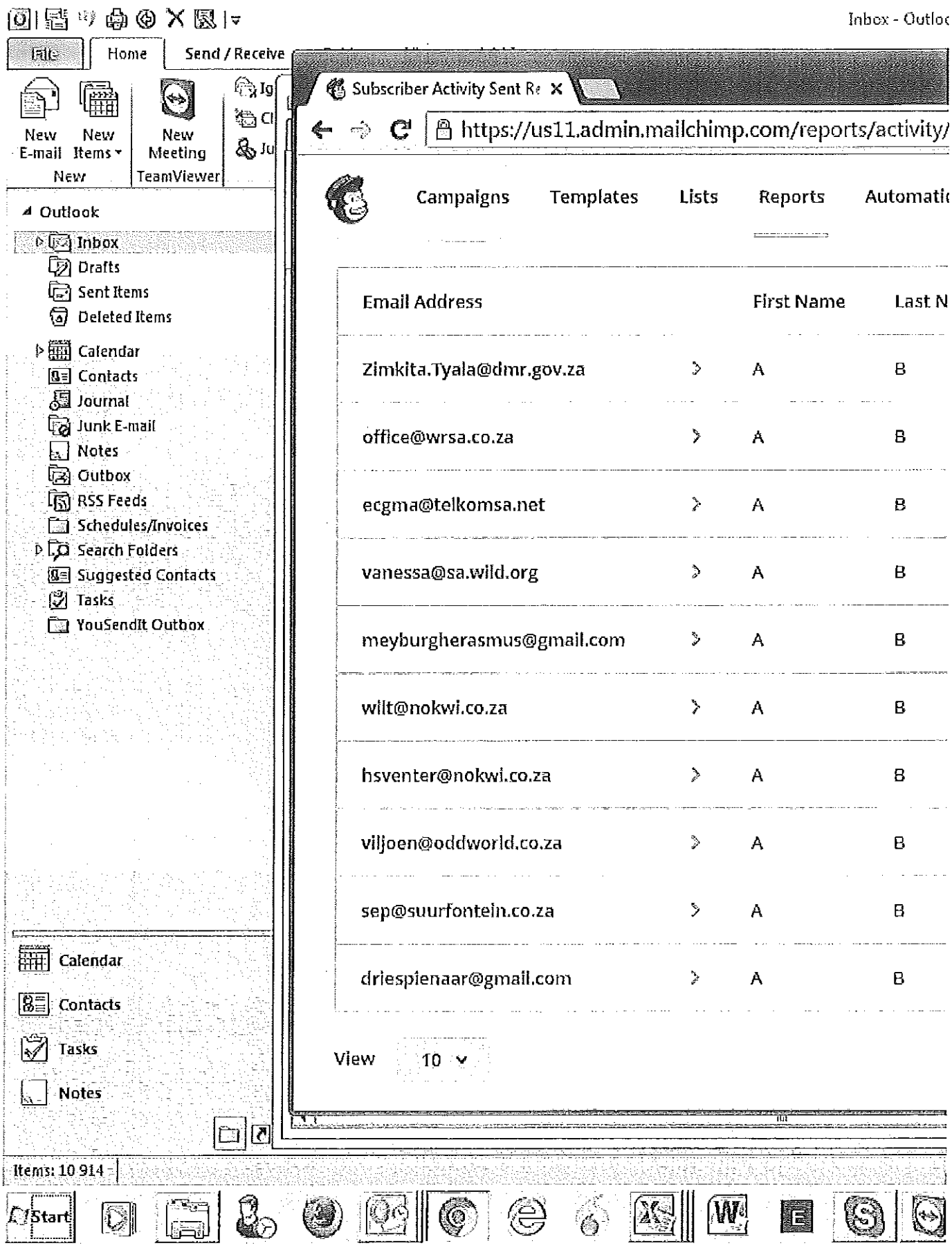
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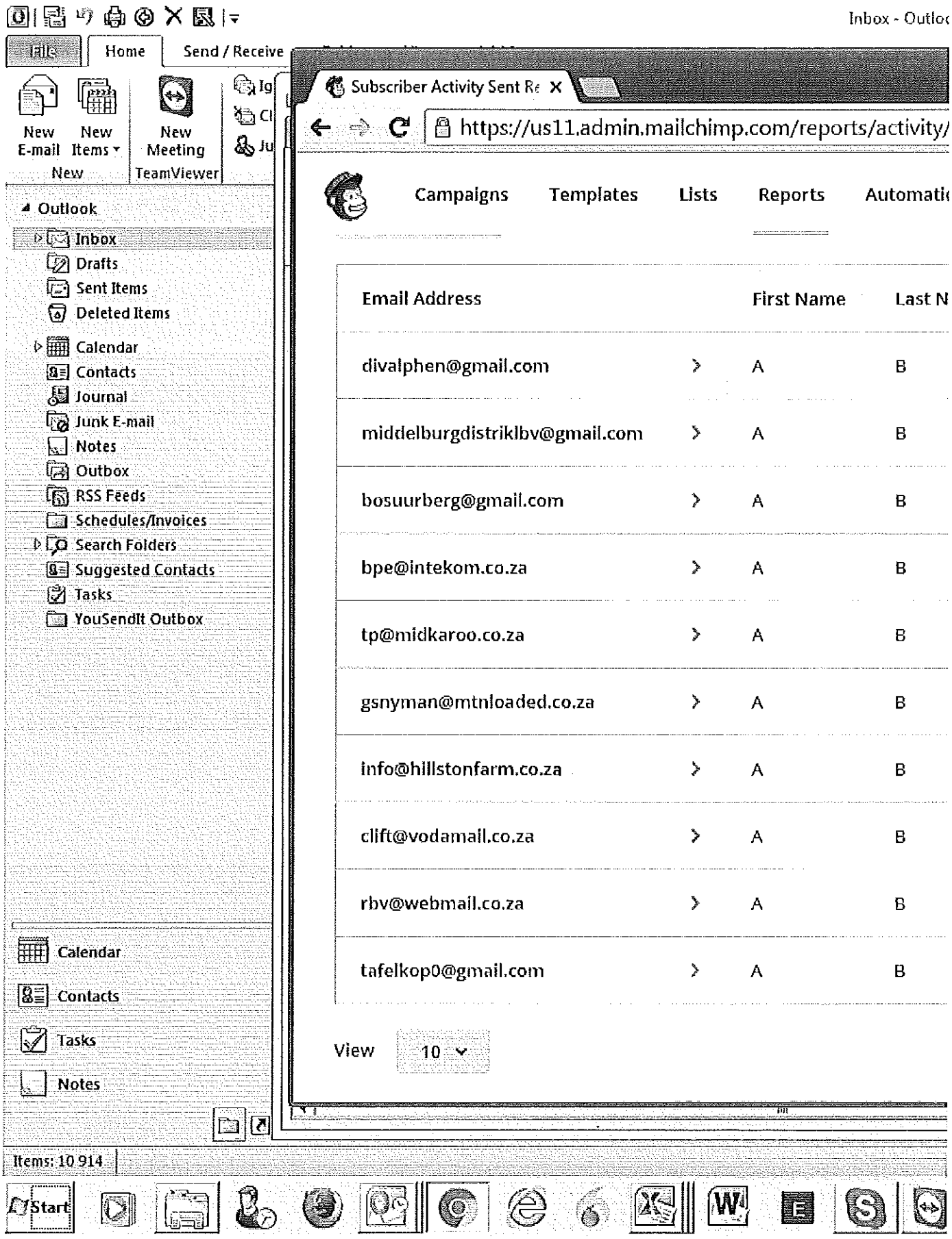
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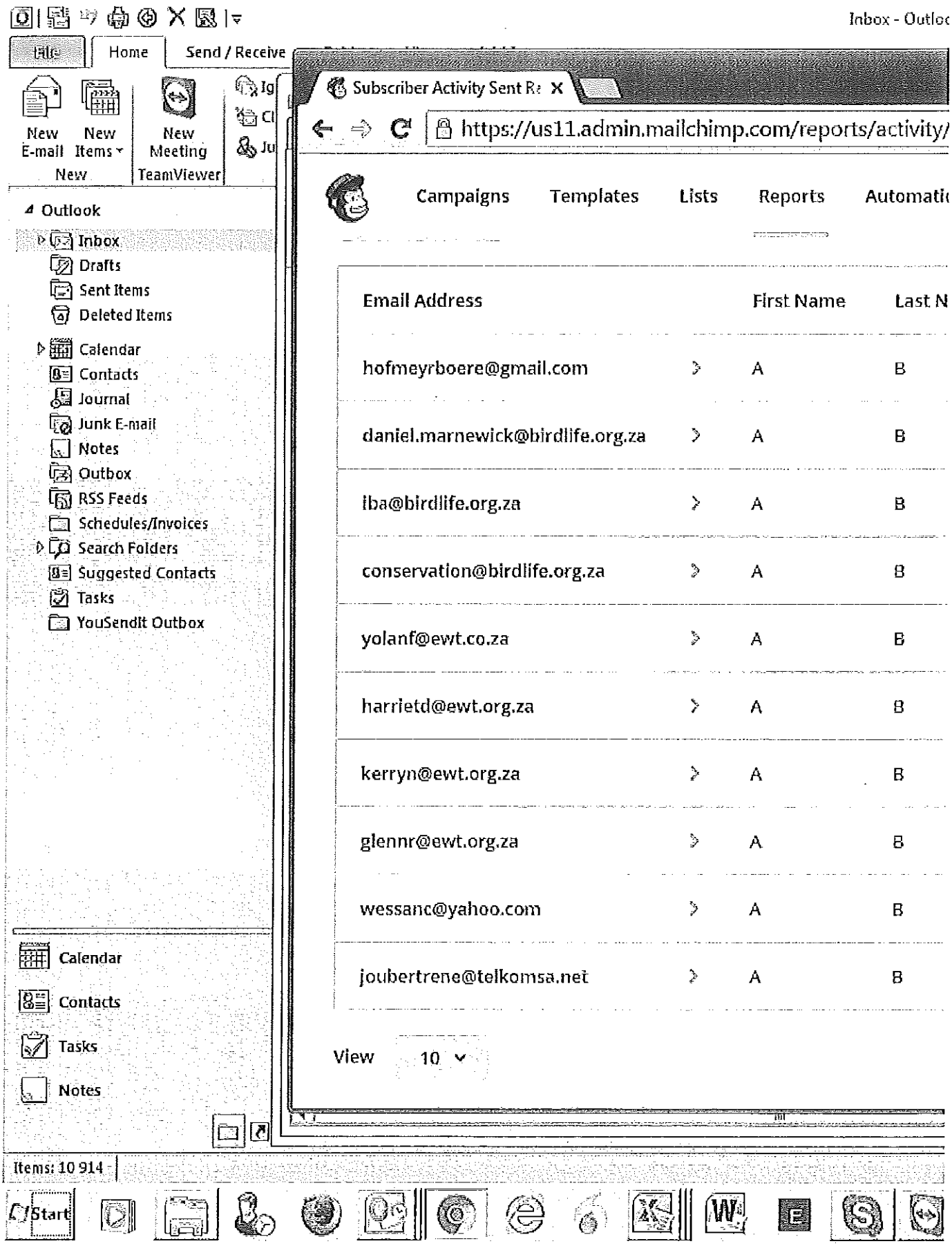
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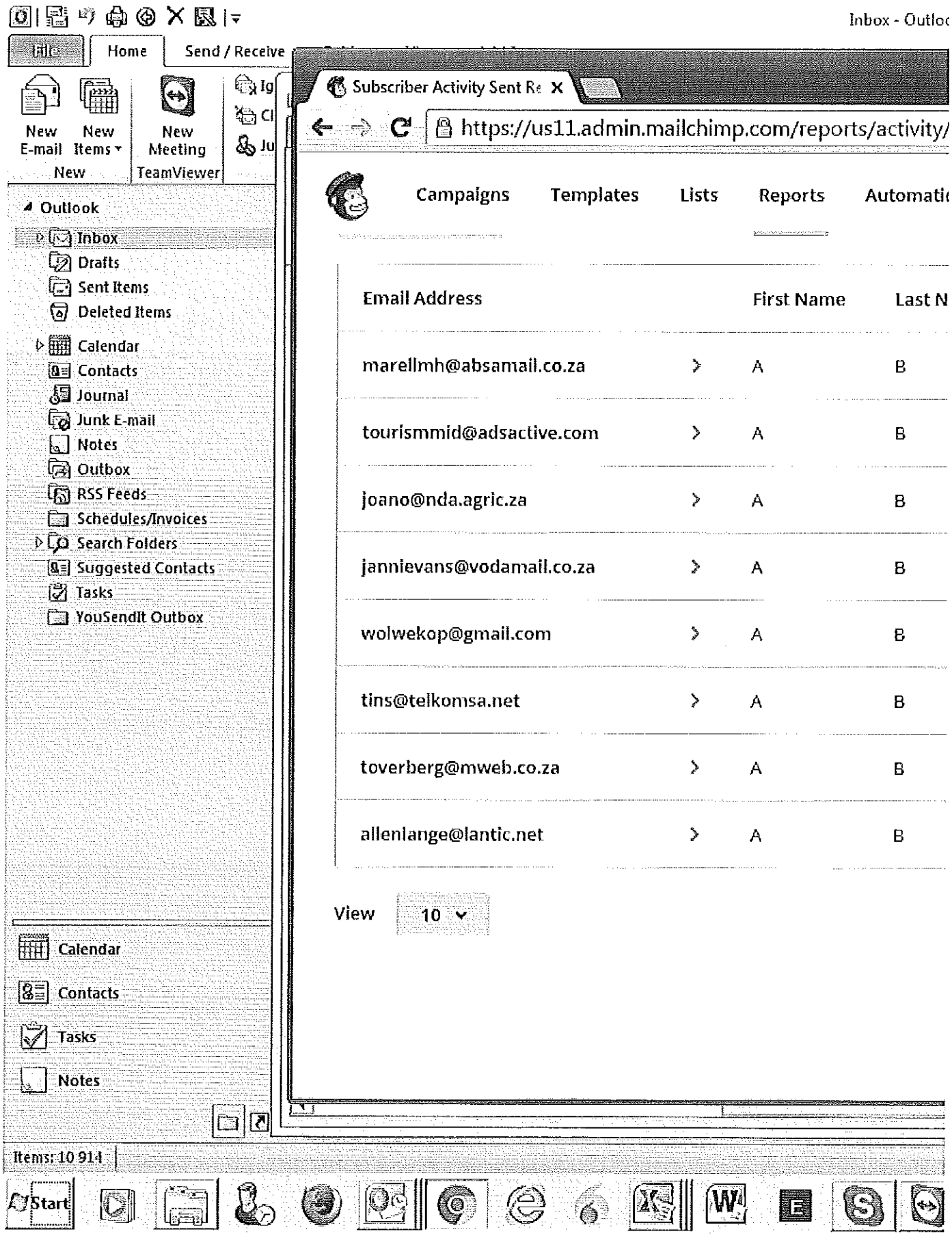
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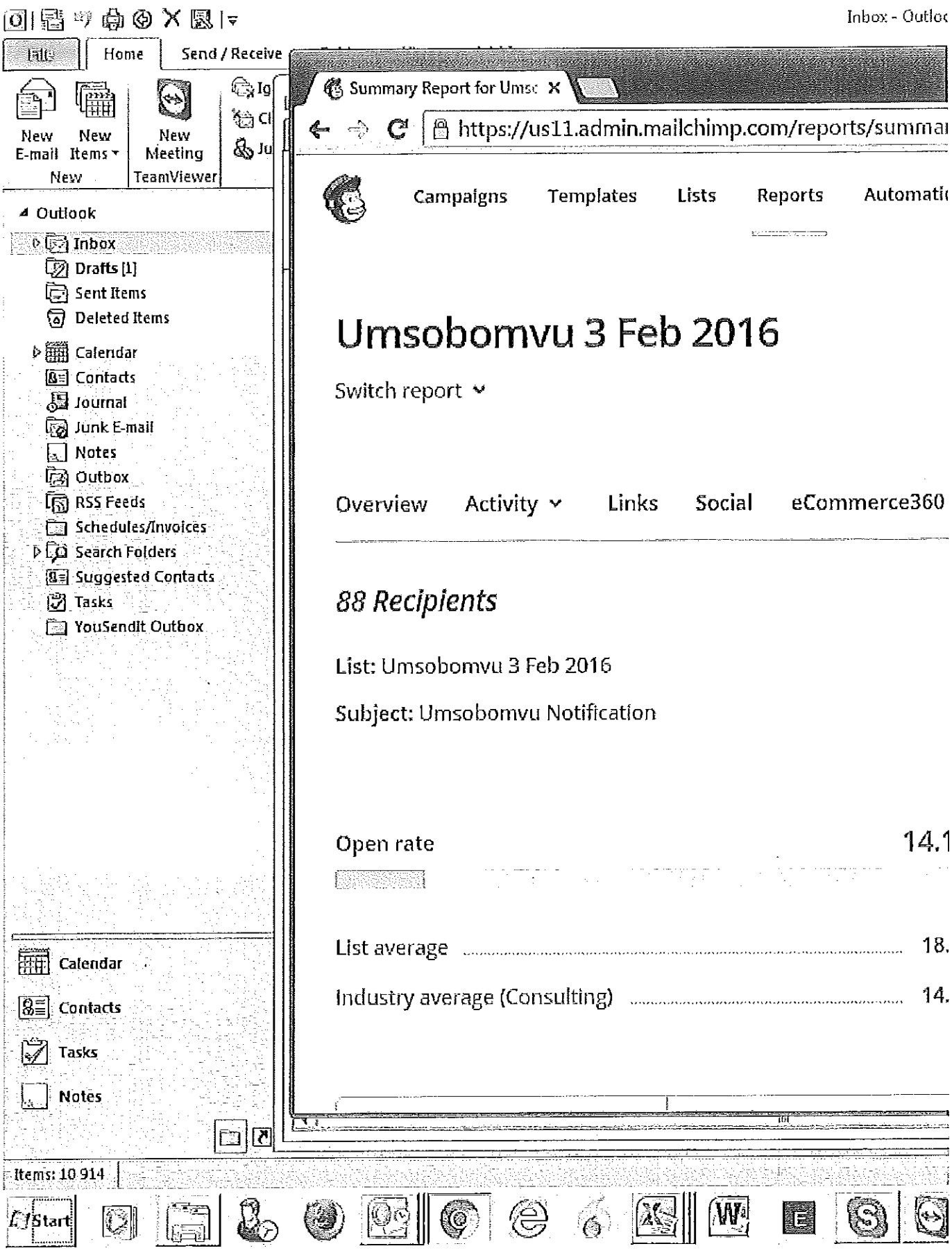
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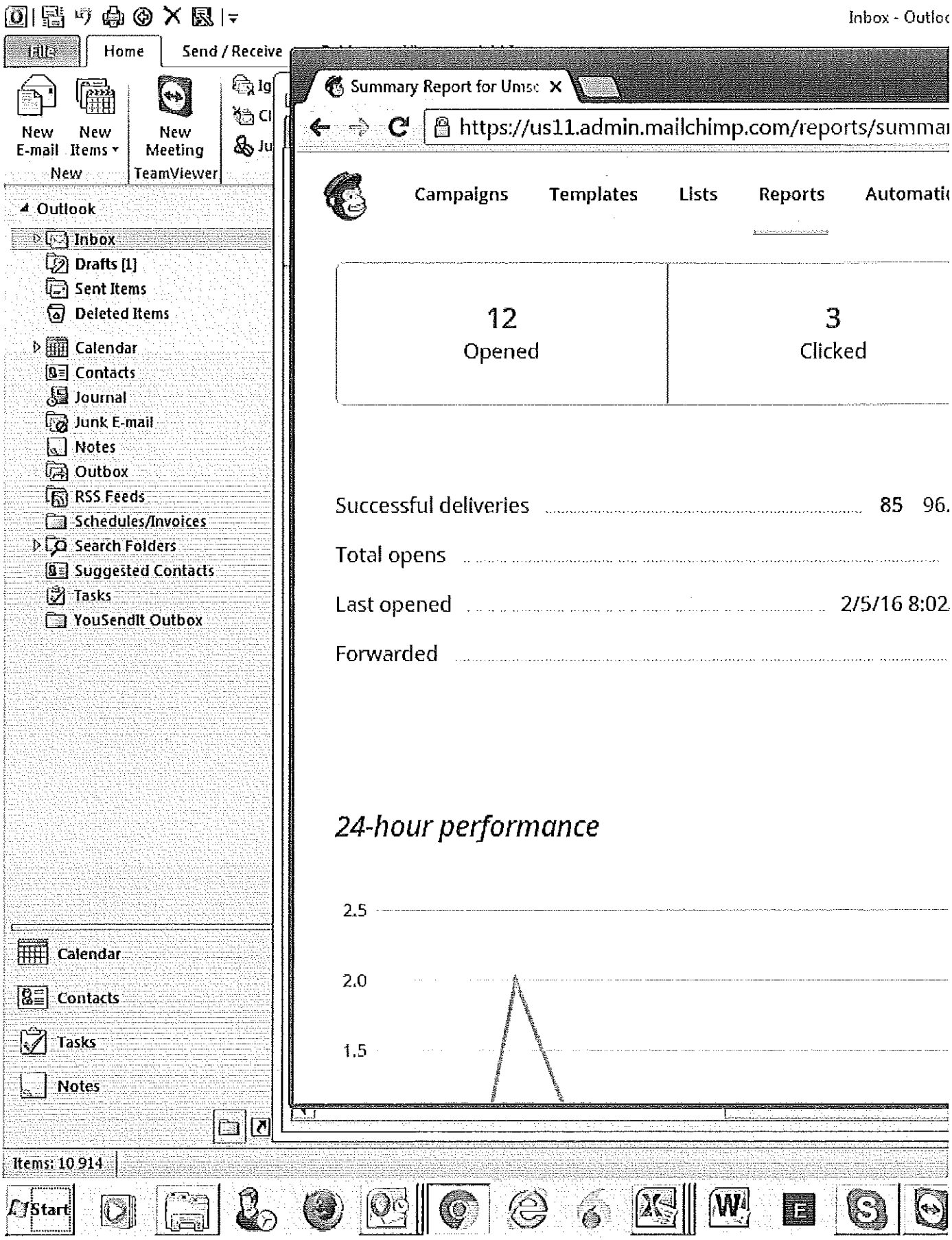
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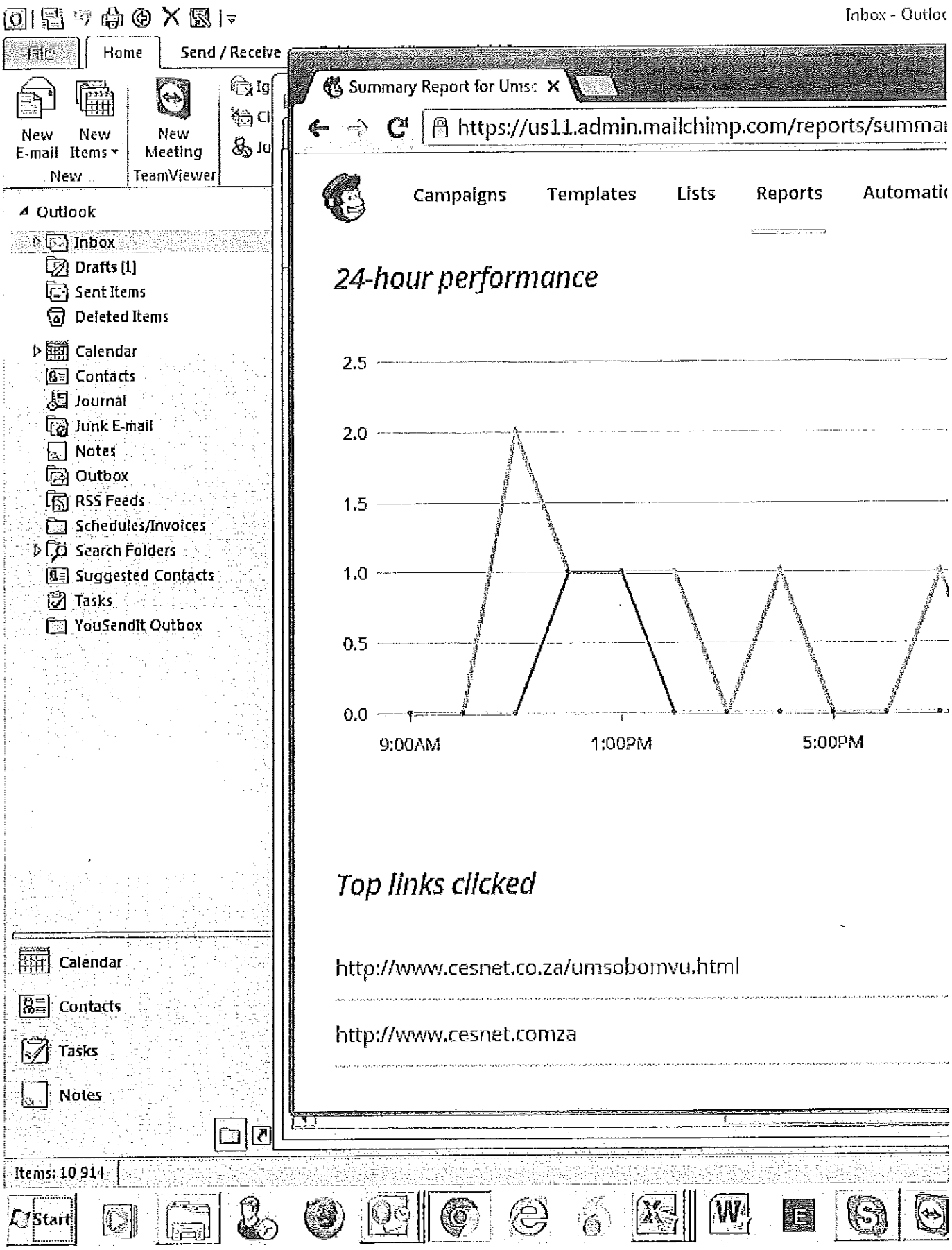
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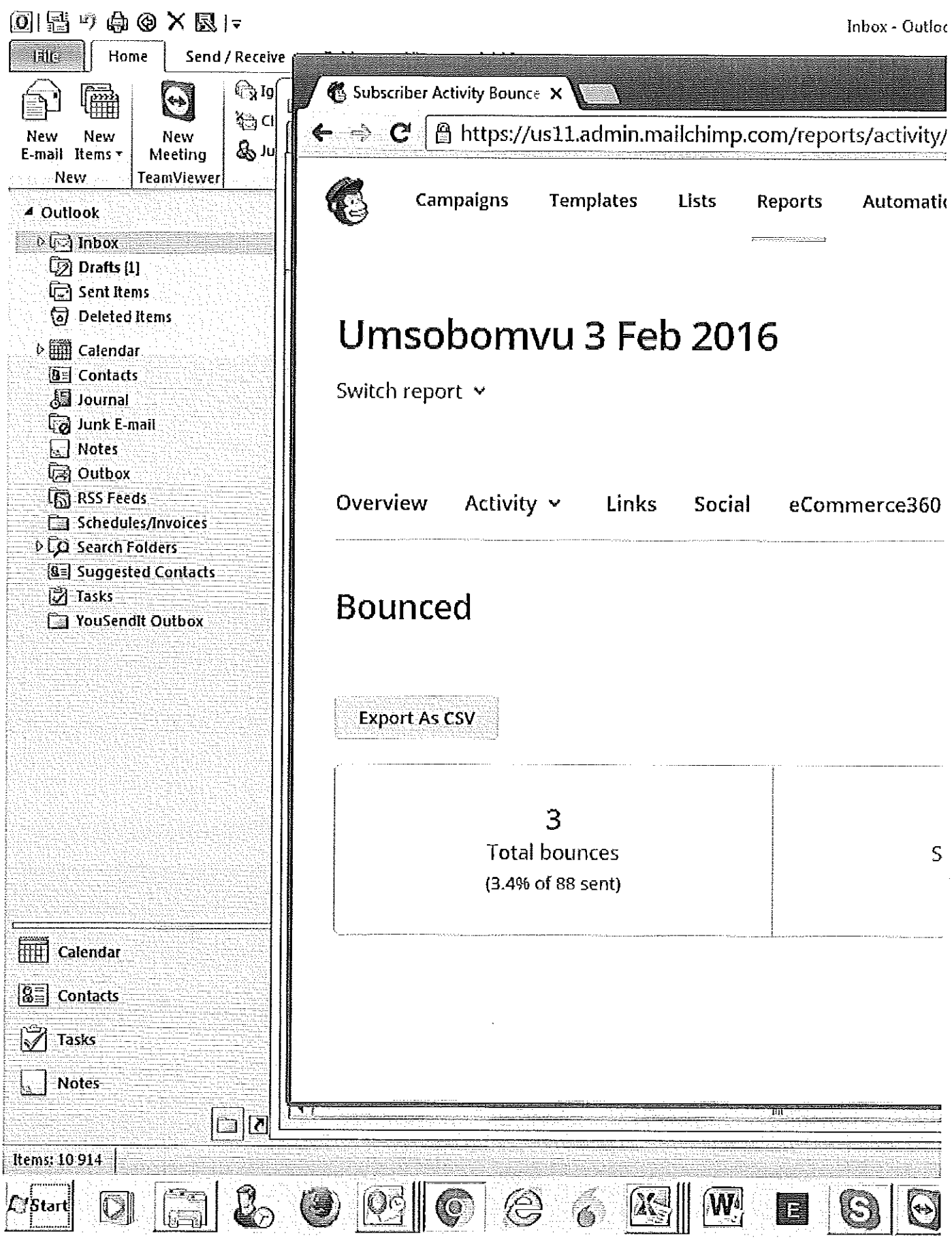
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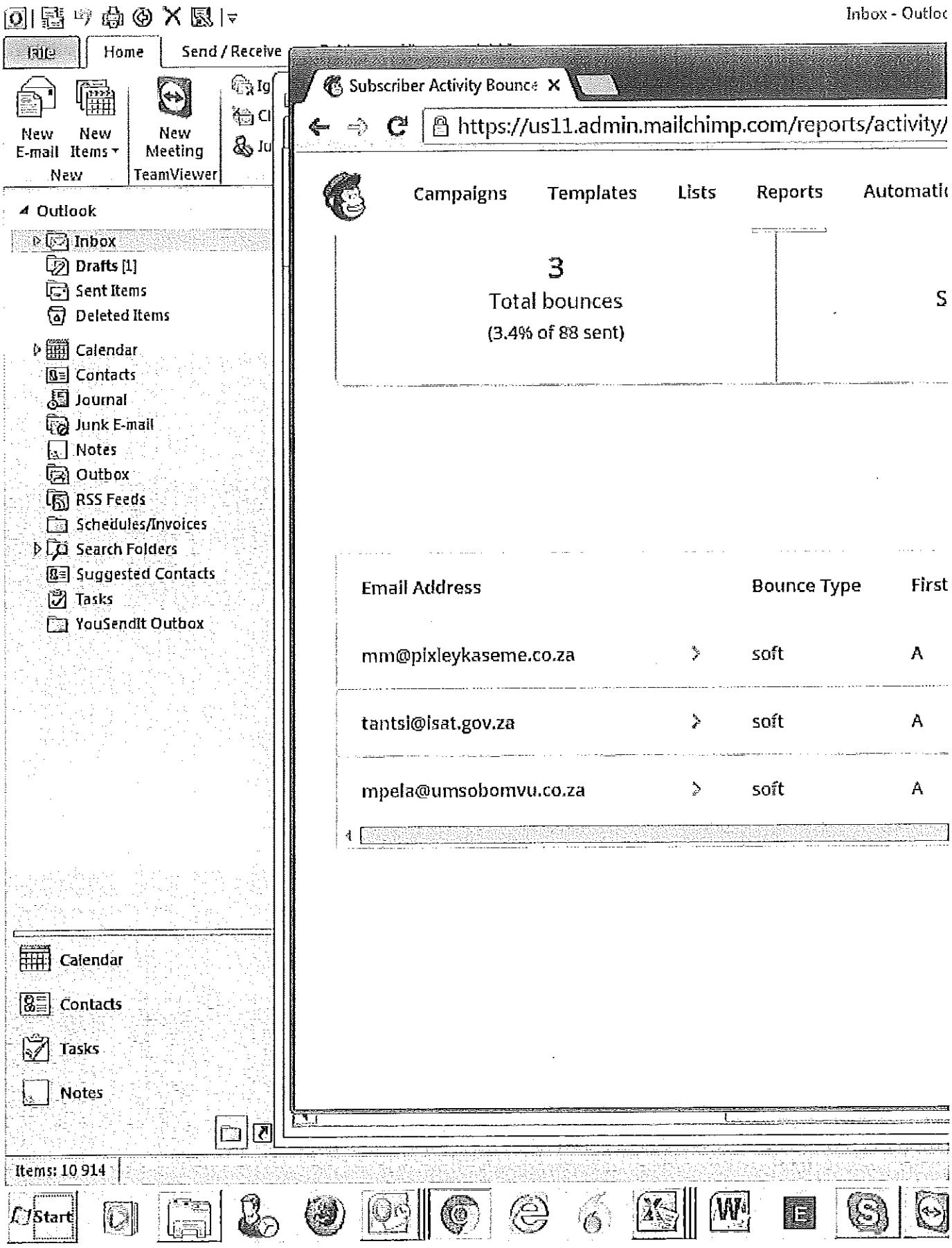
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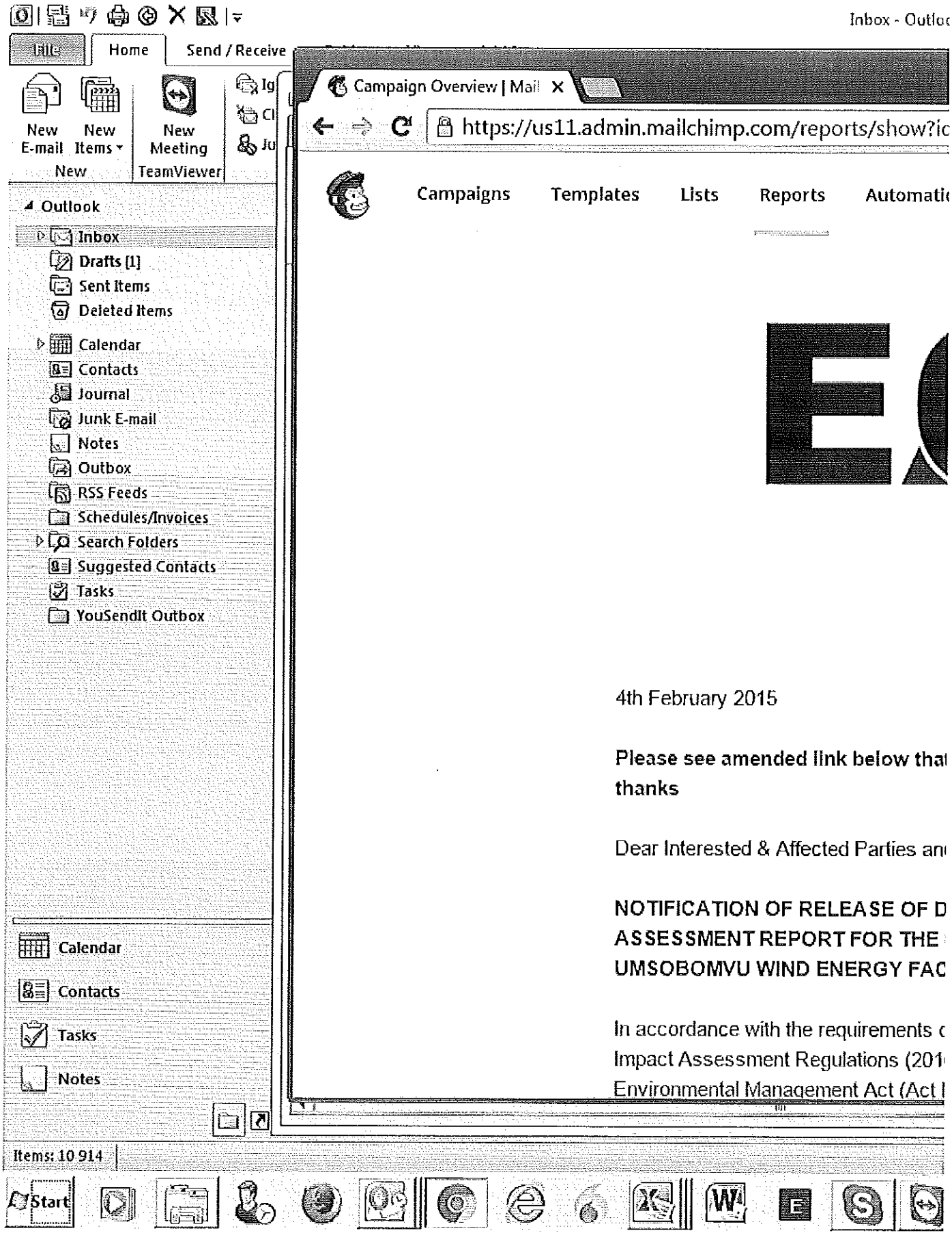
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4th February 2015
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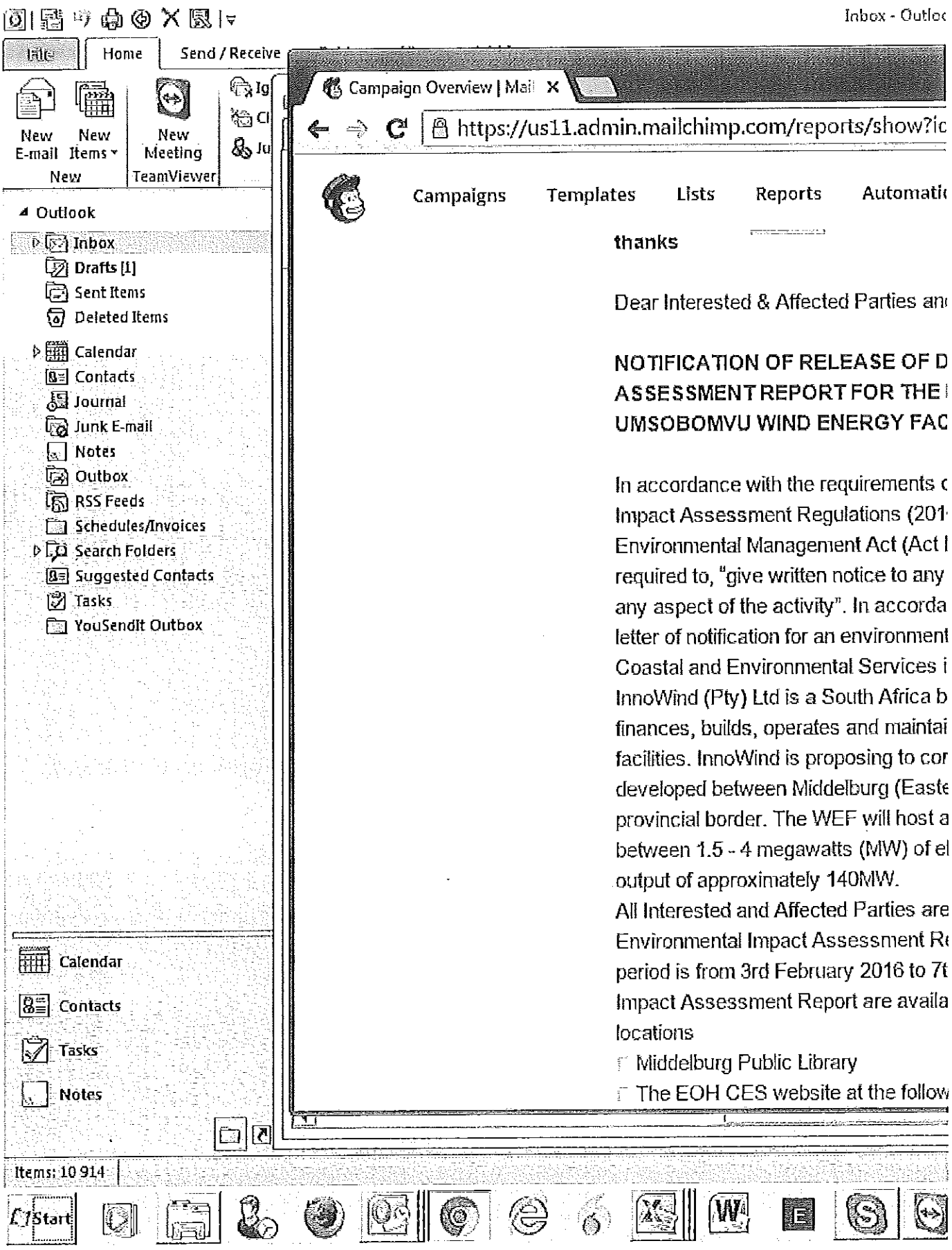
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facilities. InnoWind is proposing to cor
developed between Middelburg (Easte
provincial border. The WEF will host a
between 1.5 - 4 megawatts (MW) of el
output of approximately 140MW.
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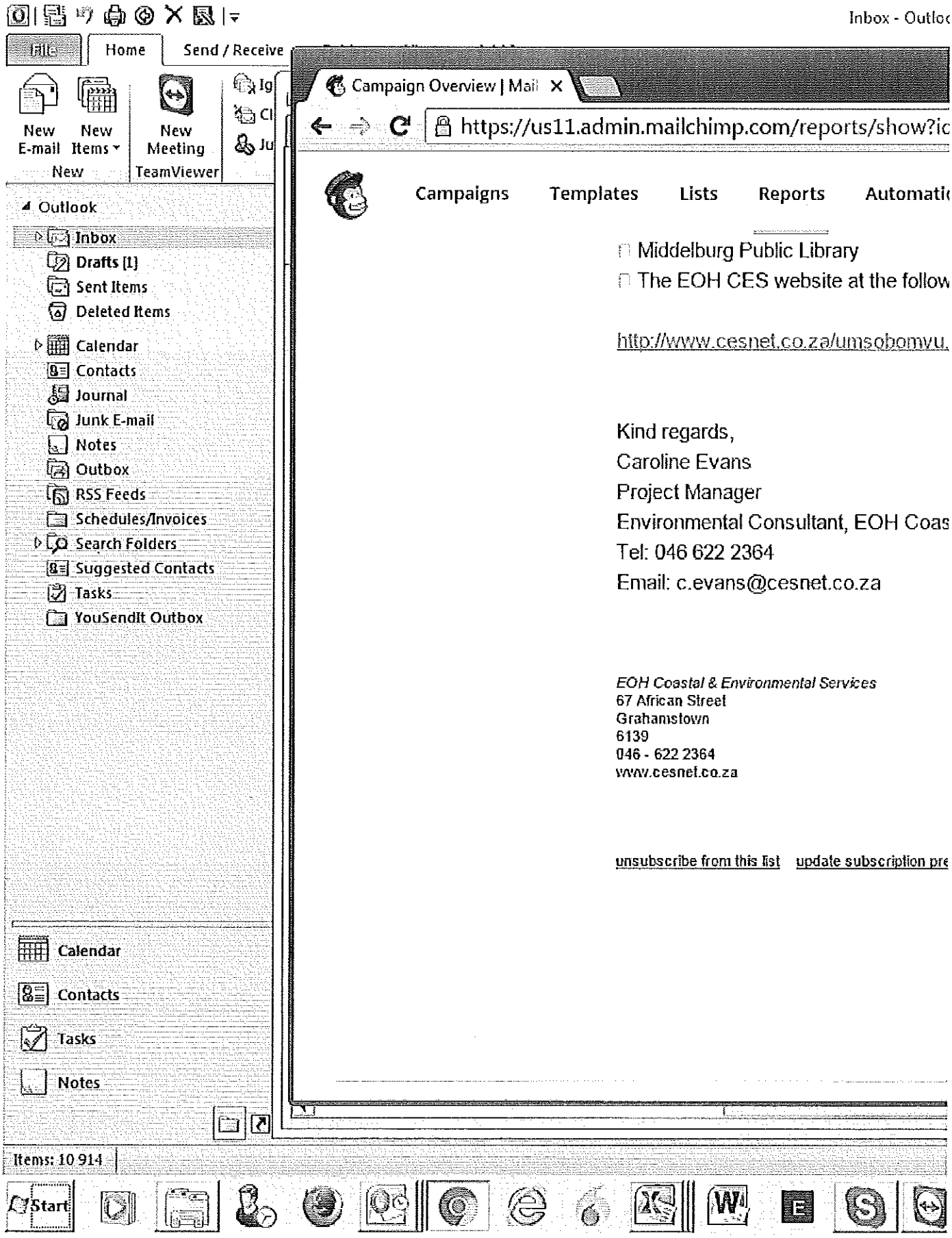
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The EOH CES website at the follow
http://www.cesnet.co.za/umsobomvu.
Kind regards,
Caroline Evans
Project Manager
Environmental Consultant, EOH Coas
Tel: 046 622 2364
Email: c.evans@cesnet.co.za
EOH Coastal & Environmental Services
67 African Street
Grahamstown
6139
046 - 622 2364
www.cesnet.co.za
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Department:
Environment & Nature Conservation
NORTHERN CAPE PROVINCE
REPUBLIC OF SOUTH AFRICA

Private Bag X6102, Kimberley, 8300, Metlife Towers, T-Floor, Tel: 053 807 7300, Fax: 053 807 7328

Enquiries : T. Mthombeni
Dipatlisilo :
Navrae :
Imibuzo :

Date : 08th February 2016
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Datum :
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Reference : NC/NAT/PIX/UMS/2014
Tshupelo : 14/12/16/3/3/2/730
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Coastal Environmental Services (Pty) Ltd
Caroline Evans
P.O Box 8145
East London
5210

Email: c.evans@cesnet.co.za

RE: UMSOBOMVU WIND ENERGY FACILITY DRAFT ENVIRONMENTAL IMPACT ASSESSMENT REPORT.

The Department confirms having received the **Draft EIA Report** for environmental authorisation of the above mentioned project on the **04th February 2016.** As required in term of the Environmental Impact Assessment Regulations, 2010.

The application has been assigned the reference number **NC/NAT/PIX/UMS/2014.** Kindly quote this reference number in any future correspondence in respect of the application. Please note the responsible officer is going to be **Mr. Thulani Mthombeni** and can be contacted at **(053) 807 7466.**

Yours faithfully

Ms. L. Tools-Bernado
EIA: Administration

Coastal & Environmental Services

22nd February 2016

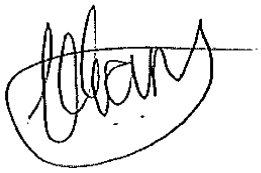
Dear Interested & Affected Parties and Stakeholders

NOTIFICATION OF PUBLIC MEETING FOLLOWING THE COMPLETION OF THE ENVIRONMENTAL IMPACT REPORT FOR THE PROPOSED DEVELOPMENT OF THE UMSOBOMVU WIND ENERGY FACILITY (DEA Reference: 14/12/16/3/3/2/730)

InnoWind (Pty) Ltd is a South Africa based renewable energy generator that develops, finances, builds, operates and maintains commercial wind powered generation facilities. InnoWind is proposing to construct a Wind Energy Facility (WEF) to be developed between Middelburg (Eastern Cape) and Noupoort (Northern Cape) on the provincial border. The WEF will host a maximum of 80 wind turbines, each generating between 1.5 - 4 megawatts (MW) of electricity, with total combined potential power output of approximately 140MW.

All Interested and Affected Parties and stakeholders are hereby notified of the public meetings, as per the prescribed date in the EIR, which will be held in Noupoort and Middelburg respectively. The meetings will present and discuss the findings of the Environmental Impact Report. The meeting in Noupoort will be held at the Hutchinson Hall at 1pm on Thursday the 25th of February 2016, and the meeting in Middelburg will be held at the Middelburg Club at 3pm on Thursday the 25th of February 2016. Locations of both venues can be found below.

Kind regards,

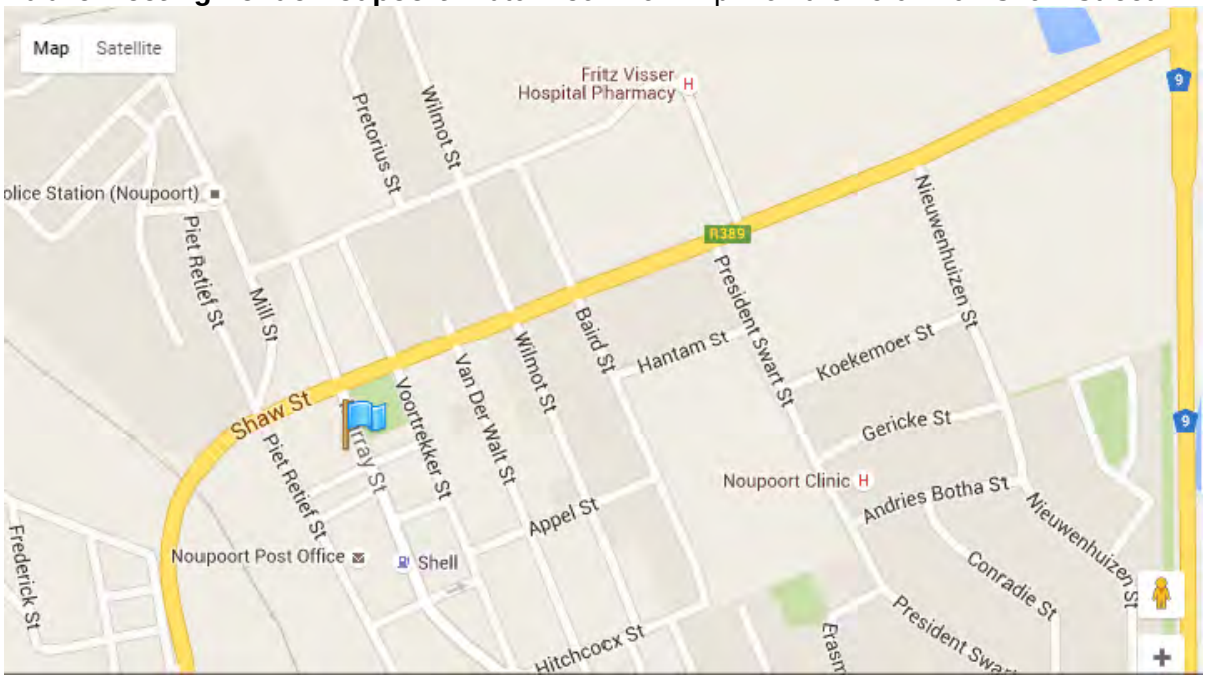


Caroline Evans
Project Manager
Environmental Consultant, EOH Coastal and Environmental Services
Tel: 046 622 2364
Email: c.evans@cesnet.co.za

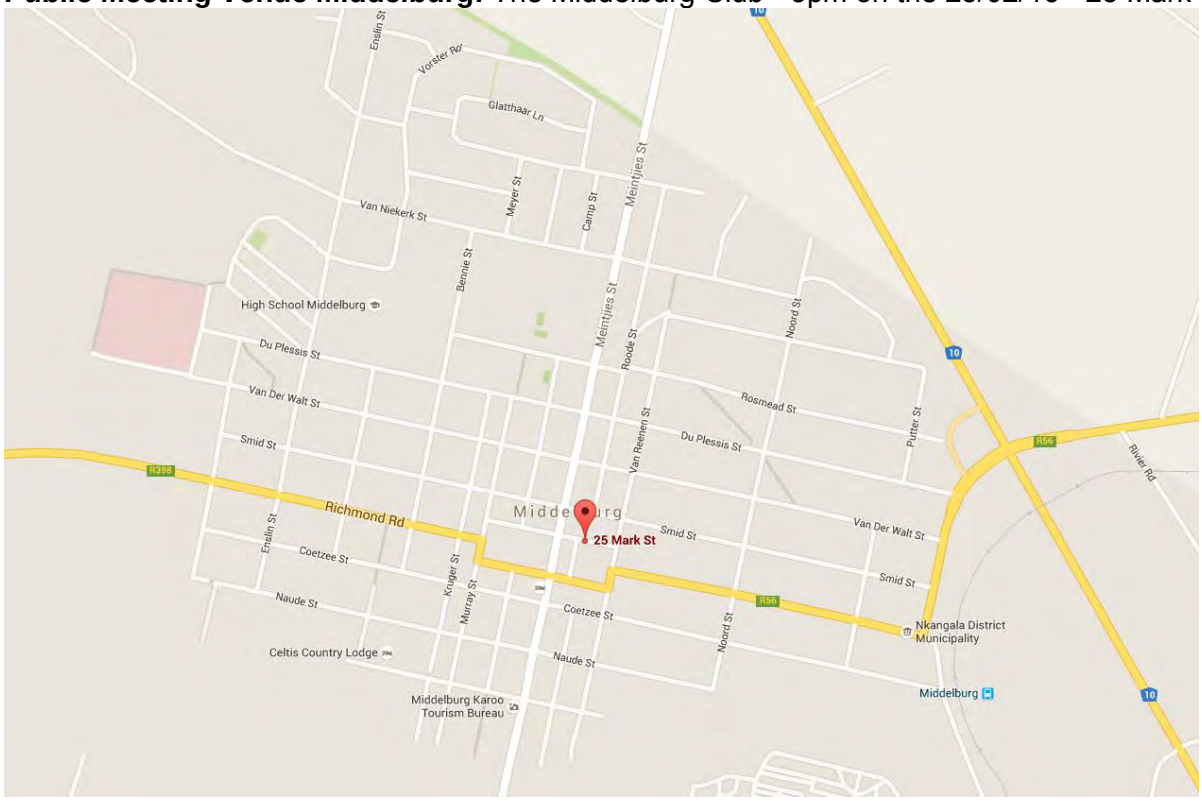
Coastal and Environmental Services (Pty) Ltd
tel: +27 46 622 2364 **| fax**: +27 46 622 6564
67 African Street, Grahamstown, 6139

Coastal & Environmental Services

Public Meeting Venue Noupoort: Hutchinson Hall - 1pm on the 25/02/16 - Shaw Street.



Public Meeting Venue Middelburg: The Middelburg Club - 3pm on the 25/02/16 - 25 Mark Street.



UMSOBOMVU WIND ENERGY FACILITY

SUMMARY OF THE EIR DOCUMENTS

Technology makes it possible...
People make it happen.

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COASTAL & ENVIRONMENTAL SERVICES

BACKGROUND AND INTRODUCTION

Umsobomvu Wind Energy Facility,
Eastern Cape & Northern Cape Provinces

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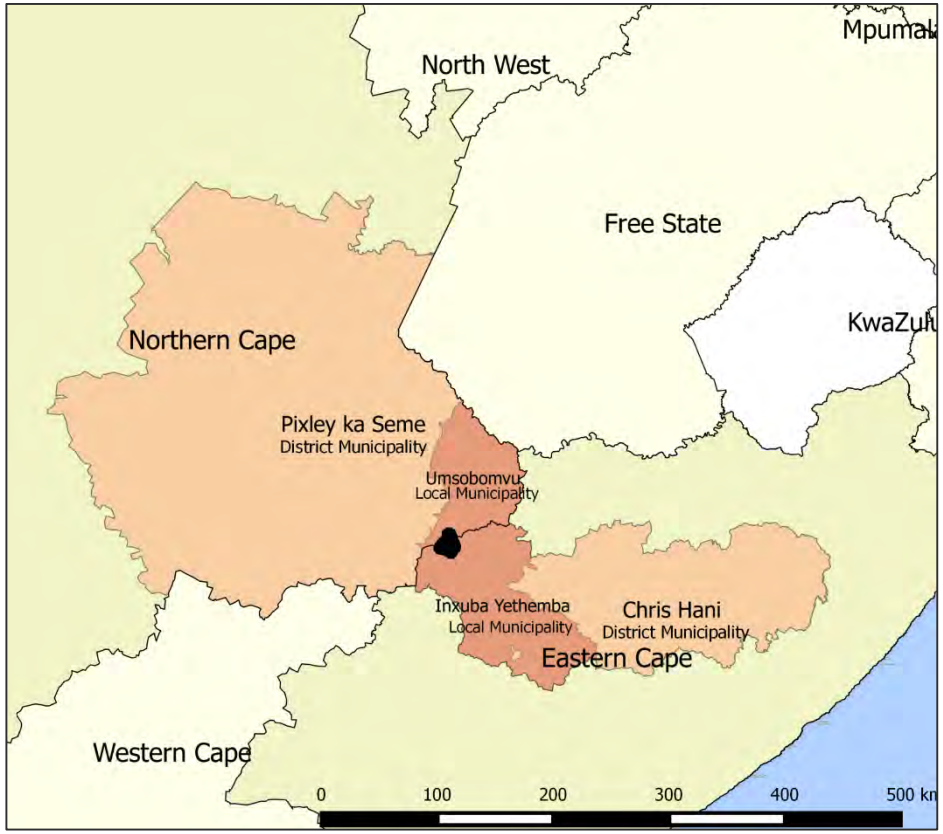
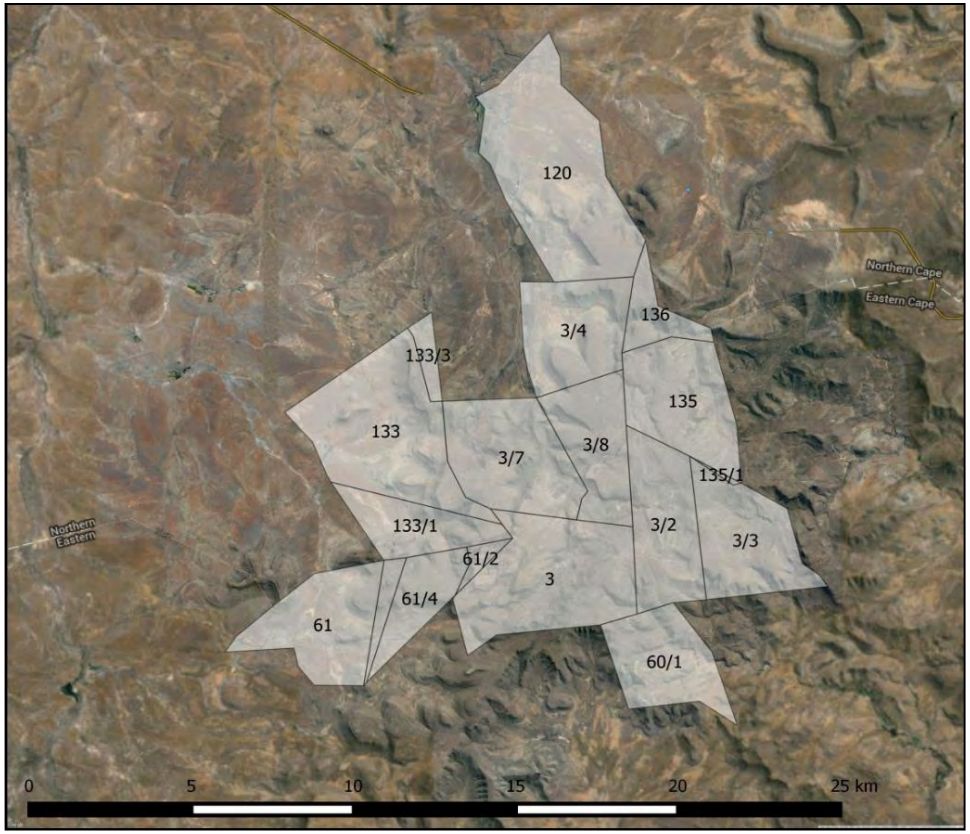
INTRODUCTION

- Umsobomvu Wind Power (Pty) Ltd. is proposing to construct a Wind Energy Facility (WEF) to be developed between Middelburg (Eastern Cape) and Noupoort (Northern Cape) on the provincial border.
- The WEF will host a maximum of 80 wind turbines, each generating between 2 and 3.5 megawatts (MW) of electricity, with the maximum combined total potential power output of approximately 140MW.
- The WEF will also include an internal road network, 2 connecting substations, an underground cabling network and a short powerline to connect to the existing Eskom Distribution powerline which runs through the site.





UMSOBOMVU WEF EIA STUDY

- The proposed Umsobomvu WEF study area comprises 18 farm portions (as per the table illustrated in the next slide). A total of 18 263ha is included within the study area of the proposed WEF. The farm portions were assessed by specialists in order to determine the site sensitivity and constraints based on environmental and social factors.
- The specialist studies which have been included as part of the study of the proposed Umsobomvu WEF area include the following:
  - Avifaunal Impact Assessment (12 Month Monitoring Study)
  - Bat Impact Assessment (12 Month Monitoring Study)
  - Ecological Impact Assessment
  - Agriculture & Soils Impact Assessment
  - Heritage Impact Assessment (Archaeology)
  - Paleontological Impact Assessment
  - Social Impact Assessment
  - Visual Impact Assessment
  - Noise Impact Assessment
- All specialists were provided with a draft layout which was used as a base from which to start their studies. Their studies then focused on scrutinizing the layout based on the sensitivities identified during their field assessments.
- This presentation will focus on the results of the specialist studies with an emphasis on how the layout has been adapted in order to ensure that the environmental impacts of the proposed Umsobomvu WEF are minimised.
- In order to illustrate how the layout has evolved since the Scoping Phase of the EIA process, the draft and final layouts will be illustrated during this presentation.

UMSOBOMVU WEF: Farm Portions

- The following farm portions form part of the proposed Umsobomvu WEF study area:

Description of affected farm portions			
Farm Name	Farm number	21 digit SG Code	Size (ha)
Klip Krands	60/1	C04800000000006000001	934 ha
Holle Fountain	133/RE	C03000000000013300000	1 876 ha
	133/1	C03000000000013300001	672 ha
	133/3	C03000000000013300003	150 ha
Leeuw Hoek	61/0	C04800000000006100000	1 110 ha
	61/2	C04800000000006100002	1 765 ha
	61/4	C04800000000006100004	538 ha
	61/6	C04800000000006100006	148 ha
Elands Kloof	135/1	C03000000000013500001	16 ha
	135/RE	C03000000000013500000	358 ha
Uitzicht	3/RE	C04800000000000300000	1 765 ha
	3/2	C04800000000000300002	1 076 ha
	3/3	C04800000000000300003	1 101 ha
	3/4	C04800000000000300004	1 069 ha
	3/7	C04800000000000300007	1 298 ha
	3/8	C04800000000000300008	903 ha
Leuwe Kop	120/0	C03000000000012000000	2 321 ha
Winterhoek	136/0	C03000000000013600000	1 163 ha
TOTAL			18 263 ha

RESULTS OF SPECIALIST STUDIES

Umsobomvu Wind Energy Facility,
Eastern Cape & Northern Cape Provinces

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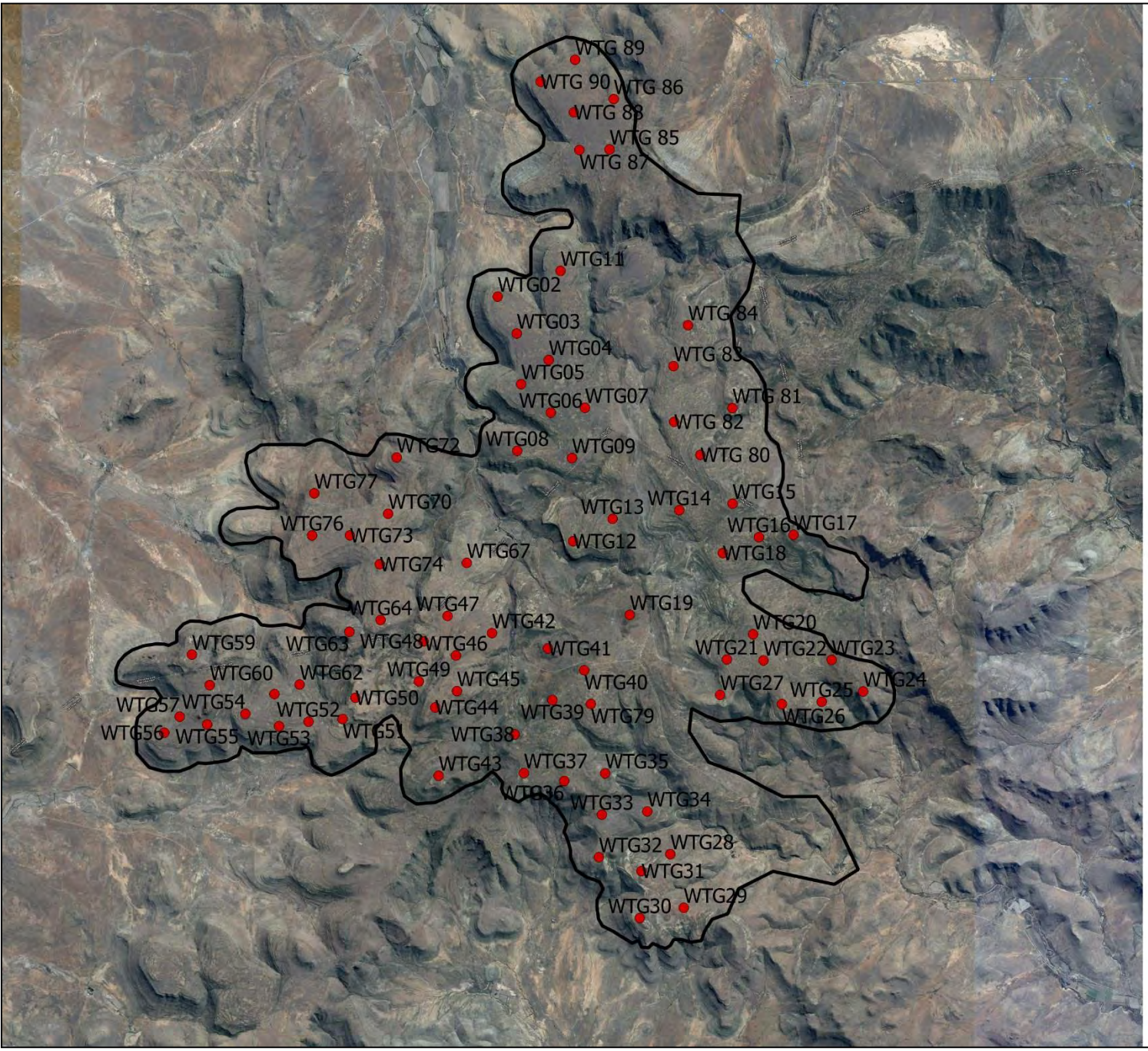
COASTAL & ENVIRONMENTAL SERVICES



UMSOBOMVU WIND ENERGY FACILITY

LAYOUT
Alternative 1
DRAFT

Draft Layout used by Specialists to assess the sensitivity of the Umsobomvu WEF

Datum: WGS84
Created by: Caroline Evans
Created on: 06/10/2015

EOH
Coastal & Environmental Services

Specialist:

Mr Roy de Kock
(EOH Coastal & Environmental Services)

AGRICULTURE & SOILS IMPACT ASSESSMENT

UMSOBOMVU WIND ENERGY FACILITY
Eastern Cape & Northern Cape Provinces

Systems make it possible...
People make it happen.

AGRICULTURE & SOILS IMPACT ASSESSMENT

SUMMARY

- The primary impact on agricultural activities will involve the construction of the wind turbines and associated infrastructure (access roads and cables). The construction of these turbines and associated infrastructure will only influence an area of around 23ha of the total local agricultural portion
- It is expected that the entire site will be reverted back to agricultural land during decommissioning of the Umsobomvu WEF site.
- The construction entails the clearing of vegetation within the proposed footprint of the wind turbine, as well as creating service roads and laydown areas.
- Grazing may be permitted around and underneath the wind turbines while crop fields may be grown around the turbine sites (if required).
- The impact of the proposed Umsobomvu WEF development on the study area's agricultural potential will be low, with the loss of agricultural land mostly being attributed to the creation of the service roads, wind turbine foundations and a laydown area.
- The total loss of grazing land will be less than 1 % of the total estimated agricultural area of 15 000 ha

MITIGATION

- Although limited agricultural output (livestock and game only) within the affected area will be impacted by the proposed development, no problematic areas or fatal flaws were identified for the site.
- None of the access road alternatives are considered problematic, although access road options 1 & 2 are preferred as they are shorter than access road 3 and would therefore have a lower impact.

AGRICULTURE & SOILS IMPACT ASSESSMENT

CONCLUSION & SPECIALIST OPINION

- All the identified impacts on agriculture are considered to have high reversibility because the land will be able to be returned to agriculture after closure, with very little change in agricultural potential. Impacts on agriculture are also considered to have low irreplaceability of resource loss due to:
  1. the small area of land involved;
  2. the low suitability for crops;
  3. the fact that it is highly unlikely to be irreplaceably lost to agriculture; and
  4. the low to medium agricultural potential of the site.

DRAFT VERSUS FINAL LAYOUT

COMPARISON OF OVERALL IMPACT RATINGS OF THE DRAFT LAYOUT VERSUS THE FINAL LAYOUT (IN RESPONSE TO SPECIALIST RECOMMENDATIONS)

Agriculture & Soils Impact Assessment Overall Significance (Draft Layout): **LOW**

Agriculture & Soils Impact Assessment Overall Significance (Final Layout): **LOW**

Specialists:

Ms Tarryn Martin
(EOH Coastal & Environmental Services)

Dr Greer Hawley
(EOH Coastal & Environmental Services)

Ms Ayanda Zide
(EOH Coastal & Environmental Services)

ECOLOGICAL IMPACT ASSESSMENT

UMSOBOMVU WIND ENERGY FACILITY

Eastern Cape & Northern Cape Provinces

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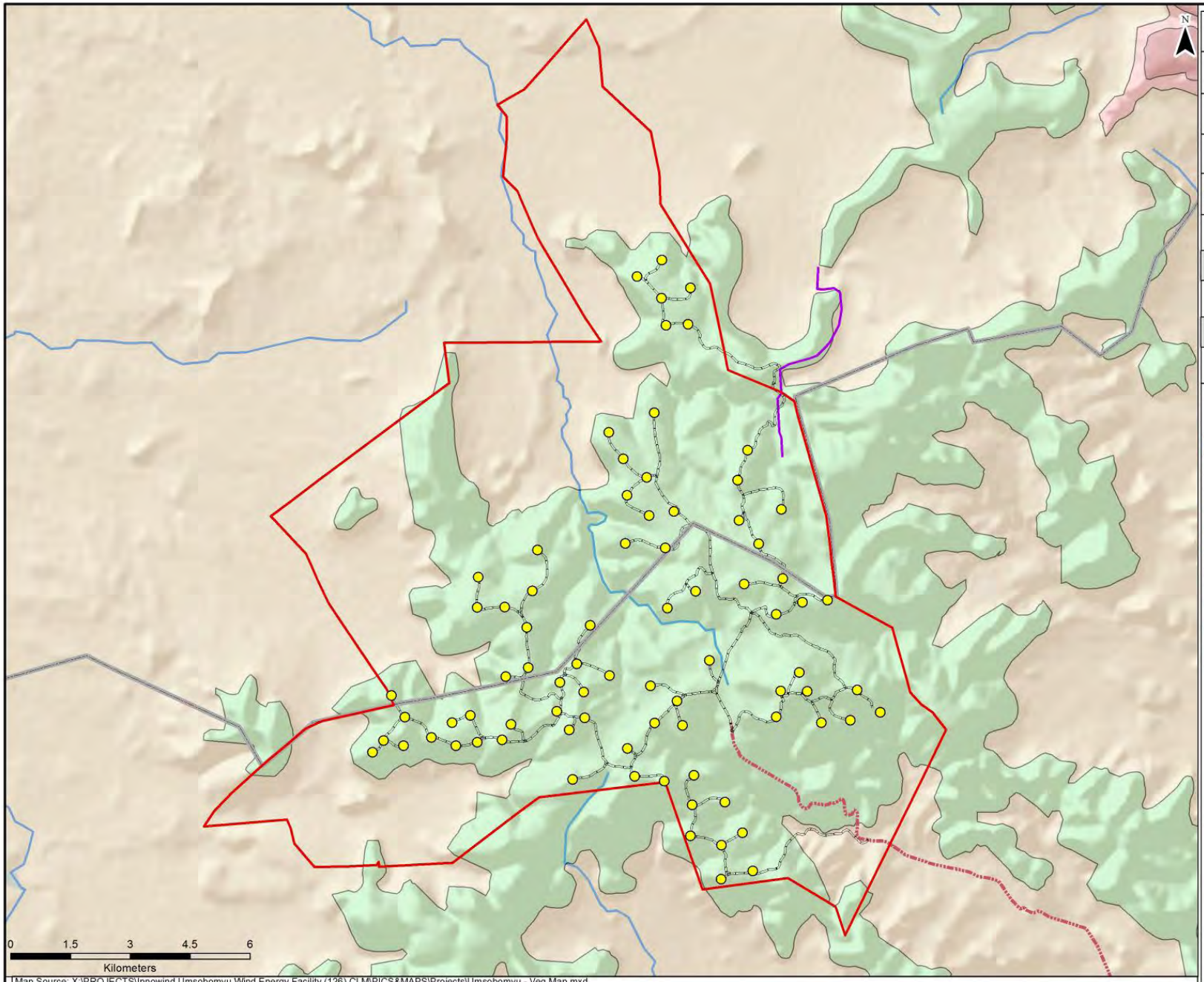
People *make it happen.*



EOH

EOH Coastal and Environmental Services

Drawn by: Justin Green

Date: 05.06.2015

CES Project Code: 126

TITLE:

National Vegetation Map (Mucina and Rutherford, 2006)

PROJECT:

Innowind Umsobomvu Wind Energy Facility

Legend

- Turbine Layout
- Project Boundary
- Provincial Boundaries
- Project Road Layout
- Access from N10
- Access from Middleburg
- NFEPA Rivers

Mucina and Rutherford

- Besemkaree Koppies Shrubland
- Eastern Upper Karoo
- Karoo Escarpment Grassland
- Tarkastad Montane Shrubland

1:85 000

ECOLOGICAL IMPACT ASSESSMENT

CONCLUSION & SPECIALIST OPINION

- Overall, the impacts of the development will be negative, mainly due to a loss of vegetation. This loss of vegetation is also important for fauna as it constitutes habitat loss. Positive impacts include the active management of the alien vegetation on the site.
- The impacts (post-mitigation) are of a low significance and do no fatal flaws were identified on this site

DRAFT VERSUS FINAL LAYOUT

COMPARISON OF OVERALL IMPACT RATINGS OF THE DRAFT LAYOUT VERSUS THE FINAL LAYOUT (IN RESPONSE TO SPECIALIST RECOMMENDATIONS)

Ecological Impact Assessment Overall Significance (Draft Layout): **LOW**

Ecological Impact Assessment Overall Significance (Final Layout): **LOW**

Specialist:

Mr Jon Smallie
(WildSkies Ecological Services (Pty) Ltd.)

AVIFAUNAL IMPACT ASSESSMENT & MONITORING

UMSOBOMVU WIND ENERGY FACILITY
Eastern Cape & Northern Cape Provinces

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People make it happen.

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AVIFAUNAL IMPACT ASSESSMENT

SUMMARY

- Four seasons of pre-construction bird monitoring have been conducted on site in order to collect data on bird abundance, behaviour and movement on site, and inform this impact assessment.
- A total of 29 target bird species were identified at the outset of this programme on the basis of their conservation status and/or likely susceptibility to impacts of the proposed facility. This group of species comprises four ecological groups: raptors; large terrestrials; water birds; and a game bird. Of these 29 species, 19 were recorded on site including: 3 Endangered species (Taylor 2014 – Martial Eagle, Tawny Eagle, Ludwig's Bustard); and 3 Vulnerable species (Lanner Falcon, Secretarybird, and Verreaux's Eagle).
- A total of 40 small bird species were recorded on site by walked transects. This species diversity peaked in spring and summer (33 and 30 species respectively), with lower species richness in winter and autumn. None of these species were Red Listed. Approximately 21 of these species are southern African endemic or near-endemics, with some being Karoo endemics.
- Thirteen large terrestrials and raptor species were recorded by drive transects, with a slight peak in species richness in autumn (5 species), and 4 species in each of the other seasons. The most abundant species recorded by this method was Lesser Kestrel, recorded only in summer as expected as it is a migrant.
- Over the full year a total of 142 bird species were recorded on site by all data collection methods. Spring showed the highest species richness (114 species) followed by Summer (104) and autumn and winter (84 species each). Approximately 55 of these species can be considered southern African endemic or near-endemic species.
- Three pairs of Verreaux's Eagle were found to breed on or near site during this study. This is certainly the most important avifaunal aspect uncovered by this study. Most of the site is mountainous, with good availability of cliffs and rock lines on the mountain slopes and in the valleys.

AVIFAUNAL IMPACT ASSESSMENT

IMPACTS AND MITIGATION

- Destruction of bird habitat was anticipated to be of HIGH significance pre-mitigation. Adherence to the recommendations of the avifaunal report, in particular the sensitivity map, has reduced this to MEDIUM significance.
- Disturbance of birds, particularly breeding Verreaux's Eagles could be of HIGH significance, but has be mitigated to LOW significance through adherence to the sensitivity map and other recommendations (including no go area).
- Displacement of birds was judged to be of MEDIUM significance, mitigated to LOW by adhering to the sensitivity map.
- Collision of birds with turbines is judged to be of HIGH significance, mostly for Verreaux's Eagle. This has been mitigated to MEDIUM significance by avoiding placing turbines within the buffer areas identified around the eagle breeding sites (Final Layout).
- Collision and electrocution of birds on overhead power lines will be of HIGH significance, but will be reasonably easily mitigated to LOW significance.
- The preferred option for the site access road is Option 1 to the south of site. Option 3 is not acceptable for avifauna as it passes too close to a Verreaux's Eagle breeding site, which could be disturbed by increased traffic on this road. Access Road Option 2 is also acceptable.
- A construction phase and post construction phase bird monitoring programme framework has been designed and presented in the Avifaunal Impact Assessment report and this framework must be implemented.

AVIFAUNAL IMPACT ASSESSMENT

CONCLUSION & SPECIALIST OPINION

- All turbines within sensitive areas (Draft Layout) have been removed/relocated (Final Layout) in response to the recommendations made in the avifaunal impact assessment report.
- The final layout is deemed acceptable as it does not infringe on any of the sensitive areas which were identified during the avifaunal monitoring.
- All other mitigation measures highlighted in the Avifaunal Report must be implemented.

DRAFT VERSUS FINAL LAYOUT

COMPARISON OF OVERALL IMPACT RATINGS OF THE DRAFT LAYOUT VERSUS THE FINAL LAYOUT (IN RESPONSE TO SPECIALIST RECOMMENDATIONS)

Avifaunal Impact Assessment Overall Significance (Draft Layout): **HIGH**

Avifaunal Impact Assessment Overall Significance (Final Layout): **LOW/MODERATE**

Specialists:

Mr Werner Marais
(Animalia Zoological & Ecological Consultation)

Ms Monika Moir
(Animalia Zoological & Ecological Consultation)

BAT IMPACT ASSESSMENT & MONITORING

UMSOBOMVU WIND ENERGY FACILITY
Eastern Cape & Northern Cape Provinces

Systems *make it possible...*
People *make it happen.*

BAT IMPACT ASSESSMENT

SUMMARY

- Highly sensitive areas were identified, these are classified as “Areas that are deemed critical for resident bat populations, capable of elevated levels of bat activity and support greater bat diversity than the rest of the site.” These areas are ‘no-go’ areas and turbines have been moved/removed from these areas.
- Areas within a 250m buffer of the highly sensitive area are considered sensitive and turbines have been moved/removed from these areas.
- Moderately sensitive areas were identified, these are classified as “Areas of foraging habitat or roosting sites considered to have significant roles for bat ecology.” Turbines within or close to these were relocated.
- Areas within a 150m buffer of the moderately sensitive area are considered sensitive and turbines have been relocated from these areas.

CONCLUSION & SPECIALIST OPINION

- All turbines which were located (draft layout) in sensitive areas have been relocated or removed (final layout). The final layout does not impact on the sensitive areas.

COMPARISON OF OVERALL IMPACT RATINGS OF THE DRAFT LAYOUT VERSUS THE FINAL LAYOUT (IN RESPONSE TO SPECIALIST RECOMMENDATIONS)

Bat Impact Assessment Overall Significance (Draft Layout): **HIGH**

Bat Impact Assessment Overall Significance (Final Layout): **MODERATE**

Specialist:

Dr John Almond
(Natura Viva cc)

PALEONTOLOGICAL IMPACT ASSESSMENT

UMSOBOMVU WIND ENERGY FACILITY
Eastern Cape & Northern Cape Provinces

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PALEONTOLOGICAL IMPACT ASSESSMENT

SUMMARY

- There are no fatal flaws in the Umsobomvu WEF development proposal as far as fossil heritage is concerned, this can be concluded due to:
  1. the general scarcity of fossil remains, especially in the higher-lying areas where the majority of the infrastructure will be situated;
  2. the moderately high levels of near-surface bedrock weathering and baking of sediments by dolerite intrusions; and
  3. the extensive superficial sediment cover observed within most of the study area.
- The overall impact significance of the construction phase of the proposed alternative energy project is assessed as LOW.

CONCLUSION & SPECIALIST OPINION

- Given the low impact significance of the proposed Umsobomvu WEF near Middelburg as far as paleontological heritage is concerned, no further specialist paleontological heritage studies or mitigation are considered necessary for this project

COMPARISON OF OVERALL IMPACT RATINGS OF THE DRAFT LAYOUT VERSUS THE FINAL LAYOUT (IN RESPONSE TO SPECIALIST RECOMMENDATIONS)

Paleontological Impact Assessment Overall Significance (Draft Layout): **LOW**

Paleontological Impact Assessment Overall Significance (Final Layout): **LOW**

Specialist:

Mr Gavin Anderson
(Umlando: Archaeological Surveys & Heritage Management)

HERITAGE IMPACT ASSESSMENT

UMSOBOMVU WIND ENERGY FACILITY
Eastern Cape & Northern Cape Provinces

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HERITAGE IMPACT ASSESSMENT

SUMMARY

- Sites varied from open stone tool scatters, rock art sites in small overhangs, and built structures such as farm buildings and kraals. The historical buildings were the most frequently occurring heritage sites. Three of these early farmsteads have associated cemeteries.
- The wind turbines do not impact on any of heritage sites (both draft and final layouts)
- The main area for negative impacts will be the access roads to the turbines and electrical servitudes from the turbines to the substation. Once the routes have been finalised they will need to be microsited prior to the start of their construction.

MITIGATION

- All sites and features within the site need to be demarcated if they fall within a 50m of any construction footprint. Demarcation can be in the form of temporary fencing with appropriate warning signs. A competent heritage practitioner should undertake demarcation. No construction activity should be allowed unless proof of demarcation is given to ECHPRA.
- The heritage sensitivity of this site is deemed to be of low significance.

COMPARISON OF OVERALL IMPACT RATINGS OF THE DRAFT LAYOUT VERSUS THE FINAL LAYOUT (IN RESPONSE TO SPECIALIST RECOMMENDATIONS)

Heritage Impact Assessment Overall Significance (Draft Layout): **LOW**

Heritage Impact Assessment Overall Significance (Final Layout): **LOW**

Specialist:

Ms Marchelle Terblanche
(INDEX Consulting)

SOCIAL IMPACT ASSESSMENT

UMSOBOMVU WIND ENERGY FACILITY
Eastern Cape & Northern Cape Provinces

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SOCIAL IMPACT ASSESSMENT

SUMMARY

- The primary impact on agricultural activities will involve the construction of the wind turbines and associated infrastructure (access roads and cables). The construction of these turbines and associated infrastructure will only influence an area of around 23ha of the total local agricultural portion
- It is expected that the entire site will be reverted back to agricultural land during decommissioning of the Umsobomvu WEF site.
- The construction entails the clearing of vegetation within the proposed footprint of the wind turbine, as well as creating service roads and laydown areas.
- Grazing may be permitted around and underneath the wind turbines while crop fields may be grown around the turbine sites (if required).
- The impact of the proposed Umsobomvu WEF development on the study area's agricultural potential will be low, with the loss of agricultural land mostly being attributed to the creation of the service roads, wind turbine foundations and a laydown area.
- The total loss of grazing land will be less than 1 % of the total estimated agricultural area of 15 000 ha

MITIGATION

- Although limited agricultural output (livestock and game only) within the affected area will be impacted by the proposed development, no problematic areas or fatal flaws were identified for the site.
- None of the access road alternatives are considered problematic, although access road options 1 & 2 are preferred as they are shorter than access road 3 and would therefore have a lower impact.

Specialists:

Ms Rosalie Evans
(EOH Coastal & Environmental Services)

Ms Caroline Evans
(EOH Coastal & Environmental Services)

VISUAL IMPACT ASSESSMENT

UMSOBOMVU WIND ENERGY FACILITY
Eastern Cape & Northern Cape Provinces

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VISUAL IMPACT ASSESSMENT

SUMMARY

- The primary impact on agricultural activities will involve the construction of the wind turbines and associated infrastructure (access roads and cables). The construction of these turbines and associated infrastructure will only influence an area of around 23ha of the total local agricultural portion
- It is expected that the entire site will be reverted back to agricultural land during decommissioning of the Umsobomvu WEF site.
- The construction entails the clearing of vegetation within the proposed footprint of the wind turbine, as well as creating service roads and laydown areas.
- Grazing may be permitted around and underneath the wind turbines while crop fields may be grown around the turbine sites (if required).
- The impact of the proposed Umsobomvu WEF development on the study area's agricultural potential will be low, with the loss of agricultural land mostly being attributed to the creation of the service roads, wind turbine foundations and a laydown area.
- The total loss of grazing land will be less than 1 % of the total estimated agricultural area of 15 000 ha

MITIGATION

- Although limited agricultural output (livestock and game only) within the affected area will be impacted by the proposed development, no problematic areas or fatal flaws were identified for the site.
- None of the access road alternatives are considered problematic, although access road options 1 & 2 are preferred as they are shorter than access road 3 and would therefore have a lower impact.

Specialist:

Dr Brett Williams
(Safetech)

NOISE IMPACT ASSESSMENT

UMSOBOMVU WIND ENERGY FACILITY
Eastern Cape & Northern Cape Provinces

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NOISE IMPACT ASSESSMENT

SUMMARY

- The primary impact on agricultural activities will involve the construction of the wind turbines and associated infrastructure (access roads and cables). The construction of these turbines and associated infrastructure will only influence an area of around 23ha of the total local agricultural portion
- It is expected that the entire site will be reverted back to agricultural land during decommissioning of the Umsobomvu WEF site.
- The construction entails the clearing of vegetation within the proposed footprint of the wind turbine, as well as creating service roads and laydown areas.
- Grazing may be permitted around and underneath the wind turbines while crop fields may be grown around the turbine sites (if required).
- The impact of the proposed Umsobomvu WEF development on the study area's agricultural potential will be low, with the loss of agricultural land mostly being attributed to the creation of the service roads, wind turbine foundations and a laydown area.
- The total loss of grazing land will be less than 1 % of the total estimated agricultural area of 15 000 ha

MITIGATION

- Although limited agricultural output (livestock and game only) within the affected area will be impacted by the proposed development, no problematic areas or fatal flaws were identified for the site.
- None of the access road alternatives are considered problematic, although access road options 1 & 2 are preferred as they are shorter than access road 3 and would therefore have a lower impact.

DRAFT VS FINAL LAYOUTS: SENSITIVITY ANALYSIS

Umsobomvu Wind Energy Facility,
Eastern Cape & Northern Cape Provinces

EOH
COASTAL & ENVIRONMENTAL SERVICES

THE EIA PROCESS: THE WAY FORWARD

Umsobomvu Wind Energy Facility,
Eastern Cape & Northern Cape Provinces

EOH
COASTAL & ENVIRONMENTAL SERVICES

CONCLUSION

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COASTAL & ENVIRONMENTAL SERVICES

Q&A

QUESTION & ANSWER SESSION

Umsobomvu Wind Energy Facility,
Eastern Cape & Northern Cape Provinces

Thank you for your attention during the presentation of the results of the EIR of the proposed Umsobomvu WEF. Please feel free to engage with the panel should you have any questions, queries, concerns or comments regarding the proposed Umsobomvu Wind Energy Facility.

EOH
COASTAL & ENVIRONMENTAL SERVICES

CAROLINE EVANS

Environmental Consultant
EOH Coastal & Environmental Services

Email: c.evans@cesnet.co.za
Contact: 046 622 2364

CONTACT INFORMATION

UMSOBOMVU WIND ENERGY FACILITY
EASTERN CAPE & NORTHERN CAPE PROVINCES

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ATTENDANCE REGISTER

Proposed Umsobomvu Wind Energy Facility

Public Meeting: Noupoort 13:00-14:00

25th February 2016

Name & Surname	Organisation	Email	Telephone Number	Signature
1.				
2.				
3.				
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11.				

EOH
Coastal & Environmental Services

ATTENDANCE REGISTER

Proposed Umsobomvu Wind Energy Facility

Public Meeting: Middelburg 15:00-16:00

25th February 2016

Name & Surname	Organisation	Email	Telephone Number	Signature
1. Carl + Lesley Loock	Willows Farmers Ass.	lesleyloock9@gmail.com	0725973274	[signature]
2. Nic & Miemie Jonker	Van Zylsrus	vanzylsrus@gmail.com	079 393 8920	[signature]
3. Francois v.d. Kyst	KANEWS BOUKNE	francoovdkyst@gmail	0842597156	[signature]
4. Warren Randall	InnoWind	wrandall@innowind.com	0724366446	[signature]
5. Sandle Maphanga	InnoWind	smaphanga@innowind	0799169974	[signature]
6.				
7.				
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11.				

Province of the
EASTERN CAPE
ECONOMIC DEVELOPMENT,
ENVIRONMENTAL AFFAIRS & TOURISM

Corner Belmont Terrace / Castle Hill Central Port Elizabeth 6001
Private Bag X5001 Greenacres 6057 | Republic of South Africa
Ref: Umsobomvu WEF: DEA Ref No: **14/12/16/3/3/2/730**| **Contact Person:** Alan Southwood
Tel: 041 508 5813 | **Fax:** 041 508 5865 | **E-mail:** Alan.Southwood@dedea.gov.za | www.dedea.gov.za

Attention:	Ms Caroline Evens	Enquiries : Alan Southwood
Organisation:	EOH Coastal& Environmental Services	DEA Ref No : **14/12/16/3/3/2/730**
Postal address:	67 African Street, Grahamstown, 6139	
Fax:	046 622 2364	
Tel:	046 622 6564	
E-mail:	c.evans@cesnet.co.za	

Dear Ms Evans,

COMMENT: DRAFT ENVIRONMENTAL IMPACT ASSESSMENT REPORT: PROPOSED UMSOBOMVU WIND ENERGY FACILITY: NORTHERN AND EASTERN CAPE PROVINCES: UMSOBOMVU WIND POWER (PTY) LTD: DEA REFERENCE: 14/12/16/3/3/2/20/730

Your letter dated 2nd February 2016 refers.

Please refer to Appendix 1 for the Department's comments.

Yours sincerely,

DAYALAN GOVENDER

REGIONAL MANAGER: ENVIRONMENTAL AFFAIRS: CACADU REGION

DATE: 11/03/2016

Appendix 1: Comment: Draft Environmental Impact Assessment Report: proposed Umsobomvu Wind Energy Facility: Northern and Eastern Cape Provinces

Environmental Impact Assessment Report

Page Numbers	Section	Paragraph / Bullet	Comment
Page 4	1.2 Environmental Authorization in South Africa	First Paragraph: Last Sentence	It is 2016. Does this decision still hold?
Page 11	2.3.2 Construction	Second Bullet	It is an accepted principal that access roads should only be constructed if there are no existing roads. It should thus be decided at the Impact Assessment Stage whether a 'crawler' type crane will be used due to the requirement of a wider road and thus greater impact.
Page 11	2.3.2 Construction	Third Bullet	What is a 300mm deep road section?
Page 11	2.3.2 Construction	Last Bullet	Why are these passing places required; why are so many required?
Page 11	b) Electrical cabling	First Sentence	Where will it not be possible to run cables alongside access roads?
Page 29	5.3 NEM: PAA	Relevance to the proposed Umsobomvu WEF	Is the WEF located close to any area proclaimed in terms of the Act?
Page 29	5.4 NEM: BA	Third Paragraph: 1	The Endangered and Threatened Ecosystem Regulations, Government Notice R. 1002 dated 9th December 2011, are applicable.
Page 29	5.4 NEM: BA	Fourth Paragraph	Government Notice R. 152 of 23 February 2007.
Page 29	5.4 NEM: BA	Relevance to the proposed	Mention that the AIS Regulations, Government Notice R. 598

		Umsobomvu WEF	of 1st April 2014 are applicable.
Page 30	5.5 NEM: WMA	Relevance to the proposed Umsobomvu WEF	Are there any requirements in terms of this Act that should be included in the Draft EIA Report?
Page 30	5.6 National forest Act	Relevance to the proposed Umsobomvu WEF	Are there any protected trees that would be impacted by the development?
Page 30	5.7 National Heritage Resources Act	Relevance to the proposed Umsobomvu WEF: First Bullet	• Mention that a HIA was undertaken. • Who is the relevant agency in the Northern Cape?
Page 33	5.12 National Water Act	Relevance to the proposed Umsobomvu WEF: First Bullet	Will the WULA be submitted after any Environmental Authorization is granted?
Page 33	5.13.1 CARA Regulations	Last Paragraph	• The AIS Regulations do not stipulate that they supercede the CARA Regulations. • It would thus be appropriate to ask DEA for an opinion in this regard.
Page 34	5.14 Subdivision of Agriculture Land Act	First Paragraph: Last Sentence	Minister of Agriculture, Forestry and Fisheries.
Page 34	5.15 MPRDA	Application for a mining right: First Paragraph	An application to DMR can be for a Mining Licence or a Right.
Page 34	5.15 MPRDA	Table 5-2	A Mining Licence (not permit) requires a BAR and an EMPr.
Page 35	5.15 MPRDA	Relevance to the proposed Umsobomvu WEF: Second Bullet	Was an application submitted to the Minister?
Page 36	5.18 Other Relevant Legislation	First Bullet	Is the Mountain Catchment Areas Act relevant to this WEF?
Page 36	5.18 Other Relevant Legislation	Third Bullet	What is the equivalent legislation applicable to the Northern Cape?

Page 65	6.2.10 Visual Impacts	First Paragraph: First Sentence	This is of particular relevance in this mountain-scape.
Page 72	Release of Draft Scoping Report		• When was the Draft Scoping Report accepted by DEA? • Where is the documentation to this affect? • When was the FSR submitted to and accepted by DEA? This Department did not receive a copy.
Page 72	The PPP section of the EIR		Was this meeting held?
Page 88	9.1.4 Conclusion & Specialist Opinion	First Paragraph: Second Line	Staff should not be accommodated on site but in the nearest town.
Page 91	9.2.3 Recommendations	First and Third Paragraphs	• The recommendations are supported. • The placement of plants in a nursery (Second Paragraph) should only be undertaken if plants cannot be relocated at the time of their removal.
Page 91	9.2.4 Conclusions & Specialist Opinion	First Paragraph: Last two Sentences	These recommendations are supported.
Page 91	9.2.4 Conclusions & Specialist Opinion	Last Paragraph	
Page 92	9.2.4 Conclusions & Specialist Opinion	First two Paragraphs	
Page 93	Data sources used	First Paragraph	Was any legislation consulted, for example the PNCO or ToPS, to quantify the legal status of the birds?
Page 93	Data sources used	First Bullet: Fifth Line	Was the 2015 version consulted?
Page 93	Data sources used	Last Bullet	2011 is no longer recent. Was this document updated?
Page 94	Data sources used	First Bullet	Is this the most recent version?
Page 94	Data sources used	Last Bullet	

DEA Reference Number: 14/12/16/3/3/2/730

Page 39	6.1.3 Topography		This Department is very concerned about the potential visual impact of the WEF on this mountain scape (Figure 6-3).
Page 42	6.1.5 Watercourses	First Paragraph	The potential impact of roads crossing watercourses in this steep terrain is of major concern.
Page 50	6.1.8 Fauna		Certain references cited here were not included in the References (Page 134).
Page 51	Table 6-2		A column should be added that describes the legal status of the various species in terms on the PNCO and ToPS.
Page 53	Table 6-3		It should include the same columns as Figure 6-2.
Page 54	Table 6-4		
Page 56	Table		
Page 57	Table 6-5		
Page 54	6.1.9 Avifauna	IBAs	Was the 2015 version consulted?
Page 57	6.1.10 Chiroptera	Last Paragraph	This specialist did not provide an expert opinion on the acceptability of the WEF.
Page 61	6.2.7 Tourism		This Department is very concerned about the potential visual impact of the WEF on tourism.
Page 64	Sites of importance identified from desktop assessment		Of what specific relevance are they to this project?
Page 65	6.2.9 Noise associated with wind energy	Last Paragraph	The Final Layout was informed by various specialists. The noise impact assessment should thus be undertaken as part of the EIA.

Page 94	9.3.2 Impacts	Fifth and Second Last Bullets	Specific mitigation measures must be stipulated for these species.
Page 95	Impacts		These recommendations are supported.
Page 95	Impacts	Second Paragraph	All these findings are acknowledged and must be taken into consideration during the decision-making process.
Page 95	Impacts	Second Last Paragraph: Second Sentence	This should be a Condition of any authorization.
Page 95	9.3.3 Recommendations		They are all supported.
Page 96	9.3.4 Conclusions & Specialist Opinion		The Conclusions and Specialist Opinion is supported.
Page 98	9.4.2 Impacts	Last Paragraph	These requirements are supported.
Page 99	9.4.2 Impacts	First Two Paragraphs	They are supported.
Page 102	9.5.2 Impacts	Last Paragraph	This Department agrees with the content of these Paragraphs.
Page 102	9.5.4 Conclusions & Specialist Opinion		
Page 104	9.6.4 Conclusions & Specialist Opinion		
Page 124	11.1 Ecological Sensitivity	Last Paragraph	
Page 125	11.1 Ecological Sensitivity	Paragraph under Figure 11-3	
Page 127	11.3 Bat Sensitivity	Paragraphs One, Two and Three	
Pages 103 to	9.6.3 Recommendations	First, Second, Third, Fourth, Fifth	They are all supported.

104		and Second Last Paragraphs	
Page 107	9.7.3 Recommendations		
Page 110	9.9.3 Recommendations		
Page 107	9.7.2 Impacts	Third Paragraph	Duty of Care and good housekeeping by the contractor will be required to mitigate these impacts.
Page 109	9.8.4 Conclusions & Specialist Opinion		Loss of scenic resources may not be seen as a fatal flaw but the erection of turbines will cause a significant visual impact in this mountainous area.
Page 115	10.1.9 Visual		• Tall trees are not a natural phenomenon in these vegetation types. They may thus impact on the surface and ground water. • The fact that there is another WEF should not be used as a mitigating factor as people's perceptions of these facilities differ. This WEF will actually increase the cumulative impact in the general area.
Page 116	11 Umsobomvu WEF Sensitivity Analysis	Second Bullet	Watercourses, wetlands and thicket vegetation should be No-Go areas.
Page 125	11.2 Avifaunal Sensitivity		There should be a 100m buffer around farm dams.
Page 129	12.1 Description of Proposed Activity		If the turbines generate between 2 to 3.5 MW then there would be between 40 and 70 turbines. It would be preferable to have larger capacity turbines so the number can be reduced.
Page 129	12.2.1 Assumptions		They are supported.
Page 129	12.2.2 Gaps	Last Paragraph	This Department agrees with the content of these Paragraphs.
Page 131	12.4 Consideration of		

DEA Reference Number: 14/12/16/3/3/2/730

	Alternatives		
Page 132	12.5 Opinion of the EAP		This Department supports this opinion.
Page 132	12.6 Recommendation of the EAP	Last Paragraph	The mitigation measures stipulated in the EMPr must be implemented.
Page 133	12.6 Recommendation of the EAP	Two Paragraphs	These measures must be implemented.
Page 136	14.1 Appendix A: Public Participation Documents		• This documentation was incomplete and no electronic copy was provided to consult this information. • There was no correspondence from Government Departments, particularly DEA (for example, acceptance of Final Scoping Report). • There is no Application Form.`
Page 136	14.2 Appendix B: Interested and Affected Parties Database	Notes on Focus Group Meetings: Noupoort Farmer's Association: Second and Third Bullets	A major concern is the irreversible impact of roads in this mountainous terrain.
Page 136	14.2 Appendix B: Interested and Affected Parties Database	Notes on Focus Group Meetings: Middleburg Focus Group Meeting	The Second, Third, Fifth and Sixth Questions are of particular relevance: roads and dust.
Page 136	14.2 Appendix B: Interested and Affected Parties Database	DEDEAT's Letter dated 4th May 2015: Comments on the DSR	This Department did not receive any further correspondence from the EAP until they received the Draft EIA Report under cover of a letter dated 2nd February 2016.

Appendix 14.4: Environmental Management Programme

Page Numbers	Section	Paragraph / Bullet	Comment
age 14	Shadow Flicker	First Bullet	It is accepted that in the final layout shadow flicker was minimized as far as possible.
Page 15	Site Establishment	Third Bullet	• This Department supports the specialists and agrees that no open fires should be allowed. • Gas can be provided for cooking in designated areas in the presence of fire extinguishers.
Page 24	Ecological Fifth Bullet		
Page 15	Site Establishment	Second Last Bullet	Solid waste may not be buried on site.
Page 15	Site Clearing	First Bullet	Two months is too long. Two weeks would be more appropriate.
Page 15	Site Clearing	Third Bullet	A certificate of disposal must be obtained to prove legal disposal of spoil.
Page 22	Construction site decommissioning	Last Bullet	
Page 15	Site Clearing	Third Bullet	Why would there be a need to cut / prune / fell any tree or shrub outside the demarcated site? The reason for demarcating a site is to restrict activities within it.
Page 15	Soil Impacts	First Bullet: Last Sentence.	Delete 'where possible'.
Page 16	Concrete mixing	Last Bullet	Drip trays also to be placed under the engine.
Page 17	Air Quality	Dust Control: Second Last Bullet	A speed limit of 30 km/h would be more appropriate.
Page 30	Dust	First Bullet: Last Sub-bullet	
Page 17	Air Quality	Dust Control: Last Bullet	An all-hours number should be displayed at the site gate

DEA Reference Number: 14/12/16/3/3/2/730

Page 22	Social Environment	Second Bullet	where members of the community can lodge complaints about inappropriate construction activities, such as excess dust.
Page 27	Social	Eleventh Bullet	
Page 17	Air Quality	Emissions Control: Last Bullet	Gas can be provided for cooking in designated areas in the presence of fire extinguishers.
Page 17	Water Quality	Sanitation: Last Bullet	• Waste to be disposed of at a licenced WWTW. • A certificate of disposal must be obtained to prove legal disposal. • A Method Statement should be drafted for the management of chemical toilets.
Page 18	Water Resources	Second Bullet	Potable water should not be used.
Page 19	Biodiversity	Fourth Bullet	The Compliance and Enforcement Section of this Department will investigate the contravention of any legislation it has the mandate to enforce.
Page 19	Waste Management	Litter management: Second Last Bullet	They must be provided in the chemical toilets.
Page 19	Hazardous Waste	Second Bullet	Operate machinery in drip trays.
Page 21	Hazardous Material Storage	Second Bullet	This includes empty and full cement bags.
Page 21	Fire Management	Second Last Bullet	This Department supports the specialists and agrees that no open fires should be allowed.
Page 21	Fire Management	Last Bullet	Smoking should rather not be allowed.
Page 25	Agriculture & Soils	First Bullet	
Page 22	Cultural and Heritage Artefacts	First Bullet	Mention that SAHRA is responsible for these issues in the Northern Cape.

Page 22	Cultural and Heritage Artefacts	Last Bullet	This sentence is incomplete.
Page 23	Rehabilitation	Last Bullet	Check bi-annually for AIS and remove and regeneration.
Page 24	Ecological	Fourteenth, Fifteenth and Eighteenth Bullets	These is supported.
Page 24	Ecological	Last Bullet	Construction may only occur in terms of a General Authorization (if it applies) or a Water Use Licence.
Page 25	Agriculture & Soils	Fifth Bullet	The WEF should be a member of the local FPA.
Page 25	Agriculture & Soils	Seventh Bullet	The two sentences contradict each other. The Second Sentence should be deleted.
Page 25	Agriculture & Soils	Sixteenth Bullet	Stockpiles should not exceed 1.5 m in height.
Page 25	Agriculture & Soils	Nineteenth Bullet	This a duplicate of the Fourteenth Bullet.
Page 26	Heritage	First Bullet	The buffer should preferably be 100 m.
Page 28	Waste Management	First Bullet	A certificate of disposal must be obtained to prove legal disposal.
Page 30	Pollution	First Bullet	
Page 30	Dust	First Bullet	Activities that create dust must stop in high winds. Installation of an anemometer to indicate the wind speed that activities should stop is appropriate.
Page 32	8.1 Open Space Management Plan	d.	Lids of receptacles must not be able to be opened by scavenging animals.
Page 32	8.1 Open Space Management Plan	e.	Prerequisite permits must be issued by the appropriate authorities before any plants may be moved.
Page 32	8.1 Open Space Management Plan	g.	The Compliance and Enforcement Section of this Department will investigate the contravention of any legislation it has the mandate to enforce.
Page 33	8.3 Faunal Relocation Plan	b.	

DEA Reference Number: 14/12/16/3/3/2/730

Page 33	8.1 Open Space Management Plan	i.	Delete 'are to be used' and 'if required' from the sentence.
Page 33	8.2 Watercourse and Wetland Management Plan	a.	Should 30 m not read 32 m? Does 'channel edge' imply watercourse?
Page 33	8.2 Watercourse and Wetland Management Plan	b.	Pre-development run-off must be at least the same as post-development run-off.
Page 33	8.3 Faunal Relocation Plan: 8.3.1 General Conditions	a.	Delete this Bullet as it is very unlikely that this will happen. Snakes move away from noise and disturbance. There are only a few poisonous snake species in the general area. They can be removed by an expert if necessary.
Page 33	8.3 Faunal Relocation Plan: 8.3.1 General Conditions	c.	An expert who holds a Competency Certificate to handle Dangerous and Venomous Reptiles should be contracted to remove any animals.
Page 33	8.3 Faunal Relocation Plan: 8.3.1 General Conditions	d.	Permits are required from this Department to move any animals. Permit conditions will stipulate the procedure required to take animals to a veterinarian, for example, notifying the Department when animals will returned to veld.
Page 33	8.3 Faunal Relocation Plan: 8.3.1 General Conditions	f.	The maximum speed on site should be 30 kph.
Page 33	8.3 Faunal Relocation Plan: 8.3.1 General Conditions	g.	If nocturnal traffic is restricted to emergency vehicles, mortality to animals will be limited.
Page 33	8.3 Faunal Relocation Plan: 8.3.1 General Conditions	i.	The Alien Invasive Species should be removed once the breeding season closes.
Page 33	8.3 Faunal Relocation Plan: 8.3.2 Reptile Relocation	a.	Prerequisite permits must be issued by the appropriate authorities before any reptiles / mammals may be moved.
Page 34	8.3.4 Mammal Location	b.	
Page 34	8.4 Floral Relocation Plan	First Paragraph: Last Sentence	This Department agrees that a nursery need not be established.
Page 34	8.4 Floral Relocation Plan: 8.4.1 General Conditions	f.	The sentence should be rewritten to read: 'Any seed-bearing material collected should be planted as soon as possible after collection'.
Page 35	8.5 Site Clearing Plan: 8.5.1 Vegetation Clearing	c.	The sentence should read:' All alien invasive vegetation should be removed from site'.
Page 35	8.5 Site Clearing Plan: 8.5.1	e.	The sentence should read: 'All indigenous plant material

DEA Reference Number: 14/12/16/3/3/2/730

	Vegetation Clearing		removed from cleared areas that cannot be replanted shall be mulched.'
Page 35	8.5 Site Clearing Plan: 8.5.1 Vegetation Clearing	f.	The sentence should read: 'The use of herbicides is prohibited'.
Page 36	Re-vegetation Procedures	2.	This should read 'Eastern Upper Karoo'.
Page 37	Plot preparation	3.	This is not entirely correct. For example, additional treatment by way of removal of AIS or addition organic fertilizer would be appropriate.
Page 37	Plant Preparation		Delete the first three Paragraphs of Section as a nursery will not be established. Please refer to Section 8.4.
Page 37	Plant Preparation	Third Bullet	Delete this Paragraph of Section as a nursery will not be established.
Page 38	Landscaping techniques	Fourth Bullet	Sods should only be taken from areas that will be disturbed or cleared. Delete 'either from the near vicinity of the site from an area selected by the Site Engineer or ECO; or'.
Page 38	Landscaping techniques	Sixth Bullet	AIS should not be mulched and used on development sites.
Page 38	Landscaping techniques	Tenth Bullet	Please explain what is meant by this sentence.
Page 38	Landscaping techniques	Twelfth Bullet	What aspects will be monitored?
Page 38	Landscaping techniques	Fourteenth Bullet	• Is the figure 800 mm correct? • Water should not be potable.
Page 38	Landscaping techniques	Seventeenth Bullet	This Department does not support the use of herbicides, but only manual / mechanical methods to control AIS.
Page 38	Landscaping techniques	Eighteenth and Nineteenth Bullets	They do not make sense in the context of this plan.
Page 38	Landscaping techniques	Last Bullet	It should be deleted.
Page 39	8.6.2 Weeds and Alien Vegetation	First Bullet	Delete 'woody' from the sentence.
Page 39	8.6.2 Weeds and Alien Vegetation	Third Bullet	• What is the rationale behind mowing the grass? • Where are the 'specified grassed areas'? • Natural succession will be disrupted by continual mowing. The rationale of rehabilitation is to encourage the original vegetation to re-colonize the site as far as possible.
Page 39	8.6.2 Weeds and Alien Vegetation	Fourth Bullet	The sentence should read: 'If during the establishment period alien invasive species or other non-indigenous plants

DEA Reference Number: 14/12/16/3/3/2/730

			are present .... hand'.
Page 39	8.6.2 Weeds and Alien Vegetation	Last Bullet: First Sub-bullet	• This does not make sense. Why 100m x 120m? • There is a legal requirement to remove Category 1a and 1b Alien and Invasive Species. Thus they cannot be left to be used as firewood.
.Page 39	8.6.3 Soil Stabilisation & Stockpiling	First Bullet	Stockpiles should not to be closer than 100m from these areas. They should be parallel to the contour.
Page 39	8.6.3 Soil Stabilisation & Stockpiling	Second Bullet	What would be used to enrich topsoil? Only organic fertilizers should be used.
Page 39	8.6.3 Soil Stabilisation & Stockpiling	Fourth Bullet	Potable water should not be used.
Page 39	8.6.3 Soil Stabilisation & Stockpiling	Sixth Bullet	• The sentence should read: 'Topsoil **must** be stockpiled separately to subsoil for the final soil layer during rehabilitation'. • Soil layers must be compacted before re-vegetation to prevent subsidence.
Page 39	8.6.3 Soil Stabilisation & Stockpiling	Seventh Bullet	Delete 'as far as possible' from the sentence.
Page 39	8.6.3 Soil Stabilisation & Stockpiling	Ninth Bullet	Replace 'as soon as possible' with immediately.
Page 39	8.6.3 Soil Stabilisation & Stockpiling	Last Bullet	Replace 'actively managed' with implemented.
Page 40	8.7.1 Background and Legislative Framework	First Paragraph	• DEA should be approached to ascertain whether the AIS Regulations published in terms of NEMBA replace the CARA Regulations described here. • It is 1983 not '1983a'. • There is no Reference List in EMPr.
Page 41	8.7.1 Background and Legislative Framework	3. Maintenance control	By this stage all AIS should have been removed. Action should be to remove any regrowth.
Page 42	8.7.3 General Requirements	First Bullet	Black Wattle is the only species that can grow into a tree on site. Fell it as close to the ground as possible. Strip the bark into the ground to prevent coppicing. Herbicide treatment is thus not required.
Page 42	8.7.3 General Requirements	Second Bullet	There should be a no fire policy on the WEF site. Cuttings

DEA Reference Number: 14/12/16/3/3/2/730

			should thus not be burned.
Page 42	8.7.3 General Requirements	Fourth Bullet	• Is there such dense infestations of AIS that this may happen? • Any dense stands should be gradually thinned out to prevent soil being exposed to erosive forces.
Page 42	Mechanical Control Methods	First Paragraph	• The heading should read: Manual / Mechanical Control Methods. • Plants should not be burned.
Page 42	Chemical Control Methods		Their use is not supported.
Page 42	8.8.1 Construction	a.	It is preferable not to allow smoking. If it is allowed it must be in a designated area in the presence of a fire extinguisher.
Page 43	8.8.2 Operational	i.	
Page 42	8.8.1 Construction	d.	The WEF should be a member of the local Fire Protection Association.
Page 43	8.8.2 Operational	a.	
Page 43	8.8.1 Construction	g.	A policy of no fires on site is supported.
Page 43	8.8.1 Construction	h.	It is presumed that it will be the Fire and Emergency Services of the nearest municipality.
Page 43	8.8.1 Construction	j.	Rephrase this to mean any hot work, such as welding.
Page 43	8.8.1 Construction	k.	Which municipality would this be?
Page 43	8.8.2 Operational	b. to f.	Working for Fire should be consulted for expertise in this regard.

DAYALAN GOVENDER
REGIONAL MANAGER: ENVIRONMENTAL AFFAIRS: CACADU REGION

DATE: 11/03/2016

BirdLife
SOUTH AFRICA
Giving Conservation Wings

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Reg No: 001 – 298 NPO
PBO Exemption No: 930004518

22 March 2016

Caroline Evans
EOH Coastal and Environmental Services
67 African Street
Grahamstown
6140

Email: c.evans@cesnet.co.za

Dear Caroline

Re: Environmental Impact Assessment report for the proposed Umsobomvu Wind Energy Facility, Northern Cape and Eastern Cape Provinces.

DEA Reference No: 14/12/16/3/3/2/730

Thank you for the opportunity to comment on the above report. We apologise for the late submission.

BirdLife South Africa supports the development of renewable energy in South Africa. We also acknowledge the need to include more renewable in our energy mix if the threat of climate change is to be reduced.

We support the findings and recommendations of the avifaunal specialist study and note that this predicts that destruction of bird habitat during construction will be mitigated to medium significance, disturbance of breeding eagles to low, displacement of birds to low, collision with turbine blades to medium, and electrocution to low significance.

However, despite the low-medium significant ratings, we would like to note the following concerns.

1) The site is located approximately 14 km away from the Platberg Karoo Conservancy Important Bird Area (IBA). IBAs are of international importance for bird conservation because they hold a large numbers of threatened species. Building a wind energy facility close to the IBA could have a significant impact on threatened species, especially highly mobile species. The Platberg Karoo Conservancy IBA is one of the largest IBAs in South Africa, which means it holds high numbers of importance birds that should be protected. Species of concern in this IBA include Blue Crane, Ludwig's Bustard, Kori Bustard, Secretarybird, Martial Eagle, Blue Korhaan, Black Harrier, Denham's Bustard, Black Stork, Lanner Falcon, Tawny Eagle, Karoo Korhaan and Verreaux's Eagle.

2) The proposed WEF is located between 3 likely Lesser Kestrel roosting sites with the closest being approximately 4 km away. Lesser Kestrel is now listed Least Concern because it no longer approaches any of the thresholds for Vulnerable under the IUCN criteria. However, this migratory species still needs protection from impacts that could result in population reduction. Although we note that Lesser Kestrels were not recorded flying within the rotor sweep area, roosting sites normally hold high number of birds and we are concerned that the congregatory nature of these kestrels may increase the risk of collisions.

3) Other non-threatened species that may be impacted or be vulnerable to collision include Jackal Buzzard and Rock Kestrel.

4) At least three active Verreaux's Eagle nests were found in the area of the proposed wind farm. We are pleased to note that no turbines are proposed within areas surrounding the nests or areas frequently used by the birds (e.g. ridges) but it is likely that turbines are still proposed within the territories of resident eagles. Early indications from monitoring at other wind farms in South Africa suggest that this species, which has recently been up-listed to "Vulnerable", is particularly collision-prone.

5) Cumulative impacts are a concern, particularly if the impacts of both proposed wind and solar energy facilities are taken into consideration. Cumulative impacts are challenging to tackle, and this highlights the importance that monitoring, adaptive management, striving for no net loss of biodiversity, information sharing, and cooperation with other stakeholders/developers in the area. Conversely, significant gains could be made through collaborating with neighbouring renewable energy facilities in terms of monitoring and proactive conservation interventions.

When viewed in isolation and after looking at the avifaunal assessment results, the impacts of the Umsobomvu WEF does not appear to pose a significant threat to birds. The low number of birds recorded flying over the proposed development area does suggest that few birds will be impacted. However, the limitations of the study must be acknowledged and some level of impacts should be anticipated. It is therefore critical that operational phase monitoring, and if necessary, adaptive management is implemented. This should be included in the EMPr and consideration should be given to including triggers for further action (e.g. what should happen if fatalities occur for priority species such as Verreaux's Eagle and Lesser Kestrel).

We also recommend that monitoring of Verreaux's Eagle movements and territory use continues for at least another year prior to construction, as this may help inform any further amendments to the turbine layout. Similarly, we suggest that additional monitoring of Lesser Kestrel movements prior to construction may help inform an appropriate mitigation strategy, should this be required.

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BirdLife South Africa requests that pre-construction and operational phase monitoring reports be made available and sent to us on a quarterly basis. This would provide us with an opportunity to engage with the wind farm operator and specialist should significant negative effects be observed, and will help us develop our understanding of the effects of wind energy across South Africa.

In conclusion, while the information presented does suggest a moderate to low risk to birds, BirdLife South Africa recommends that a precautionary approach adopted should the development be approved. We suggest that monitoring of priority species continues prior to construction. Any recommendations arising from this work should be incorporated in the EMPr.

Yours sincerely

Simon Gear
Policy & Advocacy Manager

with

Mmatjie Mashao
Birds and Renewable Energy Intern

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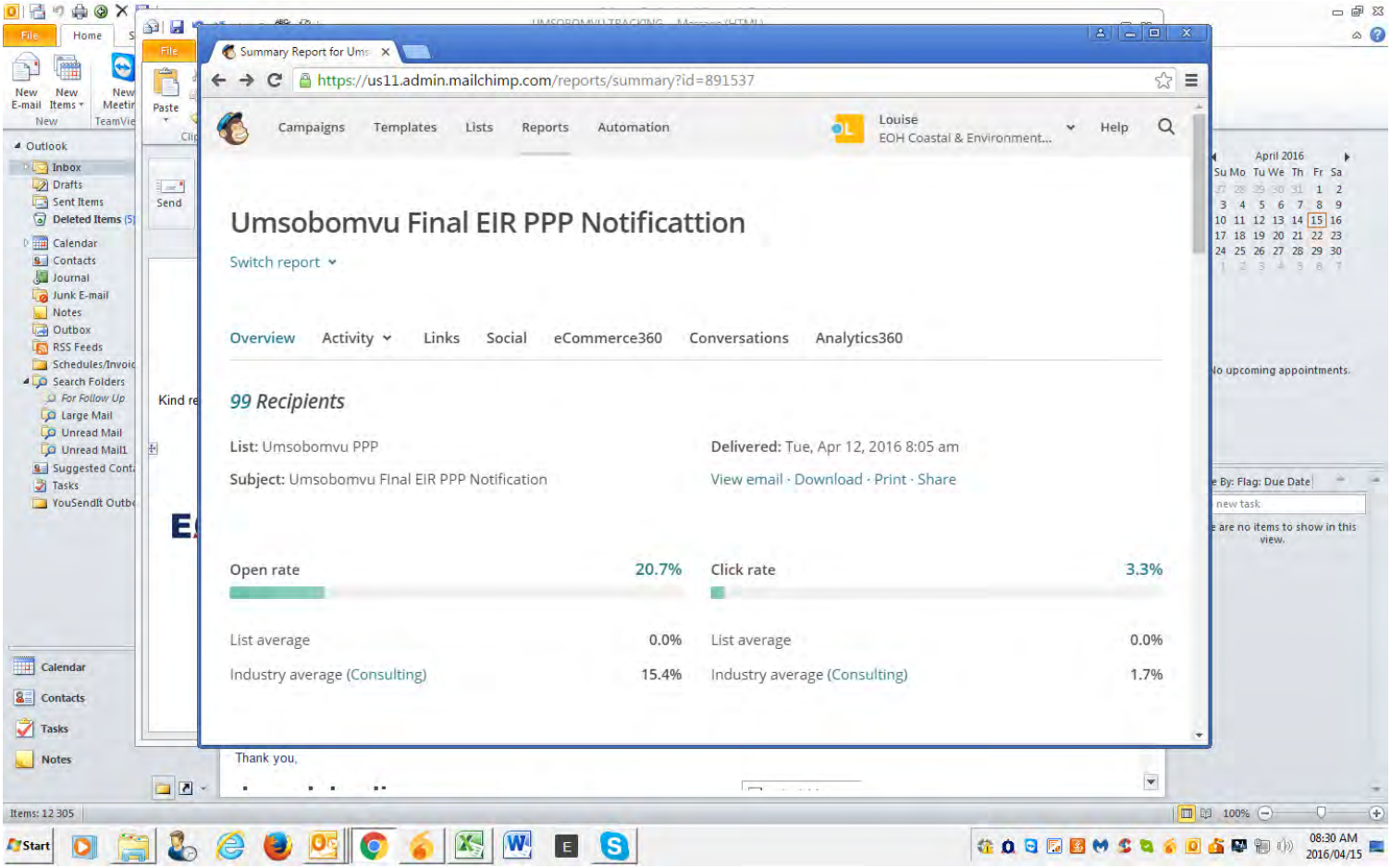
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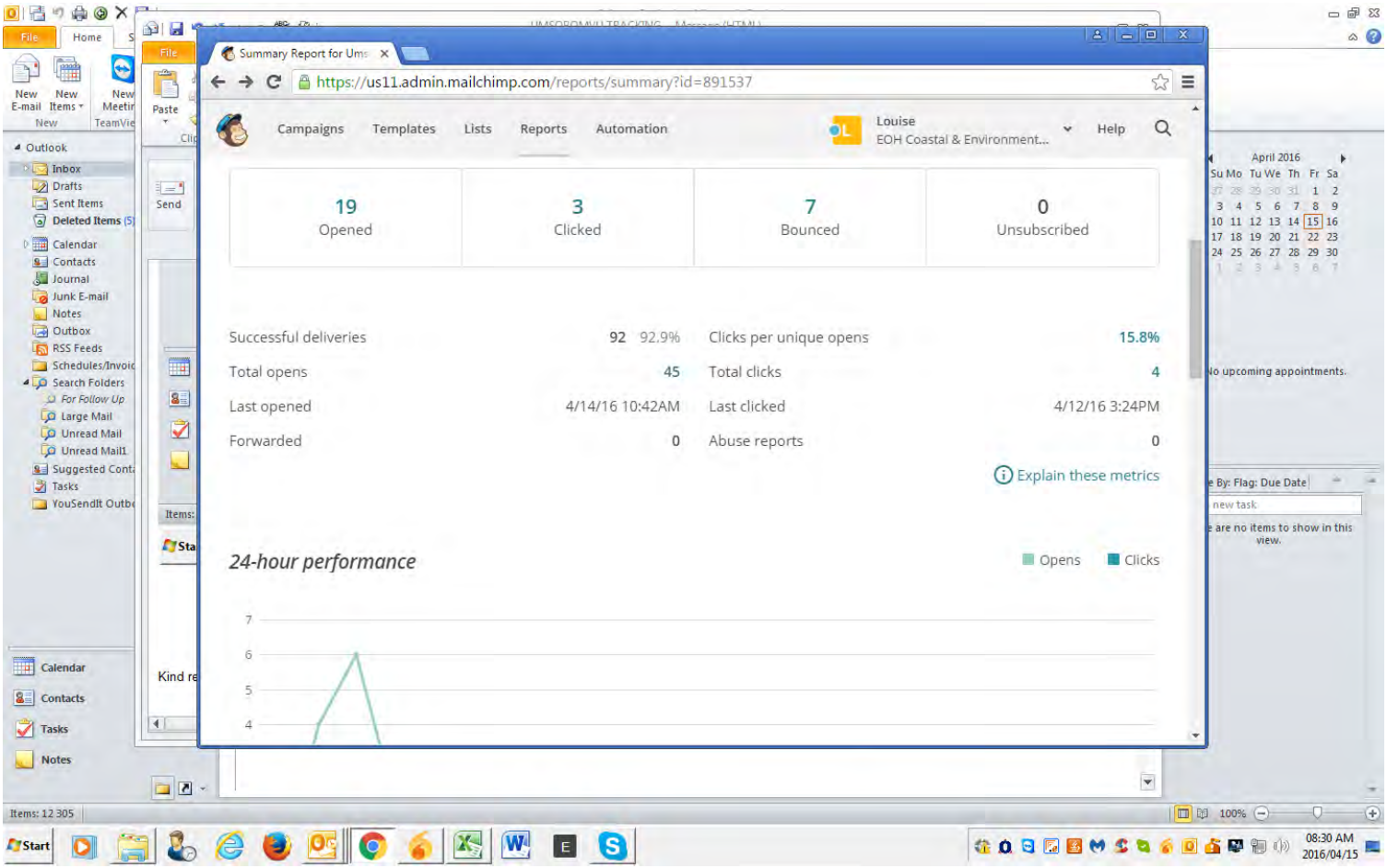
Thank you,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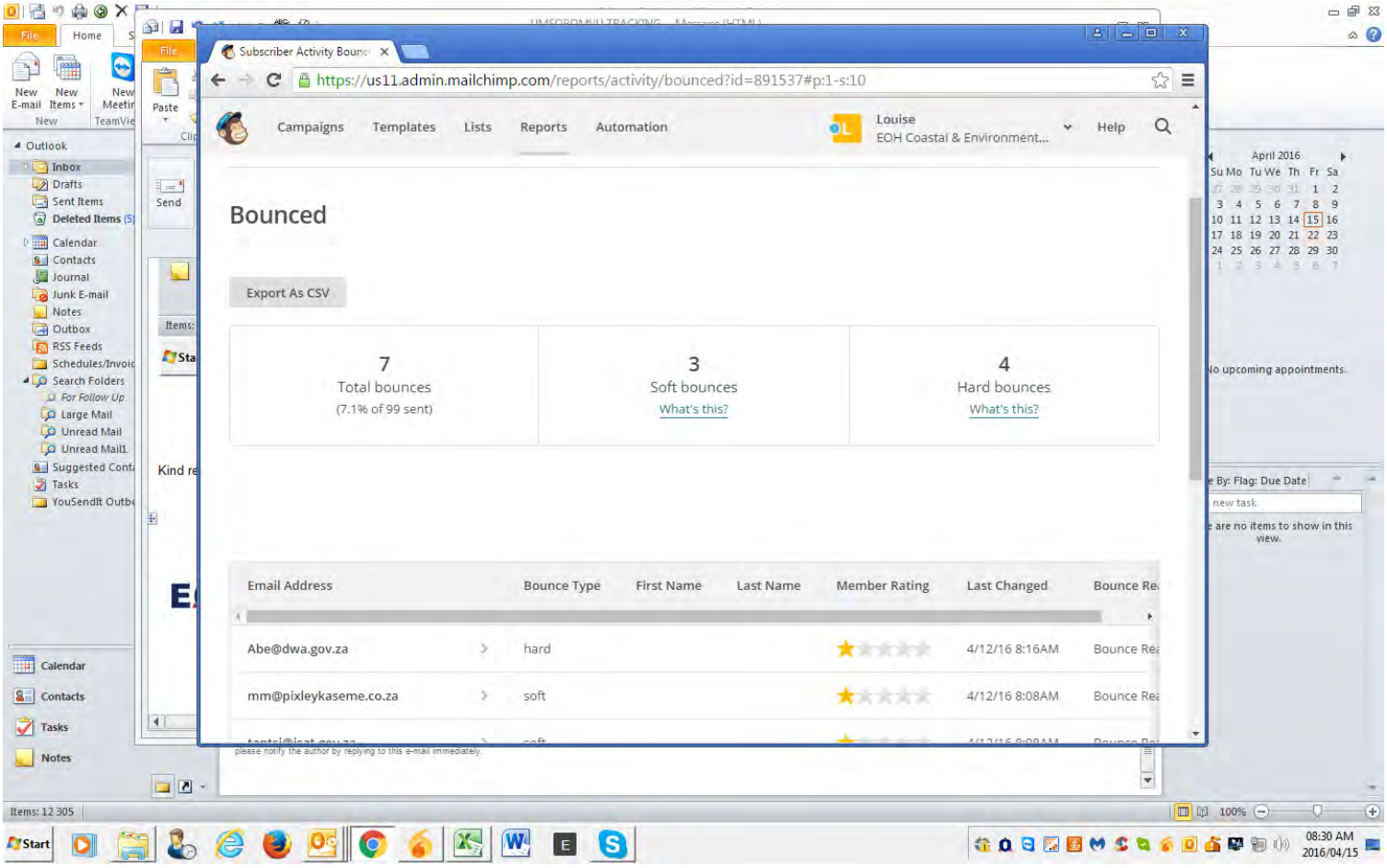
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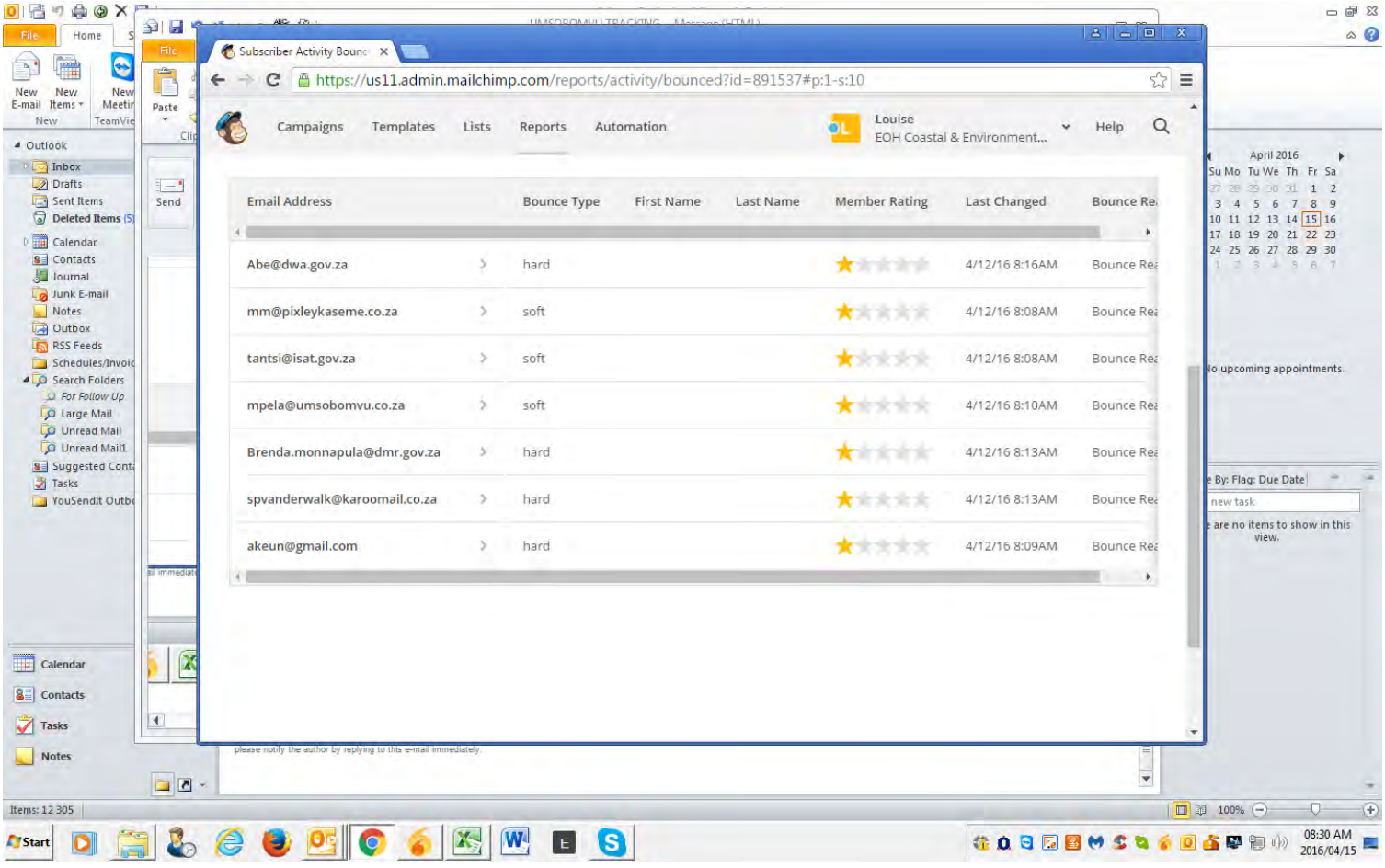
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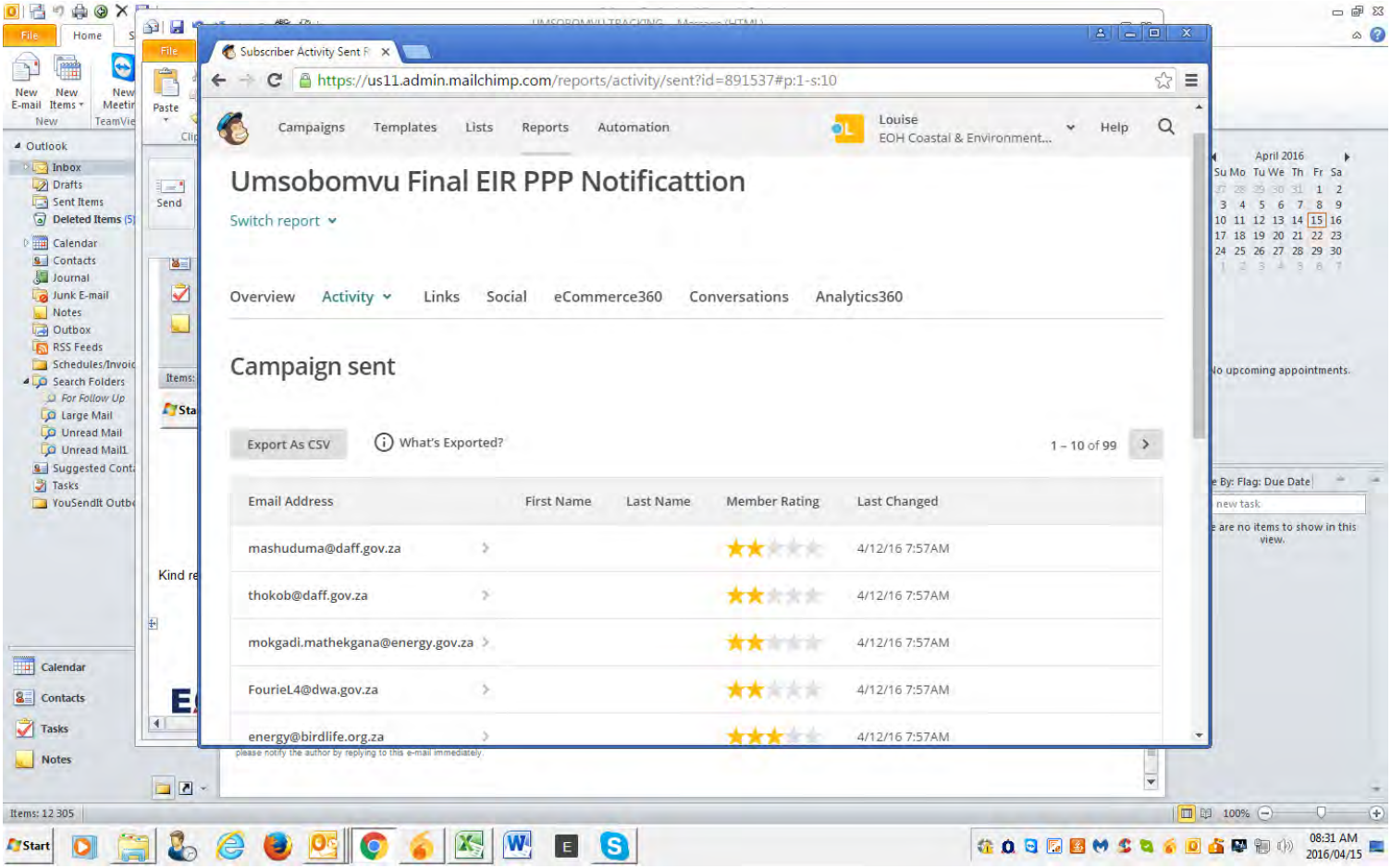
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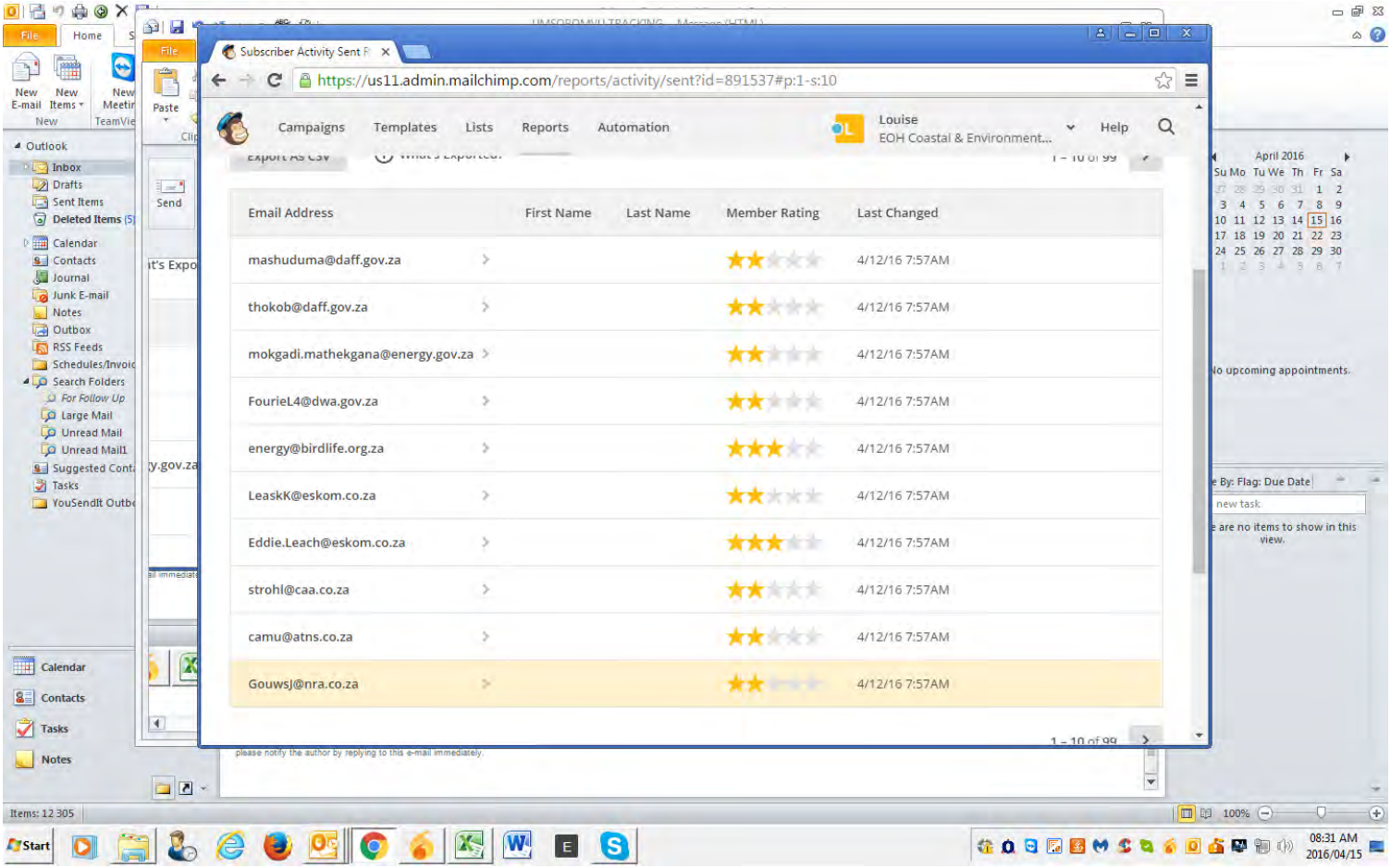
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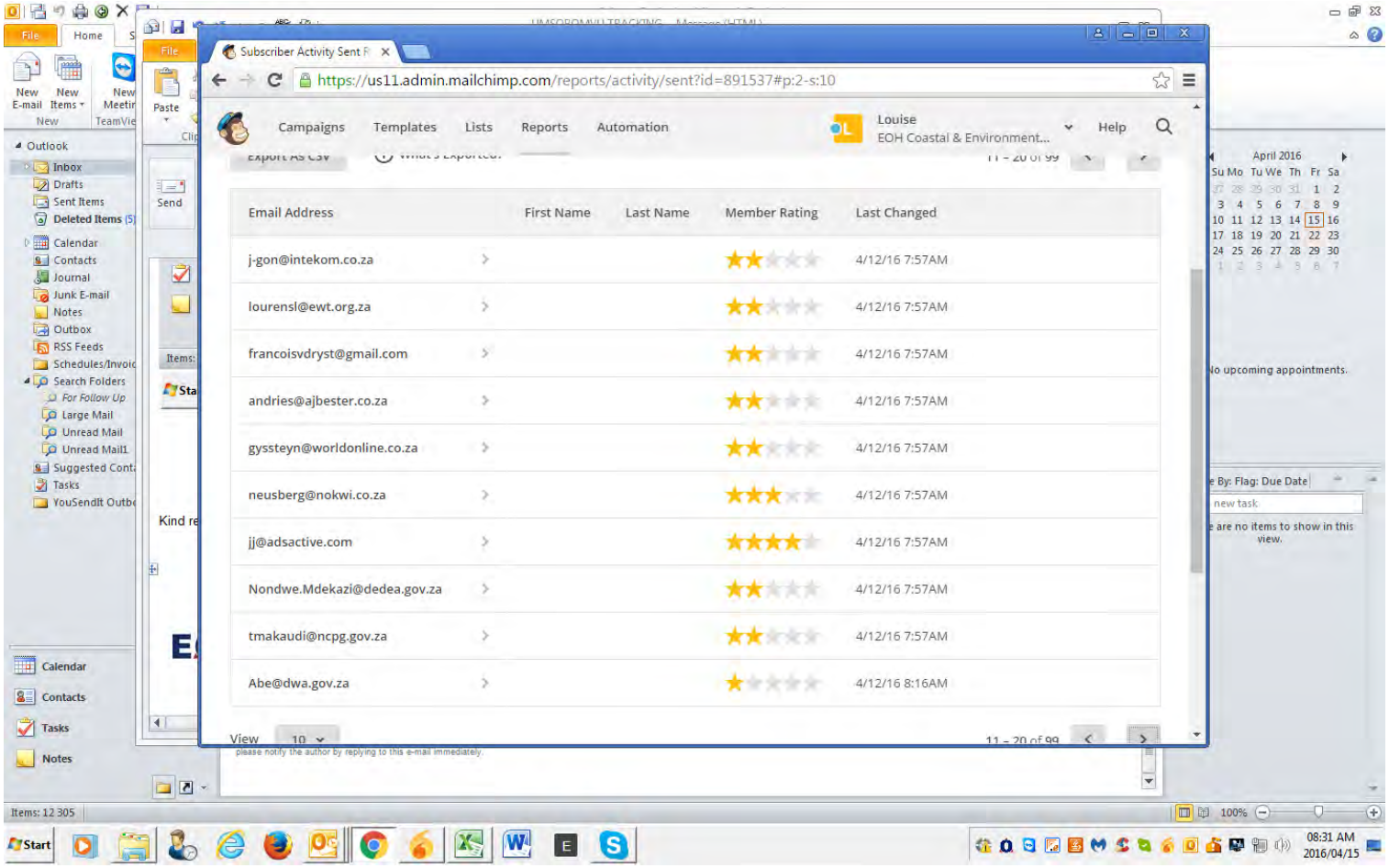
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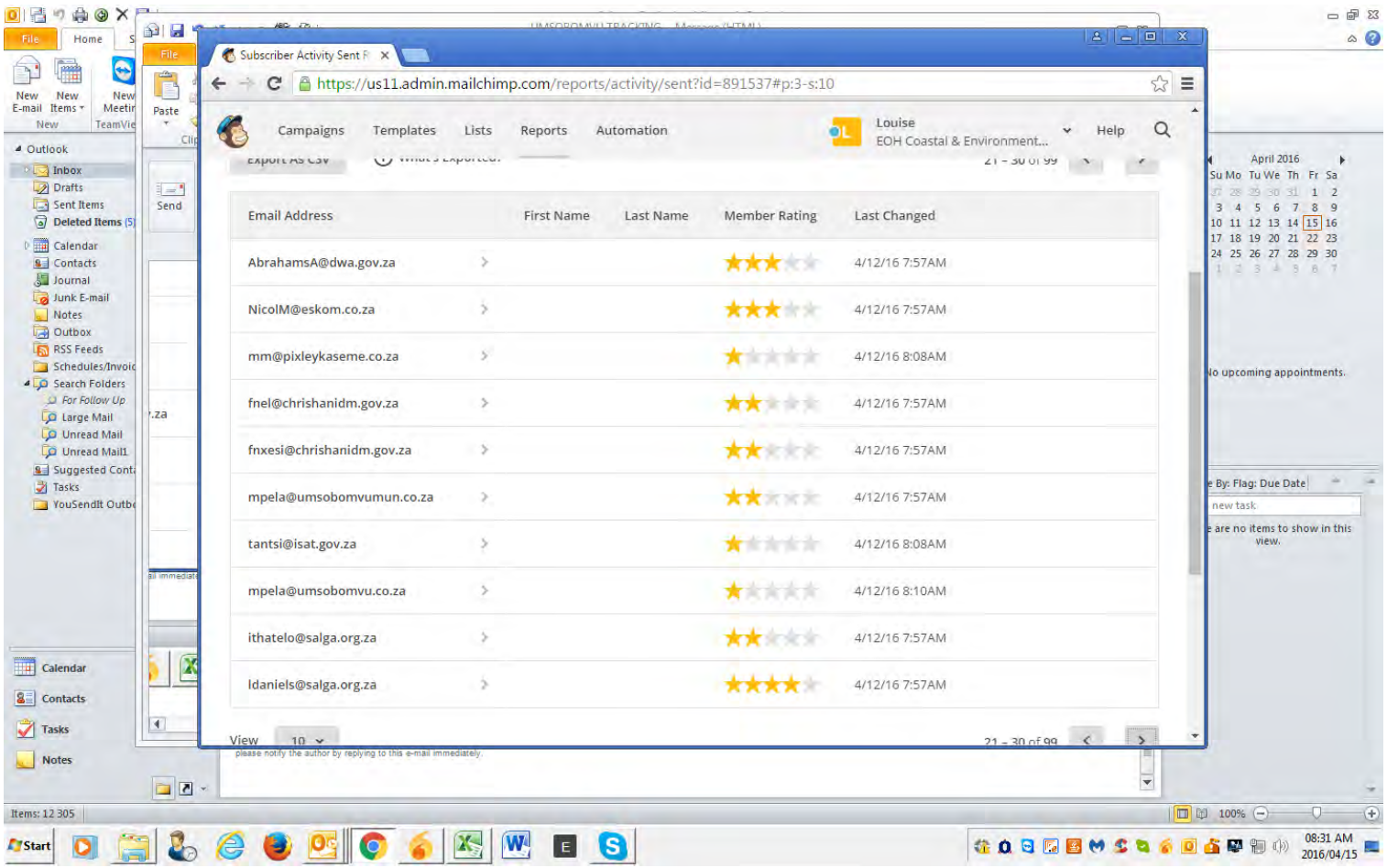
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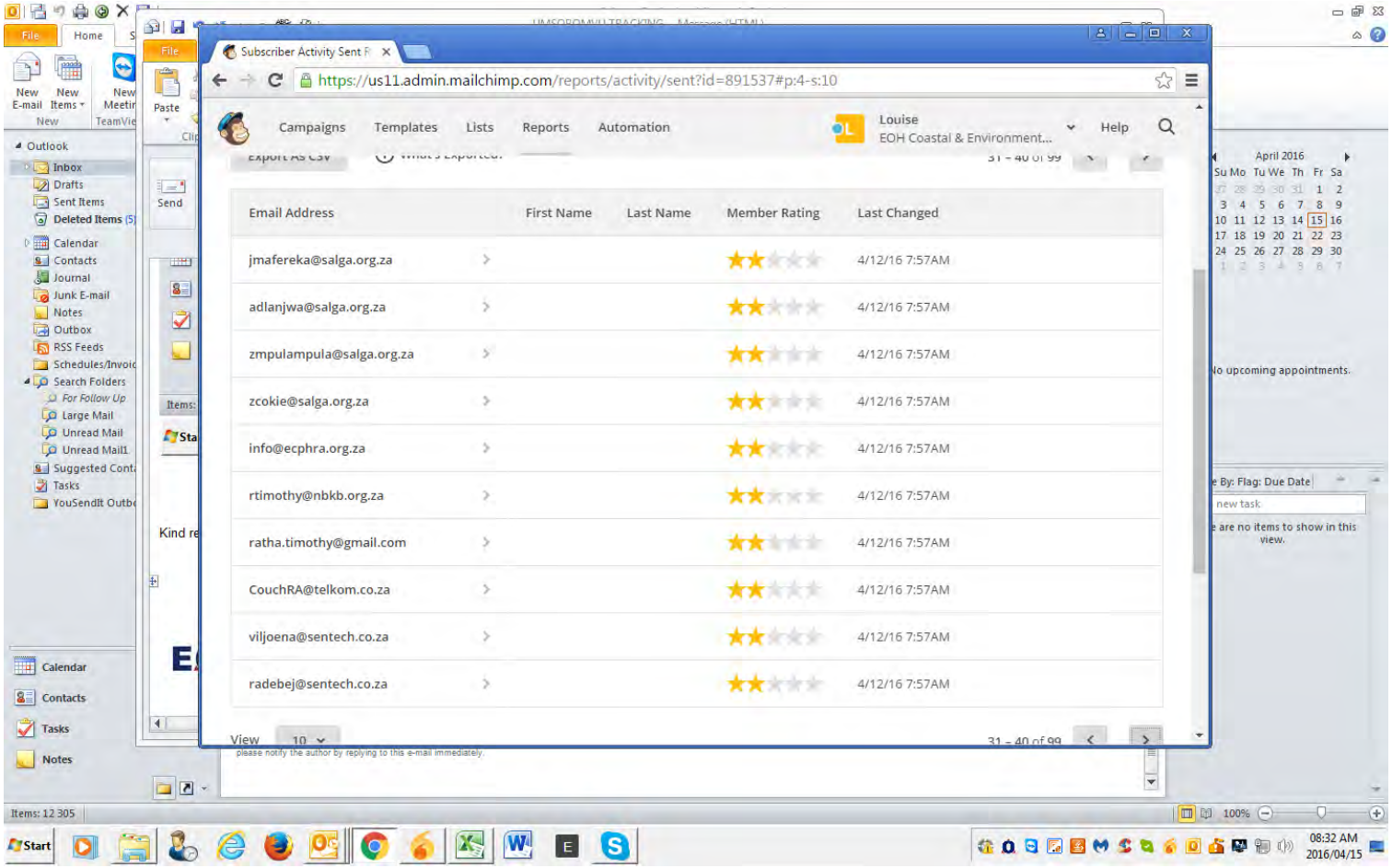
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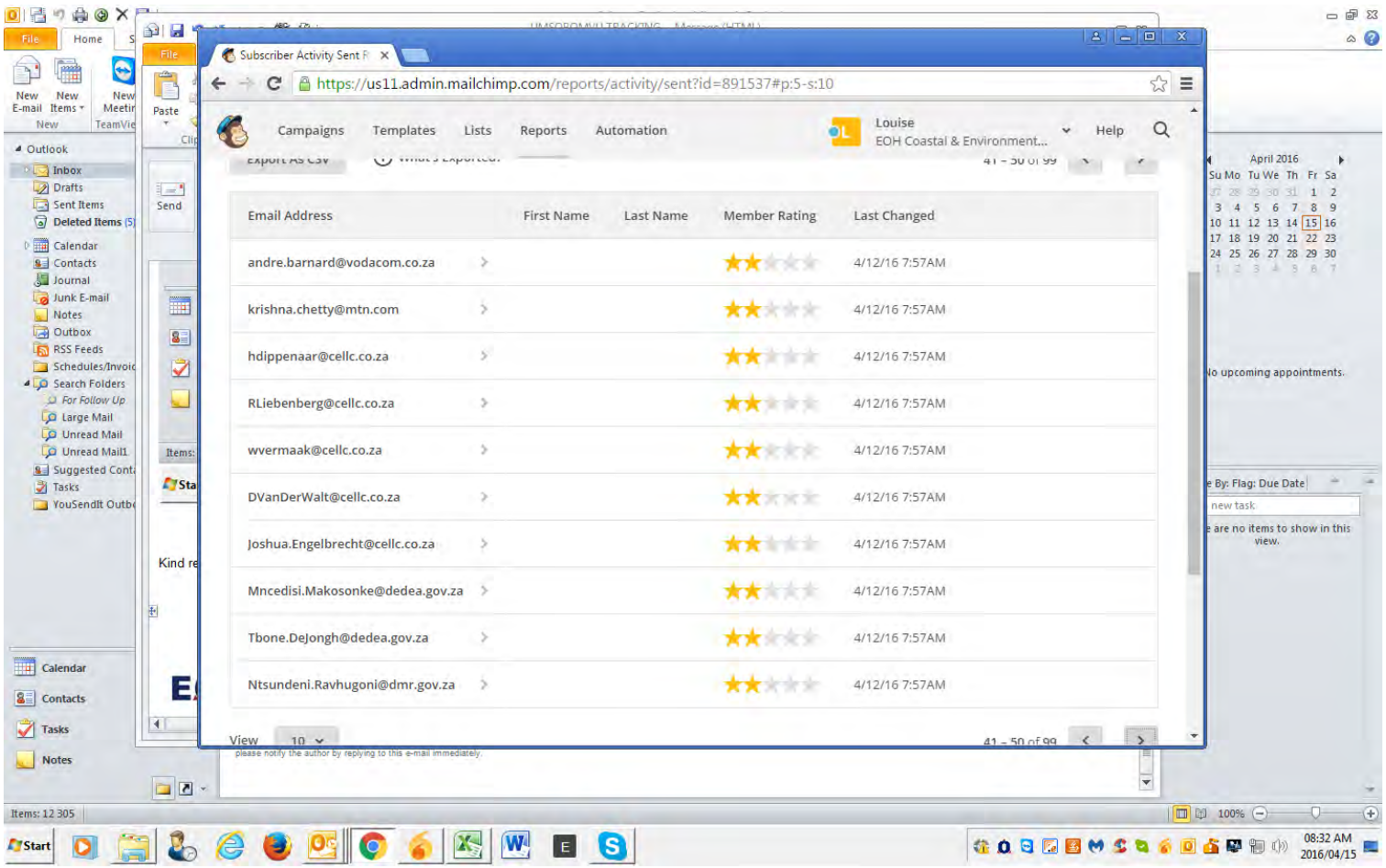
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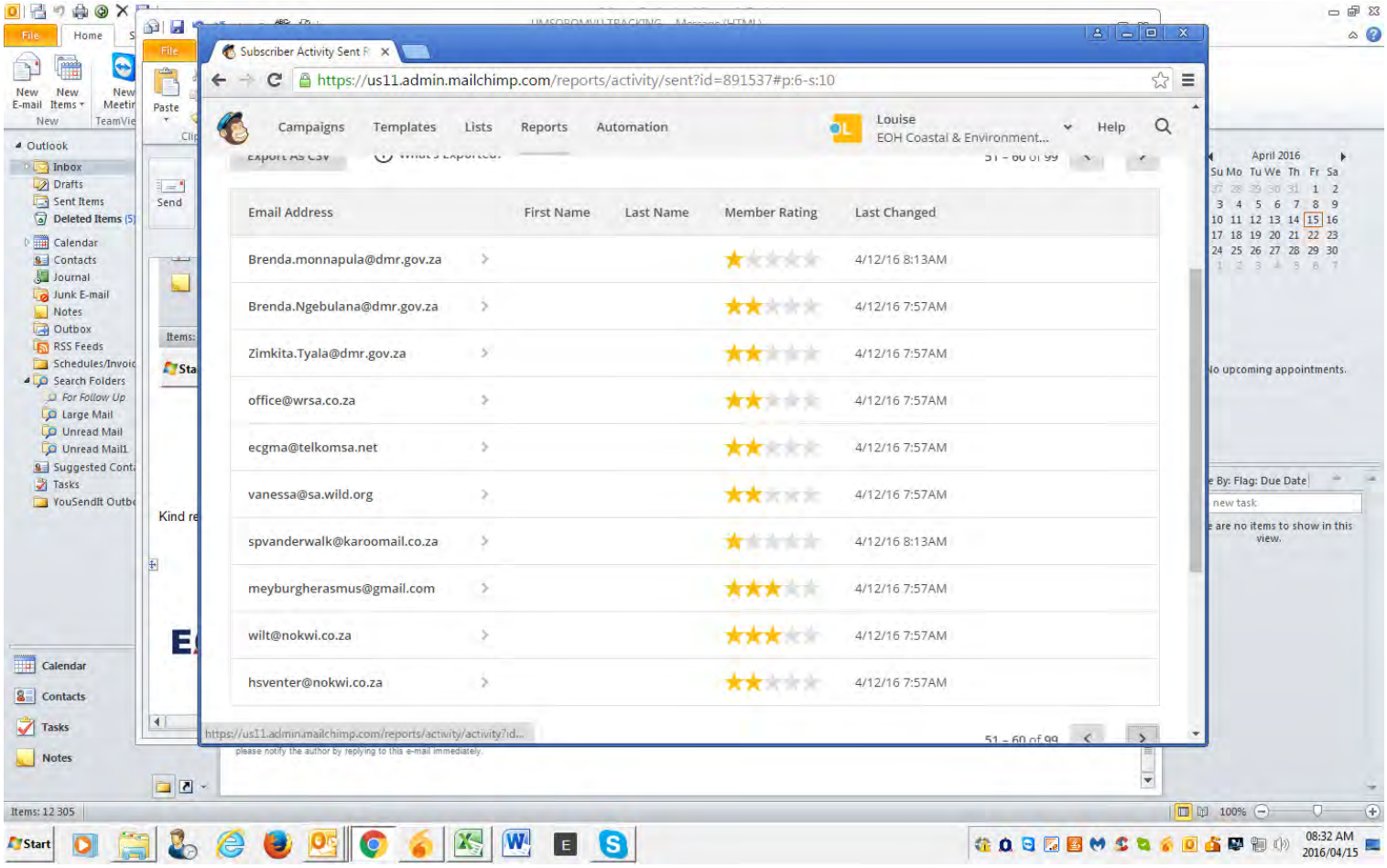
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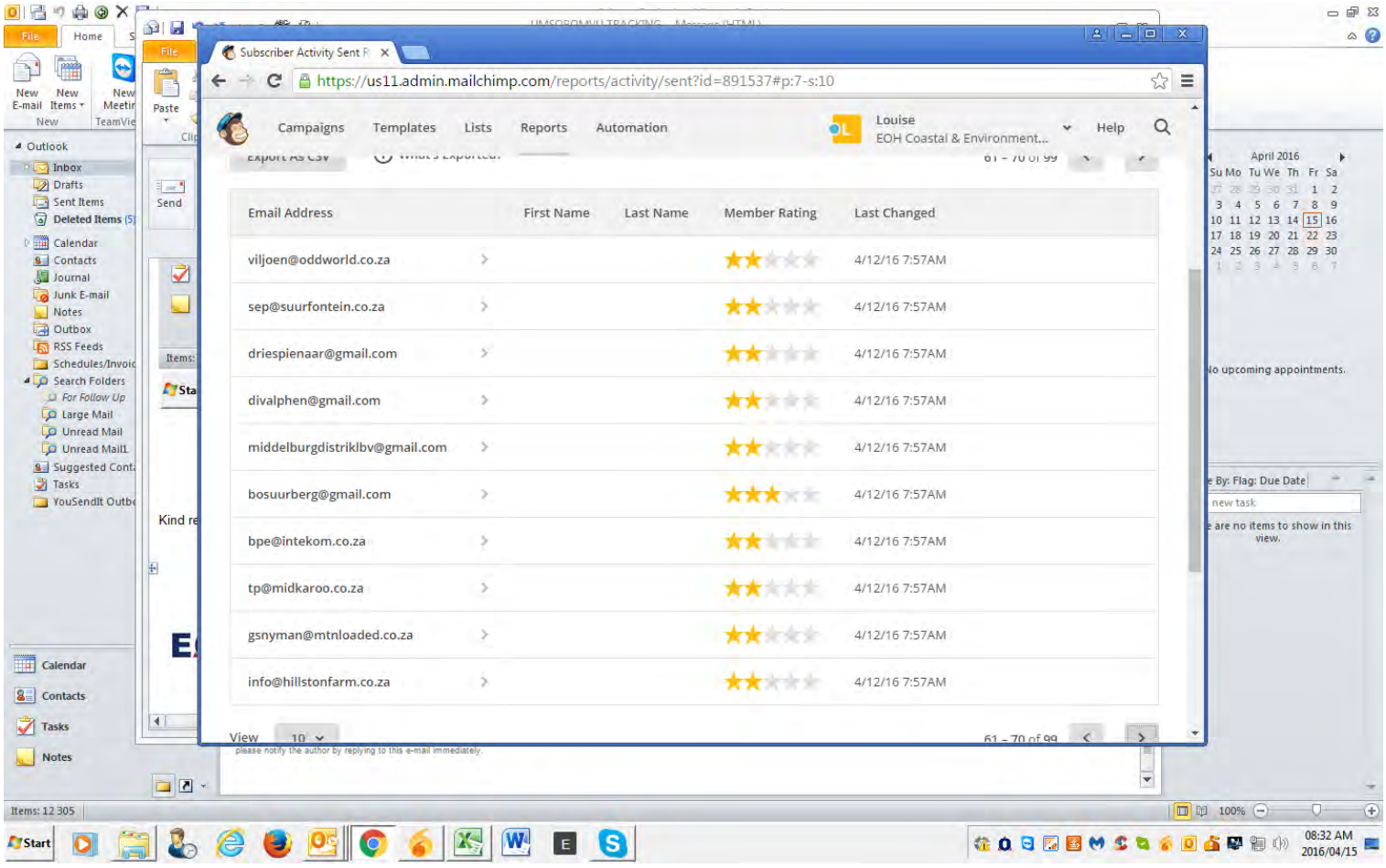
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bpe@intekom.co.za 4/12/16 7:57AM
tp@midkaroo.co.za 4/12/16 7:57AM
gsnyman@mtnloaded.co.za 4/12/16 7:57AM
info@hillstonfarm.co.za 4/12/16 7:57AM
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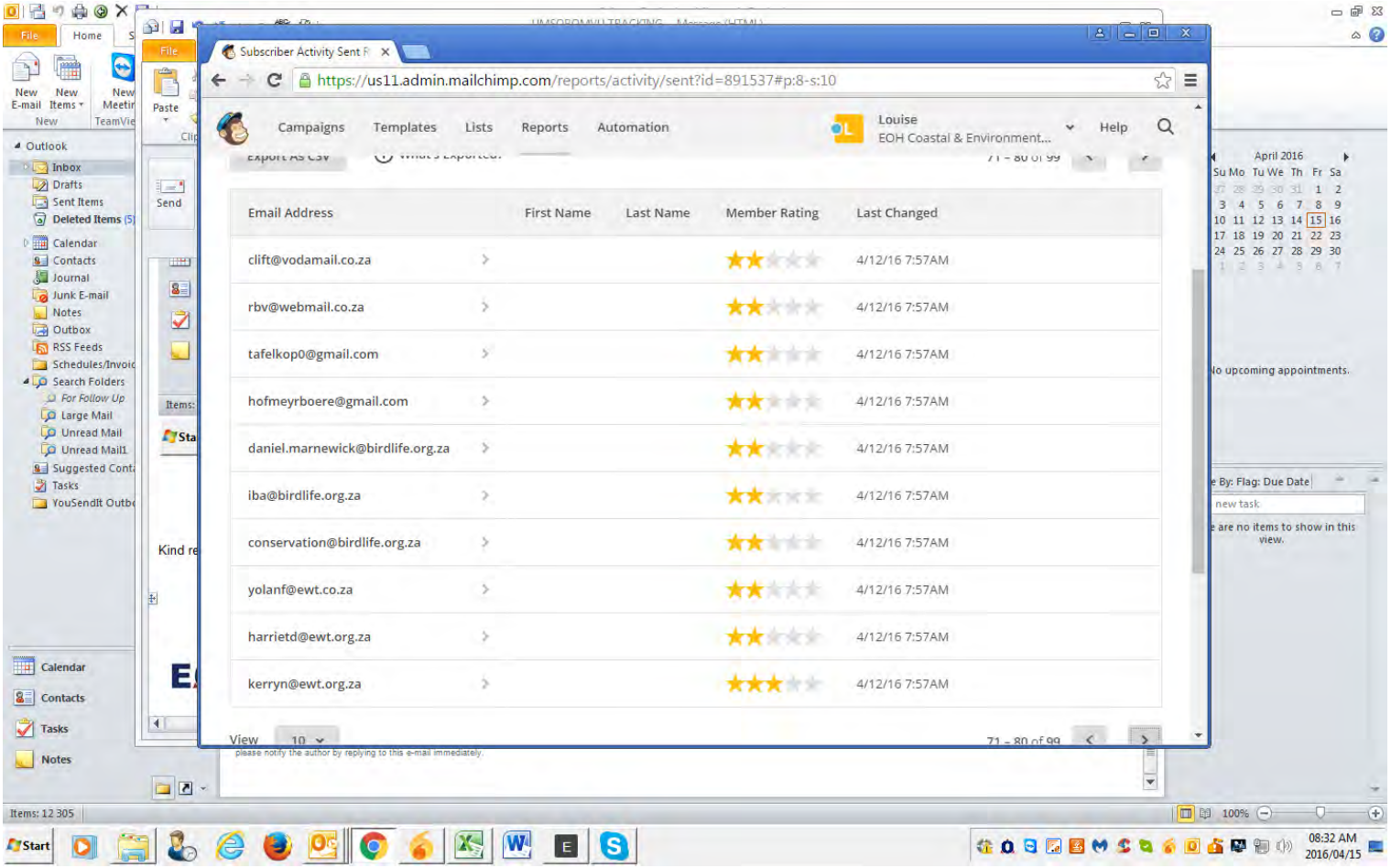
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hofmeyrboere@gmail.com 4/12/16 7:57AM
daniel.marnewick@birdlife.org.za 4/12/16 7:57AM
iba@birdlife.org.za 4/12/16 7:57AM
conservation@birdlife.org.za 4/12/16 7:57AM
yolanf@ewt.co.za 4/12/16 7:57AM
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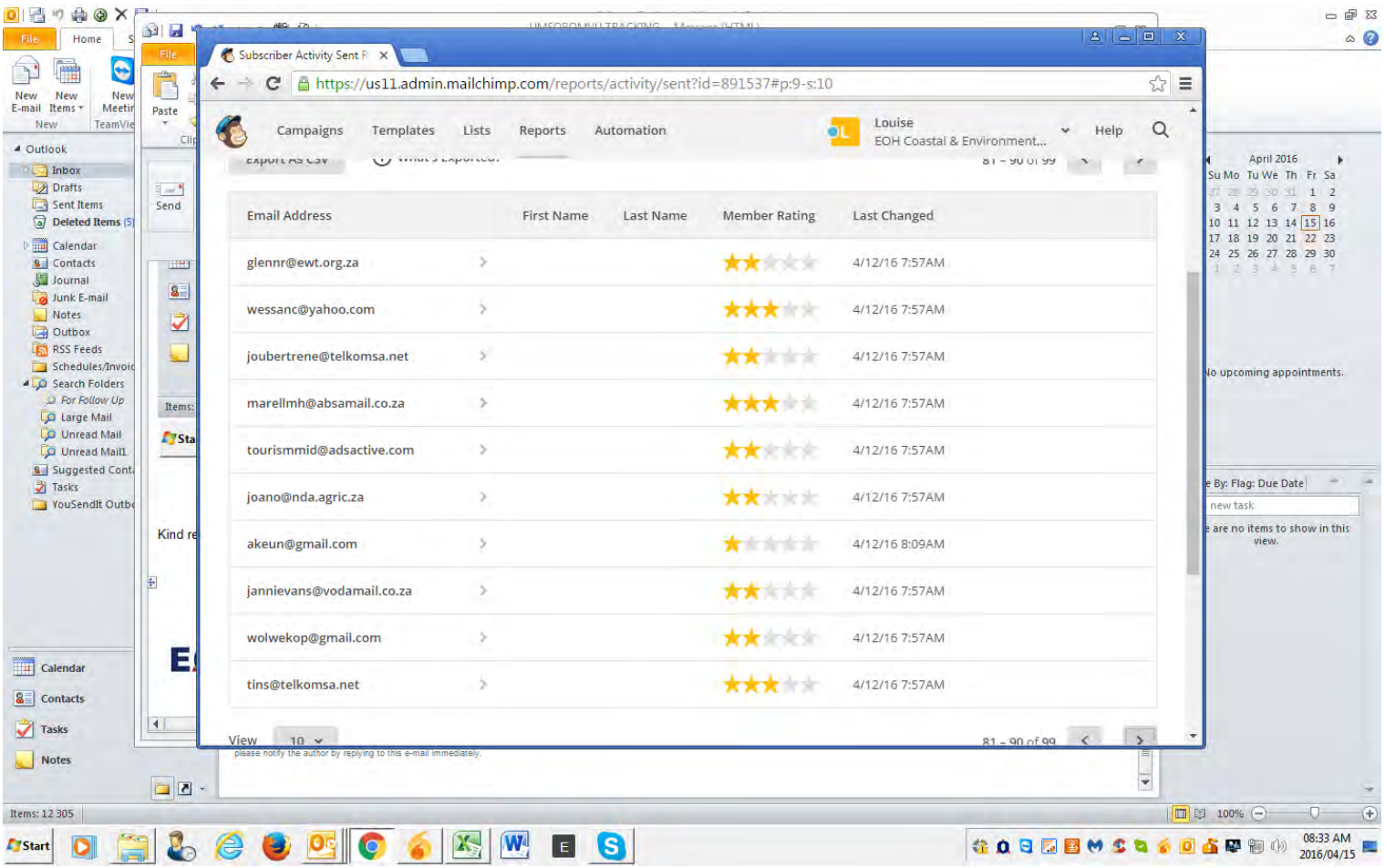
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wessanc@yahoo.com 4/12/16 7:57AM
joubertrene@telkomsa.net 4/12/16 7:57AM
marellmh@absamail.co.za 4/12/16 7:57AM
tourismmid@adsactive.com 4/12/16 7:57AM
joano@nda.agric.za 4/12/16 7:57AM
akeun@gmail.com 4/12/16 8:09AM
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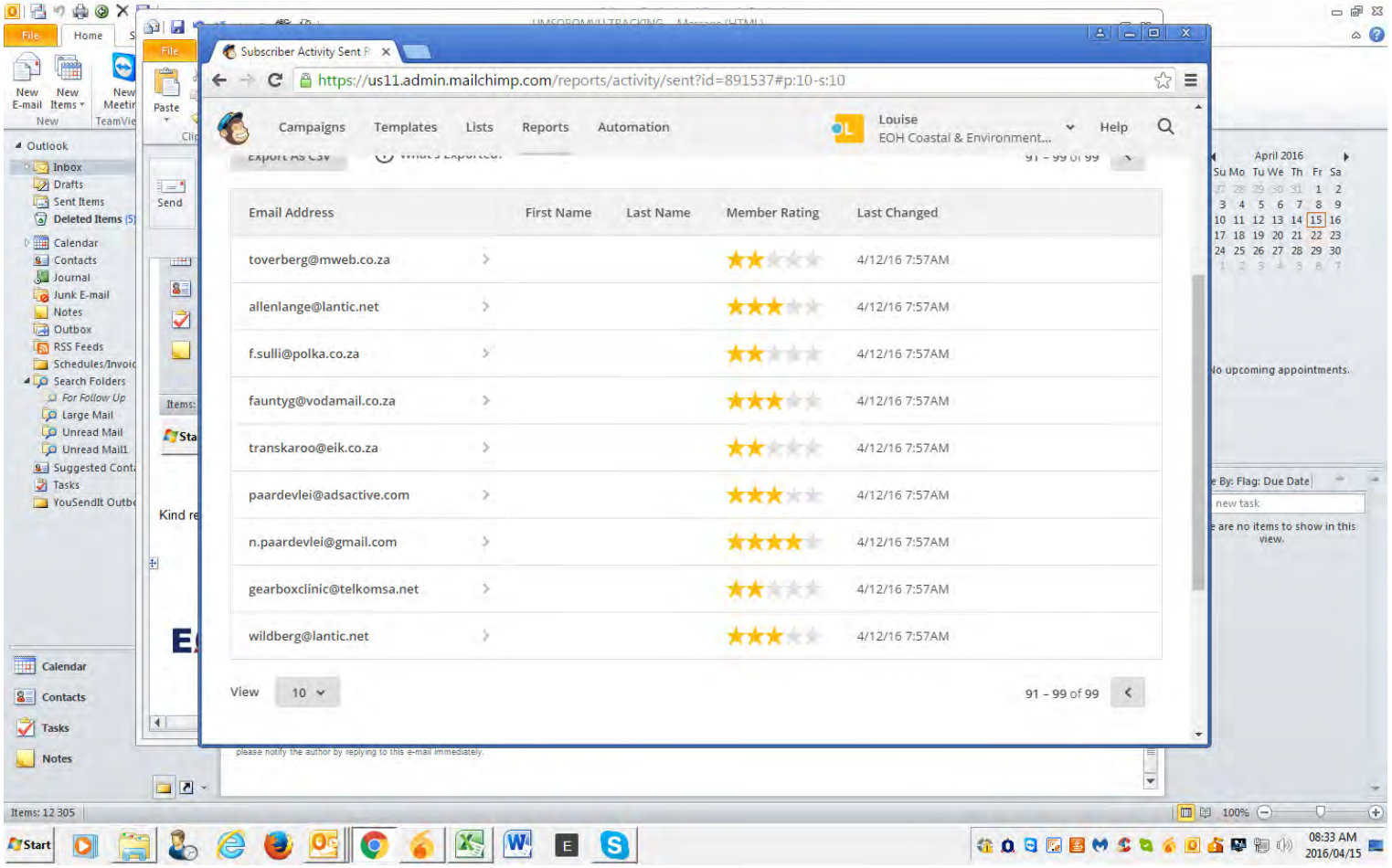
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f.sulli@polka.co.za
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transkaroo@eik.co.za
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paardevlei@adsactive.com
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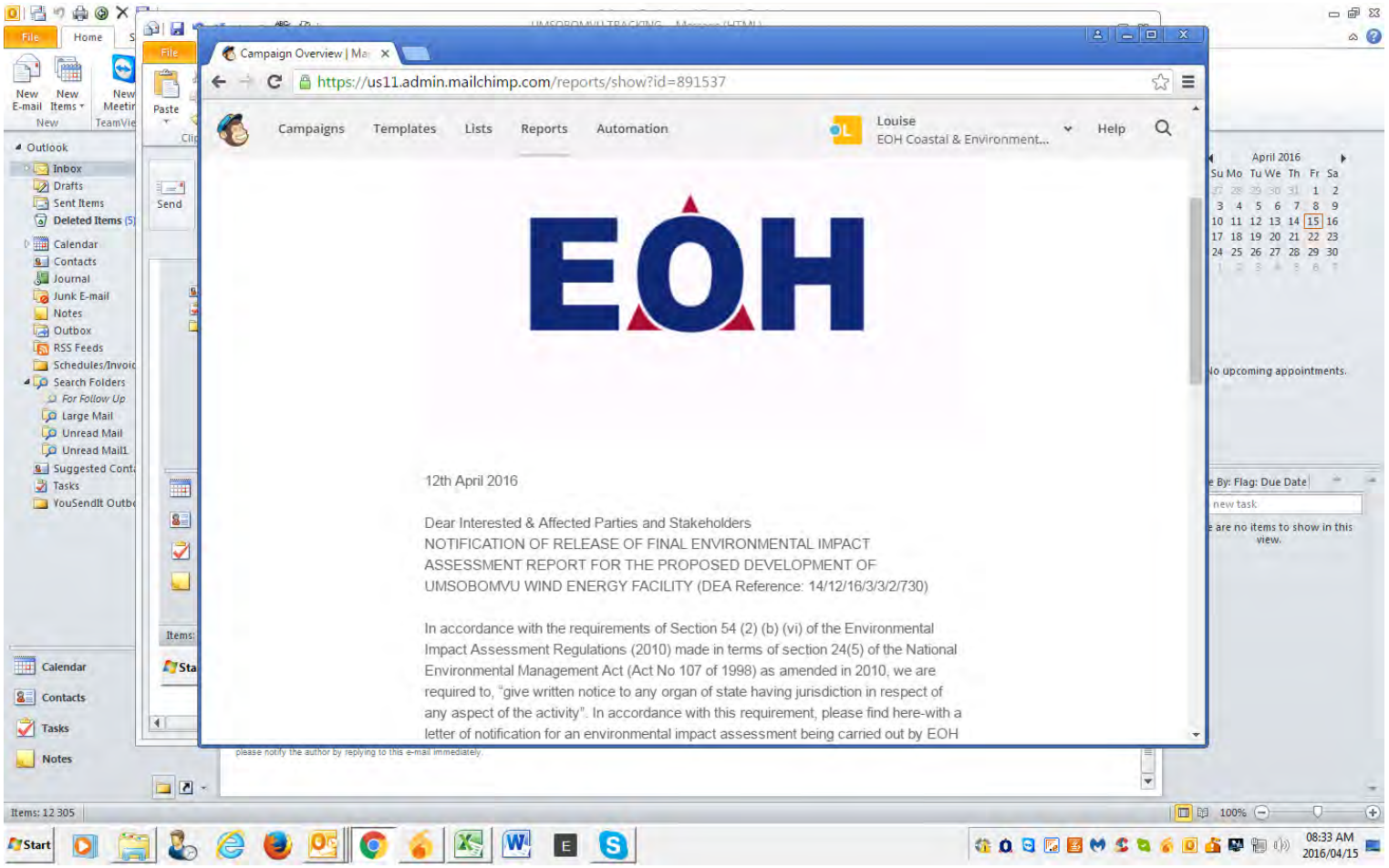
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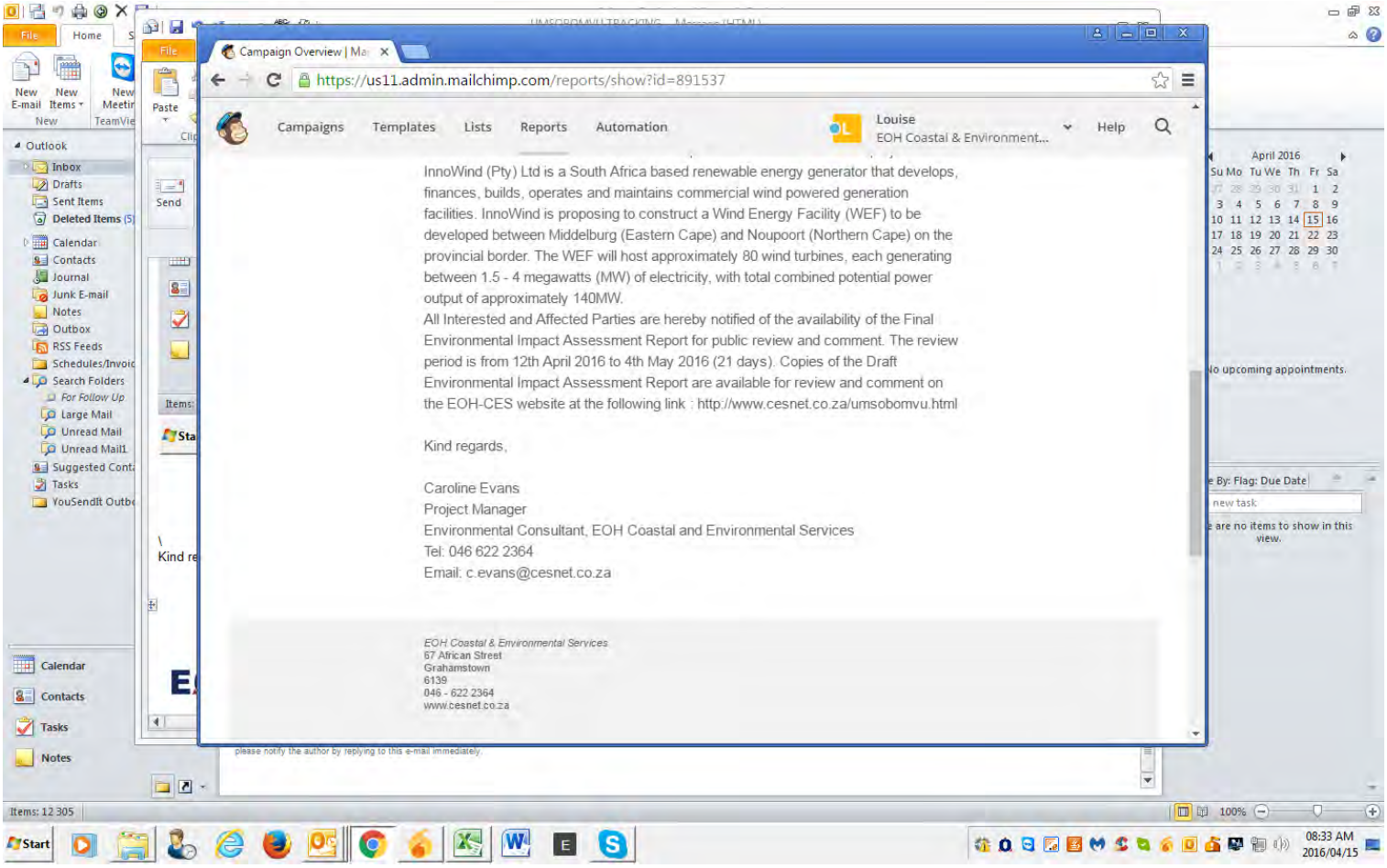
EOH
12th April 2016
Dear Interested & Affected Parties and Stakeholders
NOTIFICATION OF RELEASE OF FINAL ENVIRONMENTAL IMPACT ASSESSMENT REPORT FOR THE PROPOSED DEVELOPMENT OF UMSOBOMVU WIND ENERGY FACILITY (DEA Reference: 14/12/16/3/3/2/730)
In accordance with the requirements of Section 54 (2) (b) (vi) of the Environmental Impact Assessment Regulations (2010) made in terms of section 24(5) of the National Environmental Management Act (Act No 107 of 1998) as amended in 2010, we are required to, "give written notice to any organ of state having jurisdiction in respect of any aspect of the activity". In accordance with this requirement, please find here-with a letter of notification for an environmental impact assessment being carried out by EOH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All Interested and Affected Parties are hereby notified of the availability of the Final Environmental Impact Assessment Report for public review and comment. The review period is from 12th April 2016 to 4th May 2016 (21 days). Copies of the Draft Environmental Impact Assessment Report are available for review and comment on the EOH-CES website at the following link : http://www.cesnet.co.za/umsobomvu.html
Kind regards,
Caroline Evans
Project Manager
Environmental Consultant, EOH Coastal and Environmental Services
Tel: 046 622 2364
Email: c.evans@cesnet.co.za
EOH Coastal & Environmental Services
67 African Street
Grahamstown
6139
046 - 622 2364
www.cesnet.co.za

Coastal & Environmental Services

7th April 2016

Ms Marisa Bloem
Department of Water & Sanitation
Eastern Cape Province
6th Floor, 140 Govan Mbeki
Starport Building
Port Elizabeth
6001

Dear Ms Marisa Bloem

NOTIFICATION OF RELEASE OF FINAL ENVIRONMENTAL IMPACT ASSESSMENT REPORT FOR THE PROPOSED DEVELOPMENT OF UMSOBOMVU WIND ENERGY FACILITY (DEA Reference: 14/12/16/3/3/2/730)

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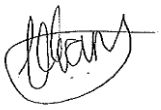
All Interested and Affected Parties are hereby notified of the availability of the Final Environmental Impact Assessment Report for public review and comment. The review period is from **7th April 2016 to 3rd May 2016**. The Final Environmental Impact Assessment Report is available for review and comment at the following address:

- The EOH CES website at the following link : http://www.cesnet.co.za/umsobomvu.html

Kind regards,



Caroline Evans
Project Manager
Environmental Consultant, EOH Coastal and Environmental Services
Tel: 046 622 2364
Email: c.evans@cesnet.co.za

Coastal & Environmental Services

7th April 2016

Muhammad Essop
Environmental Affairs
Environment House
473 Steve Biko
Arcadia
Pretoria
0083

Dear Mr Muhammad Essop

NOTIFICATION OF SUBMISSION OF FINAL ENVIRONMENTAL IMPACT ASSESSMENT REPORT FOR THE PROPOSED DEVELOPMENT OF UMSOBOMVU WIND ENERGY FACILITY (DEA Reference: 14/12/16/3/3/2/730)

In accordance with the requirements of Section 54 (2) (b) (vi) of the Environmental Impact Assessment Regulations (2010) made in terms of section 24(5) of the National Environmental Management Act (Act No 107 of 1998) as amended in 2010, we are required to, "*give written notice to any organ of state having jurisdiction in respect of any aspect of the activity*". In accordance with this requirement, please find here-with a letter of notification for an environmental impact assessment being carried out by EOH Coastal and Environmental Services in respect of the above-mentioned project.

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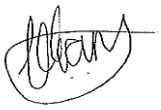
Kind regards,



Caroline Evans
Project Manager
Environmental Consultant, EOH Coastal and Environmental Services
Tel: 046 622 2364
Email: c.evans@cesnet.co.za

Coastal & Environmental Services

7th April 2016

Alan Southwood
Department of Economic Development, Tourism & Environmental Affairs
Cacadu
Collegiate Provincial Building, cor. Belmont Terrace and Castle Hill
Central Port Elizabeth
6000

Dear Mr Alan Southwood

NOTIFICATION OF RELEASE OF FINAL ENVIRONMENTAL IMPACT ASSESSMENT REPORT FOR THE PROPOSED DEVELOPMENT OF UMSOBOMVU WIND ENERGY FACILITY (DEA Reference: 14/12/16/3/3/2/730)

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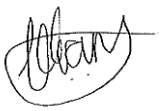

Caroline Evans
Project Manager
Environmental Consultant, EOH Coastal and Environmental Services
Tel: 046 622 2364
Email: c.evans@cesnet.co.za

Coastal & Environmental Services

7th April 2016

Mr Abe Abrahams
Department of Water & Sanitation
Northern Cape Province
28 Central Road
Beaconsfield
Kimberly
8301

Dear Mr Abe Abrahams

NOTIFICATION OF RELEASE OF FINAL ENVIRONMENTAL IMPACT ASSESSMENT REPORT FOR THE PROPOSED DEVELOPMENT OF UMSOBOMVU WIND ENERGY FACILITY (DEA Reference: 14/12/16/3/3/2/730)

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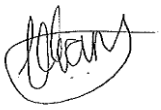

Caroline Evans
Project Manager
Environmental Consultant, EOH Coastal and Environmental Services
Tel: 046 622 2364
Email: c.evans@cesnet.co.za

Coastal & Environmental Services

7th April 2016

Mr Thulani Mthombeni
Department of Environment & Nature Conservation
Northern Cape Province
Metlife Towers, T-Floor
Kimberley
8300

Dear Mr Thulani Mthombeni

NOTIFICATION OF RELEASE OF FINAL ENVIRONMENTAL IMPACT ASSESSMENT REPORT FOR THE PROPOSED DEVELOPMENT OF UMSOBOMVU WIND ENERGY FACILITY (DEA Reference: 14/12/16/3/3/2/730)

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All Interested and Affected Parties are hereby notified of the availability of the Final Environmental Impact Assessment Report for public review and comment. The review period is from **7th April 2016 to 3rd May 2016**. The Final Environmental Impact Assessment Report is available for review and comment at the following address:

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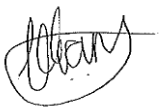

Caroline Evans
Project Manager
Environmental Consultant, EOH Coastal and Environmental Services
Tel: 046 622 2364
Email: c.evans@cesnet.co.za

Province of the
EASTERN CAPE
ECONOMIC DEVELOPMENT,
ENVIRONMENTAL AFFAIRS & TOURISM

Corner Belmont Terrace / Castle Hill Central Port Elizabeth 6001
Private Bag X5001 Greenacres 6057 | Republic of South Africa
Ref: Umsobomvu WEF: DEA Ref No: **14/12/16/3/3/2/730| Contact Person:** Alan Southwood
Tel: 041 508 5813 | **Fax:** 041 508 5865 | **E-mail:** Alan.Southwood@dedea.gov.za | www.dedea.gov.za

Attention:	Ms Caroline Evens	Enquiries : Alan Southwood
Organisation:	EOH Coastal& Environmental Services	DEA Ref No : **14/12/16/3/3/2/730**
Postal address:	67 African Street, Grahamstown, 6139	
Fax:	046 622 2364	
Tel:	046 622 6564	
E-mail:	c.evans@cesnet.co.za	

Dear Ms Evans,

COMMENT: FINAL ENVIRONMENTAL IMPACT ASSESSMENT REPORT: PROPOSED UMSOBOMVU WIND ENERGY FACILITY: NORTHERN AND EASTERN CAPE PROVINCES: UMSOBOMVU WIND POWER (PTY) LTD: DEA REFERENCE: 14/12/16/3/3/2/20/730

Your letter dated 7th April 2016 refers.

Please refer to Appendix 1 for the Department's comments.

Yours sincerely,

DAYALAN GOVENDER

REGIONAL MANAGER: ENVIRONMENTAL AFFAIRS: CACADU REGION

DATE: 19/05/2016

Appendix 1: Comment: Final Environmental Impact Assessment Report: proposed Umsobomvu Wind Energy Facility: Northern and Eastern Cape Provinces

Environmental Impact Assessment Report

Page Numbers	Section	Paragraph / Bullet	Comment
Page 4	1.2 Environmental Authorization in South Africa	First Paragraph: Last Sentence	~~It is 2016. Does this decision still hold?~~
Page 11	2.3.2 Construction	Second Bullet	~~It is an accepted principal that access roads should only be constructed if there are no existing roads. It should thus be decided at the Impact Assessment Stage whether a 'crawler' type crane will be used due to the requirement of a wider road and thus greater impact.~~
Page 11	2.3.2 Construction	Third Bullet	~~What is a 300mm deep road section?~~
Page 11	2.3.2 Construction	Last Bullet	~~Why are these passing places required; why are so many required?~~
Page 11	b) Electrical cabling	First Sentence	Where will it not be possible to run cables alongside access roads? The more overhead lines there are, the greater the chance there is for birds for birds to collide with them.
Page 29	5.3 NEM: PAA	Relevance to the proposed Umsobomvu WEF	~~Is the WEF located close to any area proclaimed in terms of the Act?~~
Page 29	5.4 NEM: BA	Third Paragraph: 1	~~The Endangered and Threatened Ecosystem Regulations, Government Notice R. 1002 dated 9th December 2011, are applicable.~~
Page 29	5.4 NEM: BA	Fourth Paragraph	~~Government Notice R. 152 of 23 February 2007.~~

DEA Reference Number: 14/12/16/3/3/2/730

Page 29	5.4 NEM: BA	Relevance to the proposed Umsobomvu WEF	~~Mention that the AIS Regulations, Government Notice R. 598 of 1st April 2014 are applicable.~~
Page 30	5.5 NEM: WMA	Relevance to the proposed Umsobomvu WEF	~~Are there any requirements in terms of this Act that should be included in the Draft EIA Report?~~
Page 30	5.6 National forest Act	Relevance to the proposed Umsobomvu WEF	~~Are there any protected trees that would be impacted by the development?~~
Page 30	5.7 National Heritage Resources Act	Relevance to the proposed Umsobomvu WEF: First Bullet	~~• Mention that a HIA was undertaken.~~ ~~• Who is the relevant agency in the Northern Cape?~~
Page 33	5.12 National Water Act	Relevance to the proposed Umsobomvu WEF: First Bullet	Will the WULA be submitted after any Environmental Authorization is granted? Your explanation should be added to the text of document.
Page 33	5.13.1 CARA Regulations	Last Paragraph	• The AIS Regulations do not stipulate that they supercede the CARA Regulations. • It would thus be appropriate to ask DEA for an opinion in this regard. Was DEA consulted?
Page 34	5.14 Subdivision of Agriculture Land Act	First Paragraph: Last Sentence	Minister of Agriculture, Forestry and Fisheries. The name was not updated.
Page 34	5.15 MPRDA	Application for a mining right: First Paragraph	~~An application to DMR can be for a Mining Licence or a Right.~~
Page 34	5.15 MPRDA	Table 5-2	~~A Mining Licence (not permit) requires a BAR and an EMPr.~~
Page 35	5.15 MPRDA	Relevance to the proposed Umsobomvu WEF: Second Bullet	Was an application submitted to the Minister? Was feedback received?
Page 36	5.18 Other Relevant	First Bullet	~~Is the Mountain Catchment Areas Act relevant to this~~

DEA Reference Number: 14/12/16/3/3/2/730

	Legislation		~~WEF?~~
Page 36	5.18 Other Relevant Legislation	Third Bullet	~~What is the equivalent legislation applicable to the Northern Cape?~~
Page 39	6.1.3 Topography		This Department is very concerned about the potential visual impact of the WEF on this mountain scape (Figure 6-3). This Department is still of this opinion.
Page 42	6.1.5 Watercourses	First Paragraph	The potential impact of roads crossing watercourses in this steep terrain is of major concern. This Department is still of this opinion.
Page 50	6.1.8 Fauna		~~Certain references cited here were not included in the References (Page 134).~~
Page 51	Table 6-2		A column should be added that describes the legal status of the various species in terms on the PNCO and ToPS. The PNCO status for various animal taxa is not given in the Ecological Assessment Report.
Page 53	Table 6-3		It should include the same columns as Figure 6-2. The PNCO status for various animal taxa is not given in the Ecological Assessment Report.
Page 54	Table 6-4		
Page 56	Table		
Page 57	Table 6-5		
Page 54	6.1.9 Avifauna	IBAs	~~Was the 2015 version consulted?~~
Page 57	6.1.10 Chiroptera	Last Paragraph	~~This specialist did not provide an expert opinion on the acceptability of the WEF.~~
Page 61	6.2.7 Tourism		This Department is very concerned about the potential visual impact of the WEF on tourism.

DEA Reference Number: 14/12/16/3/3/2/730

			This Department is still of this opinion.
Page 64	Sites of importance identified from desktop assessment		~~Of what specific relevance are they to this project?~~
Page 65	6.2.9 Noise associated with wind energy	Last Paragraph	~~The Final Layout was informed by various specialists. The noise impact assessment should thus be undertaken as part of the EIA.~~
Page 65	6.2.10 Visual Impacts	First Paragraph: First Sentence	This is of particular relevance in this mountain-scape. This Department is still of this opinion.
Page 72	Release of Draft Scoping Report		• When was the Draft Scoping Report accepted by DEA? • Where is the documentation to this affect? • When was the FSR submitted to and accepted by DEA? This Department did not receive a copy. • Was the Full PPP copied onto a CD that was provided to this Department? • Please quote the applicable Regulation that stipulates that the Final Scoping Report does not form part of the PPP process.
Page 72	The PPP section of the EIR		~~Was this meeting held?~~
Page 88	9.1.4 Conclusion & Specialist Opinion	First Paragraph: Second Line	~~Staff should not be accommodated on site but in the nearest town.~~
Page 91	9.2.3 Recommendations	First and Third Paragraphs	• The recommendations are supported. • The placement of plants in a nursery (Second Paragraph) should only be undertaken if plants cannot be relocated at the time of their removal. This Department is still of this opinion
Page 91	9.2.4 Conclusions & Specialist Opinion	First Paragraph: Last two Sentences	These recommendations are supported. This Department is still of this opinion.

Page 91	9.2.4 Conclusions & Specialist Opinion	Last Paragraph	
Page 92	9.2.4 Conclusions & Specialist Opinion	First two Paragraphs	
Page 93	Data sources used	First Paragraph	Was any legislation consulted, for example the PNCO or ToPS, to quantify the legal status of the birds? The PNCO is not cited in the Avifaunal Specialist Report. This is important as most birds in the Eastern Cape are protected.
Page 93	Data sources used	First Bullet: Fifth Line	~~Was the 2015 version consulted?~~
Page 93	Data sources used	Last Bullet	~~2011 is no longer recent. Was this document updated?~~
Page 94	Data sources used	First Bullet	Is this the most recent version?
Page 94	Data sources used	Last Bullet	
Page 94	9.3.2 Impacts	Fifth and Second Last Bullets	~~Specific mitigation measures must be stipulated for these species.~~
Page 95	Impacts		These recommendations are supported. This Department is still of this opinion.
Page 95	Impacts	Second Paragraph	All these findings are acknowledged and must be taken into consideration during the decision-making process. This Department is still of this opinion.
Page 95	Impacts	Second Last Paragraph: Second Sentence	This should be a Condition of any authorization. This Department is still of this opinion.
Page 95	9.3.3 Recommendations		They are all supported. This Department is still of this opinion.
Page 96	9.3.4 Conclusions & Specialist		The Conclusions and Specialist Opinion is supported.

DEA Reference Number: 14/12/16/3/3/2/730

	Opinion		This Department is still of this opinion.
Page 98	9.4.2 Impacts	Last Paragraph	These requirements are supported. This Department is still of this opinion.
Page 99	9.4.2 Impacts	First Two Paragraphs	They are supported. This Department is still of this opinion.
Page 102	9.5.2 Impacts	Last Paragraph	This Department agrees with the content of these Paragraphs. This Department is still of this opinion.
Page 102	9.5.4 Conclusions & Specialist Opinion		
Page 104	9.6.4 Conclusions & Specialist Opinion		
Page 124	11.1 Ecological Sensitivity	Last Paragraph	
Page 125	11.1 Ecological Sensitivity	Paragraph under Figure 11-3	
Page 127	11.3 Bat Sensitivity	Paragraphs One, Two and Three	
Pages 103 to 104	9.6.3 Recommendations	First, Second, Third, Fourth, Fifth and Second Last Paragraphs	They are all supported. This Department is still of this opinion.
Page 107	9.7.3 Recommendations		
Page 110	9.9.3 Recommendations		
Page 107	9.7.2 Impacts	Third Paragraph	Duty of Care and good housekeeping by the contractor will be required to mitigate these impacts. This Department is still of this opinion.
Page 109	9.8.4 Conclusions & Specialist Opinion		Loss of scenic resources may not be seen as a fatal flaw but the erection of turbines will cause a significant visual impact in this mountainous area. This Department is still of this opinion.

DEA Reference Number: 14/12/16/3/3/2/730

Page 115	10.1.9 Visual		• Tall trees are not a natural phenomenon in these vegetation types. They may thus impact on the surface and ground water. • The fact that there is another WEF should not be used as a mitigating factor as people's perceptions of these facilities differ. This WEF will actually increase the cumulative impact in the general area. This Department is still of this opinion.
Page 116	11 Umsobomvu WEF Sensitivity Analysis	Second Bullet	~~Watercourses, wetlands and thicket vegetation should be No-Go areas.~~
Page 125	11.2 Avifaunal Sensitivity		There should be a 100m buffer around farm dams. Buffers are not specifically stipulated in the Avifaunal Impact Assessment.
Page 129	12.1 Description of Proposed Activity		If the turbines generate between 2 to 3.5 MW then there would be between 40 and 70 turbines. It would be preferable to have larger capacity turbines so the number can be reduced.
Page 129	12.2.1 Assumptions		They are supported. This Department is still of this opinion.
Page 129	12.2.2 Gaps	Last Paragraph	This Department agrees with the content of these Paragraphs. This Department is still of this opinion.
Page 131	12.4 Consideration of Alternatives		
Page 132	12.5 Opinion of the EAP		This Department supports this opinion. This Department is still of this opinion.
Page 132	12.6 Recommendation of the EAP	Last Paragraph	The mitigation measures stipulated in the EMPr must be implemented. This Department is still of this opinion.
Page 133	12.6 Recommendation of the	Two Paragraphs	These measures must be implemented.

DEA Reference Number: 14/12/16/3/3/2/730

	EAP		This Department is still of this opinion.
Page 136	14.1 Appendix A: Public Participation Documents		• This documentation was incomplete and no electronic copy was provided to consult this information. • There was no correspondence from Government Departments, particularly DEA (for example, acceptance of Final Scoping Report). • There is no Application Form. This was not communicated at the time this Department was asked to comment.
Page 136	14.2 Appendix B: Interested and Affected Parties Database	Notes on Focus Group Meetings: Noupoort Farmer's Association: Second and Third Bullets	A major concern is the irreversible impact of roads in this mountainous terrain. This Department is still of this opinion.
Page 136	14.2 Appendix B: Interested and Affected Parties Database	Notes on Focus Group Meetings: Middleburg Focus Group Meeting	The Second, Third, Fifth and Sixth Questions are of particular relevance: roads and dust. This Department is still of this opinion.
Page 136	14.2 Appendix B: Interested and Affected Parties Database	DEDEAT's Letter dated 4th May 2015: Comments on the DSR	• This Department did not receive any further correspondence from the EAP until they received the Draft EIA Report under cover of a letter dated 2nd February 2016. • The sentence in the response is incomplete. • Please quote the applicable Regulation that stipulates that the Final Scoping Report does not form part of the PPP process.

Appendix 14.4: Environmental Management Programme

Page Numbers	Section	Paragraph / Bullet	Comment
Page 14	Shadow Flicker	First Bullet	~~It is accepted that in the final layout shadow flicker was minimized as far as possible.~~
Page 15	Site Establishment	Third Bullet	• This Department supports the specialists and agrees that no open fires should be allowed. • Gas can be provided for cooking in designated areas in the presence of fire extinguishers. • This Department is still of this opinion.
Page 24	Ecological Fifth Bullet		
Page 15	Site Establishment	Second Last Bullet	Solid waste may not be buried on site. Where is this stipulated in the EMPr?
Page 15	Site Clearing	First Bullet	~~Two months is too long. Two weeks would be more appropriate.~~
Page 15	Site Clearing	Third Bullet	A certificate of disposal must be obtained to prove legal disposal of spoil. This Department is still of this opinion.
Page 22	Construction site decommissioning	Last Bullet	
Page 15	Site Clearing	Third Bullet	~~Why would there be a need to cut / prune / fell any tree or shrub outside the demarcated site? The reason for demarcating a site is to restrict activities within it.~~
Page 15	Soil Impacts	First Bullet: Last Sentence.	~~Delete 'where possible'.~~
Page 16	Concrete mixing	Last Bullet	Drip trays also to be placed under the engine. This Department is still of this opinion.
Page 17	Air Quality	Dust Control: Second Last Bullet	A speed limit of 30 km/h would be more appropriate. This Department is still of this opinion.
Page 30	Dust	First Bullet: Last Sub-bullet	

DEA Reference Number: 14/12/16/3/3/2/730

Page 17	Air Quality	Dust Control: Last Bullet	An all-hours number should be displayed at the site gate where members of the community can lodge complaints about inappropriate construction activities, such as excess dust. This Department is still of this opinion. Where do you complain if there is no after-hours number?
Page 22	Social Environment	Second Bullet	
Page 27	Social	Eleventh Bullet	
Page 17	Air Quality	Emissions Control: Last Bullet	Gas can be provided for cooking in designated areas in the presence of fire extinguishers. This Department is still of this opinion.
Page 17	Water Quality	Sanitation: Last Bullet	• Waste to be disposed of at a licenced WWTW. • A certificate of disposal must be obtained to prove legal disposal. • A Method Statement should be drafted for the management of chemical toilets. • Where is what you stated stipulated in the EMPr.
Page 18	Water Resources	Second Bullet	Potable water should not be used. This Department is still of this opinion.
Page 19	Biodiversity	Fourth Bullet	The Compliance and Enforcement Section of this Department will investigate the contravention of any legislation it has the mandate to enforce. This Department is still of this opinion. This is a standard Departmental monitoring strategy.
Page 19	Waste Management	Litter management: Second Last Bullet	~~They must be provided in the chemical toilets.~~
Page 19	Hazardous Waste	Second Bullet	~~Operate machinery in drip trays.~~
Page 21	Hazardous Material Storage	Second Bullet	This includes empty and full cement bags. This not stipulated in the EMPr.
Page 21	Fire Management	Second Last Bullet	This Department supports the specialists and agrees that no open fires should be allowed.

DEA Reference Number: 14/12/16/3/3/2/730

			Delete 'unless in a demarcated area identified by the ECO'.
Page 21	Fire Management	Last Bullet	Smoking should rather not be allowed. This Department is still of this opinion.
Page 25	Agriculture & Soils	First Bullet	
Page 22	Cultural and Heritage Artefacts	~~First Bullet~~	~~Mention that SAHRA is responsible for these issues in the Northern Cape.~~
Page 22	Cultural and Heritage Artefacts	Last Bullet	~~This sentence is incomplete.~~
Page 23	Rehabilitation	Last Bullet	~~Check bi-annually for AIS and remove and regeneration.~~
Page 24	Ecological	Fourteenth, Fifteenth and Eighteenth Bullets	These is supported. This Department is still of this opinion.
Page 24	Ecological	Last Bullet	~~Construction may only occur in terms of a General Authorization (if it applies) or a Water Use Licence.~~
Page 25	Agriculture & Soils	Fifth Bullet	~~The WEF should be a member of the local FPA.~~
Page 25	Agriculture & Soils	Seventh Bullet	The two sentences contradict each other. The Second Sentence should be deleted. The Second Sentence was not deleted.
Page 25	Agriculture & Soils	Sixteenth Bullet	~~Stockpiles should not exceed 1.5 m in height.~~
Page 25	Agriculture & Soils	Nineteenth Bullet	~~This a duplicate of the Fourteenth Bullet.~~
Page 26	Heritage	First Bullet	The buffer should preferably be 100 m. Please quote the guidelines in the text.
Page 28	Waste Management	First Bullet	~~A certificate of disposal must be obtained to prove legal disposal.~~
Page 30	Pollution	First Bullet	
Page 30	Dust	First Bullet	Activities that create dust must stop in high winds. Installation

DEA Reference Number: 14/12/16/3/3/2/730

			of an anemometer to indicate the wind speed that activities should stop is appropriate. • What is 'suitable monitoring'. Water is a scarce and valuable commodity in rural areas. The request is not to stop construction but to stop activities that create dust. • How costly is the installation of an anemometer in terms of the cost of constructing a wind farm? This is particularly relevant if it is an effective mitigation measure to control one of the most common, and often difficult to control, impacts of construction. • It can also be used to measure wind speed during the operational stage of the WEF.
Page 32	8.1 Open Space Management Plan	d.	Lids of receptacles must not be able to be opened by scavenging animals. The emphasis is on must.
Page 32	8.1 Open Space Management Plan	e.	~~Prerequisite permits must be issued by the appropriate authorities before any plants may be moved.~~
Page 32	8.1 Open Space Management Plan	g.	The Compliance and Enforcement Section of this Department will investigate the contravention of any legislation it has the mandate to enforce. This Department is still of this opinion. This is a standard Departmental monitoring strategy
Page 33	8.3 Faunal Relocation Plan	b.	
Page 33	8.1 Open Space Management Plan	i.	~~Delete 'are to be used' and 'if required' from the sentence~~.
Page 33	8.2 Watercourse and Wetland Management Plan	a.	~~Should 30 m not read 32 m? Does 'channel edge' imply watercourse?~~
Page 33	8.2 Watercourse and Wetland Management Plan	b.	~~Pre-development run-off must be at least the same as post-development run-off.~~
Page 33	8.3 Faunal Relocation Plan: 8.3.1 General Conditions	a.	~~Delete this Bullet as it is very unlikely that this will happen. Snakes move away from noise and disturbance. There are only a few poisonous snake species in the general area. They can be removed by an expert if necessary.~~
Page 33	8.3 Faunal Relocation Plan: 8.3.1 General Conditions	c.	~~An expert who holds a Competency Certificate to handle Dangerous and Venomous Reptiles should be contracted to remove any animals.~~

DEA Reference Number: 14/12/16/3/3/2/730

Page 33	8.3 Faunal Relocation Plan: 8.3.1 General Conditions	d.	~~Permits are required from this Department to move any animals. Permit conditions will stipulate the procedure required to take animals to a veterinarian, for example, notifying the Department when animals will returned to veld.~~
Page 33	8.3 Faunal Relocation Plan: 8.3.1 General Conditions	f.	The maximum speed on site should be 30 kph. This Department is still of this opinion.
Page 33	8.3 Faunal Relocation Plan: 8.3.1 General Conditions	g.	If nocturnal traffic is restricted to emergency vehicles, mortality to animals will be limited. This Department is still of this opinion.
Page 33	8.3 Faunal Relocation Plan: 8.3.1 General Conditions	i.	The Alien Invasive Species should be removed once the breeding season closes. This Department is still of this opinion.
Page 33	8.3 Faunal Relocation Plan: 8.3.2 Reptile Relocation	a.	Prerequisite permits must be issued by the appropriate authorities before any reptiles / mammals may be moved. This was not stipulated in the case of mammals.
Page 34	8.3.4 Mammal Location	b.	
Page 34	8.4 Floral Relocation Plan	First Paragraph: Last Sentence	This Department agrees that a nursery need not be established. This Department is still of this opinion.
Page 34	8.4 Floral Relocation Plan: 8.4.1 General Conditions	f.	~~The sentence should be rewritten to read: 'Any seed-bearing material collected should be planted as soon as possible after collection'.~~
Page 35	8.5 Site Clearing Plan: 8.5.1 Vegetation Clearing	c.	~~The sentence should read:' All alien invasive vegetation should be removed from site'.~~
Page 35	8.5 Site Clearing Plan: 8.5.1 Vegetation Clearing	e.	~~The sentence should read: 'All indigenous plant material removed from cleared areas that cannot be replanted shall be mulched.'~~
Page 35	8.5 Site Clearing Plan: 8.5.1 Vegetation Clearing	f.	The sentence should read: 'The use of herbicides is prohibited'. Replace 'prohibited' with 'is not supported by this Department'.
Page 36	Re-vegetation Procedures	2.	~~This should read 'Eastern Upper Karoo'.~~
Page 37	Plot preparation	3.	This is not entirely correct. For example, additional treatment by way of removal of AIS or addition organic fertilizer would be appropriate. Why was 3. deleted? It still applies in the context of the Department's comment.

DEA Reference Number: 14/12/16/3/3/2/730

Page 37	Plant Preparation		~~Delete the first three Paragraphs of Section as a nursery will not be established. Please refer to Section 8.4.~~
Page 37	Plant Preparation	Third Bullet	~~Delete this Paragraph of Section as a nursery will not be established.~~
Page 38	Landscaping techniques	Fourth Bullet	Sods should only be taken from areas that will be disturbed or cleared. Delete 'either from the near vicinity of the site from an area selected by the Site Engineer or ECO; or'. This was not updated as suggested.
Page 38	Landscaping techniques	Sixth Bullet	~~AIS should not be mulched and used on development sites.~~
Page 38	Landscaping techniques	Tenth Bullet	Please explain what is meant by this sentence. The sentence needs to be rewritten.
Page 38	Landscaping techniques	Twelfth Bullet	What aspects will be monitored? The Bullets are not linked as explained in your Response.
Page 38	Landscaping techniques	Fourteenth Bullet	• Is the figure 800 mm correct? • Water should not be potable. • This Department is still of this opinion.
Page 38	Landscaping techniques	Seventeenth Bullet	This Department does not support the use of herbicides, but only manual / mechanical methods to control AIS. This Department is still of this opinion.
Page 38	Landscaping techniques	Eighteenth and Nineteenth Bullets	They do not make sense in the context of this plan.
Page 38	Landscaping techniques	Last Bullet	It should be deleted.
Page 39	8.6.2 Weeds and Alien Vegetation	First Bullet	~~Delete 'woody' from the sentence.~~
Page 39	8.6.2 Weeds and Alien Vegetation	Third Bullet	~~• What is the rationale behind mowing the grass?~~ ~~• Where are the 'specified grassed areas'?~~ ~~• Natural succession will be disrupted by continual mowing. The rationale of rehabilitation is to encourage the original vegetation to re-colonize the site as far as possible.~~
Page 39	8.6.2 Weeds and Alien Vegetation	Fourth Bullet	~~The sentence should read: 'If during the establishment period alien invasive species or other non-indigenous plants are present .... hand'.~~
Page 39	8.6.2 Weeds and Alien Vegetation	Last Bullet: First Sub-bullet	~~• This does not make sense. Why 100m x 120m?~~ ~~• There is a legal requirement to remove Category 1a and 1b Alien and Invasive Species. Thus they cannot be left to~~

DEA Reference Number: 14/12/16/3/3/2/730

			~~be used as firewood.~~
Page 39	8.6.3 Soil Stabilisation & Stockpiling	First Bullet	~~Stockpiles should not to be closer than 100m from these areas. They should be parallel to the contour.~~
Page 39	8.6.3 Soil Stabilisation & Stockpiling	Second Bullet	~~What would be used to enrich topsoil? Only organic fertilizers should be used.~~
Page 39	8.6.3 Soil Stabilisation & Stockpiling	Fourth Bullet	Potable water should not be used. This Department is still of this opinion.
Page 39	8.6.3 Soil Stabilisation & Stockpiling	Sixth Bullet	• ~~The sentence should read: 'Topsoil **must** be stockpiled separately to subsoil for the final soil layer during rehabilitation'.~~ • ~~Soil layers must be compacted before re-vegetation to prevent subsidence.~~
Page 39	8.6.3 Soil Stabilisation & Stockpiling	Seventh Bullet	~~Delete 'as far as possible' from the sentence.~~
Page 39	8.6.3 Soil Stabilisation & Stockpiling	Ninth Bullet	~~Replace 'as soon as possible' with immediately.~~
Page 39	8.6.3 Soil Stabilisation & Stockpiling	Last Bullet	~~Replace 'actively managed' with implemented.~~
Page 40	8.7.1 Background and Legislative Framework	First Paragraph	• DEA should be approached to ascertain whether the AIS Regulations published in terms of NEMBA replace the CARA Regulations described here. • Was DEA consulted? • It is 1983 not '1983a'. • There is no Reference List in EMPr.
Page 41	8.7.1 Background and Legislative Framework	3. Maintenance control	~~By this stage all AIS should have been removed. Action should be to remove any regrowth.~~
Page 42	8.7.3 General Requirements	First Bullet	~~Black Wattle is the only species that can grow into a tree on site. Fell it as close to the ground as possible. Strip the bark into the ground to prevent coppicing. Herbicide treatment is thus not required.~~
Page 42	8.7.3 General Requirements	Second Bullet	~~There should be a no fire policy on the WEF site. Cuttings should thus not be burned.~~
Page 42	8.7.3 General Requirements	Fourth Bullet	~~• Is there such dense infestations of AIS that this may happen?~~ Any dense stands could be gradually thinned out to prevent

DEA Reference Number: 14/12/16/3/3/2/730

			soil being exposed to erosive forces.
Page 42	Mechanical Control Methods	First Paragraph	~~• The heading should read: Manual / Mechanical Control Methods.~~ ~~• Plants should not be burned.~~
Page 42	Chemical Control Methods		~~Their use is not supported.~~
Page 42 Page 43	8.8.1 Construction 8.8.2 Operational	a. i.	• It is preferable not to allow smoking. If it is allowed it must be in a designated area in the presence of a fire extinguisher. • What is 'this' that was stipulated throughout the EMPr. • This Department is still of this opinion.
Page 42 Page 43	8.8.1 Construction 8.8.2 Operational	d. a.	The WEF should be a member of the local Fire Protection Association. Specifically mention this under 8.8.1 (d) Construction.
Page 43	8.8.1 Construction	g.	A policy of no fires on site is supported.
Page 43	8.8.1 Construction	h.	~~It is presumed that it will be the Fire and Emergency Services of the nearest municipality.~~
Page 43	8.8.1 Construction	j.	~~Rephrase this to mean any hot work, such as welding.~~
Page 43	8.8.1 Construction	k.	~~Which municipality would this be?~~
Page 43	8.8.2 Operational	b. to f.	~~Working for Fire should be consulted for expertise in this regard.~~

DAYALAN GOVENDER
REGIONAL MANAGER: ENVIRONMENTAL AFFAIRS: CACADU REGION

DATE: 19/05/2016.

environmental affairs
Department:
Environmental Affairs
REPUBLIC OF SOUTH AFRICA

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DEA Reference: 14/12/16/3/3/2/730
Enquiries: Mr Herman Alberts
Telephone: (012) 399 9371 **E-mail:** HAlberts@environment_gov.za

Ms Caroline Evans
Coastal and Environmental Services
PO Box 8145
NAHOON
5210

Telephone number: (043) 726 7809
Email Address: c.evans@cesnet.co.za

PER EMAIL / MAIL

Dear Ms Evans

REJECTION OF THE ENVIRONMENTAL IMPACT ASSESSMENT REPORT FOR THE PROPOSED UMSOBOMVU WIND ENERGY FACILITY WITHIN THE INXUBA YETHEMBA LOCAL MUNICIPALITY IN THE EASTERN CAPE PROVINCE AND THE UMSOBOMVU LOCAL MUNICIPALITY IN THE NORTHERN CAPE PROVINCE

The Environmental Impact Report (EIAr) dated April 2016 for the abovementioned activity, which was submitted in terms of the requirement of the Environmental Impact Assessment (EIA) Regulations, 2010 refers.

Following a review of the application form received on 27 June 2014 and the EIAr dated April 2016, this Department rejects the EIAr in accordance with Regulation 34(1)(a) of the EIA Regulations, 2010. This Department requests that the EIAr be amended to include the following as a matter of urgency:

a) The application form must be amended to include the applicable listed activities and the activity description with its thresholds.
b) Please note that the Department's application form template has been amended and can be downloaded from the following link https://www.environment.gov.za/documents/forms.
c) In light of the above, this Department advises that the following listed activities and their relevant issues be addressed and assessed adequately:

GN R. 544: Item 10
"The construction of facilities or infrastructure for the transmission and distribution of electricity:
(i) Outside urban areas or industrial complexes with a capacity of more than 33 kilovolts but less than 275 kilovolts."

The activity description in the application form as well as the EIAr does not provide an indication of the powerline capacity and length. The Environmental Assessment Practitioner (EAP) is requested to include this in the amended application form and amended EIAr.

GN R. 544: Item 13:
"The construction of facilities or infrastructure for the storage, or for the storage and handling, of a dangerous good, where such storage occurs in containers with a combined capacity of more than 500 cubic metres."

It is requested that the EAP provide additional information detailing the specifications of the proposed dangerous goods, i.e. quantities, type of goods etc. as well as infrastructure to be used as storage on the facility. The amended EIAr must include an assessment of the impacts of the type and quantity of the dangerous goods as well as the identification of appropriate storage areas for these goods.

GN R.544 Item 18:
"The infilling or depositing of any material of more than 5 cubic metres into, or the dredging, excavation, removal or moving of soil, sand, shells, shell grit, pebbles or rock or more than 5 cubic metres from:
(i) a watercourse."

With regards to infilling and excavation of watercourses for the construction of the facility, this Department requires the applicant to provide an indication of the preferred and alternate locations from which the material used for infilling will be sourced and where excavated material will be stored and/or disposed of. In addition, the impacts associated with this activity must be adequately assessed in the EIAr. The EIAr must also provide an indication of how many cubic metres will be used and stored.

GN R. 546: Item 4:
"The construction of a road wider than 4 m with a reserve less than 13.5 m.
(a) In Eastern Cape and Northern Cape:
ii. All areas outside urban areas, in:
(bb) National Protected Area Expansion Strategy Focus Areas."

The activity description does not provide an indication of the threshold for the road. The EAP is requested to indicate the width of the road and provide an indication of where in the report this was assessed.

GN R.546 Item 13:
"The clearance of an area of 1 ha or more of vegetation where 75% or more of the vegetative cover constitutes indigenous vegetation.
(c) In the Northern Cape and Eastern Cape:
ii. Outside urban areas, the following:
(b) National Protected Area Expansion Strategy Focus Areas."

The activity description in the application form and EIAr does not provide an indication of the total area to be cleared. The EAP is requested to indicate the size of the area to be cleared and provide an indication of where in the report this was assessed.

GN R.546: Activity 14:
"The clearance of an area of 5 hectares or more of vegetation where 75% or more of the vegetation cover constitutes indigenous vegetation.
(a) In Eastern Cape and Northern Cape:
i. All areas outside urban areas."

The activity description in the application form and EIAr does not provide an indication of the total area to be cleared. The EAP is requested to indicate the size of the area to be cleared and provide an indication of where in the report this was assessed.

GN R.546: Activity 19:
"The widening of a road by more than 4 m, or the lengthening of a road by more than 1 km.
(a) In the Eastern Cape and Northern Cape:
ii. Outside urban areas, in:
(bb) National Protected Area Expansion Strategy Focus Areas."

The EAP is requested to confirm the applicable of this activity and provided the relevant activity description as it relates to the project. The relevant thresholds for the project must also be provided.

d) Following a review of the EIAr and application form, the following information is required:
   - An amended application form with an indication of all the 2010 listed activities that are still listed;
   - An indication of all the similarly listed 2014 activities;
   - An indication if there are any new 2014 activities that are listed;
   - An indication where in the report, all the 2014 activities have been assessed and mitigated for; and,
   - A letter/affidavit from the EAP indicating that the above is true and correct.

   This must form part of the EIAr as well as a separate document for ease of reference.
e) The application form must be amended to remove all the activities no longer triggered by the proposed development and to amend the activity description.
f) The amended EIAr must provide details of the proposed substations, including capacity and dimensions.
g) Please ensure that all mitigation measures proposed by the specialist reports are included in the EMPr to be submitted with the amended EIAr.
h) Coordinates for the proposed turbine positions, including proposed substations and power lines must be included in the amended EIAr.
i) The Public Participation Process must be in accordance with Regulation 54 to 57 of the GN R543 of EIA Regulations, 2010.
j) The EIAr must meet the requirements of this rejection letter and the requirements of Regulation 31 of the EIA Regulations, 2010.

Copies of the amended EIAr must be circulated to all key stakeholders, Organs of State and registered I&APs for a duration of 30 days for comment. The issues raised by I&APs must be addressed in a table format indicating the issue/concern raised and the EAP's response thereto and must include copies of the I&APs correspondence as well as a copy of this Department's rejection letter.

The EAP must provide proof that all registered I&APs have been notified of the availability of the amended EIAr. On receipt of the abovementioned information, this Department will reconsider the report in accordance with Regulation 30(1) of the EIA Regulations, 2010.

This Department further advises that according to Regulation 67 of the EIA Regulations, 2010, an application in terms of the EIA Regulations lapses if the applicant after having submitted the application fails for a period of **six (6)** months to comply with a requirement in terms of the EIA Regulations relating to the consideration of the application. As such, the amended EIAr must be submitted to this Department within six (06) months of the date of this correspondence.

You are hereby reminded of Section 24F of the National Environmental Management Act, Act No 107 of 1998, as amended, that no activity may commence prior to an Environmental Authorisation being granted by the Department.

Should you have any queries or wish to discuss the points raised above, please do not hesitate to contact the writer.

Yours faithfully

Mr Sabelo Malaza
Chief Director: Integrated Environmental Authorisations
Department of Environmental Affairs
Letter signed by: Mr Coenrad Agenbach
Designation: Deputy Director: Strategic Infrastructure Developments
Date: 28/06/2016

cc:	Mr L Dewavrin	InnoWind (Pty) Ltd	Tel: (041) 487 2418	Email: idewavrin@innowind.com
	Mr M Makosonke	ECDEDEAT	Tel: (045) 838 3981	Email: mncedisi.makosonke@deaet.ecape.gov.za
	Ms T Makaudi	NCDNCEA	Tel: (053) 807 7300	Email: amabunda@grand.ncape.gov.za

Coastal & Environmental Services

22nd August 2016

Dear Umsobomvu WEF Stakeholders and I&APs

RESPONSE TO DEA EIAr REJECTION LETTER AND SUMMARY OF AMENDED UMSOBOMVU WIND ENERGY FACILITY EIAr (DEA Reference: 14/12/16/3/3/2/730)

In accordance with the point (j) of the EIAr rejection letter and in accordance with the requirements of Section 54 (2) (b) (vi) of the Environmental Impact Assessment Regulations (2010) made in terms of section 24(5) of the National Environmental Management Act (Act No 107 of 1998) as amended in 2010, we are required to, "*give written notice to any organ of state having jurisdiction in respect of any aspect of the activity*". In accordance with this requirement, please find here-with a letter of notification for the start of the review period for the AMENDED Environmental Impact Assessment being carried out by EOH Coastal and Environmental Services in respect of the above-mentioned project.

InnoWind (Pty) Ltd is a South Africa based renewable energy generator that develops, finances, builds, operates and maintains commercial wind powered generation facilities. InnoWind is proposing to construct a Wind Energy Facility (WEF) to be developed between Middelburg (Eastern Cape) and Noupoort (Northern Cape) on the provincial border. The WEF will host 84 (decreased from 90 turbines in the application form) wind turbines, each generating between 3.3 megawatts (MW) of electricity, with total combined potential power output of approximately 277.2MW (increased from 140MW in the application form).

All Interested and Affected Parties are hereby notified of the availability of the AMENDED Environmental Impact Assessment Report for public review and comment. The review period is from **23rd August 2016 to 23rd September 2016**. The AMENDED Environmental Impact Assessment Report is available for review and comment at the following address:

- The EOH CES website at the following link : http://www.cesnet.co.za/umsobomvu.html

Please note that the following changes have been made to the report and associated application form:

- Decrease in number of turbines from 90 to 84 turbines
- Specification of turbine output from a range to 3.3MW per turbine
- Increase in facility output from 140MW to 277.2MW
- Comparison of 2010 environmental triggers and 2014 environmental triggers
- Additional detail regarding the powerlines
- Additional detail regarding the substations
- Additional detail regarding the connection process
- Additional detail regarding dangerous goods
- Additional detail regarding the construction of roads
- Additional detail regarding the clearance and rehabilitation which will take place

Please do not hesitate to contact me should you have any queries regarding the amendments to the Environmental Impact Assessment Report and the Application form.

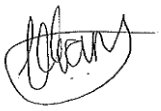
Coastal and Environmental Services (Pty) Ltd

tel: +27 46 622 2364 **| fax**: +27 46 622 6564

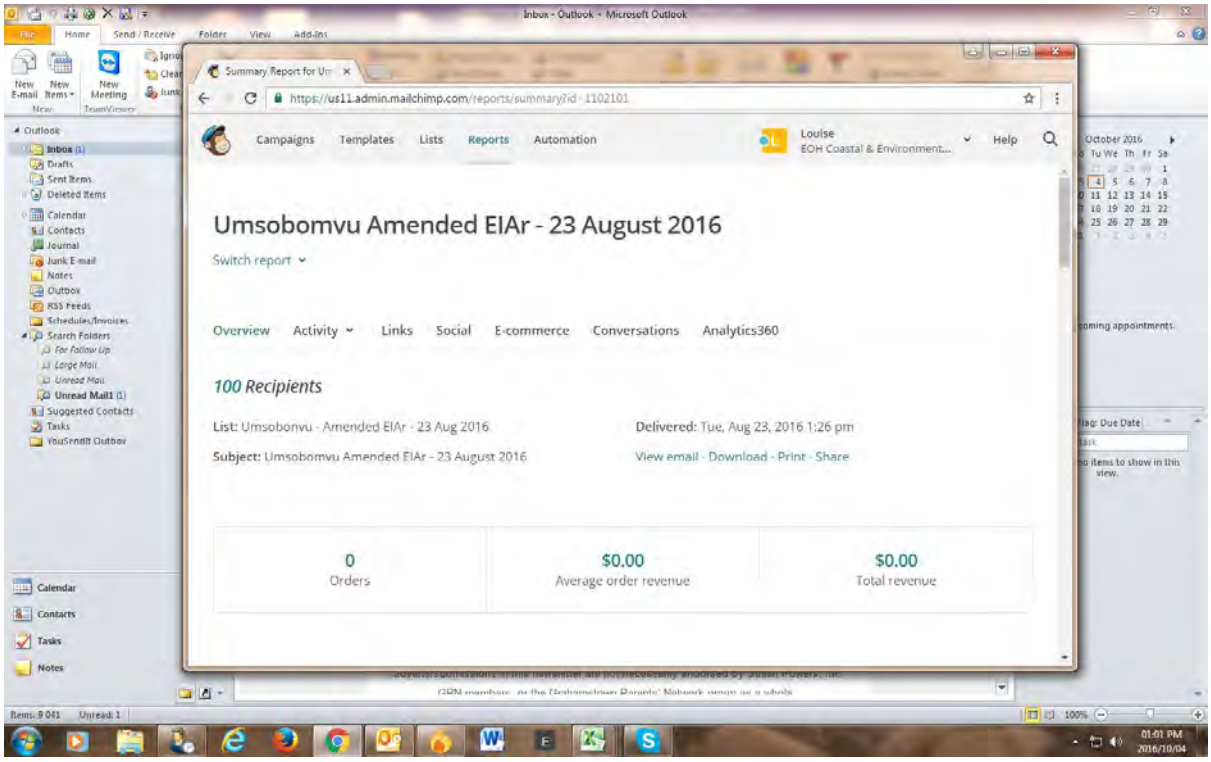
67 African Street, Grahamstown, 6139

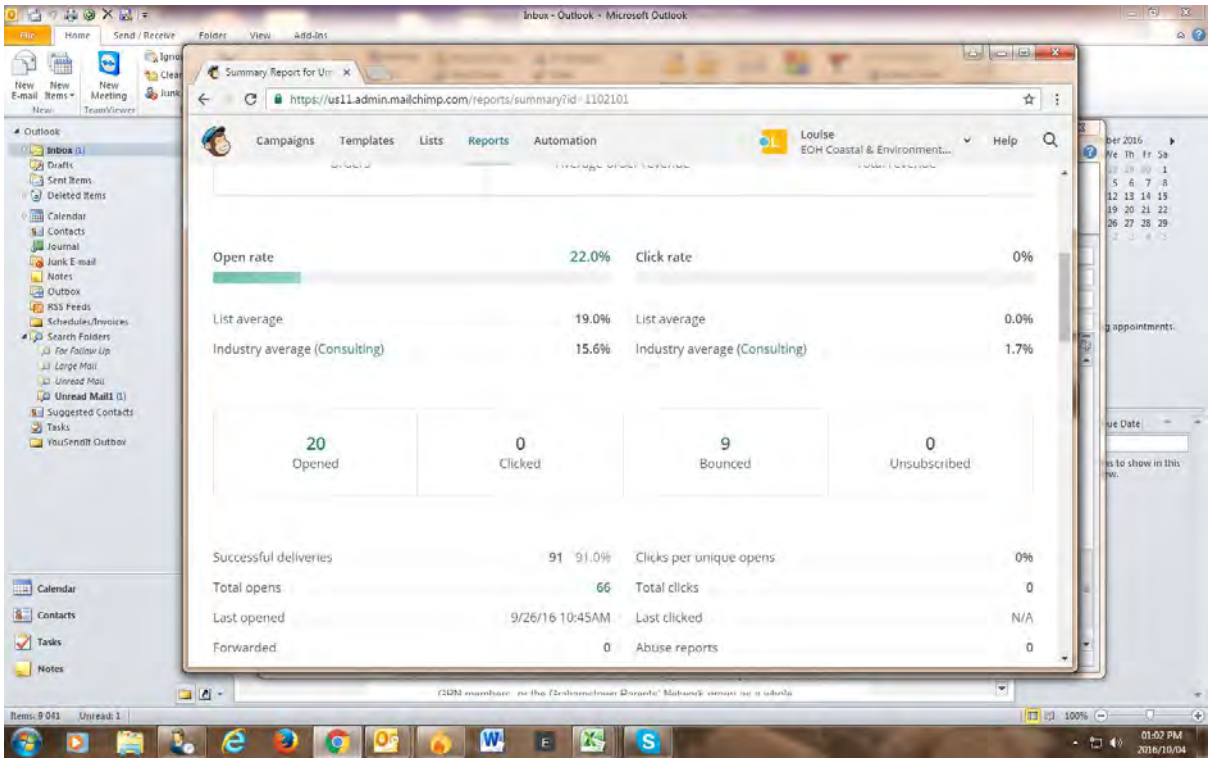
For all documentation related to this facility, please visit the Umsobomvu WEF public documents page at, http://www.cesnet.co.za/umsobomvu.html

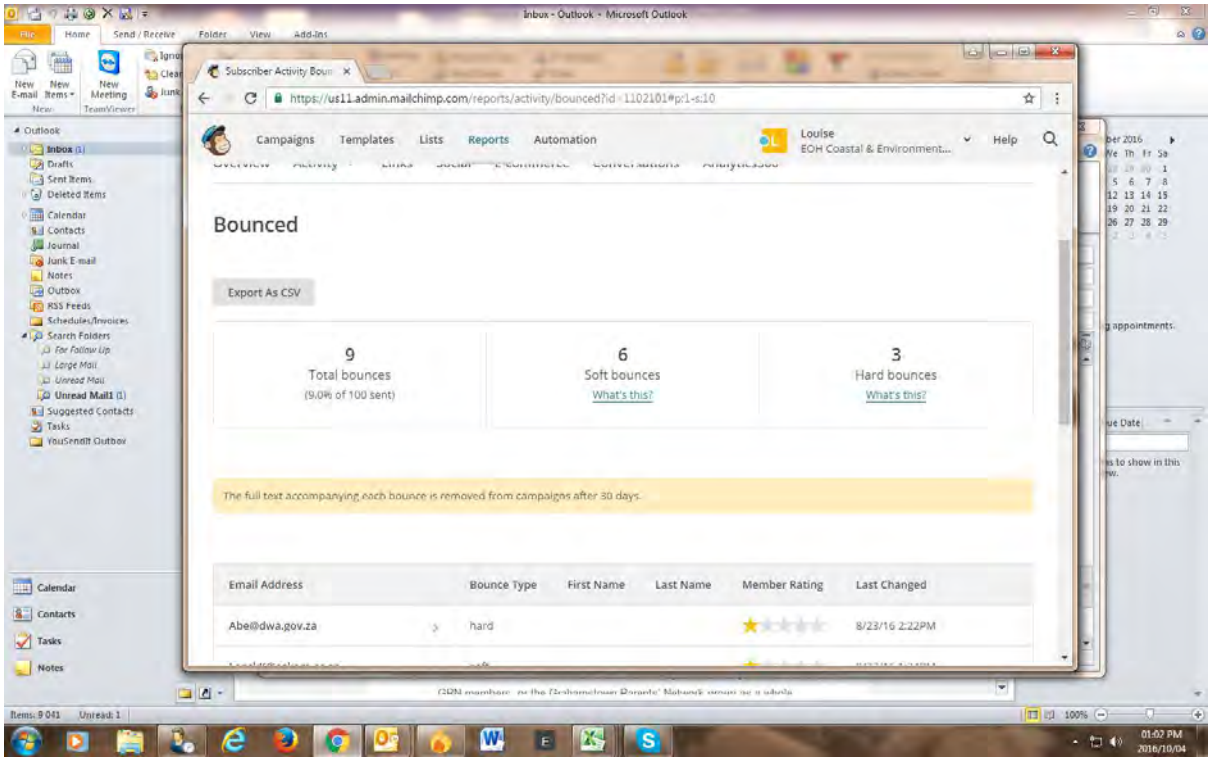
Kind regards,

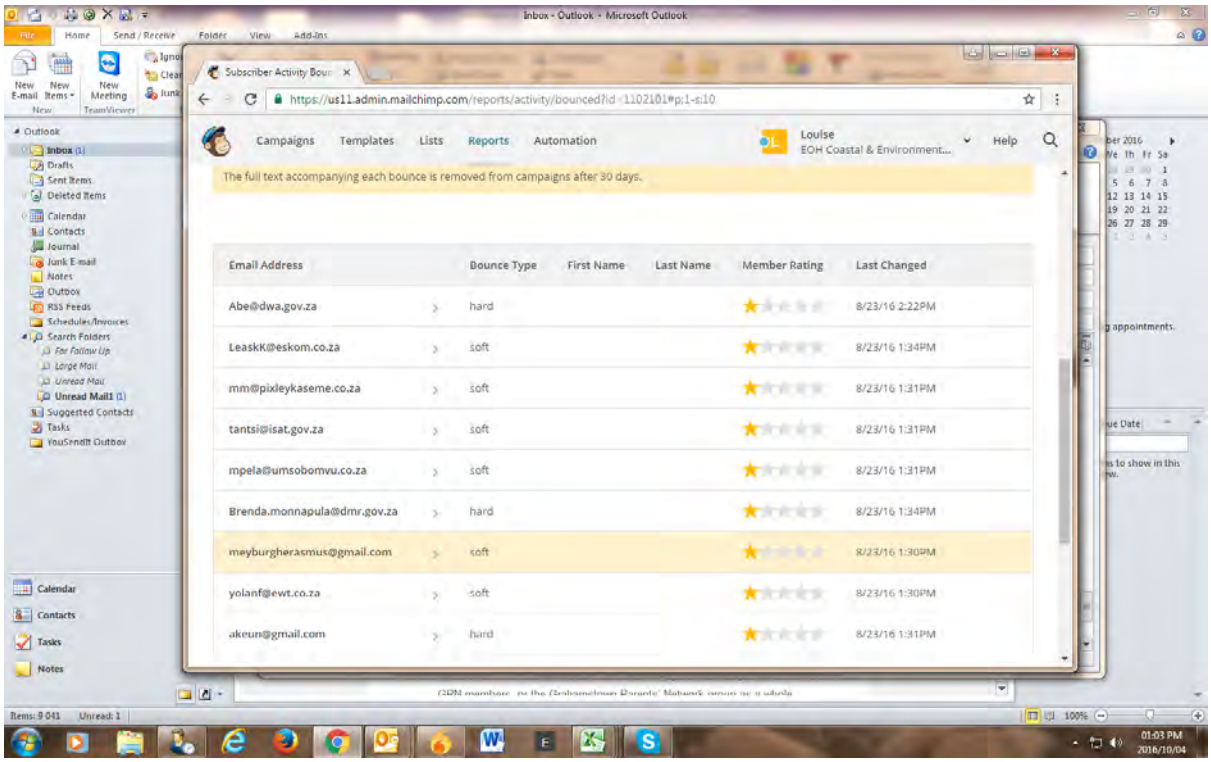


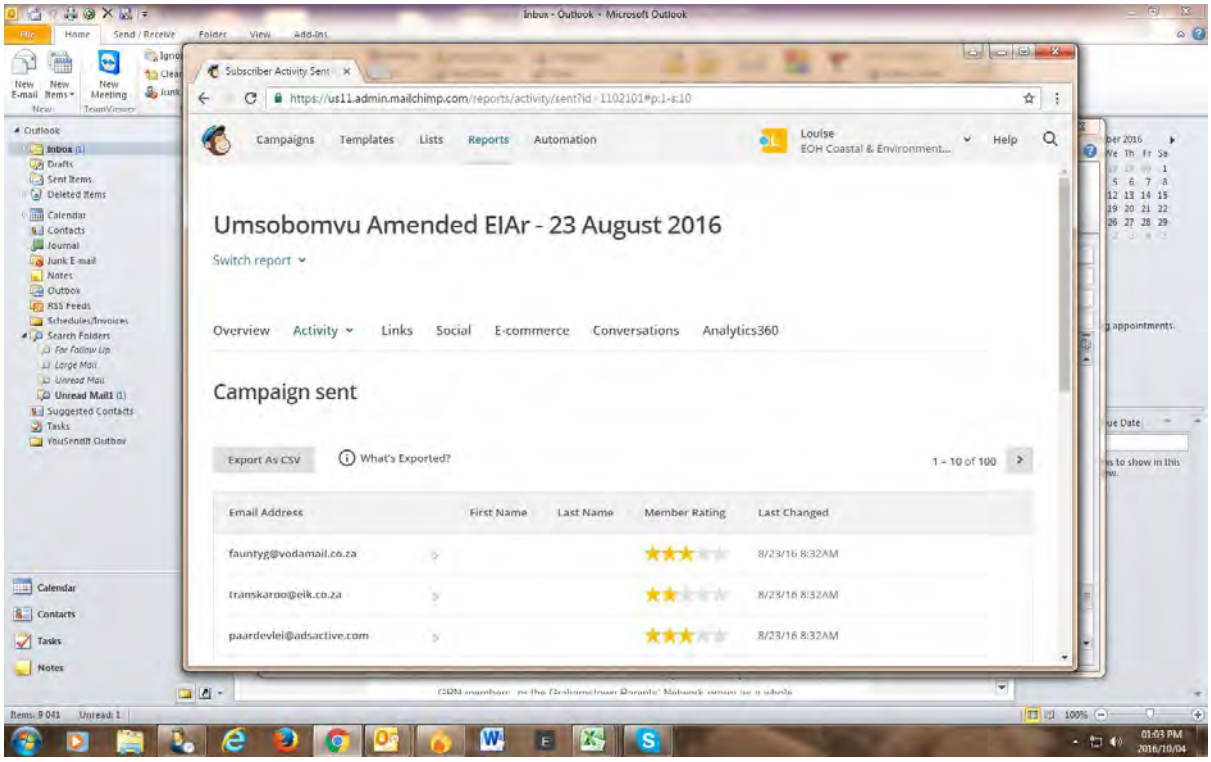
Caroline Evans
Project Manager
Senior Environmental Consultant, EOH Coastal and Environmental Services
Tel: 046 622 2364
Email: c.evans@cesnet.co.za


Inbox - Outlook - Microsoft Outlook
Summary Report for Um
https://us11.admin.mailchimp.com/reports/summary?id=1102101
Campaigns
Templates
Lists
Reports
Automation
Louise
EOH Coastal & Environment...
Help
Umsobomvu Amended EIAr - 23 August 2016
Switch report
Overview
Activity
Links
Social
E-commerce
Conversations
Analytics360
100 Recipients
List: Umsobomvu - Amended EIAr - 23 Aug 2016
Delivered: Tue, Aug 23, 2016 1:26 pm
Subject: Umsobomvu Amended EIAr - 23 August 2016
View email - Download - Print - Share
0
Orders
$0.00
Average order revenue
$0.00
Total revenue


Inbox - Outlook - Microsoft Outlook
Summary Report for Um
https://us11.admin.mailchimp.com/reports/summary?id=1102101
Campaigns
Templates
Lists
Reports
Automation
Louise
EOH Coastal & Environment...
Help
Open rate
22.0%
Click rate
0%
List average
19.0%
List average
0.0%
Industry average (Consulting)
15.6%
Industry average (Consulting)
1.7%
20
Opened
0
Clicked
9
Bounced
0
Unsubscribed
Successful deliveries
91 91.0%
Clicks per unique opens
0%
Total opens
66
Total clicks
0
Last opened
9/26/16 10:45AM
Last clicked
N/A
Forwarded
0
Abuse reports
0


Inbox - Outlook - Microsoft Outlook
Subscriber Activity Bour
https://us11.admin.mailchimp.com/reports/activity/bounced?id=1102101#p:1-s:10
Campaigns
Templates
Lists
Reports
Automation
Louise
EOH Coastal & Environment...
Help
Bounced
Export As CSV
9
Total bounces
(9.0% of 100 sent)
6
Soft bounces
What's this?
3
Hard bounces
What's this?
The full text accompanying each bounce is removed from campaigns after 30 days.
Email Address
Bounce Type
First Name
Last Name
Member Rating
Last Changed
Abe@dwa.gov.za
hard
8/23/16 2:22PM


Inbox - Outlook - Microsoft Outlook
Subscriber Activity Bour
https://us11.admin.mailchimp.com/reports/activity/bounced?id=1102101#p:1-s:10
Campaigns
Templates
Lists
Reports
Automation
Louise
EOH Coastal & Environment...
Help
The full text accompanying each bounce is removed from campaigns after 30 days.
Email Address
Bounce Type
First Name
Last Name
Member Rating
Last Changed
Abe@dwa.gov.za
hard
8/23/16 2:22PM
LeaskK@eskom.co.za
soft
8/23/16 1:34PM
mm@pixleykaseme.co.za
soft
8/23/16 1:31PM
tantsi@isat.gov.za
soft
8/23/16 1:31PM
mpela@umsobomvu.co.za
soft
8/23/16 1:31PM
Brenda.monnapula@dmr.gov.za
hard
8/23/16 1:34PM
meyburgherasmus@gmail.com
soft
8/23/16 1:30PM
yolanf@ewt.co.za
soft
8/23/16 1:30PM
akeun@gmail.com
hard
8/23/16 1:31PM


Inbox - Outlook - Microsoft Outlook
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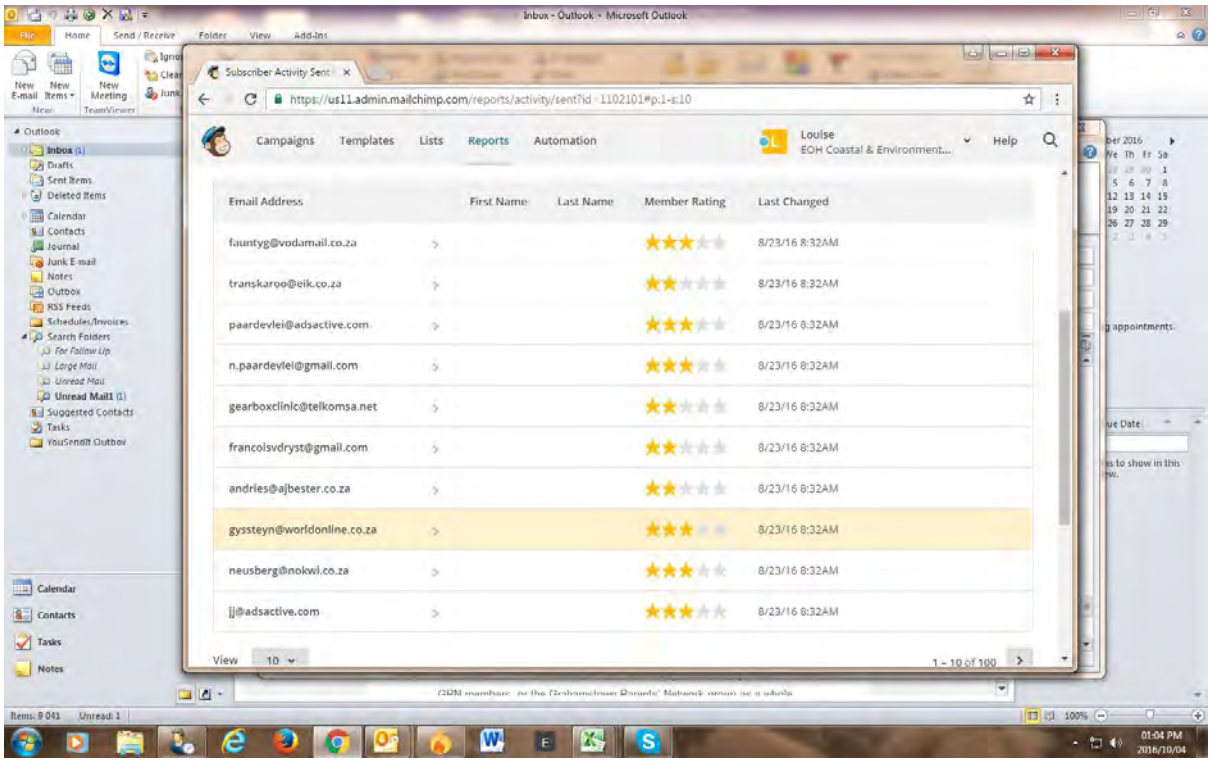
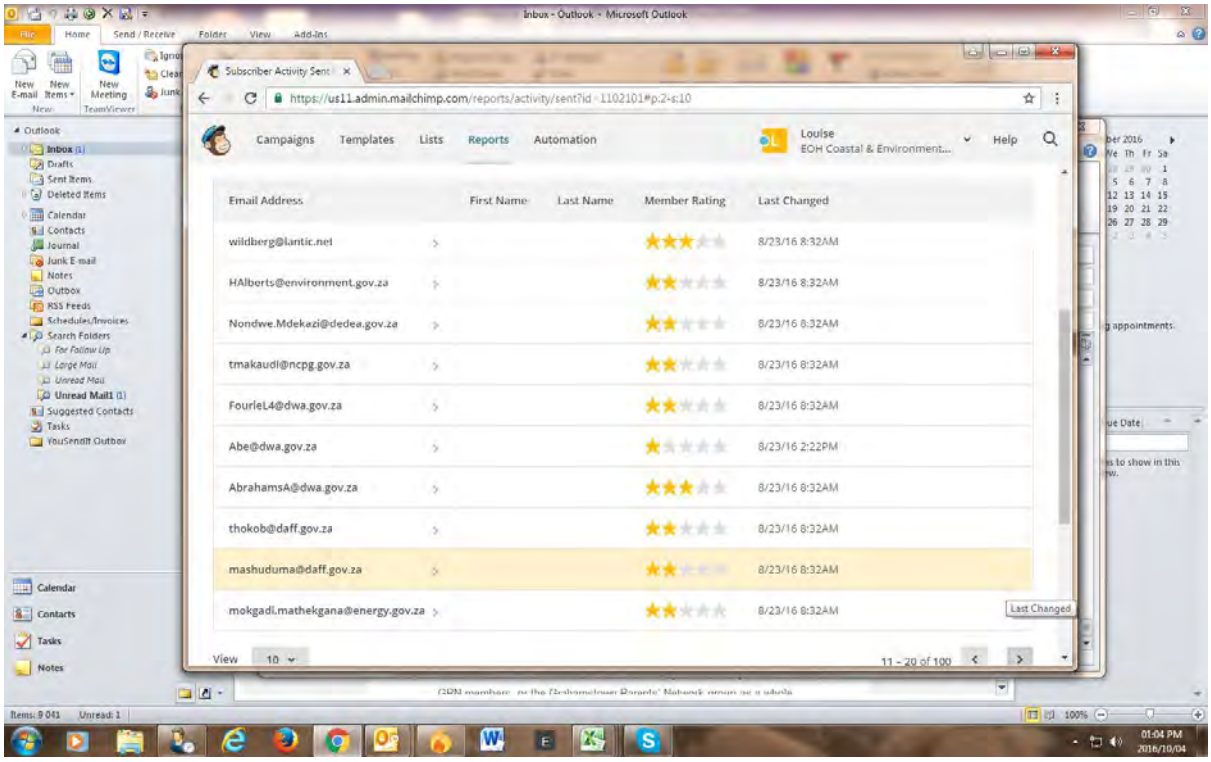
Campaigns
Templates
Lists
Reports
Automation
Louise
EOH Coastal & Environment...
Help
Umsobomvu Amended EIAr - 23 August 2016
Switch report
Overview
Activity
Links
Social
E-commerce
Conversations
Analytics360
Campaign sent
Export As CSV
What's Exported?
1 - 10 of 100
Email Address
First Name
Last Name
Member Rating
Last Changed
fauntyg@vodamail.co.za
8/23/16 8:32AM
transkaroo@eik.co.za
8/23/16 8:32AM
paardevlei@adsactive.com
8/23/16 8:32AM


Inbox - Outlook - Microsoft Outlook
Subscriber Activity Sent
https://us11.admin.mailchimp.com/reports/activity/sent?id=1102101#p:1-s:10
Campaigns
Templates
Lists
Reports
Automation
Louise
EOH Coastal & Environment...
Help
Email Address
First Name
Last Name
Member Rating
Last Changed
fauntyg@vodamail.co.za
8/23/16 8:32AM
transkaroo@eik.co.za
8/23/16 8:32AM
paardevlei@adsactive.com
8/23/16 8:32AM
n.paardevlei@gmail.com
8/23/16 8:32AM
gearboxclinic@telkomsa.net
8/23/16 8:32AM
francolsvdryst@gmail.com
8/23/16 8:32AM
andries@ajbester.co.za
8/23/16 8:32AM
gyssteyn@worldonline.co.za
8/23/16 8:32AM
neusberg@nokwi.co.za
8/23/16 8:32AM
jj@adsactive.com
8/23/16 8:32AM
View
10
1 - 10 of 100


Inbox - Outlook - Microsoft Outlook
Subscriber Activity Sent
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Campaigns
Templates
Lists
Reports
Automation
Louise
EOH Coastal & Environment...
Help
Email Address
First Name
Last Name
Member Rating
Last Changed
wildberg@lantic.net
8/23/16 8:32AM
HAlberts@environment.gov.za
8/23/16 8:32AM
Nondwe.Mdekazi@dedea.gov.za
8/23/16 8:32AM
tmakaudi@ncpg.gov.za
8/23/16 8:32AM
FourleL4@dwa.gov.za
8/23/16 8:32AM
Abe@dwa.gov.za
8/23/16 2:22PM
AbrahamsA@dwa.gov.za
8/23/16 8:32AM
thokob@daff.gov.za
8/23/16 8:32AM
mashuduma@daff.gov.za
8/23/16 8:32AM
mokgadi.mathekgana@energy.gov.za
8/23/16 8:32AM
Last Changed
View
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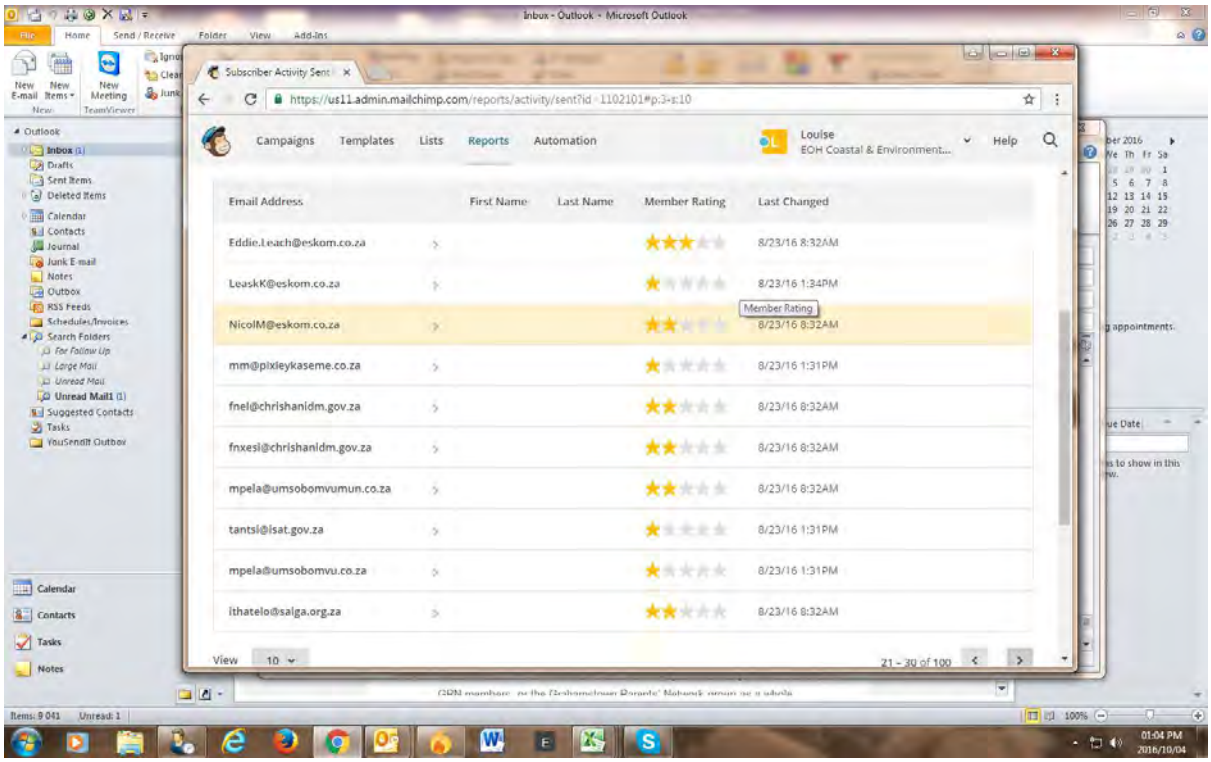
11 - 20 of 100


Inbox - Outlook - Microsoft Outlook
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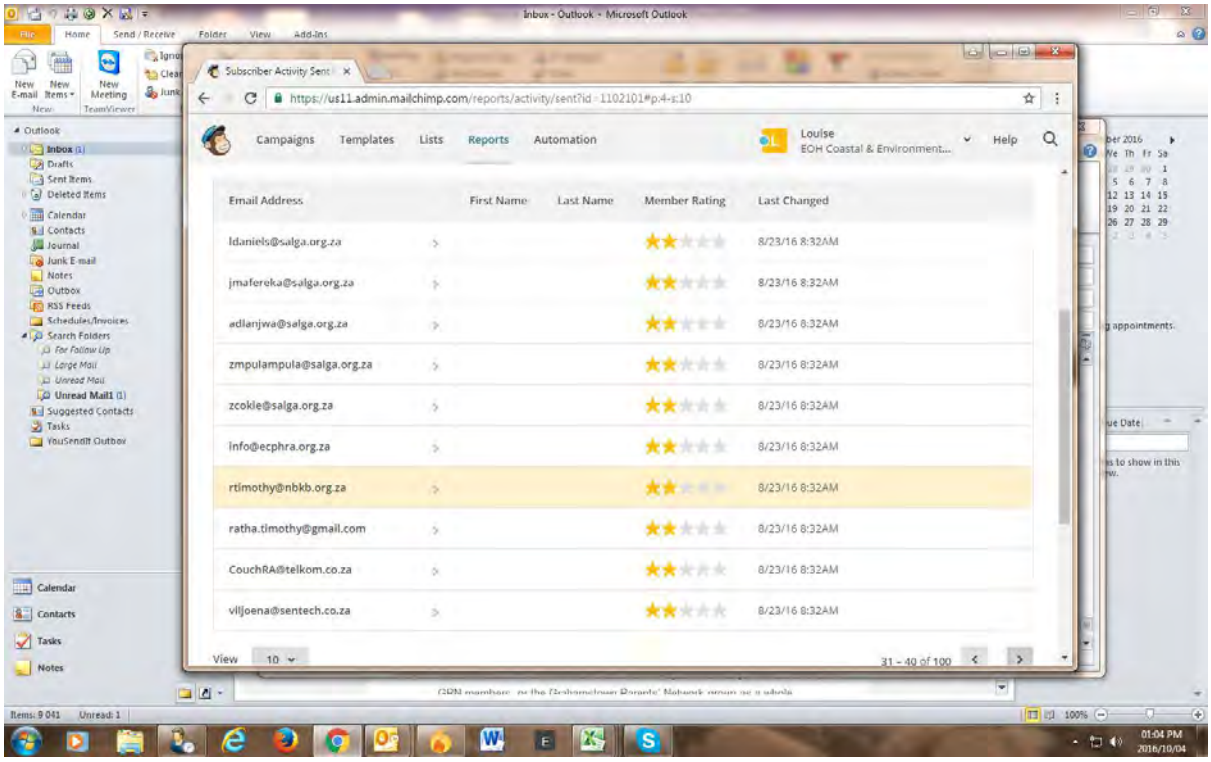
Campaigns
Templates
Lists
Reports
Automation
Louise
EOH Coastal & Environment...
Help
Email Address
First Name
Last Name
Member Rating
Last Changed
Eddie.Leach@eskom.co.za
8/23/16 8:32AM
LeaskK@eskom.co.za
8/23/16 1:34PM
NicolM@eskom.co.za
8/23/16 8:32AM
Member Rating
mm@pixleykaseme.co.za
8/23/16 1:31PM
fnel@chrishanidm.gov.za
8/23/16 8:32AM
fnxesi@chrishanidm.gov.za
8/23/16 8:32AM
mpela@umsobomvumun.co.za
8/23/16 8:32AM
tantsi@isat.gov.za
8/23/16 1:31PM
mpela@umsobomvu.co.za
8/23/16 1:31PM
ithatelo@salga.org.za
8/23/16 8:32AM
View
10
21 - 30 of 100


Inbox - Outlook - Microsoft Outlook
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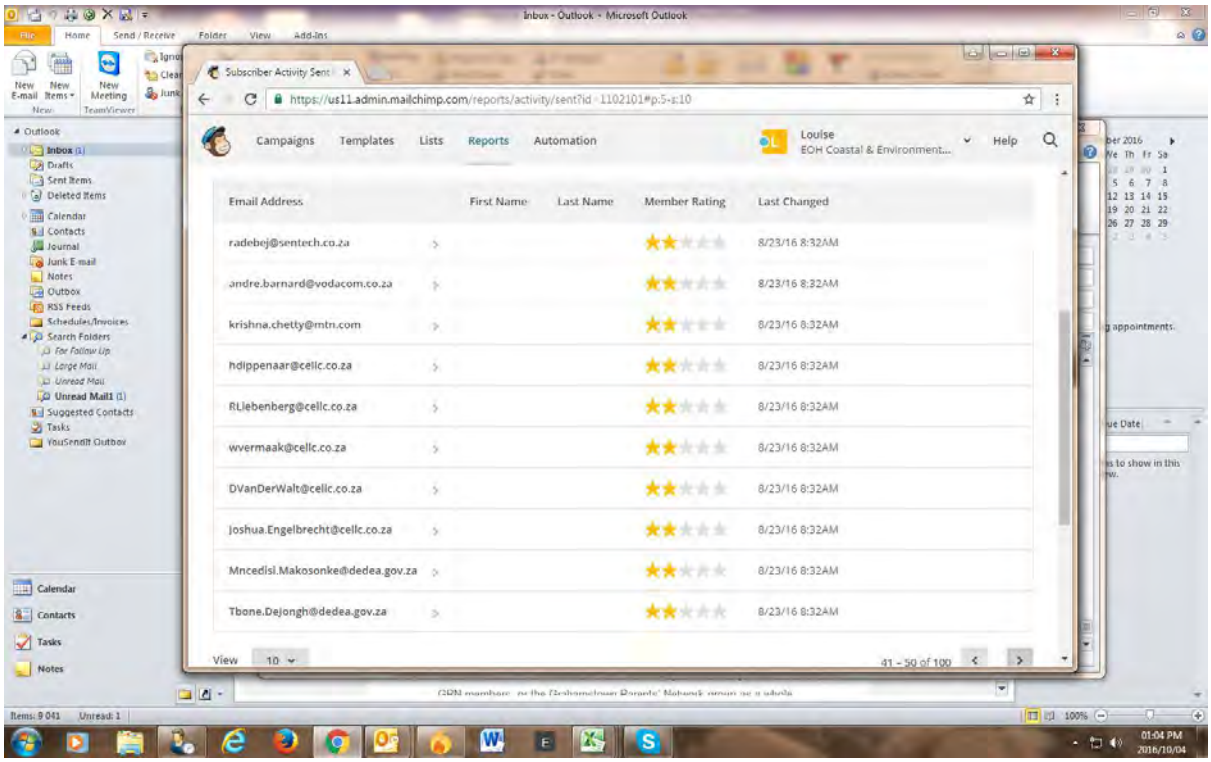
Campaigns
Templates
Lists
Reports
Automation
Louise
EOH Coastal & Environment...
Help
Email Address
First Name
Last Name
Member Rating
Last Changed
ldaniels@salga.org.za 8/23/16 8:32AM
jmafereka@salga.org.za 8/23/16 8:32AM
adlanjwa@salga.org.za 8/23/16 8:32AM
zmpulampula@salga.org.za 8/23/16 8:32AM
zcokle@salga.org.za 8/23/16 8:32AM
info@ecphra.org.za 8/23/16 8:32AM
rtimothy@nbkb.org.za 8/23/16 8:32AM
ratha.timothy@gmail.com 8/23/16 8:32AM
CouchRA@telkom.co.za 8/23/16 8:32AM
vljoena@sentech.co.za 8/23/16 8:32AM
View 10
31 - 40 of 100


Inbox - Outlook - Microsoft Outlook
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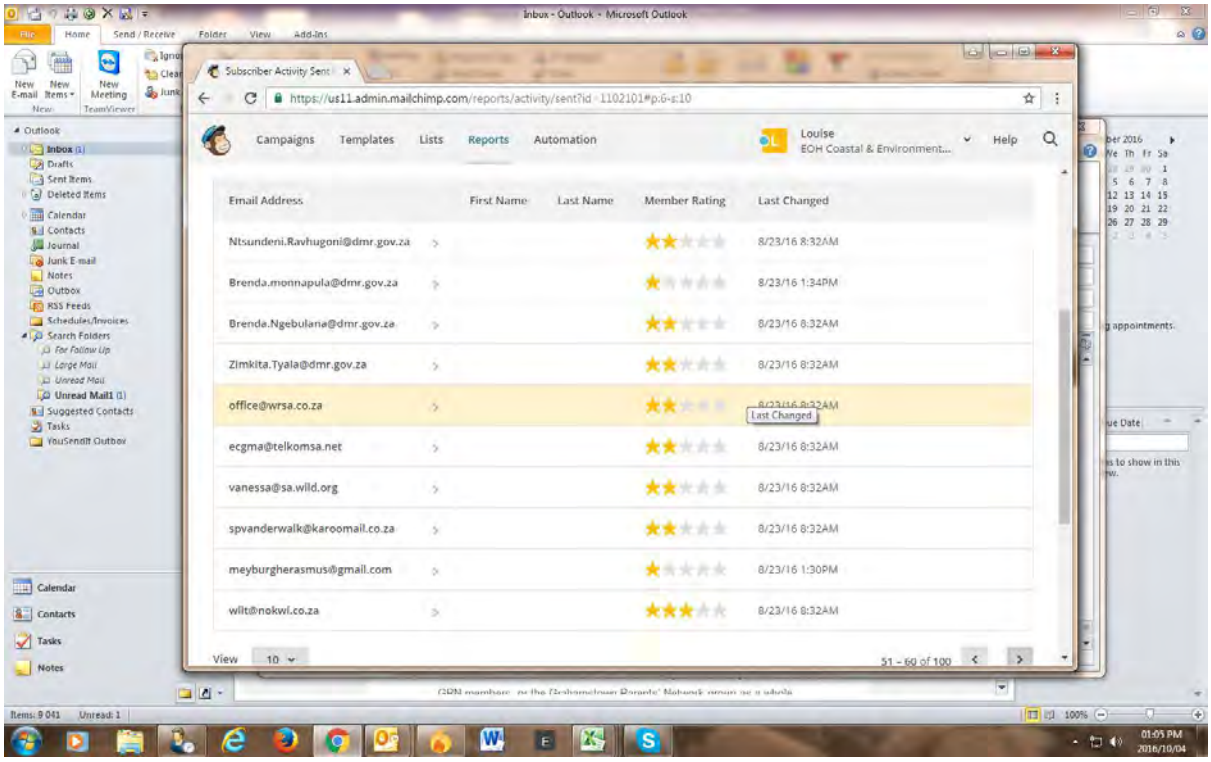
Campaigns
Templates
Lists
Reports
Automation
Louise
EOH Coastal & Environment...
Help
Email Address
First Name
Last Name
Member Rating
Last Changed
radebej@sentech.co.za 8/23/16 8:32AM
andre.barnard@vodacom.co.za 8/23/16 8:32AM
krishna.chetty@mtn.com 8/23/16 8:32AM
hdippenaar@cellc.co.za 8/23/16 8:32AM
RLiebenberg@cellc.co.za 8/23/16 8:32AM
wvermaak@cellc.co.za 8/23/16 8:32AM
DVanDerWalt@cellc.co.za 8/23/16 8:32AM
joshua.Engelbrecht@cellc.co.za 8/23/16 8:32AM
Mncedisi.Makosonke@dedea.gov.za 8/23/16 8:32AM
Tbone.Dejongh@dedea.gov.za 8/23/16 8:32AM
View 10
41 - 50 of 100


Inbox - Outlook - Microsoft Outlook
Subscriber Activity Sent
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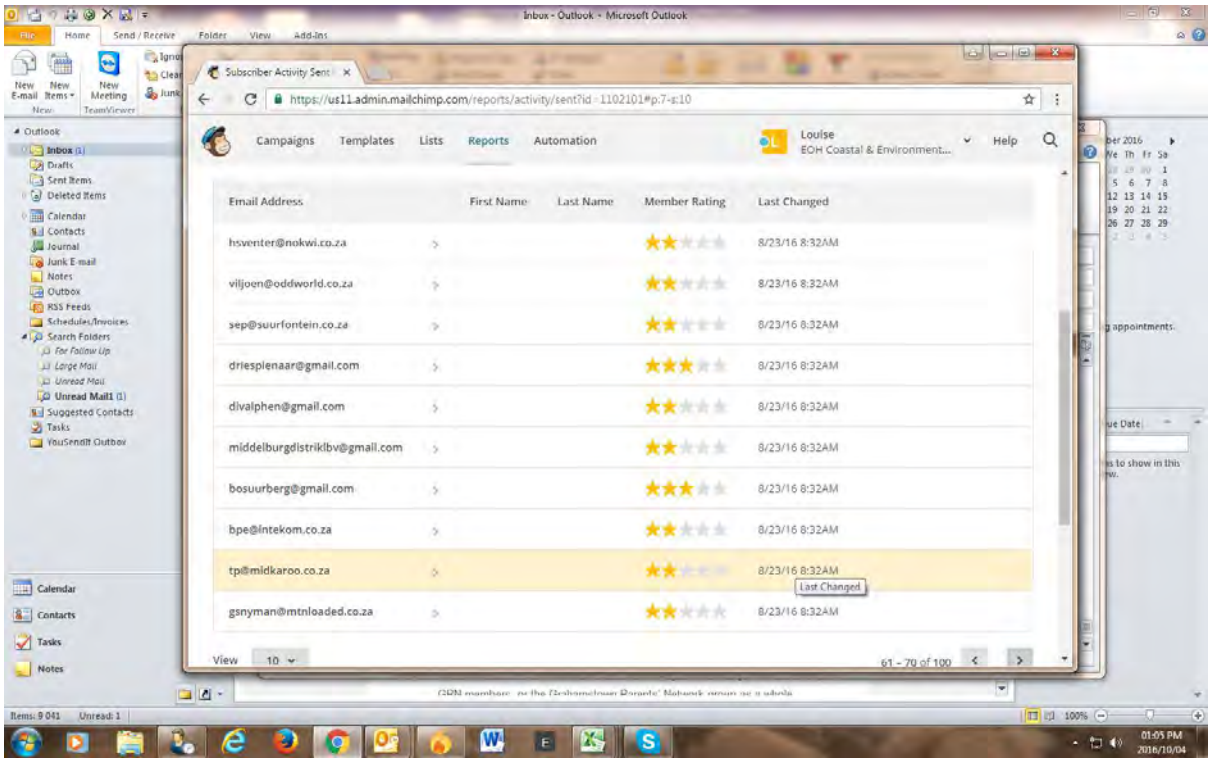
Campaigns
Templates
Lists
Reports
Automation
Louise
EOH Coastal & Environment...
Help
Email Address
First Name
Last Name
Member Rating
Last Changed
Ntsundeni.Ravhugoni@dmr.gov.za 8/23/16 8:32AM
Brenda.monnapula@dmr.gov.za 8/23/16 1:34PM
Brenda.Ngebulana@dmr.gov.za 8/23/16 8:32AM
Zimkita.Tyala@dmr.gov.za 8/23/16 8:32AM
office@wrsa.co.za
Last Changed
ecgma@telkomsa.net 8/23/16 8:32AM
vanessa@sa.wild.org 8/23/16 8:32AM
spvanderwalk@karoomail.co.za 8/23/16 8:32AM
meyburgherasmus@gmail.com 8/23/16 1:30PM
wilt@nokwi.co.za 8/23/16 8:32AM
View 10
51 - 60 of 100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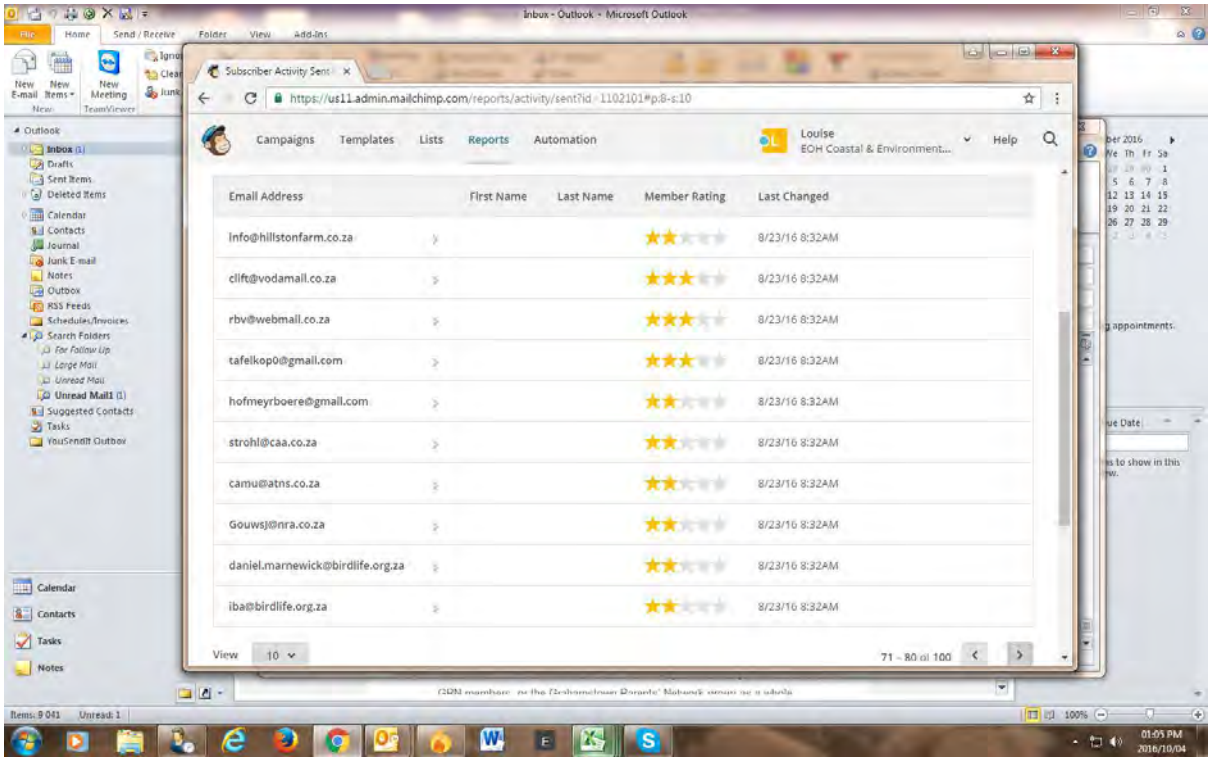
Campaigns
Templates
Lists
Reports
Automation
Louise
EOH Coastal & Environment...
Help
Email Address
First Name
Last Name
Member Rating
Last Changed
hsventer@nokwi.co.za 8/23/16 8:32AM
viljoen@oddworld.co.za 8/23/16 8:32AM
sep@suurfontein.co.za 8/23/16 8:32AM
driesplenaar@gmail.com 8/23/16 8:32AM
divalphen@gmail.com 8/23/16 8:32AM
middelburgdistriklbv@gmail.com 8/23/16 8:32AM
bosuurberg@gmail.com 8/23/16 8:32AM
bpe@intekom.co.za 8/23/16 8:32AM
tp@midkaroo.co.za 8/23/16 8:32AM
Last Changed
gsnyman@mtnloaded.co.za 8/23/16 8:32AM
View 10
61 - 70 of 100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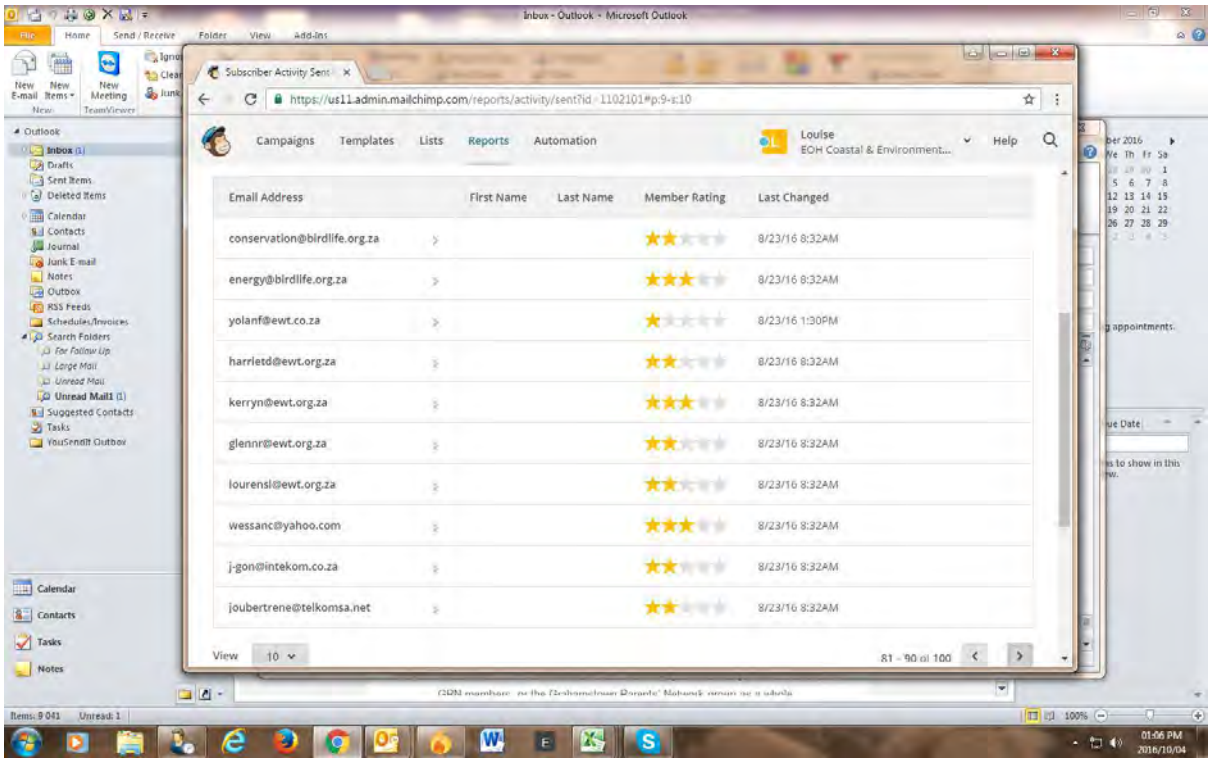
Campaigns
Templates
Lists
Reports
Automation
Louise
EOH Coastal & Environment...
Help
Email Address
First Name
Last Name
Member Rating
Last Changed
Info@hillstonfarm.co.za 8/23/16 8:32AM
clift@vodamail.co.za 8/23/16 8:32AM
rbv@webmail.co.za 8/23/16 8:32AM
tafelkop0@gmail.com 8/23/16 8:32AM
hofmeyrboere@gmail.com 8/23/16 8:32AM
strohl@caa.co.za 8/23/16 8:32AM
camu@atns.co.za 8/23/16 8:32AM
Gouwsj@nra.co.za 8/23/16 8:32AM
daniel.marnewick@birdlife.org.za 8/23/16 8:32AM
iba@birdlife.org.za 8/23/16 8:32AM
View 10
71 - 80 of 100


Inbox - Outlook - Microsoft Outlook
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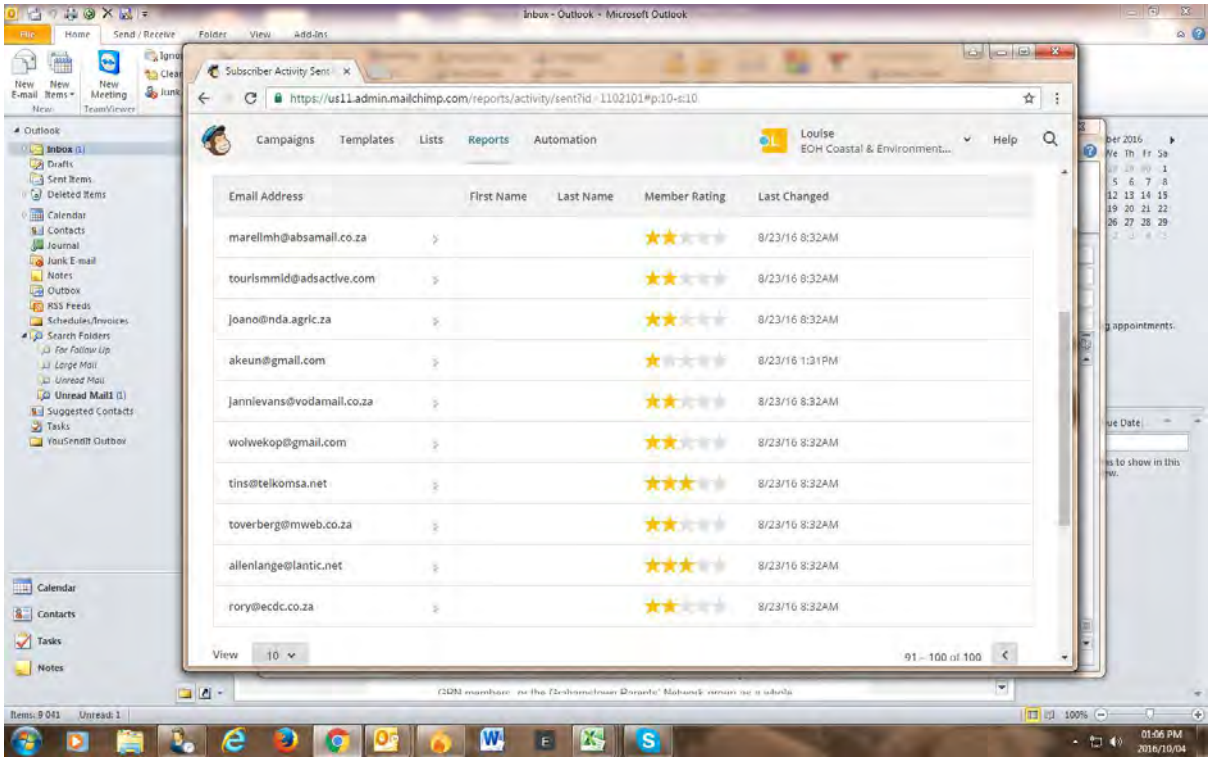
Campaigns
Templates
Lists
Reports
Automation
Louise
EOH Coastal & Environment...
Help
Email Address
First Name
Last Name
Member Rating
Last Changed
conservation@birdlife.org.za 8/23/16 8:32AM
energy@birdlife.org.za 8/23/16 8:32AM
yolanf@ewt.co.za 8/23/16 1:30PM
harrietd@ewt.org.za 8/23/16 8:32AM
kerryn@ewt.org.za 8/23/16 8:32AM
glennr@ewt.org.za 8/23/16 8:32AM
lourensl@ewt.org.za 8/23/16 8:32AM
wessanc@yahoo.com 8/23/16 8:32AM
j-gon@intekom.co.za 8/23/16 8:32AM
joubertrene@telkomsa.net 8/23/16 8:32AM
View 10
81 - 90 of 100


Inbox - Outlook - Microsoft Outlook
Subscriber Activity Sent
https://us11.admin.mailchimp.com/reports/activity/sent?id=1102101#p:10-c:10
Campaigns
Templates
Lists
Reports
Automation
Louise
EOH Coastal & Environment...
Help
Email Address
First Name
Last Name
Member Rating
Last Changed
marellmh@absamail.co.za
8/23/16 8:32AM
tourismmld@adsactive.com
8/23/16 8:32AM
joano@nda.agric.za
8/23/16 8:32AM
akeun@gmail.com
8/23/16 1:31PM
jannievans@vodamail.co.za
8/23/16 8:32AM
wolwekop@gmail.com
8/23/16 8:32AM
tins@telkomsa.net
8/23/16 8:32AM
toverberg@mweb.co.za
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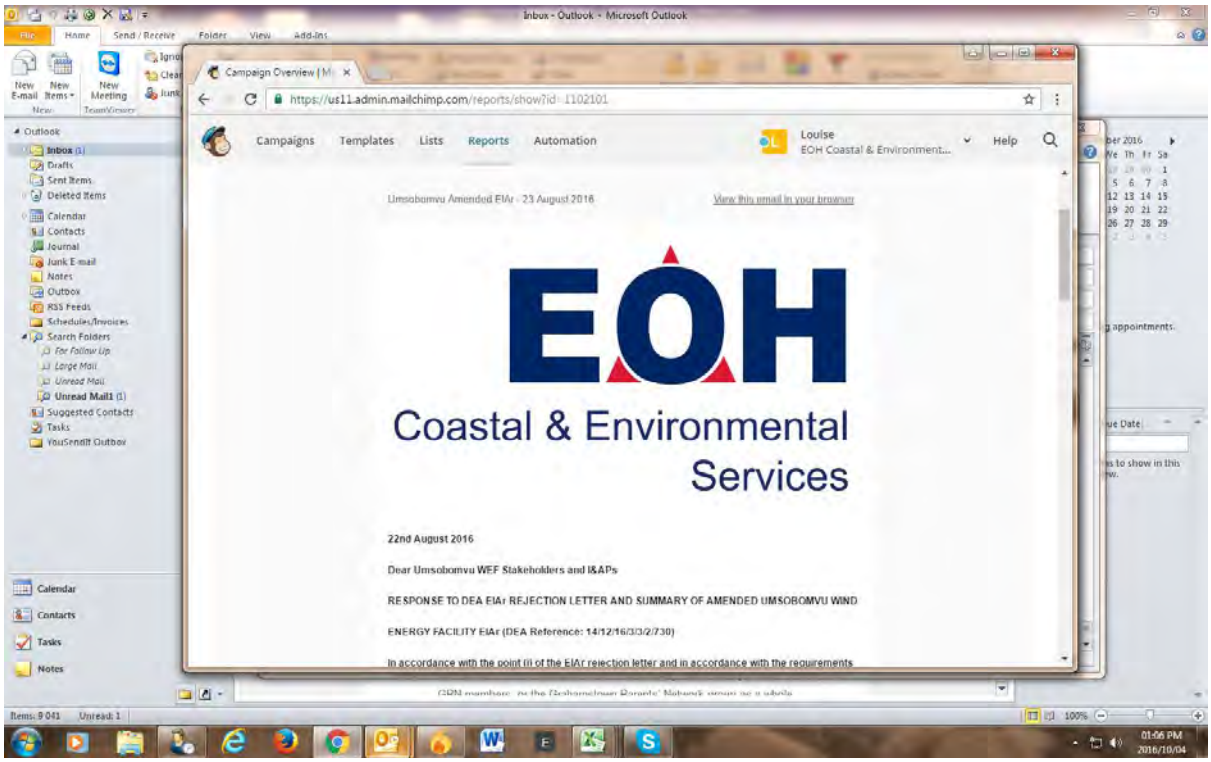
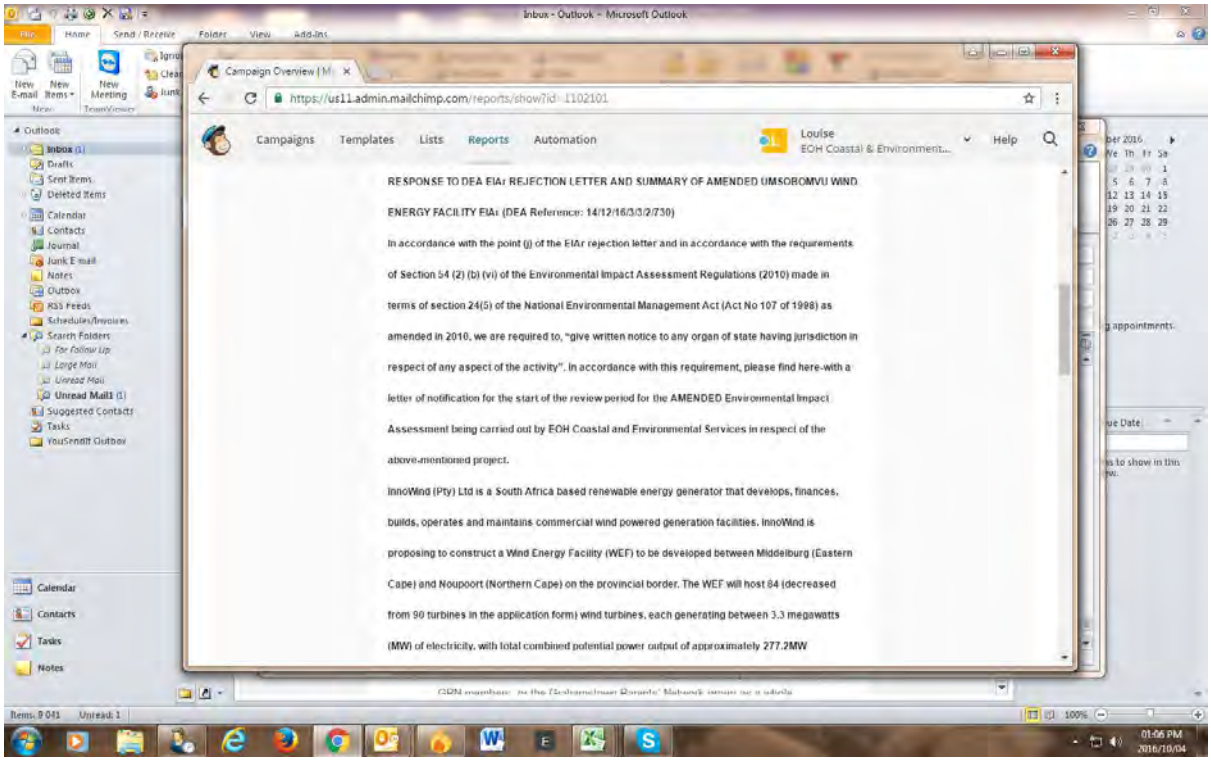
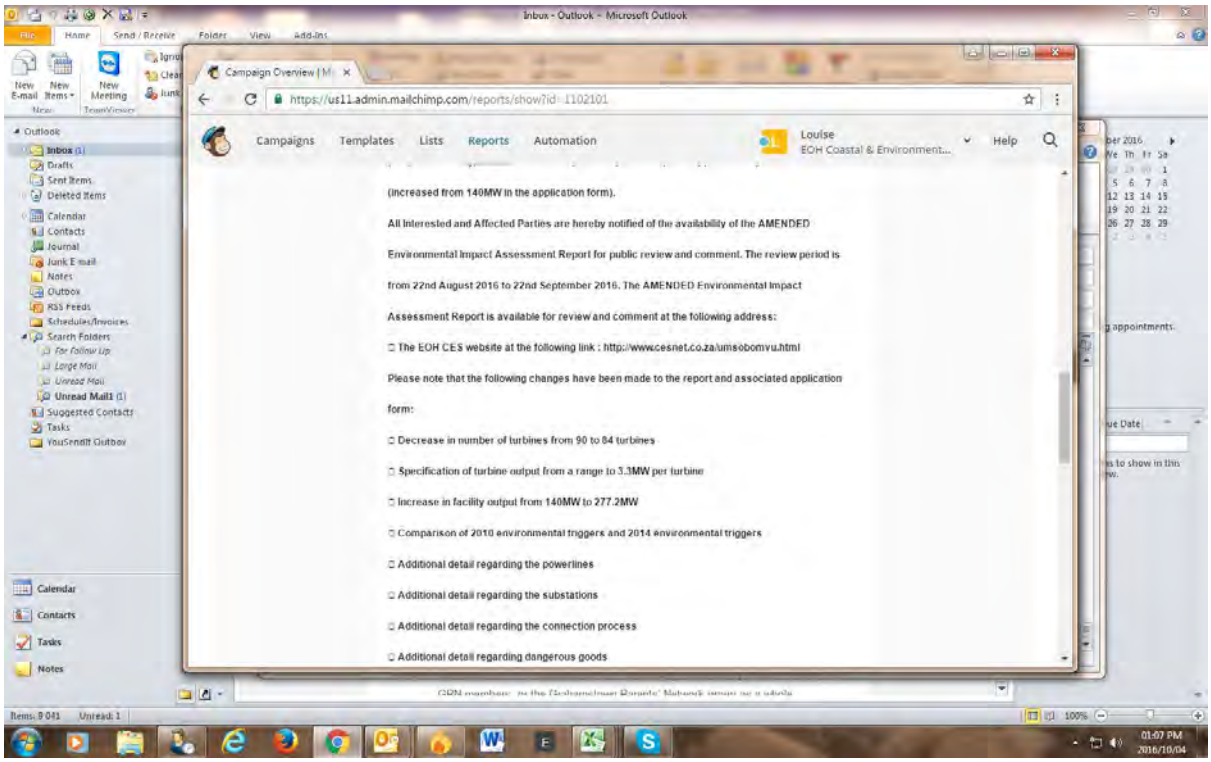
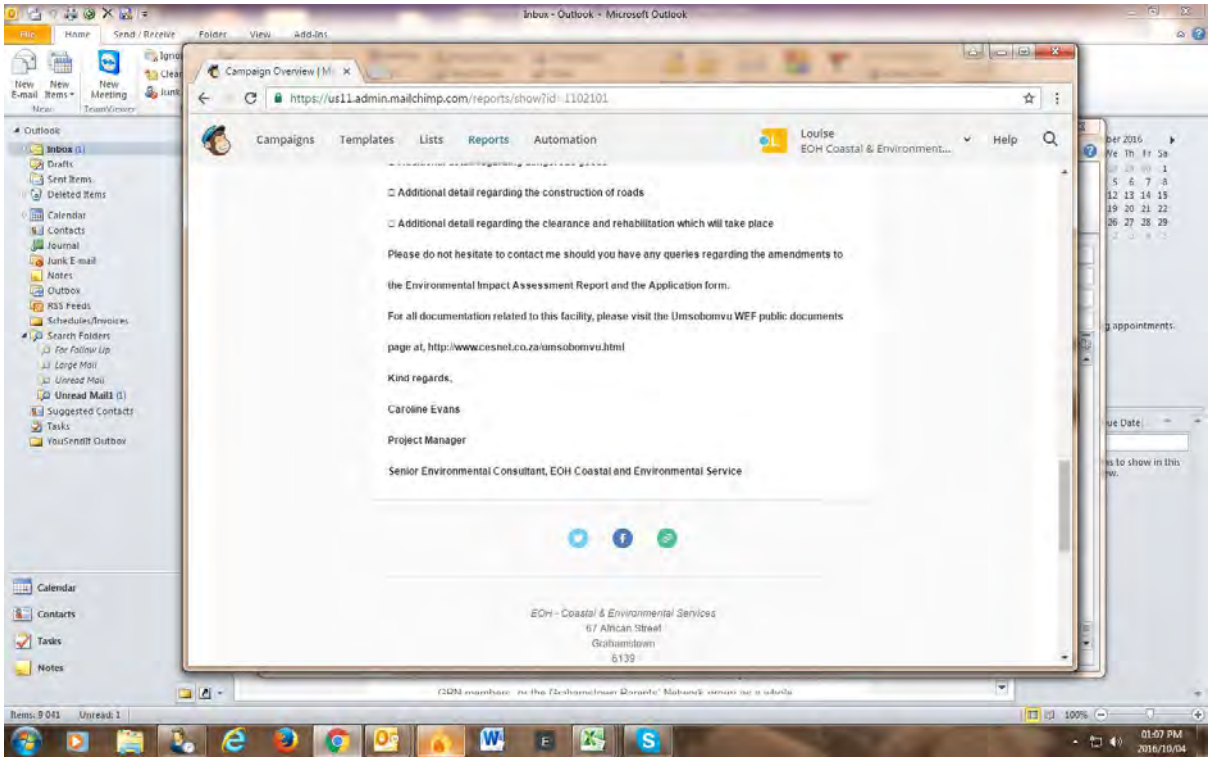
View
10
91 - 100 of 100


Inbox - Outlook - Microsoft Outlook
Campaign Overview | M
https://us11.admin.mailchimp.com/reports/show?id=1102101
Campaigns
Templates
Lists
Reports
Automation
Louise
EOH Coastal & Environment...
Help
Umsobomvu Amended EIAr - 23 August 2016
View this email in your browser
EOH
Coastal & Environmental Services
22nd August 2016
Dear Umsobomvu WEF Stakeholders and I&APs
RESPONSE TO DEA EIAr REJECTION LETTER AND SUMMARY OF AMENDED UMSOBOMVU WIND ENERGY FACILITY EIAr (DEA Reference: 14/12/16/3/3/2/730)
In accordance with the point (i) of the EIAr rejection letter and in accordance with the requirements


Inbox - Outlook - Microsoft Outlook
Campaign Overview | M
https://us11.admin.mailchimp.com/reports/show?id=1102101
Campaigns
Templates
Lists
Reports
Automation
Louise
EOH Coastal & Environment...
Help
RESPONSE TO DEA EIAr REJECTION LETTER AND SUMMARY OF AMENDED UMSOBOMVU WIND ENERGY FACILITY EIAr (DEA Reference: 14/12/16/3/3/2/730)
In accordance with the point (j) of the EIAr rejection letter and in accordance with the requirements of Section 54 (2) (b) (vi) of the Environmental Impact Assessment Regulations (2010) made in terms of section 24(5) of the National Environmental Management Act (Act No 107 of 1998) as amended in 2010, we are required to, "give written notice to any organ of state having jurisdiction in respect of any aspect of the activity". In accordance with this requirement, please find here-with a letter of notification for the start of the review period for the AMENDED Environmental Impact Assessment being carried out by EOH Coastal and Environmental Services in respect of the above-mentioned project.
InnoWind (Pty) Ltd is a South Africa based renewable energy generator that develops, finances, builds, operates and maintains commercial wind powered generation facilities. InnoWind is proposing to construct a Wind Energy Facility (WEF) to be developed between Middelburg (Eastern Cape) and Noupoort (Northern Cape) on the provincial border. The WEF will host 84 (decreased from 90 turbines in the application form) wind turbines, each generating between 3.3 megawatts (MW) of electricity, with total combined potential power output of approximately 277.2MW


Inbox - Outlook - Microsoft Outlook
Campaign Overview | M
https://us11.admin.mailchimp.com/reports/show?id=1102101
Campaigns
Templates
Lists
Reports
Automation
Louise
EOH Coastal & Environment...
Help
(increased from 140MW in the application form).
All Interested and Affected Parties are hereby notified of the availability of the AMENDED Environmental Impact Assessment Report for public review and comment. The review period is from 22nd August 2016 to 22nd September 2016. The AMENDED Environmental Impact Assessment Report is available for review and comment at the following address:
□ The EOH CES website at the following link : http://www.cesnet.co.za/umsobomvu.html
Please note that the following changes have been made to the report and associated application form:
□ Decrease in number of turbines from 90 to 84 turbines
□ Specification of turbine output from a range to 3.3MW per turbine
□ Increase in facility output from 140MW to 277.2MW
□ Comparison of 2010 environmental triggers and 2014 environmental triggers
□ Additional detail regarding the powerlines
□ Additional detail regarding the substations
□ Additional detail regarding the connection process
□ Additional detail regarding dangerous goods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Campaigns
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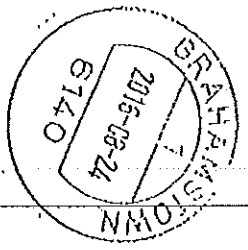
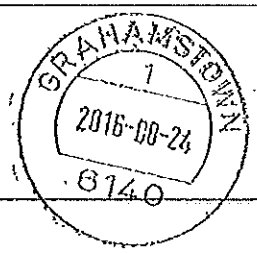
Automation
Louise
EOH Coastal & Environment...
Help
☐ Additional detail regarding the construction of roads
☐ Additional detail regarding the clearance and rehabilitation which will take place
Please do not hesitate to contact me should you have any queries regarding the amendments to
the Environmental Impact Assessment Report and the Application form.
For all documentation related to this facility, please visit the Umsobomvu WEF public documents
page at, http://www.cesnet.co.za/umsobomvu.html
Kind regards,
Caroline Evans
Project Manager
Senior Environmental Consultant, EOH Coastal and Environmental Service
EOH - Coastal & Environmental Services
67 African Street
Grahamstown
6139

Name & Address UMSOBOMVU WEF	Amended EIAr Documentation Notification Sent
Mr Sydney Gonlwe Inxuba Yethemba Local Municipality Ward 3 Councillor PO Box 24 Cradock 5880	
Mr Siphiwo Njobo Inxuba Yethemba Local Municipality Ward 6 Councillor PO Box 24 Cradock 5880	
Mr Jacobus Andries van der Merwe PO Box 40209 Red Hill 4071	
Mr Andries Thertius Barnard SJV Wild CC PO Box 2081 Pretoria 0001	
Mr Hermanus Jacobus Pieterse SJV Wild CC PO Box 1761 Louis Trichardt 0920	
Mr Paulus Johannes Jacobus Visser SJV Wild CC PO Box 2724 Paarl 7620	
Mr Barend Andries Mouton SJV Wild CC PO Box 1249 Durbanville 7551	
Mr Hermanus Bernardus Swart SJV Wild CC PO Box 600 Hoedspruit 1380	
Mr Allen Mark Lange SJV Wild CC PO Box 33381 Pretoria 0001	

Mr Michael Frederick Pretorius SJV Wild CC PO Box 59 Witrivier 1240	
Doornvlei Boerdery CC PO Box 378 Middelburg 5900	
Mr Sarel David Theron PO Box 19 Middelburg 5900	
Mr Colin Douglas Kingwell PO Box 106 Middelburg 5900	
Mr Marthinus Triegaardt du Plessis PO Box 184 Middelburg 5900	
Mr Hendrikus Jacobus Visser Visser Familletrust PO Box 123 Noupoort 5950	
Ms Vivian Stephanie van der Merwe PO Box 3994 Bloemfontein 9300	
Mr & Mrs van Heerden PO Box 451 Middelburg 5900	
Ms Laurraine Eugene Miller PO Box 548 Middelburg 5900	
Mr Pieter Kuyper Albertyn PO Box 378 Middelburg 5900	
Mr & Mrs Joubert PO Box 43 Middelburg 5900	

Province of the
EASTERN CAPE
ECONOMIC DEVELOPMENT,
ENVIRONMENTAL AFFAIRS & TOURISM

Corner Belmont Terrace / Castle Hill Central Port Elizabeth 6001
Private Bag X5001 Greenacres 6057 | Republic of South Africa
Ref: Umsobomvu WEF: DEA Ref No: **14/12/16/3/3/2/730**| **Contact Person:** Alan Southwood
Tel: 041 508 5813 | **Fax:** 041 508 5865 | **E-mail:** Alan.Southwood@dedea.gov.za | www.dedea.gov.za

Attention:	Ms Caroline Evens	Enquiries : Alan Southwood
Organisation:	EOH Coastal& Environmental Services	DEA Ref No : **14/12/16/3/3/2/730**
Postal address:	67 African Street, Grahamstown, 6139	
Fax:	046 622 2364	
Tel:	046 622 6564	
E-mail:	c.evans@cesnet.co.za	

Dear Ms Evans,

COMMENT: AMENDED FINAL ENVIRONMENTAL IMPACT ASSESSMENT REPORT: PROPOSED UMSOBOMVU WIND ENERGY FACILITY: NORTHERN AND EASTERN CAPE PROVINCES: UMSOBOMVU WIND POWER (PTY) LTD: DEA REFERENCE: 14/12/16/3/3/2/20/730

Your letter dated 22nd August 2016 refers.

Please refer to Appendix 1 for the Department's comments.

Yours sincerely,

DAYALAN GOVENDER

REGIONAL MANAGER: ENVIRONMENTAL AFFAIRS: SARAH BAARTMAN REGION

DATE: 22/09/2016

Department of Economic Development and Environmental Affairs
Private Bag X5001
2016 -09- 22
Greenacres

"Innovation for Sustainable Development"

Appendix 1: Comment: Final Environmental Amended Impact Assessment Report: proposed Umsobomvu Wind Energy Facility: Northern and Eastern Cape Provinces

Environmental Impact Assessment Report

Page Numbers	Section	Paragraph / Bullet	Comment
Page 4	1.2 Environmental Authorization in South Africa	First Paragraph: Last Sentence	~~It is 2016. Does this decision still hold?~~
Page 11	2.3.2 Construction	Second Bullet	~~It is an accepted principal that access roads should only be constructed if there are no existing roads. It should thus be decided at the Impact Assessment Stage whether a 'crawler' type crane will be used due to the requirement of a wider road and thus greater impact.~~
Page 11	2.3.2 Construction	Third Bullet	~~What is a 300mm deep road section?~~
Page 11	2.3.2 Construction	Last Bullet	~~Why are these passing places required; why are so many required?~~
Page 11	b) Electrical cabling	First Sentence	~~Where will it not be possible to run cables alongside access roads?~~ ~~The more overhead lines there are, the greater the chance there is for birds for birds to collide with them.~~
Page 29	5.3 NEM: PAA	Relevance to the proposed Umsobomvu WEF	~~Is the WEF located close to any area proclaimed in terms of the Act?~~
Page 29	5.4 NEM: BA	Third Paragraph: 1	~~The Endangered and Threatened Ecosystem Regulations, Government Notice R. 1002 dated 9th December 2011, are applicable.~~
Page 29	5.4 NEM: BA	Fourth Paragraph	~~Government Notice R. 152 of 23 February 2007.~~

DEA Reference Number:
14/12/16/3/3/2/730

Page 29	5.4 NEM: BA	Relevance to the proposed Umsobomvu WEF	~~Mention that the AIS Regulations, Government Notice R. 598 of 1st April 2014 are applicable.~~
Page 30	5.5 NEM: WMA	Relevance to the proposed Umsobomvu WEF	~~Are there any requirements in terms of this Act that should be included in the Draft EIA Report?~~
Page 30	5.6 National forest Act	Relevance to the proposed Umsobomvu WEF	~~Are there any protected trees that would be impacted by the development?~~
Page 30	5.7 National Heritage Resources Act	Relevance to the proposed Umsobomvu WEF: First Bullet	~~• Mention that a HIA was undertaken.~~ ~~• Who is the relevant agency in the Northern Cape?~~
Page 33	5.12 National Water Act	Relevance to the proposed Umsobomvu WEF: First Bullet	~~Will the WULA be submitted after any Environmental Authorization is granted?~~ ~~Your explanation should be added to the text of document~~.
Page 33	5.13.1 CARA Regulations	Last Paragraph	• The AIS Regulations do not stipulate that they supercede the CARA Regulations. • It would thus be appropriate to ask DEA for an opinion in this regard. Was DEA consulted? No additional comment provided by EAP.
Page 34	5.14 Subdivision of Agriculture Land Act	First Paragraph: Last Sentence	~~Minister of Agriculture, Forestry and Fisheries.~~ ~~The name was not updated.~~
Page 34	5.15 MPRDA	Application for a mining right: First Paragraph	An application to DMR can be for a Mining Licence or a Right. No additional comment provided by EAP.
Page 34	5.15 MPRDA	Table 5-2	A Mining Licence (not permit) requires a BAR and an EMPr. No additional comment provided by EAP.
Page 35	5.15 MPRDA	Relevance to the proposed Umsobomvu WEF: Second	Was an application submitted to the Minister? Was feedback received?

DEA Reference Number:
14/12/16/3/3/2/730

		Bullet	Is this still the status quo?
Page 36	5.18 Other Relevant Legislation	First Bullet	~~Is the Mountain Catchment Areas Act relevant to this WEF?~~
Page 36	5.18 Other Relevant Legislation	Third Bullet	~~What is the equivalent legislation applicable to the Northern Cape?~~
Page 39	6.1.3 Topography		This Department is very concerned about the potential visual impact of the WEF on this mountain scape (Figure 6-3). This Department is still of this opinion. No additional comment provided by EAP.
Page 42	6.1.5 Watercourses	First Paragraph	The potential impact of roads crossing watercourses in this steep terrain is of major concern. This Department is still of this opinion. No additional comment provided by EAP.
Page 50	6.1.8 Fauna		~~Certain references cited here were not included in the References (Page 134).~~
Page 51	Table 6-2		A column should be added that describes the legal status of the various species in terms on the PNCO and ToPS. The PNCO status for various animal taxa is not given in the Ecological Assessment Report. This Department is still of this opinion.
Page 53	Table 6-3		It should include the same columns as Figure 6-2. The PNCO status for various animal taxa is not given in the Ecological Assessment Report. This Department is still of this opinion.
Page 54	Table 6-4		
Page 56	Table		
Page 57	Table 6-5		

Page 54	6.1.9 Avifauna	IBAs	~~Was the 2015 version consulted?~~
Page 57	6.1.10 Chiroptera	Last Paragraph	~~This specialist did not provide an expert opinion on the acceptability of the WEF.~~
Page 61	6.2.7 Tourism		This Department is very concerned about the potential visual impact of the WEF on tourism. This Department is still of this opinion.
Page 64	Sites of importance identified from desktop assessment		~~Of what specific relevance are they to this project?~~
Page 65	6.2.9 Noise associated with wind energy	Last Paragraph	~~The Final Layout was informed by various specialists. The noise impact assessment should thus be undertaken as part of the EIA.~~
Page 65	6.2.10 Visual Impacts	First Paragraph: First Sentence	This is of particular relevance in this mountain-scape. This Department is still of this opinion. No additional comment provided by EAP.
Page 72	Release of Draft Scoping Report		• ~~When was the Draft Scoping Report accepted by DEA?~~ • ~~Where is the documentation to this affect?~~ • ~~When was the FSR submitted to and accepted by DEA? This Department did not receive a copy.~~ • Was the Full PPP copied onto a CD that was provided to this Department? • Please quote the applicable Regulation that stipulates that the Final Scoping Report does not form part of the PPP process. • There was no response to these queries.
Page 72	The PPP section of the EIR		~~Was this meeting held?~~
Page 88	9.1.4 Conclusion & Specialist	First Paragraph: Second Line	~~Staff should not be accommodated on site but in the~~

DEA Reference Number:
14/12/16/3/3/2/730

	Opinion		~~nearest town.~~
Page 91	9.2.3 Recommendations	First and Third Paragraphs	• The recommendations are supported. • The placement of plants in a nursery (Second Paragraph) should only be undertaken if plants cannot be relocated at the time of their removal. This Department is still of this opinion. No additional comment provided by EAP. "Noted" is not considered an appropriate response.
Page 91	9.2.4 Conclusions & Specialist Opinion	First Paragraph: Last two Sentences	These recommendations are supported. This Department is still of this opinion. No additional comment provided by EAP. "Noted" is not considered an appropriate response.
Page 91	9.2.4 Conclusions & Specialist Opinion	Last Paragraph	
Page 92	9.2.4 Conclusions & Specialist Opinion	First two Paragraphs	
Page 93	Data sources used	First Paragraph	Was any legislation consulted, for example the PNCO or ToPS, to quantify the legal status of the birds? The PNCO is not cited in the Avifaunal Specialist Report. This is important as most birds in the Eastern Cape are protected. This Department is still of this opinion. No additional comment provided by EAP.
Page 93	Data sources used	First Bullet: Fifth Line	~~Was the 2015 version consulted?~~
Page 93	Data sources used	Last Bullet	~~2011 is no longer recent. Was this document updated?~~
Page 94	Data sources used	First Bullet	Is this the most recent version? No additional comment provided by EAP.
Page 94	Data sources used	Last Bullet	

Page 94	9.3.2 Impacts	Fifth and Second Last Bullets	~~Specific mitigation measures must be stipulated for these species.~~
Page 95	Impacts		These recommendations are supported. This Department is still of this opinion. No additional comment provided by EAP. "Noted" is not considered an appropriate response.
Page 95	Impacts	Second Paragraph	All these findings are acknowledged and must be taken into consideration during the decision-making process. This Department is still of this opinion. No additional comment provided by EAP. "Noted" is not considered an appropriate response.
Page 95	Impacts	Second Last Paragraph: Second Sentence	This should be a Condition of any authorization. This Department is still of this opinion. No additional comment provided by EAP. "Noted" is not considered an appropriate response.
Page 95	9.3.3 Recommendations		They are all supported. This Department is still of this opinion. No additional comment provided by EAP. "Noted" is not considered an appropriate response.
Page 96	9.3.4 Conclusions & Specialist Opinion		The Conclusions and Specialist Opinion is supported. This Department is still of this opinion. No additional comment provided by EAP. "Noted" is not considered an appropriate response.
Page 98	9.4.2 Impacts	Last Paragraph	These requirements are supported. This Department is still of this opinion. No additional comment provided by EAP. "Noted" is not considered an appropriate response.
Page 99	9.4.2 Impacts	First Two Paragraphs	They are supported.

			This Department is still of this opinion.
Page 102	9.5.2 Impacts	Last Paragraph	This Department agrees with the content of these Paragraphs. This Department is still of this opinion. No additional comment provided by EAP. "Noted" is not considered an appropriate response.
Page 102	9.5.4 Conclusions & Specialist Opinion		
Page 104	9.6.4 Conclusions & Specialist Opinion		
Page 124	11.1 Ecological Sensitivity	Last Paragraph	
Page 125	11.1 Ecological Sensitivity	Paragraph under Figure 11-3	
Page 127	11.3 Bat Sensitivity	Paragraphs One, Two and Three	
Pages 103 to 104	9.6.3 Recommendations	First, Second, Third, Fourth, Fifth and Second Last Paragraphs	They are all supported. This Department is still of this opinion. No additional comment provided by EAP. "Noted" is not considered an appropriate response.
Page 107	9.7.3 Recommendations		
Page 110	9.9.3 Recommendations		
Page 107	9.7.2 Impacts	Third Paragraph	~~Duty of Care and good housekeeping by the contractor will be required to mitigate these impacts.~~ ~~This Department is still of this opinion.~~
Page 109	9.8.4 Conclusions & Specialist Opinion		Loss of scenic resources may not be seen as a fatal flaw but the erection of turbines will cause a significant visual impact in this mountainous area. This Department is still of this opinion. No additional comment provided by EAP.
Page 115	10.1.9 Visual		• Tall trees are not a natural phenomenon in these

			vegetation types. They may thus impact on the surface and ground water. • The fact that there is another WEF should not be used as a mitigating factor as people's perceptions of these facilities differ. This WEF will actually increase the cumulative impact in the general area. This Department is still of this opinion. No additional comment provided by EAP.
Page 116	11 Umsobomvu WEF Sensitivity Analysis	Second Bullet	~~Watercourses, wetlands and thicket vegetation should be No-Go areas.~~
Page 125	11.2 Avifaunal Sensitivity		There should be a 100m buffer around farm dams. Buffers are not specifically stipulated in the Avifaunal Impact Assessment. This Department is still of this opinion. No additional comment provided by EAP.
Page 129	12.1 Description of Proposed Activity		If the turbines generate between 2 to 3.5 MW then there would be between 40 and 70 turbines. It would be preferable to have larger capacity turbines so the number can be reduced. This Department is still of this opinion.
Page 129	12.2.1 Assumptions		They are supported. This Department is still of this opinion. No additional comment provided by EAP. "Noted" is not considered an appropriate response.
Page 129	12.2.2 Gaps	Last Paragraph	This Department agrees with the content of these Paragraphs. This Department is still of this opinion. No additional comment provided by EAP. "Noted" is not considered an appropriate response.
Page 131	12.4 Consideration of Alternatives		

DEA Reference Number:

Page 132	12.5 Opinion of the EAP		This Department supports this opinion. This Department is still of this opinion. No additional comment provided by EAP. "Noted" is not considered an appropriate response.
Page 132	12.6 Recommendation of the EAP	Last Paragraph	The mitigation measures stipulated in the EMPr must be implemented. This Department is still of this opinion. No additional comment provided by EAP.
Page 133	12.6 Recommendation of the EAP	Two Paragraphs	These measures must be implemented. This Department is still of this opinion. No additional comment provided by EAP.
Page 136	14.1 Appendix A: Public Participation Documents		~~• This documentation was incomplete and no electronic copy was provided to consult this information.~~ ~~• There was no correspondence from Government Departments, particularly DEA (for example, acceptance of Final Scoping Report).~~ ~~• There is no Application Form.~~ ~~This was not communicated at the time this Department was asked to comment.~~
Page 136	14.2 Appendix B: Interested and Affected Parties Database	Notes on Focus Group Meetings: Noupoort Farmer's Association: Second and Third Bullets	A major concern is the irreversible impact of roads in this mountainous terrain. This Department is still of this opinion. No additional comment provided by EAP.
Page 136	14.2 Appendix B: Interested and Affected Parties Database	Notes on Focus Group Meetings: Middleburg Focus Group Meeting	The Second, Third, Fifth and Sixth Questions are of particular relevance: roads and dust. This Department is still of this opinion. No additional comment provided by EAP.
Page 136	14.2 Appendix B: Interested and Affected Parties	DEDEAT's Letter dated 4th May 2015: Comments on	• ~~This Department did not receive any further~~

	Database	the DSR	~~correspondence from the EAP until they received the Draft EIA Report under cover of a letter dated 2nd February 2016.~~ • The sentence in the response is still incomplete. • Please quote the applicable Regulation that stipulates that the Final Scoping Report does not form part of the PPP process. • No additional comment provided by EAP.

Appendix 14.4: Environmental Management Programme

Page Numbers	Section	Paragraph / Bullet	Comment
Page 14	Shadow Flicker	First Bullet	~~It is accepted that in the final layout shadow flicker was minimized as far as possible.~~
Page 15	Site Establishment	Third Bullet	• This Department supports the specialists and agrees that no open fires should be allowed. • Gas can be provided for cooking in designated areas in the presence of fire extinguishers. • This Department is still of this opinion. • No additional comment provided by EAP. "Noted" is not considered an appropriate response.
Page 24	Ecological Fifth Bullet		
Page 15	Site Establishment	Second Last Bullet	Solid waste may not be buried on site. Where is this stipulated in the EMPr. No additional comment provided by EAP.
Page 15	Site Clearing	First Bullet	~~Two months is too long. Two weeks would be more appropriate.~~
Page 15	Site Clearing	Third Bullet	A certificate of disposal must be obtained to prove legal disposal of spoil. This Department is still of this opinion.
Page 22	Construction site decommissioning	Last Bullet	

DEA Reference Number:

			No additional comment provided by EAP.
Page 15	Site Clearing	Third Bullet	~~Why would there be a need to cut / prune / fell any tree or shrub outside the demarcated site? The reason for demarcating a site is to restrict activities within it.~~
Page 15	Soil Impacts	First Bullet: Last Sentence.	~~Delete 'where possible'.~~
Page 16	Concrete mixing	Last Bullet	Drip trays also to be placed under the engine. This Department is still of this opinion. No additional comment provided by EAP. "Noted" is not considered an appropriate response.
Page 17	Air Quality	Dust Control: Second Last Bullet	A speed limit of 30 km/h would be more appropriate. This Department is still of this opinion. No additional comment provided by EAP.
Page 30	Dust	First Bullet: Last Sub-bullet	
Page 17	Air Quality	Dust Control: Last Bullet	An all-hours number should be displayed at the site gate where members of the community can lodge complaints about inappropriate construction activities, such as excess dust. This Department is still of this opinion. Where do you complain if there is no after-hours number? No additional comment provided by EAP. "Noted" is not considered an appropriate response.
Page 22	Social Environment	Second Bullet	
Page 27	Social	Eleventh Bullet	
Page 17	Air Quality	Emissions Control: Last Bullet	Gas can be provided for cooking in designated areas in the presence of fire extinguishers. This Department is still of this opinion. No additional comment provided by EAP. "Noted" is not considered an appropriate response.
Page 17	Water Quality	Sanitation: Last Bullet	• Waste to be disposed of at a licenced WWTW. • A certificate of disposal must be obtained to prove legal

DEA Reference Number:

			disposal. • A Method Statement should be drafted for the management of chemical toilets. • This Department is still of this opinion. • Where is what you stated stipulated in the EMPr? • No additional comment provided by EAP.
Page 18	Water Resources	Second Bullet	~~Potable water should not be used.~~ ~~This Department is still of this opinion.~~
Page 19	Biodiversity	Fourth Bullet	The Compliance and Enforcement Section of this Department will investigate the contravention of any legislation it has the mandate to enforce. This Department is still of this opinion. This is a standard Departmental monitoring strategy. No additional comment provided by EAP. "Noted" is not considered an appropriate response.
Page 19	Waste Management	Litter management: Second Last Bullet	~~They must be provided in the chemical toilets.~~
Page 19	Hazardous Waste	Second Bullet	~~Operate machinery in drip trays.~~
Page 21	Hazardous Material Storage	Second Bullet	This includes empty and full cement bags. This not stipulated in the EMPr. This Department is still of this opinion. No additional comment provided by EAP.
Page 21	Fire Management	Second Last Bullet	This Department supports the specialists and agrees that no open fires should be allowed. Delete ~~'unless in~~ a demarcated area identified by the ECO'. This Department is still of this opinion. No additional comment provided by EAP. "Noted" is not considered an appropriate response.

Page 21	Fire Management	Last Bullet	Smoking should rather not be allowed. This Department is still of this opinion. No additional comment provided by EAP.
Page 25	Agriculture & Soils	First Bullet	
Page 22	Cultural and Heritage Artefacts	~~First Bullet~~	~~Mention that SAHRA is responsible for these issues in the Northern Cape.~~
Page 22	Cultural and Heritage Artefacts	Last Bullet	This sentence is incomplete. No comment provided by EAP.
Page 23	Rehabilitation	Last Bullet	~~Check bi-annually for AIS and remove and regeneration.~~
Page 24	Ecological	Fourteenth, Fifteenth and Eighteenth Bullets	These is supported. This Department is still of this opinion. No additional comment provided by EAP. "Noted" is not considered an appropriate response.
Page 24	Ecological	Last Bullet	~~Construction may only occur in terms of a General Authorization (if it applies) or a Water Use Licence.~~
Page 25	Agriculture & Soils	Fifth Bullet	~~The WEF should be a member of the local FPA.~~
Page 25	Agriculture & Soils	Seventh Bullet	The two sentences contradict each other. The Second Sentence should be deleted. The Second Sentence was not deleted. No additional comment provided by EAP.
Page 25	Agriculture & Soils	Sixteenth Bullet	~~Stockpiles should not exceed 1.5 m in height.~~
Page 25	Agriculture & Soils	Nineteenth Bullet	This a duplicate of the Fourteenth Bullet. No comment provided by EAP.
Page 26	Heritage	First Bullet	The buffer should preferably be 100 m. Please quote the guidelines in the text. No additional comment provided by EAP.

DEA Reference Number:
14/12/16/3/3/2/730

Page 28	Waste Management	First Bullet	~~A certificate of disposal must be obtained to prove legal disposal.~~
Page 30	Pollution	First Bullet	
Page 30	Dust	First Bullet	Activities that create dust must stop in high winds. Installation of an anemometer to indicate the wind speed that activities should stop is appropriate. • What is 'suitable monitoring'. Water is a scarce and valuable commodity in rural areas. The request is not to stop construction but to stop activities that create dust. • How costly is the installation of an anemometer in terms of the cost of constructing a wind farm? This is particularly relevant if it is an effective mitigation measure to control one of the most common, and often difficult to control, impacts of construction. • It can also be used to measure wind speed during the operational stage of the WEF. • No additional comment provided by EAP.
Page 32	8.1 Open Space Management Plan	d.	~~Lids of receptacles must not be able to be opened by scavenging animals.~~ ~~The emphasis is on must.~~
Page 32	8.1 Open Space Management Plan	e.	~~Prerequisite permits must be issued by the appropriate authorities before any plants may be moved.~~
Page 32	8.1 Open Space Management Plan	g.	The Compliance and Enforcement Section of this Department will investigate the contravention of any legislation it has the mandate to enforce. This Department is still of this opinion. This is a standard Departmental monitoring strategy. No additional comment provided by EAP. "Noted" is not considered an appropriate response.
Page 33	8.3 Faunal Relocation Plan	b.	
Page 33	8.1 Open Space Management Plan	i.	~~Delete 'are to be used' and 'if required' from the sentence~~.
Page 33	8.2 Watercourse and	a.	~~Should 30 m not read 32 m? Does 'channel edge' imply~~

DEA Reference Number:
14/12/16/3/3/2/730

	Wetland Management Plan		~~watercourse?~~
Page 33	8.2 Watercourse and Wetland Management Plan	b.	~~Pre-development run-off must be at least the same as post-development run-off.~~
Page 33	8.3 Faunal Relocation Plan: 8.3.1 General Conditions	a.	~~Delete this Bullet as it is very unlikely that this will happen. Snakes move away from noise and disturbance. There are only a few poisonous snake species in the general area. They can be removed by an expert if necessary.~~
Page 33	8.3 Faunal Relocation Plan: 8.3.1 General Conditions	c.	~~An expert who holds a Competency Certificate to handle Dangerous and Venomous Reptiles should be contracted to remove any animals.~~
Page 33	8.3 Faunal Relocation Plan: 8.3.1 General Conditions	d.	~~Permits are required from this Department to move any animals. Permit conditions will stipulate the procedure required to take animals to a veterinarian, for example, notifying the Department when animals will returned to veld.~~
Page 33	8.3 Faunal Relocation Plan: 8.3.1 General Conditions	f.	The maximum speed on site should be 30 kph. This Department is still of this opinion.
Page 33	8.3 Faunal Relocation Plan: 8.3.1 General Conditions	g.	~~If nocturnal traffic is restricted to emergency vehicles, mortality to animals will be limited.~~ ~~This Department is still of this opinion.~~
Page 33	8.3 Faunal Relocation Plan: 8.3.1 General Conditions	i.	The Alien Invasive Species should be removed once the breeding season closes. This Department is still of this opinion.
Page 33	8.3 Faunal Relocation Plan: 8.3.2 Reptile Relocation	a.	Prerequisite permits must be issued by the appropriate authorities before any reptiles / mammals may be moved. This was not stipulated in the case of mammals.
Page 34	8.3.4 Mammal Location	b.	
Page 34	8.4 Floral Relocation Plan	First Paragraph: Last Sentence	This Department agrees that a nursery need not be established. This Department is still of this opinion.

DEA Reference Number:

Page 34	8.4 Floral Relocation Plan: 8.4.1 General Conditions	f.	~~The sentence should be rewritten to read: 'Any seed-bearing material collected should be planted as soon as possible after collection'.~~
Page 35	8.5 Site Clearing Plan: 8.5.1 Vegetation Clearing	c.	~~The sentence should read:' All alien invasive vegetation should be removed from site'.~~
Page 35	8.5 Site Clearing Plan: 8.5.1 Vegetation Clearing	e.	~~The sentence should read: 'All indigenous plant material removed from cleared areas that cannot be replanted shall be mulched.'~~
Page 35	8.5 Site Clearing Plan: 8.5.1 Vegetation Clearing	f.	The sentence should read: 'The use of herbicides is prohibited'. Replace 'prohibited' with 'is not supported by this Department'. No additional comment provided by EAP.
Page 36	Re-vegetation Procedures	2.	This should read 'Eastern Upper Karoo'. No comment provided by EAP.
Page 37	Plot preparation	3.	This is not entirely correct. For example, additional treatment by way of removal of AIS or addition of organic fertilizer would be appropriate. Why was 3. deleted? It still applies in the context of the Department's comment. No additional comment provided by EAP.
Page 37	Plant Preparation		~~Delete the first three Paragraphs of Section as a nursery will not be established. Please refer to Section 8.4.~~
Page 37	Plant Preparation	Third Bullet	~~Delete this Paragraph of Section as a nursery will not be established.~~
Page 38	Landscaping techniques	Fourth Bullet	Sods should only be taken from areas that will be disturbed or cleared. Delete 'either from the near vicinity of the site from an area selected by the Site Engineer or ECO; or'. This was not updated as suggested. No additional comment provided by EAP. "Noted" is not considered an appropriate response.
Page 38	Landscaping techniques	Sixth Bullet	~~AIS should not be mulched and used on development sites.~~
Page 38	Landscaping techniques	Tenth Bullet	Please explain what is meant by this sentence. The sentence needs to be rewritten.

DEA Reference Number:

			No additional comment provided by EAP.
Page 38	Landscaping techniques	Twelfth Bullet	What aspects will be monitored? The Bullets are not linked as explained in your Response. No additional comment provided by EAP.
Page 38	Landscaping techniques	Fourteenth Bullet	~~• Is the figure 800 mm correct?~~ • Water should not be potable. • This Department is still of this opinion. • "Noted" is not considered an appropriate response.
Page 38	Landscaping techniques	Seventeenth Bullet	This Department does not support the use of herbicides, but only manual / mechanical methods to control AIS. This Department is still of this opinion. No additional comment provided by EAP.
Page 38	Landscaping techniques	Eighteenth and Nineteenth Bullets	~~They do not make sense in the context of this plan.~~
Page 38	Landscaping techniques	Last Bullet	It should be deleted. No comment provided by EAP.
Page 39	8.6.2 Weeds and Alien Vegetation	First Bullet	Delete 'woody' from the sentence. No comment provided by EAP.
Page 39	8.6.2 Weeds and Alien Vegetation	Third Bullet	~~• What is the rationale behind mowing the grass?~~ ~~• Where are the 'specified grassed areas'?~~ ~~• Natural succession will be disrupted by continual mowing. The rationale of rehabilitation is to encourage the original vegetation to re-colonize the site as far as possible.~~
Page 39	8.6.2 Weeds and Alien Vegetation	Fourth Bullet	~~The sentence should read: 'If during the establishment period alien invasive species or other non-indigenous plants are present .... hand'.~~
Page 39	8.6.2 Weeds and Alien Vegetation	Last Bullet: First Sub-bullet	• This does not make sense. Why 100m x 120m? • There is a legal requirement to remove Category 1a and 1b Alien and Invasive Species. Thus they cannot be left to be used as firewood. • No comment provided by EAP.
Page 39	8.6.3 Soil Stabilisation & Stockpiling	First Bullet	~~Stockpiles should not to be closer than 100m from these areas. They should be parallel to the contour.~~
Page 39	8.6.3 Soil Stabilisation &	Second Bullet	~~What would be used to enrich topsoil? Only organic fertilizers~~

	Stockpiling		~~should be used.~~
Page 39	8.6.3 Soil Stabilisation & Stockpiling	Fourth Bullet	Potable water should not be used. No comment provided by EAP.
Page 39	8.6.3 Soil Stabilisation & Stockpiling	Sixth Bullet	• ~~The sentence should read: 'Topsoil **must** be stockpiled separately to subsoil for the final soil layer during rehabilitation'.~~ • ~~Soil layers must be compacted before re-vegetation to prevent subsidence.~~
Page 39	8.6.3 Soil Stabilisation & Stockpiling	Seventh Bullet	~~Delete 'as far as possible' from the sentence.~~
Page 39	8.6.3 Soil Stabilisation & Stockpiling	Ninth Bullet	~~Replace 'as soon as possible' with immediately.~~
Page 39	8.6.3 Soil Stabilisation & Stockpiling	Last Bullet	~~Replace 'actively managed' with implemented.~~
Page 40	8.7.1 Background and Legislative Framework	First Paragraph	• DEA should be approached to ascertain whether the AIS Regulations published in terms of NEMBA replace the CARA Regulations described here. • Was DEA consulted? • It is 1983 not '1983a'. • There is no Reference List in EMPr. • No additional comment / comment provided by EAP.
Page 41	8.7.1 Background and Legislative Framework	3. Maintenance control	~~By this stage all AIS should have been removed. Action should be to remove any regrowth.~~
Page 42	8.7.3 General Requirements	First Bullet	~~Black Wattle is the only species that can grow into a tree on site. Fell it as close to the ground as possible. Strip the bark into the ground to prevent coppicing. Herbicide treatment is thus not required.~~
Page 42	8.7.3 General Requirements	Second Bullet	~~There should be a no fire policy on the WEF site. Cuttings should thus not be burned.~~
Page 42	8.7.3 General Requirements	Fourth Bullet	• Is there such dense infestations of AIS that this may happen? • Any dense stands should be gradually thinned out to prevent soil being exposed to erosive forces.

DEA Reference Number:
14/12/16/3/3/2/730

			• No comment provided by EAP.
Page 42	Mechanical Control Methods	First Paragraph	~~• The heading should read: Manual / Mechanical Control Methods.~~ ~~• Plants should not be burned.~~
Page 42	Chemical Control Methods		~~Their use is not supported.~~
Page 42 Page 43	8.8.1 Construction 8.8.2 Operational	a. i.	• It is preferable not to allow smoking. If it is allowed it must be in a designated area in the presence of a fire extinguisher. • What is 'this' that was stipulated throughout the EMPr. • This Department is still of this opinion. • No additional comment provided by EAP.
Page 42 Page 43	8.8.1 Construction 8.8.2 Operational	d. a.	The WEF should be a member of the local Fire Protection Association. Specifically mention this under 8.8.1 (d) Construction. No additional comment provided by EAP.
Page 43	8.8.1 Construction	g.	A policy of no fires on site is supported. No comment provided by EAP.
Page 43	8.8.1 Construction	h.	~~It is presumed that it will be the Fire and Emergency Services of the nearest municipality.~~
Page 43	8.8.1 Construction	j.	~~Rephrase this to mean any hot work, such as welding.~~
Page 43	8.8.1 Construction	k.	~~Which municipality would this be?~~
Page 43	8.8.2 Operational	b. to f.	~~Working for Fire should be consulted for expertise in this regard.~~

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14/12/16/3/3/2/730

DEA Reference Number: