

COASTAL & ENVIRONMENTAL SERVICES

Environmental Management and Impact Assessment



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SOUTH AFRICA
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18 January 2013

To Mahlatse Shubane
Department of Environmental Affairs
Directorate: Environmental Impact Evaluation
Fedsure Building
315 Pretorius Street
Pretoria 0001
Tel: 012 395 1768

**RE: APPLICATION FOR AUTHORISATION OF AN ENVIRONMENTAL IMPACT ASSESSMENT: INGEROP
INYANDA-ROODEPLAAT WIND FARM PROJECT**

In accordance with the requirements of the National Environmental Management Act (Act No. 107 of 1998), and relevant Environmental Impact Assessment (EIA) regulations made in terms of this Act (Government Notice No R.543) and promulgated in 2010, please find herewith attached an application for authorisation of an environmental impact assessment.

Inyanda Energy Projects (Pty) Ltd, a renewable energy company, plans to develop a wind powered electricity generation facility (known as a 'wind farm') in the district of Uitenhage, Cacadu District Municipality, Eastern Cape Province of South Africa. The wind farm will entail the construction and operation of wind turbines, each generating a maximum of 2-3MW (Mega Watts). The total land cover of the wind farm would be 12,000 hectares, and will feed into the national grid.

Coastal & Environmental Services (CES) of Grahamstown have been appointed by Mossel Bay IPP (Pty) Ltd to conduct a basic assessment for the proposed development. The activities that we believe will be triggered by the proposed development are listed in the application.

If, when you have studied the application and supporting documentation, you believe that the proposed development will trigger any other listed activities that will require authorisation, apart from the ones listed in the application, I shall be very pleased if you will let me know.

I trust that this is sufficient for your present purposes, but should you require any additional information at this stage please do not hesitate to contact me.

Yours sincerely,

Ms Amber Jackson
Environmental Consultant



environmental affairs

Department:
Environmental Affairs
REPUBLIC OF SOUTH AFRICA

APPLICATION FORM FOR ENVIRONMENTAL AUTHORISATION

	(For official use only)
File Reference Number:	12/12/20/
NEAS Reference Number:	DEAT/EIA/
Date Received:	

Application for authorisation in terms of the National Environmental Management Act, 1998 (Act No. 107 of 1998), as amended and the Environmental Impact Assessment Regulations, 2010

PROJECT TITLE

Ingerop Inyanda – Roo-deplaat Wind Farm, Witenhage District, Eastern Cape

Kindly note that:

1. This application form is current as of 2 August 2010. It is the responsibility of the applicant to ascertain whether subsequent versions of the form have been published or produced by the competent authority.
2. The application must be typed within the spaces provided in the form. The sizes of the spaces provided are not necessarily indicative of the amount of information to be provided. Spaces are provided in tabular format and will extend automatically when each space is filled with typing.
3. Where applicable **black out** the boxes that are not applicable in the form.
4. Incomplete applications may be returned to the applicant for revision.
5. The use of the phrase "not applicable" in the form must be done with circumspection. Should it be done in respect of material information required by the competent authority for assessing the application, it may result in the rejection of the application as provided for in the Regulations.
6. This application must be handed in at the offices of the relevant competent authority as determined by the Act and regulations.
7. No faxed or e-mailed applications will be accepted.
8. Unless protected by law, all information filled in on this application will become public information on receipt by the competent authority. Any interested and affected party should be provided with the information contained in this application on request, during any stage of the application process.

Queries must be addressed to the contact hereunder:

Departmental Details

Postal address:

Department of Environmental Affairs
Attention: Director: Environmental Impact Evaluation
Private Bag X447
Pretoria
0001

Physical address:

Department of Environmental Affairs
Fedsure Forum Building (corner of Pretorius and Van der Walt Streets)
2nd Floor North Tower
315 Pretorius Street
Pretoria
0002

Queries should be directed to the Directorate: Environmental Impact Evaluation at:

Tel: 012-310-3268
Fax: 012-320-7539

Please note that this form must be copied to the relevant provincial environmental department/s.

View the Department's website at <http://www.deat.gov.za/> for the latest version of the documents.

SITE IDENTIFICATION AND LINKAGE

Please indicate all the Surveyor-general 21 digit site (erf/farm/portion) reference numbers for all sites (including portions of sites) that are part of the application.

Please find a complete list of property portions involved attached as appendix A.

(if there are more that 6, please attach a list with the rest of the numbers)

(These numbers will be used to link various different applications, authorisations, permits etc. that may be connected to a specific site)

PROJECT TITLE

Ingerop Inyanda – Roodeplaat Wind Farm
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1. BACKGROUND INFORMATION

Project applicant:	Inyanda Energy Projects (Pty) Ltd		
Trading name (if any):	As above		
Contact person:	Ian Fitz		
Physical address:	13 Woodfern Road, Fernbrook Estate, Gauteng.		
Postal address:	Unit B 49, Kinross Road, Sandton,		
Postal code:	2196	Cell:	083 375 0078
Telephone:		Fax:	011 808 3001
E-mail:	i.fitz@ingerop.co.za		

Provincial Authority:	Department of Economic Development, Environmental Affairs and Tourism		
Contact person:	Mr Andries Struwig		
Postal address:	Private Bag X5001, Greenacres		
Postal code:	6057	Cell:	
Telephone:	041 508 5840	Fax:	041 508 5840
E-mail:	Andries.struwig@deaet.ecape.gov.za		

Landowner:	Ronnie Watson		
Contact person:	Ian Fitz		
Postal address:	Unit B 49, Kinross Road, Sandton,		
Postal code:	2196	Cell:	083 375 0078
Telephone:		Fax:	011 808 3001
E-mail:	email@e-ronnie.net		

Please find landowner consent form attached as appendix B.

Local authority in whose jurisdiction the proposed activity will fall:	Cacadu District Municipality		
Nearest town or districts:	Uitenhage		
Contact person:	Howard Sikweza – Department of Environmental Health, Cacadu District Municipality		
Postal address:	PO Box 318, Port Elizabeth		
Postal code:	6000	Cell:	
Telephone:	041 508 7314	Fax:	041 508 7000
E-mail:	sikweza@cacadu.co.za		

2. ACTIVITIES APPLIED FOR TO BE AUTHORISED

For an application for authorisation that involves more than one listed or specified activity that, together, make up one development proposal, all the listed activities pertaining to this application must be indicated.

Indicate the number and date of the relevant notice: Activity No (s) (in terms of the relevant notice) : Describe each listed activity as per project description¹:

LISTING NOTICE 1		
Listing notice 1 of GNR 544 EIA regulations dated 18 June 2010.	(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 but less than 275 kilovolts;	A substation will be constructed on site which will collect power generated by the turbines, step up the voltage to make it compatible with the Eskom grid, and then transfer this power via an overhead power line to Eskom infrastructure (either a substation or a transmission line).
Listing notice 1 of GNR 544 EIA regulations dated 18 June 2010.	(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.	The project will involve the construction of roads and underground electrical cables which are likely to cross drainage lines and rivers.
Listing Notice 1 of R544 EIA Regulations dated 18 June 2010.	(38) The expansion of facilities for the transmission and distribution of electricity where the expanded capacity will exceed 275 kilovolts and the development footprint will increase.	Underground cabling will link the turbines with an on-site substation proposed to be constructed as part of the facility. An overhead line will then link this substation with the nearest Eskom substation or

¹ Please note that this description should not be a verbatim repetition of the listed activity as contained in the relevant Government Notice, but should be a brief description of activities to be undertaken as per the project description

		overhead line.
LISTING NOTICE 2		
Listing notice 2 of GNR 545 EIA regulations dated 18 June 2010.	(1) The construction of facilities or infrastructure for the generation of electricity where the electricity output is 20 megawatts or more.	The exact amount of power to be produced by the facility will be specified in the EIR.
Listing Notice 2 of R545 EIA Regulations dated 18 June 2010.	(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 or industrial complex.	Underground cabling will link the turbines with an on-site substation proposed to be constructed as part of the facility. An overhead line will then link this substation with the nearest Eskom substation or overhead line.
Listing notice 2 of GNR 545 EIA regulations dated 18 June 2010.	(15) Physical alteration of undeveloped, vacant or derelict land for commercial and industrial use where the total area to be transformed is 20 hectares or more.	The exact construction phase footprint and operation phase footprint will be specified in the EIR.
LISTING NOTICE 3		
Listing notice 3 of GNR 546 EIA regulations dated 18 June 2010.	(4) The construction of a road wider than 4 metres with a reserve less than 13,5 metres. (a) In the Eastern Cape: ii. Outside urban areas in: (bb) National Protected Areas Expansion Strategy Focus Areas (ee) Critical Biodiversity Areas as identified in systematic biodiversity plans (gg) Areas within 10 kilometers of National Parks	Roads will need to be constructed that will link the turbines and other infrastructure components. Parts of the site are identified as focus areas for the expansion of National Parks. Parts of the site are identified as a CBA 1. The site is within 10 kilometers of the Groendal Nature Reserve.
Listing notice 3 of GNR 546 EIA regulations dated 18 June 2010.	(14) The clearance of an area of 5 hectares or more of vegetation where 75% or more of the vegetative cover constitutes indigenous vegetation. (a) In the Eastern Cape. i. All areas outside urban areas.	Vegetation will be cleared in during the construction of access roads, hard stand areas, the substation and the turbine foundations. This is likely to amount to more than 5 hectares.
Listing Notice 3 of R546 EIA Regulations dated 18 June 2010.	(16)The construction of: iv) infrastructure covering 10 square metres or more where such construction occurs within a watercourse or within 32 metres of a watercourse, measured from the edge of a watercourse. (a) In Eastern Cape: ii. Outside urban areas. (bb) National Protected Areas Expansion Strategy Focus Areas (ff) Critical Biodiversity Areas as identified in systematic biodiversity plans	Parts of the site are identified as focus areas for the expansion of National Parks. Parts of the site are identified as a CBA 1. The site is within 10 kilometers of the Groendal Nature Reserve.

	(hh) Areas within 10 kilometers of National Parks	
Listing notice 3 of GNR 546 EIA regulations dated 18 June 2010.	<p>(19) The widening of a road by more than 4 metres, or the lengthening of a road by more than 1 kilometre.</p> <p>(a) In the Eastern Cape:</p> <p>ii. Outside urban areas in:</p> <p>(bb) National Protected Areas Expansion Strategy Focus Areas</p> <p>(ee) Critical Biodiversity Areas as identified in systematic biodiversity plans</p> <p>(gg) Areas within 10 kilometers of National Parks</p>	<p>Existing farm roads will be utilised where possible to minimise the project footprint. These roads will need to be upgraded (widened and re-surfaced) to allow access for large trucks transporting turbine components.</p> <p>Parts of the site are identified as focus areas for the expansion of National Parks. Parts of the site are identified as a CBA 1. The site is within 10 kilometers of the Groendal Nature Reserve.</p>

Please note that any authorisation that may result from this application will only cover activities specifically applied for.

3. OTHER AUTHORISATIONS REQUIRED

3.1 DO YOU NEED ANY AUTHORISATIONS IN TERMS OF ANY OF THE FOLLOWING LAWS?

3.1.1 National Environmental Management: Waste Act	No
3.1.2 National Environmental Management: Air Quality Act	No
3.1.3 National Environmental Management: Protected Areas Act	No
3.1.4 National Environmental Management: Biodiversity Act	No
3.1.5 Mineral Petroleum Development Resources Act	No
3.1.6 National Water Act	Yes*
3.1.7 National Heritage Resources Act	Yes**
3.1.8 Other (please specify)	No

3.2 Have such applications been lodged already? No

*With regards to the National Water Act, it is likely that either a General Authorisation (GA) or a license will be required from DWA. During the course of the EIA, it will become known what activities of the National Water Act are triggered (a specialist consultant will provide recommendations to the client and the EAP). The local and national water authorities will then be approached for input. Evidence of correspondence with them will be included in the EIR. The client will be expected to obtain all necessary authorisations from DWA prior to initiation of construction activities.

** With regards to the National Heritage Resources Act, a heritage specialist will perform a study of the project area as part of the EIA. The provincial authority will be sent copies of the report and will provide comment which will be included in the EIR. They will issue comments and recommendations and state whether a license is required.

4. DECLARATIONS

4.1 The Applicant

I, Ronald J. Watson, declare that I -

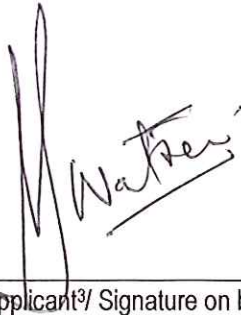
- am, or represent¹, the applicant in this application;
- have appointed / will appoint (delete that which is not applicable) an environmental assessment practitioner to act as the independent environmental assessment practitioner for this application / will obtain exemption from the requirement to obtain an environmental assessment practitioner²;
- will provide the environmental assessment practitioner and the competent authority with access to all information at my disposal that is relevant to the application;
- will be responsible for the costs incurred in complying with the Environmental Impact Assessment Regulations, 2010, including but not limited to –
 - costs incurred in connection with the appointment of the environmental assessment practitioner or any person contracted by the environmental assessment practitioner;
 - costs incurred in respect of the undertaking of any process required in terms of the Regulations;
 - costs in respect of any fee prescribed by the Minister or MEC in respect of the Regulations;
 - costs in respect of specialist reviews, if the competent authority decides to recover costs; and
 - the provision of security to ensure compliance with conditions attached to an environmental authorisation, should it be required by the competent authority;
- will ensure that the environmental assessment practitioner is competent to comply with the requirements of these Regulations and will take reasonable steps to verify whether the EAP complies with the Regulations;
- will inform all registered interested and affected parties of any suspension of the application as well as of any decisions taken by the competent authority in this regard;
- am responsible for complying with the conditions of any environmental authorisation issued by the competent authority;
- hereby indemnify the Government of the Republic, the competent authority and all its officers, agents and employees, from any liability arising out of the content of any report, any procedure or any action which the applicant or environmental assessment practitioner is responsible for in terms of these Regulations;
- will not hold the competent authority responsible for any costs that may be incurred by the applicant in proceeding with an activity prior to obtaining an environmental authorisation or prior to an appeal being decided in terms of these Regulations;
- will perform all other obligations as expected from an applicant in terms of the Regulations;
- all the particulars furnished by me in this form are true and correct; and



¹ If this is signed on behalf of the applicant, proof of such authority from the applicant must be attached.

² If exemption is obtained from appointing an EAP, the responsibilities of an EAP will automatically apply to the person conducting the environmental impact assessment in terms of the Regulations.

- I realise that a false declaration is an offence in terms of regulation 71 and is punishable in terms of section 24F of the Act.

A handwritten signature in black ink, appearing to read 'M. Wather', written over a horizontal line.

Signature of the applicant³/ Signature on behalf of the applicant:

Name of company (if applicable):

7 JANUARY 2013

Date:

³ If the applicant is a juristic person, a signature on behalf of the applicant is required as well as proof of such authority. An EAP may not sign on behalf of an applicant.

APPENDIX A: PROPERTY PORTIONS INVOLVED

C	0	7	6	0	0	0	0	0	0	0	0	3	4	6	0	0	0	0	0
C	0	7	6	0	0	0	0	0	0	0	0	3	4	8	0	0	0	0	1
C	0	7	6	0	0	0	0	0	0	0	0	2	7	7	0	0	0	0	1
C	0	7	6	0	0	0	0	0	0	0	0	2	7	8	0	0	0	0	3
C	0	7	6	0	0	0	0	0	0	0	0	2	7	9	0	0	0	0	0
C	0	7	6	0	0	0	0	0	0	0	0	2	7	9	0	0	0	0	4
C	0	7	6	0	0	0	0	0	0	0	0	2	8	0	0	0	0	0	1
C	0	7	6	0	0	0	0	0	0	0	0	2	4	7	0	0	0	0	1
C	0	7	6	0	0	0	0	0	0	0	0	3	5	0	0	0	0	0	5
C	0	7	6	0	0	0	0	0	0	0	0	3	6	4	0	0	0	0	2
C	0	7	6	0	0	0	0	0	0	0	0	2	7	8	0	0	0	0	4
C	0	7	6	0	0	0	0	0	0	0	0	2	7	9	0	0	0	0	3
C	0	7	6	0	0	0	0	0	0	0	0	2	4	8	0	0	0	0	0
C	0	7	6	0	0	0	0	0	0	0	0	3	4	7	0	0	0	0	3
C	0	7	6	0	0	0	0	0	0	0	0	2	4	5	0	0	0	0	1
C	0	7	6	0	0	0	0	0	0	0	0	3	6	4	0	0	0	0	3
C	0	7	6	0	0	0	0	0	0	0	0	3	5	0	0	0	0	0	6
C	0	7	6	0	0	0	0	0	0	0	0	2	7	8	0	0	0	0	1
C	0	7	6	0	0	0	0	0	0	0	0	2	7	8	0	0	0	0	0
C	0	7	6	0	0	0	0	0	0	0	0	2	4	6	0	0	0	0	0
C	0	7	6	0	0	0	0	0	0	0	0	5	8	8	0	0	0	0	1
C	0	7	6	0	0	0	0	0	0	0	0	5	8	8	0	0	0	0	2
C	0	7	6	0	0	0	0	0	0	0	0	2	4	6	0	0	0	0	1
C	0	7	6	0	0	0	0	0	0	0	0	1	7	0	0	0	0	0	3

APPENDIX B: LAND OWNER NOTIFICATION CONSENT

Date: 7 JANUARY 2013

CONSENT IN TERMS OF REGULATION 15 (1) OF THE NEMA EIA REGULATIONS FOR THE EIA BEING UNDERTAKEN FOR THE PROPOSED DEVELOPMENT OF THE INGEROP INYANDA – ROODEPLAAT WIND FARM

Inyanda Energy Projects (Pty) Ltd proposes to construct and operate a wind farm on:

- Farm 170 portion 3
- Farm 246 portion 0
- Farm 246 portion 1
- Farm 248 portion 0
- Farm 278 portion 0
- Farm 278 portion 1
- Farm 278 portion 4
- Farm 277 portion 1
- Farm 279 portion 0
- Farm 279 portion 3
- Farm 279 portion 4
- Farm 280 portion 1
- Farm 348 portion 1
- Farm 347 portion 3
- Farm 588 portion 1
- Farm 588 portion 2
- Farm 346 portion 0

All on the Eastern Cape Province of South Africa.

The land is owned by O'FEH INVESTMENTS (PTY) LTD and I:

..... Ronnie Watson, am entitled to give consent.

I, Ronnie Watson with the ID number: 5002035195081 hereby consent to the undertaking of the proposed activities that will be the subject of the EIA studies for the proposed wind farm, subject to environmental authorisation being obtained and finalisation of commercial negotiations and their recording in writing and signature.

My formal approval for the project and specifically any activities authorised will be subject to the outcome of the EIA.

Yours sincerely,

(Signature)

..... Ronald James Watson.

(Name in block letters)

Date: 7 JANUARY 2013

CONSENT IN TERMS OF REGULATION 15 (1) OF THE NEMA EIA REGULATIONS FOR THE EIA BEING UNDERTAKEN FOR THE PROPOSED DEVELOPMENT OF THE INGEROP INYANDA – ROODEPLAAT WIND FARM

Inyanda Energy Projects (Pty) Ltd proposes to construct and operate a wind farm on:

- Farm 245 portion 1
- Farm 247 portion 1
- Farm 278 portion 3

All in the Eastern Cape Province of South Africa.

The land is owned by LAIDBACK INVESTMENTS (PTY) LTD and I:

..... Ronald James Watson, am entitled to give consent.

I, Ronald James Watson with the ID number: 5002035195081 hereby consent to the undertaking of the proposed activities that will be the subject of the EIA studies for the proposed wind farm, subject to environmental authorisation being obtained and finalisation of commercial negotiations and their recording in writing and signature.

My formal approval for the project and specifically any activities authorised will be subject to the outcome of the EIA.

Yours sincerely

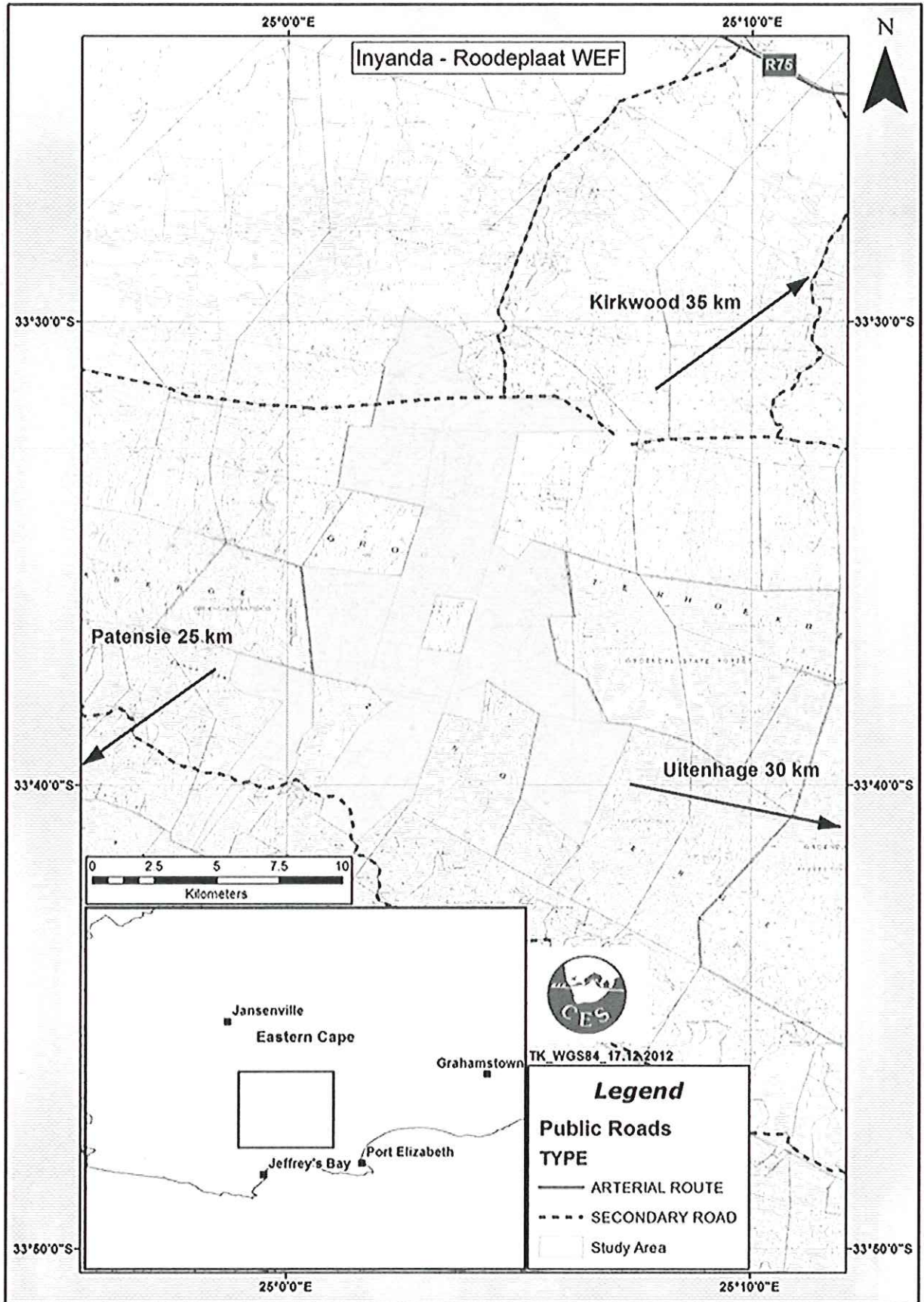


(Signature)

..... Ronald James Watson

(Name in block letters)

APPENDIX D: MAP





environmental affairs

Department:
Environmental Affairs
REPUBLIC OF SOUTH AFRICA

DETAILS OF EAP AND DECLARATION OF INTEREST

	(For official use only)
File Reference Number:	12/12/20/
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Date Received:	

Application for authorisation in terms of the National Environmental Management Act, 1998 (Act No. 107 of 1998), as amended and the Environmental Impact Assessment Regulations, 2010

PROJECT TITLE

Ingerop Inyanda – Roodeplaat Wind Farm, Uitenhage District, Eastern Cape

Environmental Assessment Practitioner (EAP): ¹	Coastal and Environmental Services		
Contact person:	Amber Jackson		
Postal address:	PO Box 934, Grahamstown		
Postal code:	6140	Cell:	078 340 6295
Telephone:	046 6222364	Fax:	046 6226564
E-mail:	info@cesnet.co.za		
Professional affiliation(s) (if any)	South African Council for Natural Scientific Professions		

Project Consultant:	Amber Jackson		
Contact person:	Amber Jackson		
Postal address:	PO Box 934, Grahamstown		
Postal code:	6140	Cell:	078 340 6295
Telephone:	046 6222364	Fax:	046 6226564
E-mail:	a.jackson@cesnet.co.za		

4.2 The Environmental Assessment Practitioner

I, Amber Jackson, declare that –

General declaration:

I act as the independent environmental practitioner in this application
I will perform the work relating to the application in an objective manner, even if this results in views and findings that are not favourable to the applicant
I declare that there are no circumstances that may compromise my objectivity in performing such work;
I have expertise in conducting environmental impact assessments, including knowledge of the Act, regulations and any guidelines that have relevance to the proposed activity;
I will comply with the Act, regulations and all other applicable legislation;
I will take into account, to the extent possible, the matters listed in regulation 8 of the regulations when preparing the application and any report relating to the application;
I have no, and will not engage in, conflicting interests in the undertaking of the activity;
I undertake to disclose to the applicant and the competent authority all material information in my possession that reasonably has or may have the potential of influencing - any decision to be taken with respect to the application by the competent authority; and - the objectivity of any report, plan or document to be prepared by myself for submission to the competent authority;
I will ensure that information containing all relevant facts in respect of the application is distributed or made available to interested and affected parties and the public and that participation by interested and affected parties is facilitated in such a manner that all interested and affected parties will be provided with a reasonable opportunity to participate and to provide comments on documents that are produced to support the application;
I will ensure that the comments of all interested and affected parties are considered and recorded in reports that are submitted to the competent authority in respect of the application, provided that comments that are made by interested and affected parties in respect of a final report that will be submitted to the competent authority may be attached to the report without further amendment to the report;
I will keep a register of all interested and affected parties that participated in a public participation process; and
I will provide the competent authority with access to all information at my disposal regarding the application, whether such information is favourable to the applicant or not
all the particulars furnished by me in this form are true and correct;
will perform all other obligations as expected from an environmental assessment practitioner in terms of the Regulations; and
I realise that a false declaration is an offence in terms of regulation 71 and is punishable in terms of section 24F of the Act.

Disclosure of Vested Interest (delete whichever is not applicable)

I do not have and will not have any vested interest (either business, financial, personal or other) in the proposed activity proceeding other than remuneration for work performed in terms of the Environmental Impact Assessment Regulations, 2010;

I have a vested interest in the proposed activity proceeding, such vested interest being:

None

Signature of the environmental assessment practitioner:

Coastal and Environmental Services

Name of company:

18 January 2012

Date: