



Scoping and Environmental Impact Assessment for the proposed Development of a 75 MW Solar Photovoltaic Facility (GEMSBOK SOLAR PV4) on Portion 3 of Gemsbok Bult Farm 120, north-east of Kenhardt, Northern Cape Province

# EIA REPORT

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## APPENDIX A:

Curriculum Vitae of the Environmental Assessment Practitioner and Specialists

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## Curriculum Vitae of Paul Lochner - Technical Advisor

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<b>Name of firm</b>	CSIR
<b>Name of staff</b>	Paul Andrew Lochner
<b>Profession</b>	Environmental Assessment and Management
<b>Position in firm</b>	Project Leader in Environmental Assessment & Management
<b>Date of birth</b>	13 June 1969
<b>Years with firm</b>	21 years
<b>Nationality</b>	South African

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**Biographical sketch** Paul Lochner commenced work at CSIR in 1992, after completing a degree in Civil Engineering and a Masters in Environmental Science, both at the University of Cape Town. His initial work at CSIR focused on sediment dynamics and soft engineering applications in the coastal zone, in particular, beach and dune management. He conducted several shoreline erosion analyses and prepared coastal zone management plans for beaches. He also prepared wetland management plans.

As the market for environmental assessment work grew, he led Environmental Impact Assessments (EIAs), in particular for coastal resort developments and large-scale industrial developments located on the coast; and Environmental Management Plans (EMPs), in particular for wetlands, estuaries and coastal developments. He has also been involved in researching and applying higher-level approaches to environmental assessment and management, such as Strategic Environmental Assessment (SEA). In 1998 and 1999, he coordinated the SEA research programme within the CSIR, and was a lead author of the Guideline Document for SEA in South Africa, published jointly by CSIR and the national Department of Environmental Affairs and Tourism in February 2000.

In 1999 and 2000, he was the project manager for the legal, institutional, policy, financial and socio-economic component of the Cape Action Plan for the Environment ("CAPE"), a large-scale multi-disciplinary study to ensure the sustainable conservation of the Cape Floral Kingdom. This was funded by the Global Environmental Fund (GEF) and prepared for WWF-South Africa. The study required extensive stakeholder interaction, in particular with government institutions, leading to the development of a Strategy and Action Plan for regional conservation.

In July 2003, he was certified as an Environmental Assessment Practitioner by the Interim Certification Board for Environmental Assessment Practitioners of South Africa. In 2004 he was lead author of the *Overview of IEM* document in the updated Integrated Environmental Management (IEM) Information Series published by national Department of Environmental Affairs and Tourism (DEAT). In 2004-2005 he was project manager for an Environmental and Social Impact

Assessment (ESIA) conducted for a bauxite mine and alumina refinery in the Komi Republic (Russia), prepared in accordance with World Bank and EU policies, guidelines and standards.

In 2004-2005, he was part of the CSIR team that coordinated the preparation of the series of *Guidelines for involving specialists in EIA processes* prepared for the Western Cape Department of Environmental Affairs and Development Planning (DEADP); and authored the *Guideline for Environmental Management Plans* published by the Western Cape government in 2005.

In 2009, he led the EIA for a desalination plant in Namibia, as well as several EIAs for wind energy facilities in South Africa.

Over the past 14 years has been closely involved with several environmental studies for industrial and port-related projects in Coega Industrial Development Zone (IDZ), near Port Elizabeth. This included the SEA for the establishment of the Coega IDZ in 1996/7, an EIA and EMP for a proposed aluminium smelter in 2002/3, and assistance with environmental permit applications for air, water and waste. At the Coega IDZ and port, he has also conducted environmental assessments for port development, LNG storage and a combined cycle gas turbine power plant, manganese export, rail development, and wind energy projects.

**Education**

1990	B.Sc. Civil Engineering (awarded with Honours)	University of Cape Town
1992	M. Phil. Environmental Science	University of Cape Town

**Employment record**

*January 1992 to June 1992:* Completed Masters thesis, working in conjunction with the Environmental Evaluation Unit at the University of Cape Town. The thesis investigated the potential future ecological and socio-economic impacts resulting from the closure of a large diamond mining operation, and developed actions to mitigate these impacts.

*October 1992 to present:* Employed by the CSIR in Stellenbosch. Involved in coastal engineering studies; and various forms of environmental assessment and management studies. (A track record of experience is listed below).

**PROFESSIONAL INVOLVEMENT IN COMMITTEES:**

<i>1996/97:</i>	Committee Member of the Western Cape Branch of the International Association for Impact Assessment (IAIA)
<i>1997/98:</i>	Chairperson of the Western Cape Branch of IAIA and member of the national IAIA committee
<i>1998/99:</i>	Committee Member of the Western Cape Branch of IAIA
<i>1996 to present:</i>	Chairperson of the Blouville Environmental Committee at Century City, Cape Town (This committee is tasked with overseeing the restoration and management of a wetland in the midst of a new mixed-use urban development)

**Experience record**

The following table presents an abridged list of projects that Paul Lochner has been involved in, indicating his role in each project:

Completion Date	Project description	Role	Client
2011 - 2012	EIA for the <b>100 MW solar photovoltaic</b> project proposed by Mainstream Renewable Power at Blocuso, near Keimoes in the Northern Cape	Project leader	Mainstream Renewable Power
2011 – 2012	EIA for the <b>100 MW solar photovoltaic</b> project proposed by Mainstream Renewable Power at Roode Kop Farm, near Douglas, in the Northern Cape	Project leader	Mainstream Renewable Power
2011 – 2012	EIA for the 75 MW <b>solar photovoltaic project</b> proposed by Solaire Direct at <b>GlenThorne</b> , near Bloemfontein in the Free State	Project leader	Solaire Direct
2011 – 2012	EIA for the 75 MW <b>solar photovoltaic project</b> proposed by SolaireDirect at <b>Valleydora</b> , near Springfontein in the Free State	Project leader	Solaire Direct
2012 (in progress)	EIA for the 80 MW <b>solar photovoltaic project</b> by CAMAC on Farm O’Poort near postmasburg.	Project leader	CAMAC International
2010-2011	More than 10 Basic Assessments (BAs) for <b>solar photovoltaic projects</b> in the western cape, Northern Cape, Eastern Cape and Free State	Project leader	Various clients including Dutch, German, French and South African companies
2010/2011 (in progress)	<b>EIA for the Langerfontein</b> wind project near Darling, Western Cape.	Project leader	Mr Herman Oelsner, Khwe Khwa
2010/2011 (final report completed))	<b>EIA for a 100 MW wind project at Zuurbron and a 50 MW wind project Broadlands</b> in the Eastern Cape	Project leader	WindCurrent SA (German-based company)
2010/2011 (final report completed)	<b>EIA for the proposed 143 MW Biotherm wind energy project near Swellendam</b> , Western Cape, South Africa	Project leader	Biotherm South Africa (Pty) Ltd
2010/2011 (final report completed)	<b>EIA for the proposed InnoWind wind energy projects near Swellendam, Heidelberg, Albertinia and Mossel Bay (totalling approx 210 MW)</b> , Western Cape, South Africa	Project leader	InnoWind South Africa (Pty) Ltd
2009/2010 (authorisation granted by DEA in Aug 2011)	<b>EIA for the proposed Electrawinds wind energy facility</b> of 45-75 MW capacity in the Coega IDZ, Eastern Cape	Project leader	Electrawinds N.V. (Belgium)
2009/2010 (authorisation granted by DEA in April 2011)	<b>EIA for proposed 180 MW Jeffreys Bay wind energy project</b> , Eastern Cape	Project Leader and co-author	Mainstream Renewable Power South Africa
2009/2010 (authorisation granted by DEA)	<b>Basic Assessment for the national wind Atlas for South Africa</b>	Project leader	SANERI and SA Wind Energy Programme, Dept of Energy
2009/2010 (on hold)	<b>EIA for the proposed Gecko soda plant</b> , Otjivalunda and Arandis, Namibia	Project leader	Gecko, Namibia
2009	<b>EIA for the proposed desalination plant</b> at Swakopmund, Namibia	Project leader	NamWater, Namibia
2009	<b>EMP for the Operational Phase of the Berg River Dam</b> , Franschoek, South Africa	Project leader and report co-author	TCTA, South Africa
2009/2010 (in progress)	<b>EIA for the proposed crude oil refinery</b> at Coega, South Africa	Project leader and lead author	PetroSA, South Africa
2008	<b>Environmental Risk Review</b> for proposed LNG/CNG import to Mossel Bay, South Africa	Project leader and lead author	PetroSA, South Africa
2008	<b>Review of the Business Plan</b> for catchment management for the Berg Water Dam Project, Franschoek, South Africa	Project reviewer and co-author	TCTA, South Africa
2007 – 2010	<b>EIA for proposed Jacobsbaai Tortoise Reserve eco-</b>	Project Leader and co-	Jacobsbaai Tortoise

Completion Date	Project description	Role	Client
(in progress)	<b>development</b> , Saldanha, Western Cape	author	Reserve (Pty) Ltd
2007 – 2010 (in progress)	<b>Independent reviewer</b> for the EIA proposed Amanzi lifestyle development, Port Elizabeth	Independent reviewer appointed to advise EAP	Public Process Consultants and Pam Golding
2007 – 2008	<b>EIA for proposed 18 MW Kouga wind energy project</b> , Eastern Cape	Project Leader and co-author	Genesis Eco-Energy (Approved by DEDEA in March 2009)
2007	<b>Review of EIA for the proposed Hanglip Eco-Development</b> , Plettenberg Bay, Western Cape	Co-author of review of EIA, undertaken on behalf of DEADP	Dept of Environmental Affairs & Development Planning, Western Cape
2006-2007	<b>Scoping phase for the EIA for the proposed Coega LNG-to-Power Project</b> at the Port of Ngqura, Coega IDZ	Project Leader and co-author	Eskom and iGas
2006-2007	<b>Guideline</b> for Scoping, Environmental Impact Assessment and Environmental Management Plans for mining in South Africa	Project leader and co-author	Dept of Minerals and Energy (DME), South Africa
2006	<b>Environmental Impact Assessment (EIA)</b> for the extension of the Port of Ngqura, Eastern Cape	Project Leader and co-author	Transnet
2006	<b>Integrating Sustainability Into Strategy: Handbook</b> (Version 1)	Project Leader and co-author	CSIR (STEP research report)
2005	<b>Technology Review</b> for the proposed aluminium smelter at Coega, South Africa	Project Leader and lead author	Alcan, Canada
2005	<b>Environmental and Social Impact Assessment (ESIA) report</b> for the proposed alumina refinery near Sosnogorsk, Komi Republic, Russia	Project manager and co-author	Komi Aluminium, Russia, IFC, EBRD
2005	<b>Guideline for Environmental Management Plans (EMPs)</b> for the Western Cape province, including conducting a training course for provincial government	Author	Dept of Environmental Affairs & Development Planning, Western Cape
2005	<b>Guideline for the review of specialist studies</b> undertaken as part of environmental assessments	Member of Steering Committee and project facilitator	Dept of Environmental Affairs & Development Planning, Western Cape
2004	<b>Review of Strategic Management Plan</b> for Table Mountain National Park (2001-2004)	Reviewer and co-author	South African National Parks
2004	<b>Strategic Needs Assessment Process</b> for mainstreaming sustainable development into business operations	Researcher and co-author	CSIR (internal research)
2004	<b>Environmental Monitoring Committees</b> booklet in the IEM Information Series for DEAT	Contributing author	Department of Environmental Affairs and Tourism (DEAT)
2004	<b>Overview of Integrated Environmental Management (IEM)</b> booklet in the IEM Information Series	Lead author and researcher	DEAT
2003	<b>Environmental Screening Study</b> for gas power station, South Africa	Project Manager and lead author	Eskom, iGas and Shell
2003	<b>Environmental Management Programme (EMP)</b> Framework for the proposed Coega Aluminium Smelter; and assistance with preparing permit and licence applications	Project Manager and lead author	Pechiney, France
2003	<b>Environmental Management Plan</b> for the Operational Phase of the wetlands and canals at Century City, Cape Town	Project leader and lead author	Century City Property Owners' Association
2002	<b>Environmental Impact Assessment</b> for the proposed Pechiney aluminium smelter at Coega, South Africa	Project Manager and lead author	Pechiney, France
2002 - 2003	<b>Research project:</b> Ecological impact of large-scale groundwater abstraction on the Table Mountain Group aquifer	Project Manager	Water Research Commission
2002	<b>Environmental Management Plan</b> for the Eskom Wind Energy Demonstration Facility in the Western Cape	Co-author	Eskom
2001-2002	<b>Environmental Impact Assessment</b> for the Eskom Wind Energy Demonstration Facility in the Western Cape	Quality control & co-author	Eskom
2001	<b>Environmental Due Diligence</b> study of four strategic oil	Project manager and co-	SFF Association

Completion Date	Project description	Role	Client
	storage facilities in South Africa	author	
2000	<b>Cape Action Plan for the Environment:</b> a biodiversity Strategy and Action Plan for the Cape Floral Kingdom - legal, institutional, policy, financial and socio-economic component	Project manager and contributing writer	World Wide Fund for Nature (WWF): South Africa
1999	<b>Environmental Management Plan</b> for the establishment phase of the wetlands and canals at Century City, Cape Town	Project manager and lead author	Monex Development Company
1999	<b>Environmental Management Programme</b> for the Thesen Islands development, Knysna	Process design and Co-author	Chris Mulder Associates Inc; Thesen and Co.
1999	<b>Management Plan for the coastal zone between the Eerste and Lourens River, False Bay, South Africa</b>	Project manager and lead author	Heartland Properties and Somchem (a Division of Denel)
1998	<b>Environmental Assessment</b> of the Mozal Matola Terminal Development proposed for the Port of Matola, Maputo, Mozambique	Project manager and author.	<i>SNC-Lavalin-EMS</i>
1998	<b>Strategic Environmental Assessment (SEA)</b> for the Somchem industrial complex at Krantzkop, South Africa	Project manager and co-author	Somchem, a Division of Denel
1997	<b>Strategic Environmental Assessment (SEA)</b> for the proposed Industrial Development Zone and Harbour at Coega, Port Elizabeth, South Africa	SEA project manager and report writer	Coega IDZ Initiative Section 21 Company
1996	<b>Environmental Impact Assessment</b> of Development Scenarios for Thesen Island, Knysna, South Africa	Project manager and report writer	Thesen and Co.
1996	<b>Environmental Impact Assessment</b> of the Management Options for the Blouvtlei wetlands, Cape Town	Project manager and report writer	Ilco Homes Ltd (now Monex Ltd)
1995	<b>Environmental Impact Assessment</b> for the Saldanha Steel Project, South Africa	Report writing and management of specialist studies	Saldanha Steel Project
1994	<b>Environmental Impact Assessment</b> for the upgrading of resort facilities on Frégate Island, Seychelles	Member of the project management team, co-author, process facilitator	Schneid Israelite and Partners
1994	<b>Environmental Impact Assessment</b> for exploration drilling in offshore Area 2815, Namibia	Project manager and co-author	Chevron Overseas (Namibia) Limited
1994	<b>Management Plan</b> for the Rietvlei Wetland Reserve, Cape Town	Project manager and lead author	Southern African Nature Foundation (now WWF-SA)
1993	<b>Beach management plan</b> for Stilbaai beachfront and dunes, South Africa	Project manager and lead author	Stilbaai Municipality
1993	<b>Beach and dune management plan for Sedgefield</b> for the beach east of the mouth of the Swartvlei estuary	Project manager and lead author	Nel and De Kock Planners, George
1993	<b>Coastal Stability analysis and beach management plan</b> for the Table View coastline north of Blaauwberg Road, Cape Town	Project manager and lead author	Milnerton Municipality

#### Publication record

A comprehensive list of publications, book chapters and contract reports is available upon request, with a summary provided below.

*Publications in journals, peer reviewed conference proceedings and CSIR internal research reports:*

Weaver A, Pope J, Morrison-Saunders A & Lochner P, 2009, Contributing to sustainability as an environmental impact assessment practitioner, *Impact Assessment and Project Appraisal (IAPA)*, 26:2, 91-98. (This paper received the IAPA best paper award for 2009).

Lochner P, 2009: Case study - The role of environmental and social screening in



informing the conceptual design and planning of large-scale projects in the pre-feasibility phase, in DBSA, 2009, *What works for us – a South African Country report for tactics, Tools and Methods for Integrating Environment and Development* (A South African Case study in partnership with the IIED), pp 37-38, Midrand, South Africa.

Lochner P, Munster F and Burns M, 2006. Integrating Sustainability into Strategy (ISIS): a process to inform sustainability strategies and frameworks, *In: IAIA South Africa Annual Conference proceedings*, South Africa.

Rossouw N and Lochner P, 2006. Environmental Monitoring Committees (EMCs): purpose, function and structure. *In: IAIA South Africa Annual Conference proceedings*, South Africa.

Munster F and Lochner P, 2006, Integrating Sustainability Into Strategy: Handbook (Version 1) – describing a process to inform sustainability strategies, frameworks and reports, *CSIR Report ENV-S-1 2005-001*, ISBN 0-7988-5560-6, Stellenbosch.

Van Zyl H, de Wit M, Munster F, Lochner P, Gerber G, 2005. Economics in Environmental Impact Assessment: demystifying the theory and practice, *In: Conference Proceedings of the IAIA South Africa 2005 Annual National Conference*. South Africa.

Lochner P, Weaver A, Gelderblom C, Peart R, Sandwith T and Fowkes S, 2003. Aligning the diverse: the development of a biodiversity conservation strategy for the Cape Floristic Region. *Biological Conservation Vol. 112, ISSN: 0006-3207*.

Lochner P, Münster F, Msutu M, Wren S, 2003. The role of stakeholder engagement in the EIA for the Coega Aluminium Smelter. *In: Conference Proceedings of the IAIA South Africa 2003 Annual National Conference*. ISBN 1-919891-04-8. South Africa.

Lochner P, Brooks W, Pesch P & Münster M. 2003, Stakeholder engagement process in the EIA of an aluminium smelter, Published in *Light Metals 2003* (Ed. Paul Crepeau), Published by TMS (the Minerals, Metals & Materials Society), ISBN Number 0-87339-531-X, USA.

Rossouw N, Audouin M, Lochner P, Heather-Clark S and Wiseman K, 2000. Development of strategic environmental assessment in South Africa. *Impact Assessment and Project Appraisal*. Vol 18, no. 3, pp 217-223. United Kingdom.

Lochner P and Fowkes S, 2000. Building partnerships for the conservation of the biodiversity of the Cape Floral Kingdom: experiences and lessons learnt from the Cape Action Plan for the Environment. *IAIA-SA Conference Proceedings 2000*. South Africa.

Lochner P and Rossouw N, 1997. The development of an Environmental Management Plan for incorporating a wetland into a large mixed use development: the Century City example. *IAIA-SA Conference Proceedings 1997*. South Africa.

**Language capability**

	Speaking	Reading	Writing
English	Excellent	Excellent	Excellent
Afrikaans	Average	Average	Average

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## Curriculum Vitae of Minnelise Levendal - Project Leader

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<b>Name of firm</b>	CSIR
<b>Name of staff</b>	Minnelise Levendal
<b>Profession</b>	Environmental Assessment and Management
<b>Position in firm</b>	Project Manager
<b>Years' experience</b>	8 years
<b>Nationality</b>	South African
<b>Languages</b>	Afrikaans and English

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### CONTACT DETAILS:

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**Postal Address:** P O Box 320, Stellenbosch, 7599  
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**e-mail:** [mlevendal@csir.co.za](mailto:mlevendal@csir.co.za)

### BIOSKETCH:

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Minnelise joined the CSIR Environmental Management Services group (EMS) in 2008. She is focussing primarily on managing Environmental Impact Assessments (EIAs), Basic Assessments (BAs) and Environmental Screening studies for renewable energy projects including wind and solar projects. These include an EIA for a wind energy facility near Swellendam, Western Cape South Africa for BioTherm (Authorisation granted in September 2011) and a similar EIA for BioTherm in Laingsburg, Western Cape (in progress). She is also managing two wind farm EIAs and a solar Photovoltaic BA for WKN-Windcurrent SA in the Eastern Cape. Minnelise was the project manager for the Basic Assessment for the erection of ten wind monitoring masts at different sites in South Africa as part of the national wind atlas project of the Department of Energy in 2009 and 2010. She was also a member of the Project Implementation Team who managed the drafting of South Africa's Second National Communication under the United Nations Framework Convention on Climate Change. The national Department of Environmental Affairs appointed the South African Botanical Institute (SANBI) to undertake this project. SANBI subsequently appointed the CSIR to manage this project.

## EDUCATION

- |                          |                                |      |
|--------------------------|--------------------------------|------|
| ▪ M.Sc. (Botany)         | Stellenbosch University        | 1998 |
| ▪ B.Sc. (Hons.) (Botany) | University of the Western Cape | 1994 |
| ▪ B.Sc. (Education)      | University of the Western Cape | 1993 |

## MEMBERSHIPS:

- International Association for Impact Assessment (IAIA), Western Cape (member of their steering committee from 2001-2003)
- IUCN Commission on Education and Communication (CEC); World Conservation Learning Network (WCLN)
- American Association for the Advancement of Science (AAAS)
- Society of Conservation Biology (SCB)

## EMPLOYMENT RECORD:

- **1995:** Peninsula Technicon. Lecturer in the Horticulture Department.
- **1996:** University of the Western Cape. Lecturer in the Botany Department.
- **1999:** University of Stellenbosch. Research assistant in the Botany Department (3 months)
- **1999:** Bengurion University (Israel). Research assistant (Working in the Arava valley, Negev – Israel; 2 months). Research undertaken was published (see first publication in publication list)
- **1999-2004:** Assistant Director at the Department of Environmental Affairs and Development Planning (DEA&DP). Work involved assessing Environmental Impact Assessments and Environmental Management Plans; promoting environmental management and sustainable development.
- **2004 to present:** Employed by the CSIR in Stellenbosch:
- September 2004 – May 2008: Biodiversity and Ecosystems Services Group (NRE)
- May 2008 to present: Environmental Management Services Group (EMS)

## PROJECT EXPERIENCE RECORD:

The following table presents a list of projects undertaken at the CSIR as well as the role played in each project:

Completion Date	Project description	Role	Client
2011 ( <i>in progress</i> )	EIA for the proposed Electrawinds Swartberg wind energy project near Moorreesburg in the Western Cape	Project Manager	Electrawinds
2010-2011 ( <i>in progress</i> )	EIA for the proposed Ubuntu wind energy project, Eastern Cape	Project Manager	WKN Windkraft SA
2010-2011 ( <i>in progress</i> )	EIA for the proposed Banna ba pifhu wind energy project, Eastern Cape	Project Manager	WKN Windkraft SA
2010-2011	BA for a powerline near Swellendam in the Western Cape	Project Manager	BioTherm Energy (Pty Ltd)
2010-2011 ( <i>Environmental Authorisation granted in September 2011</i> )	EIA for a proposed wind farm near Swellendam in the Western Cape	Project Manager	BioTherm Energy (Pty Ltd)
2010 (complete)	Basic Assessment for the erection of two wind monitoring masts near Swellendam and Bredasdorp in the Western Cape	Project Manager	BioTherm Energy (Pty Ltd)
2010 (complete)	Basic Assessment for the erection of two wind monitoring masts near Jeffrey's Bay in the Eastern Cape	Project Manager	Windcurrent (Pty Ltd)
2009-2010 ( <i>Environmental Authorisations granted</i> )	Basic Assessment Process for the proposed erection of 10 wind monitoring masts in SA as	Project Manager	Department of Energy through SANERI; GEF

Completion Date	Project description	Role	Client
during 2010)	part of the national wind atlas project		
2010	South Africa's Second National Communication under the United Nations Framework Convention on Climate Change	Project Manager	SANBI
2009 (Environmental Authorisation granted in 2009)	Basic Assessment Report for a proposed boundary wall at the Port of Port Elizabeth, Eastern Cape	Project Manager	Transnet Ltd
2008	Developing an Invasive Alien Plant Strategy for the Wild Coast, Eastern Cape	Co-author	Eastern Cape Parks Board
2006-2008	Monitoring and Evaluation of aspects of Biodiversity	Project Leader	Internal project awarded through the Young Researchers Fund
2006	Integrated veldfire management in South Africa. An assessment of current conditions and future approaches.	Co-author	Working on Fire
2004-2005	Biodiversity Strategy and Action Plan Wild Coast, Eastern Cape, SA	Co-author	Wilderness Foundation
2005	Western Cape State of the Environment Report: Biodiversity section. (Year One).	Co-author and Project Manager	Department of Environmental Affairs and Development Planning

## PUBLICATIONS:

**Bowie, M.** (née Levendal) and Ward, D. (2004). Water status of the mistletoe *Plicosepalus acaciae* parasitic on isolated Negev Desert populations of *Acacia raddiana* differing in level of mortality. *Journal of Arid Environments* 56: 487-508.

Wand, S.J.E., Esler, K.J. and **Bowie, M.R.** (2001). Seasonal photosynthetic temperature responses and changes in <sup>13</sup>C under varying temperature regimes in leaf-succulent and drought-deciduous shrubs from the Succulent Karoo, South Africa. *South African Journal of Botany* 67:235-243.

**Bowie, M.R.**, Wand, S.J.E. and Esler, K.J. (2000). Seasonal gas exchange responses under three different temperature treatments in a leaf-succulent and a drought-deciduous shrub from the Succulent Karoo. *South African Journal of Botany* 66:118-123.

## LANGUAGES

Language	Speaking	Reading	Writing
English	Excellent	Excellent	Excellent
Afrikaans	Excellent	Excellent	Excellent

Minnelise Levendal



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## Curriculum Vitae of Surina Laurie - Project Reviewer

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<b>Name of firm</b>	CSIR
<b>Name of staff</b>	Surina Laurie
<b>Profession</b>	Environmental Assessment Practitioner
<b>Position in firm</b>	Project Manager
<b>Years' experience</b>	4 years
<b>Nationality</b>	South African

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### Biographical sketch

Surina has 4 years' experience as an Environmental Assessment Practitioner (EAP). She completed both her BSc in Conservation Ecology and MPhil in Environmental Management (part-time) at the University of Stellenbosch. With her honours project, she worked closely with the Endangered Wildlife Trust Riverine Rabbit Working Group and was responsible for determining the conservation opportunity for the Riverine Rabbit in the Karoo. With this project, she gained valuable experience in how to interact and manage stakeholders in such a way that a project's objectives and conservation goals are met without the stakeholders not being included in the decision-making process. The management of stakeholders and the ability to incorporate their needs into the objectives of a project is seen as an essential component of an Environmental Impact Assessment (EIA) process.

With her Masters' thesis she researched and addressed why there is a need to undertake a Cost Benefit Analysis (CBA) as part of any EIA. The need for a CBA stems from the fact that losing environmental services will have an economic impact on a regional/national level in the long term but this is usually not considered during an EIA process. A CBA will look at both the economic benefits (profit) from a project and the economic losses because of loss of ecosystem services or rehabilitation costs. By including a CBA in an EIA, both the economic and environmental financial implications (not just the environmental significance of an impact) of a project will be considered by the decision making authority prior to the issuing of Environmental Authorisations or permits.

She has experience in undertaking Basic Assessments and Scoping and Environmental Impact Assessments for various sectors, including renewable energy, industry and tourism. She also has experience in undertaking environmental audits, due diligence assessments and the compilation of Environmental Management Programmes.

Registered Professional Natural Scientist (Pr. Sci. Nat.) in Environmental Science (Reg. No: 400033/15) with the South African Council of Natural Scientific Professions.

<b>Education</b>	2015 (current)	Certificate in Environmental Economics, University of London (SOAS)
	2013	Project Management Course, University of Cape Town Graduate School of Business
	2011-2012 (Part-time)	MPhil Environmental Management, University of Stellenbosch
	2007-2010	BSc Conservation Ecology, University of Stellenbosch

<b>Employment Record</b>	Feb 2014 to present	CSIR, Project Manager, EAP
	Sept 2011 to Jan 2014	WSP Environmental (Pty) Ltd, Environmental Consultant
	Nov 2010 to Aug 2011	EnviroAfrica, Junior Environmental Consultant

**Experience record**      *Abridged experience in Environmental Impact and Basic Assessment processes:*

Date	Project Description	Role	Client
2014 - present	Integrated Scoping and EIA process for the construction of three Photovoltaic (PV) or Concentrated Photovoltaic (CPV) Solar Facilities with a generating capacity of 75 MW each on the farms remaining extent of Portion 3 of the Farm Gemsbok Bult 120 and Boven Rugzeer remaining extent of 169, located 30 km north-east of Kenhardt. Two of the projects will be located on the farm remaining extent of Portion 3 of the Farm Gemsbok Bult 120 and one on Boven Rugzeer remaining extent 169.	Project Manager	Mulilo Renewable Project Development (Pty) Ltd
2014 - present	Integrated Scoping and EIA process for the development of twelve (12) Photovoltaic (PV) or Concentrated Photovoltaic (CPV) Solar Facilities with a generating capacity of 75 MW/100MW each, near Dealesville, Free State.	Project Manager	South Africa Mainstream Renewable Power Developments (Pty) Ltd
2013-2014	Basic Assessment for the construction of three additional petroleum storage tanks at the Cape Town Harbour.	Environmental Consultant	FFS Refiners (Pty) Ltd
2013-2014	Scoping and EIA for the construction of a Sewage Package Plant on Robben Island.	Environmental Consultant	Department of Public Works
2013	Development of an EMPr for the undertaking of maintenance work on the Stilbaai Fishing Harbour's Slipway located in Stilbaai, Western Cape, South Africa. In order to be compliant to the requirements of the National Environmental Management Act (Act 107 of 1998) and Environmental Impact Assessment (EIA) Regulations, a Maintenance Management Plan (MMP) needed to be developed to manage the environmental impacts associated with maintenance work that is scheduled to be undertaken on the Stilbaai Fishing Harbour's Slipway as well as any future on-going maintenance requirements.	Environmental Consultant	Department of Public Works
2012-2014	Waste Management License for the proposed	Environmental	The New Reclamation

Date	Project Description	Role	Client
	storage of Ferrous HMS 1+2, Shredded Ferrous and Bales located at the K/L Berth at Duncan Road, Port of Cape Town	Consultant	Group (Pty) Ltd
2012-2014	Scoping and EIA for the construction a biodiesel refinery in the Coega Industrial Development Zone (IDZ). The proposed project entails the import of used vegetable oil from the USA and converting it through various processes to biodiesel which will be exported to Europe. The proposed project requires an Air Emissions License, a Waste Management License and Environmental Authorisation.	Environmental Consultant	FIS Biofuels (Ltd)
2013-2013	Basic Assessment for the proposed redevelopment of Berths B, C and D in Duncan Dock at the Port of Cape Town.	Assistant Environmental Consultant	FPT (Pty) Ltd
2011- 2012	Development of an EMPr for the Eerstelingsfontein Opencast Project (EOP).	Assistant Environmental Consultant	Exxaro Resources Limited
2011-2014	Basic Assessment for the proposed reinstatement of the Blue Stone Quarry located on Robben Island.	Assistant Environmental Consultant	Department of Public Works
2011	Scoping and EIA for the proposed upgrade to the Struisbaai WWTW.	Assistant Environmental Consultant	Cape Agulhas Municipality
2011	Basic Assessment for the construction of a cellular mast.	Environmental Consultant	MTN (Pty) Ltd
2010-2011	Basic Assessment for the construction of a Heritage Centre.	Environmental Consultant	Waenhuiskrans Arniston Community Development Trust
2010-2011	Scoping and EIA for the rezoning of the area from open space to residential, the construction of six residential units and the upgrading of the existing Waste Water Treatment Plant.	Environmental Consultant	Private developer

*Abridged experience in undertaking the role of an Environmental Control Officer and compliance auditing:*

Date	Project Description	Role	Client
2013- 2014	The proposed extension project involved the installation of five new above ground storage tanks. The two largest tanks have a tank capacity of 2,500m <sup>3</sup> each and a height of 18m. The three smaller tanks have a tank capacity of 2,300m <sup>3</sup> , 1,350m <sup>3</sup> and 212m <sup>3</sup> and heights of 18m, 10.8m and 10.8m respectively, giving an additional 8862m <sup>3</sup> storage capacity to the current FFS operation	ECO	FFS Refiners (Pty) Ltd
2012- 2014	Compliance auditing of drum re-conditioners for the used oil industry in the Western Cape.	Assistant Environmental Consultant	The Rose Foundation
2012	Environmental legal compliance auditing of various Much Asphalt sites. The audit entailed review of national, provincial legislation and municipal by-laws and a site visit in order to determine whether the sites were compliant to the relevant environmental legislation.	Environmental Consultant	Much Asphalt
2011- 2013	Construction of a new De-Ashing Plant for FFS Vissershok Construction of a De-Ashing Plant. This project involved the monthly independent audits and reports of all the environmental and	ECO	FFS Refiners (Pty) Ltd

Date	Project Description	Role	Client
	social aspects of the construction phase the new De-Ashing Plant at Vissershok.		
2011- 2012	Construction of the new 1200m <sup>3</sup> Tank at FFS Cape Town Harbour Site. This project involved two site audits per month to ensure compliance to the Environmental Authorisation and Environmental Management Plan for the proposed project.	ECO	FFS Refiners (Pty) Ltd

**Language capabilities**

	<i>Speaking</i>	<i>Reading</i>	<i>Writing</i>
Afrikaans	Excellent	Excellent	Excellent
English	Excellent	Excellent	Excellent

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## Curriculum Vitae of Henry Holland - Visual Specialist

**Profession:** GIS Consultant  
**Date of Birth:** 26 December 1968

### BIOGRAPHICAL SKETCH

Henry has been doing GIS related work since 1992 when he started his M.Sc. in Geology. Since finishing his Masters he worked in Angola establishing a GIS department for a diamond exploration company, after which he worked on a freelance basis for eight years doing GIS related work and computer programming. In 2005 he established the Mapthis Trust which provides geospatial services for a range of environmental and geological companies and projects. Henry has been involved in Visual Impact Assessments (VIAs) since 1997.

### TERTIARY EDUCATION

<b>1996</b>	M. Sc. Geology/GIS	Rhodes University
<b>1986</b>	B.Sc. Hons	UOFS

### KEY EXPERIENCE

The table below presents an abridged list of Henry's project experience relevant to this proposal:

Completion Date	Project Description	Role	Client
2015	Umgeni Water Lovu and Tongaat Desalination Plants EIAs, KwaZulu-Natal	Author	CSIR
2015	Inyanda-Roodeplaas WEF, Uitenhage, EC	Author	SRK
2015	OTGC Oil Storage Terminal BA – Visual Impact, Durban, KZN	Author	CSIR
2014	Mainstream Dealesville Solar Plants VIA, Freestate Province	Author	CSIR
2014	Mulilo Solar Plants VIA, Northern Cape	Author	CSIR
2014	Frontier SRMOP EIA, Saldanha, WC	Author	CSIR
2013	Ishwati Emoyeni Wind Energy Facility VIA, Western Cape	Author	CSIR
2013	Venter Fert Composting and Fertiliser Plant	Author	Public Process Consultants
2013	Kipeto Power Line, Kenya	Author	Kipeto Energy Ltd.
2012	Ngqura Manganese Export Facility VIA, Coega, Eastern Cape	Author	CSIR
2012	Toliara Sands Mining Project VIA, Toliara, Madagascar	Author	CES
2012	Mkuze Biofuel Power Plant VIA, Mkuze, KwaZulu-Natal	Author	CSIR
2012	Vleesbaai WEF VIA, Western Cape	Author	CSIR
2012	Saldanha Desalination Plant VIA,	Author	CSIR

Completion Date	Project Description	Role	Client
	Saldanha Bay, Western Cape		
2012	Mossel Bay WEF, Western Cape	Author	CES
2012	Keimoes Solar Energy Facility, NC	Author	CSIR
2012	Douglas Solar Energy Facility, NC	Author	CSIR
2012	Richards Bay WEF VIA, KZN	Author	CES
2012	Hluhluwe WEF VIA, KZN	Author	CES
2012	Plan8 Grahamstown Wind Farm VIA, Eastern Cape	Author	CES
2012	Kipeto Wind Farm VIA, Kenya	Author	Galetech Energy Developments Ltd.
2011	Coega IDZ Zone 12 Wind Farm	Author	CSIR
2011	Haverfontein Wind Farm, Mpumalanga	Author	CES
2011	Middleton Wind Farm, Cookhouse	Author	CES
2011	Broadlands PV Plant, Humansdorp	Author	CSIR
2011	Ubuntu Wind Farm, Jeffrey's Bay	Author	CSIR
2011	Lushington Park Wind Farm, East London	Author	CES
2011	Chaba Wind Farm, Komga	Author	CES
2010	Thomas River Wind Farm and PV Park VIA, Stutterheim	Author	CES
2010	Eskom Power Line VIA, Kouga	Author	CES
2010	Laguna Bay Resort VIA	Author	CES
2010	Kouga Wind Farm VIA	Author	Arcus GIBB
2010	Electrawinds Coega Wind Farm VIA	Author	CSIR
2010	Innowind Coega Wind Farm VIA	Author	CES
2010	Jeffrey's Bay Wind Farm VIA, Jeffrey's Bay	Author	CSIR
2010	Cookhouse Wind Farm VIA, Cookhouse	Author	CES
2009	Waainek Wind Farm VIA, Grahamstown	Author	CES
2009	Coega Wind Turbine BA (Visual Input)	Author	CSIR
2009	Sierra Leone Ethanol Plant VIA	Author	CSIR
2009	NamWater Desalination Plant VIA, Swakopmund, Namibia	Author	CSIR
2009	Nooitgedagt/Coega Water Supply VIA, Motherwell	Author	SRK
2009	CDM Brewery VIA, Nampula, Mozambique	Author	CES
2009	TankaTara Preliminary Visibility Analysis, Addo	Author	CES
2008	Kouga Wind Energy Project VIA, Jeffreys Bay	Author	CSIR
2008	Aston Bay VIA	Author	CES
2008	NPA Boundary Wall VIA, Port Elizabeth	Author	CSIR
2008	Elitheni Coal Mining VIA, Indwe	Author	Savannah Environmental (PTY) Ltd.
2008	Coegakamma Chicken Broiler Housing VIA	Author	Public Process Consultants
2008	Amanzi Country Lifestyle Estate VIA, Uitenhage	Author	Public Process Consultants

## Curriculum Vitae of Ina Venter - Ecology (Vegetation and Freshwater) Specialist

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Name: **Catharina Elizabeth (Ina) Venter** trading as Kyllinga Consulting  
Position: Senior Ecologist and Wetland Scientist  
Date of Birth: 29 December 1979  
Nationality: South African  
Languages: Afrikaans, English

### EDUCATIONAL QUALIFICATIONS

- M.Sc (Botany), University of Pretoria (2003)
- B.Sc Hons (Botany), University of Pretoria (2001)
- B.Sc (Environmental Sciences), University of Pretoria (2000). Majored in Geography and Botany
- Matriculated, Sasolburg High School (1997)

### Additional

- Introduction to ArcGIS 1 (2006)
- Bringing your data into ArcGIS (2006)
- Introduction to ArcView 3.x (2003).

### FIELDS OF EXPERTISE

- **Ecological Assessment:**  
Ecological Assessments as part of the Environmental Impact Assessment Process
- **Wetland Assessment:**  
Wetland Assessments as part of the Environmental Impact Assessment Process and Water Use Applications, as well as rehabilitation plans for wetlands, including planning or the Working for Wetlands programme. Large scale wetland assessments (catchment scale).
- **GIS:**  
Compilation of maps for submission as part of Environmental Impact Assessment Process. Creating spatial databases and large scale wetland maps (catchment scale). Projection conversions and matching/overlying different format GIS maps.
- **Environmental Impact Assessment**  
Undertaken numerous Environmental Scoping Reports, as required by the Environment Conservation Act, 1989 (Act 73 of 1989), the National Environmental Management Act, 1998 (Act 107 of 1998), as amended and the Development Facilitation Act, 1995 (Act 67 of 1995). Project experience includes the establishment of various housing typologies, golf courses, commercial and industrial projects, infrastructure development (roads), resorts and/or game lodges as well as filling stations.
- **Public Participation:**  
Undertaken numerous public participation processes, ranging from basic to extensive, as required by relevant environmental legislation.

### MEMBERSHIP IN PROFESSIONAL SOCIETIES

- Professional Natural Scientist (Pr.Sci.Nat) in the field of Botanical Science (Reg no. 400048/08)
- Member of the Botanical Society of South Africa

### EMPLOYMENT HISTORY EXPERIENCE

#### **Kyllinga Consulting (July 2015 - present)**

Senior Ecologist responsible for wetland and ecological specialist assessments.

#### **Spatial Ecological Consulting (February 2010 – June 2015)**

Senior Ecologist responsible for wetland and ecological specialist assessments.

- Wetland Related Assessments

More than 40 wetland assessments conducted between 2010 and 2015.

- Vegetation Assessments

Approximately 16 vegetation assessments between 2010 and 2015.

- Management Plans

Completed two ecological management plans.

#### **MSA Group Services (previously Exigent Environmental CC) (August 2004 – January 2010)**

Environmental Scientist responsible for ecological and wetland assessments and the compilation of maps. Also conducted various scoping and EIA applications and EMPRs.

- Ecological Assessments

In excess of 50 ecological assessments conducted between 2004 and 2010, including managing the inclusion of the fauna specialist assessments.

- Wetland Assessments

*More than 60 wetland verification projects, wetland delineations and wetland assessments, completed between 2004 and 2010.*

- As well as:

*Rehabilitation Projects; Fatal Flaw / Screening Assessments; National Department of Agriculture Authorisations; Mining Related Assessments; Private, Public Partnership Projects; Resource Management Plans (RMP); Environmental Management Plans; Environmental Management Programme; Environmental Exemption Processes; Basic Assessments; Environmental Impact Assessments*

#### **Part-time employment (2002-2004)**

Tutor for botany practicals; Assisting Wildlife management students with Braun-Blanquette analysis; Researcher for a project on the vegetation communities and ecology of the Kruger National Park; Research assistant for the analysis of street trees in Tshwane urban forest; Various part time projects related to vegetation and wetlands

#### **COUNTRIES OF WORK EXPERIENCE**

- South Africa
- Lesotho
- Botswana
- Mozambique

#### **PAPERS AND PUBLICATIONS**

Co-author and data contributor to: SIEBEN, E. *et al.* The vegetation of inland wetlands with salt-tolerant vegetation in South Africa: description, classification and explanatory environmental factors, submitted to the South African Journal of Botany for review in Feb 2015.

Co-author and data contributor to: SIEBEN, E. *et al.* The herbaceous vegetation of subtropical freshwater wetlands in South Africa: description, classification and explanatory environmental factors, submitted to the South African Journal of Botany for review in Feb 2015.

Co-author and data contributor to: SIEBEN, E. *et al.* The vegetation of grass lawn wetlands of floodplains and pans in semi-arid regions of South Africa: description, classification and explanatory environmental factors, submitted to the South African Journal of Botany for review in Jan 2015.

Co-author of several vegetation descriptions in: MUCINA, L. & RUTHERFORD, M.C. (eds) 2006. The Vegetation of South Africa, Lesotho and Swaziland. Strelitzia 19. South African National Biodiversity Institute, Pretoria.

Venter, C.E. & Bredenkamp, G.J. In prep. Major plant communities on the Mfabeni swamp, St Lucia. *Bothalia*.

Venter, C.E.; Bredenkamp, G.J. & Grundling, P-L. 2003. Plant community types, and their association with habitat factors as ecosystem driving forces, of Mfabeni swamp. Proceedings of the congress: *Environment of the St Lucia Wetland: Processes of Change*, Cape Vidal, September 4<sup>th</sup>- 7<sup>th</sup>, 2003.

Venter, C.E.; Bredenkamp, G.J.; Grundling P-L. 2002. Vegetation change on rehabilitated peatland on Rietvlei Nature Reserve. *Kudu* 46(1):53-63.

## **PRESENTATIONS**

Venter, C.E.; Bredenkamp, G.J. & Grundling, P-L. 2003. Plant community types, and their association with habitat factors as ecosystem driving forces, of Mfabeni Swamp. *Environment of the St Lucia Wetland: Processes of Change*, Cape Vidal, September 4<sup>th</sup>- 7<sup>th</sup>, 2003.

### **Poster Presentations**

Venter, C.E.; Bredenkamp, G.J.; Grundling P-L. 2002. Baseline vegetation surveys of rehabilitated peatland on Rietvlei Nature Reserve. SAAB Convergence. Grahamstown.

Venter, C.E.; Bredenkamp, G.J.; Grundling P-L. 2003. Vegetation change on rehabilitated peatland on Rietvlei Nature Reserve. SAAB Convergence. Pretoria.

## Curriculum Vitae of Lukas Niemand - Terrestrial Fauna and Avifauna Specialist

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### CURRICULUM VITAE

Name: **LUKAS JURIE NIEMAND**  
Company: Pachnoda Consulting cc (Director)  
Date of Birth: 1974-03-12  
Nationality: South African  
Languages: English and Afrikaans

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#### EDUCATIONAL QUALIFICATIONS

1992 Hoerskool Hartbeespoort, Hartbeespoort - Senior Certificate.  
1996 University of Pretoria, Pretoria - B.Sc. (Zoology and Entomology)  
1997 University of Pretoria, Pretoria - B.Sc. (Hons) (Entomology).  
2001 University of Pretoria, Pretoria - M.Sc. (Restoration Ecology/Zoology).

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#### MEMBERSHIP IN PROFESSIONAL SOCIETY

- Professional Natural Scientist (Pr. Sci. Nat.) (Reg. no. 400095/06)
  - BirdLife South Africa
  - Hartbeespoort Natural Heritage Society
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#### EXPERIENCE

##### A. Work conducted in South Africa

- **1. General Ecological Assessments** (Fauna, Flora and Red Data Scans, including both functional and compositional aspects);
- Belvedere Trust, Proposed retirement village on Amorosa Agricultural Holdings, Roodepoort, Gauteng (2004);
- City of Joburg Property Development Company, Proposed upgrade and development of the Orlando Dam Intersection, Soweto, Gauteng (2004);
- PDNA, Proposed NASREC development, Johannesburg, Gauteng (2004);

- 17 Shaft Conference and Education Centre, Proposed establishment of the Veteran's Heritage Education Centre, Crown Mines, Gauteng (2004);
- GAUTRANS, Proposed re-alignment of Road D781 and construction of a road bridge over the Rietvleispruit, Kempton Park, Gauteng (2004);
- Mr N. Lang, Ecological Opinion on the proposed establishment of a township, Muldersdrift, Gauteng (2004);
- AGES, Proposed Equestrian Centre, Leeufontein 299 IR, Gauteng (2004);
- PDNA, Proposed new bridge and re-alignment of a portion of provincial road P101-2 (R51), Laversburg, Gauteng (2004);
- Blenneerville Investment (Pty) Ltd, Proposed construction of a residential and commercial development on of Paradiso Estate, Tweefontein 372 JR, Gauteng (2004);
- Les Roches (Pty) Ltd, Proposed zoning of holdings 1, 2 & 3 of Hyde Park Agricultural Holdings, Gauteng (2004);
- Transnet Limited, Terrestrial Faunal Ecological Opinion: Phase 1B expansion of the Sishen-Saldanha Iron ore export corridor, Saldanha Bay, Western Cape (2005);
- Celebration North Riding (Pty) Ltd, Proposed mixed land-use development, North Riding, Gauteng (2005);
- Wilderness Safaris, Proposed upgrade of the Manzenzwenya Dive Camp, Greater St. Lucia Wetlands Park, KwaZulu-Natal (2005);
- Wilderness Safaris, Proposed upgrade of the Rocktail Bay Camp, Greater St. Lucia Wetlands Park, KwaZulu-Natal (2005);
- GAEA Projects, Corridor Assessment for the proposed Sibaya Precinct, KwaZulu-Natal (2005);
- Computer Domain Holdings (Pty) Ltd, Red Data Floral Scan on portion 3 of the farm Elandshoek, portions 12 & 27 of the farm Groot Suikerboschkop, and portions 5 & 10 of the farm Palmielfontein, Dullstroom (2005);
- Zong's Property Investments, Proposed establishment of a residential development on a portion of Pomona Estates Agricultural Holdings, Pomona, Gauteng (2005);
- GJ van Zyl Trust, Proposed development of a resort on the Farm Witpoort 216 JS, Mpumalanga (2005);
- Mr. Howard Walker, Proposed subdivision of the Farm Lunsklip 105 JT, and the Farm Morgenzon 122 JT, for the establishment of a private resort, Dullstroom, Mpumalanga (2005);
- Lavender Manor cc, Proposed establishment of a retail, commercial and Lavender Manor Township on part of farm Rietfontein 189 IQ, Muldersdrift, Gauteng (2005);

- Geo Pollution Technologies, Proposed establishment of a residential development: Noordwyk Ext 65 & 80 on Erand Agricultural Holdings, Midrand, Gauteng (2005);
  - Mr. A. Le Roux, Proposed Cradle View Country Estate, Muldersdrift, Gauteng (2006);
  - Viking Bay Development Company (Pty) Ltd, Proposed Viking Bay freshwater marina and hotel development, Vaal Dam, Gauteng (2006);
  - Land for Africa (Pty) Ltd, Ecological Opinion for the proposed establishment of a residential township on holding 122 Erand Agricultural Holding Extension 1, Halfway House, Midrand, Gauteng (2006);
  - Brickot Developments cc, Ecological opinion for the proposed Bethal Retirement Village on the remainder of portion 3 of the farm Mooifontein 108 IS, Bethal, Mpumalanga (2006);
  - Brawild (Pty) Ltd, Red Data Scan for the proposed Annlin Ex 117, Pretoria, Gauteng (2006);
  - Mbombela Local Municipality, Ecological Opinion for the proposed extension of the Lowveld Botanical Gardens, Nelspruit, Mpumalanga (2006);
  - Natural Scientific Services cc, Botanical survey for the SASOL Mafutha coal project near Lephahale, Limpopo Province, RSA (2008);
  - SRK Consulting, Ecological assessment on Viakfontein area, NW of Ogies, Mpumalanga. Report compiled in association with EkoInfo (2009); and
  - Aurecon, Desktop biodiversity assessment and wetland scan: upgrade of the River View waste water treatment works, eMalahleni, Mpumalanga province. Report compiled in association with Imperata Consulting (2009).
2. Mining and Industrial related projects (ecological)
- Lonmin Platinum (Western Platinum Limited), Ecological Assessment for the proposed MK3 Shaft Complex on the farm Wonderkop 400 JQ, Rustenburg, North West Province (2004);
  - Impala Platinum Limited, Ecological Assessment for prospecting SEMP's on the farms Buffelshoek 386 KT, Kalkfontein 367 KT, Spitskop 333 KT, Steelpoortpark 366 Kt and Tweefontein 360 KT and Hackney 116 KT (all Sekhukhuleni), Mpumalanga and Limpopo Province (2004);
  - Trans-Caledon Tunnel Authority (TCTA), Ecological Assessment for borrow pit SEMP's on the TCTA pipeline, Vaal Marina to Secunda (2005);
  - Boynton Platinum (Pty) Ltd, Ecological Assessment for the proposed establishment of platinum mines on the farms Tuschenkomst 135 JP, Wilkeifontein 136 JP and Ruighoek 169 JP, North West Province (2005);
  - Impala Platinum Holdings, Ecological Assessment for prospecting SEMP's on the Impala Platinum Bafokeng Mining Complex, North West Province (2005);



- Ceramic Industries Limited, Ecological Assessment of the Rietspruit Clay Quarries, Vanderbijlpark, Gauteng (2005);
- Ekurhuleni Metropolitan Municipality, Ecological Assessment Report for the proposed GLB Landfill Site on the farm Zesfontein 27 IR, Benoni, Gauteng (peer reviewed, 2006);
- Ceramic Industries Limited, Ecological Assessment of the Leeukuil Clay Quarries, Vanderbijlpark, Gauteng (2006);
- Council for Geoscience, Habitat sensitivity assessment scoping report for Bon Accord quarry on a portion of the farm de Onderstepoort 300-JR, Tshwane, Gauteng (2007);
- Fraser Alexander, Biodiversity action plan for Lonmin Limpopo & Platinum, North West & Limpopo Province, RSA (2008-2009);
- Envirolution Consulting (Pty) Ltd., Ecological screening report and site selection process for an Eskom general landfill and hazardous waste storage facility near Lephalale, Limpopo Province, RSA (2009);
- Envirolution Consulting (Pty) Ltd., Ecological assessment for the proposed construction of an Eskom general landfill and hazardous waste storage facility at the Matimba Power Station, Limpopo Province, RSA (2009);
- Shangoni/Vergenoeg Mining Company, Ecological assessment for the proposed construction of a slurry pipeline and waste rock dump at the Vergenoeg Mine, Gauteng (2011);
- ENVASS, An ecological evaluation (vertebrate & avifaunal component) for the proposed alternative energy plant on Portion 3, 4 & 5 of the Farm Groenwater 453, Northern cape (2012); and
- ENVASS, Ecological evaluation (vertebrate & avifaunal component) for the proposed alternative energy plant on Ixun & khwe, Northern cape (2012).

### **3. Avifaunal and Invertebrate Assessments:**

- Lavender Manor cc, Red Data Bird Assessment for the proposed establishment of a retail, commercial and Lavender Manor Township on part of the farm Rietfontein 189 IQ, Muldersdrift, Gauteng (2004);
- Helga Schneider & Associates, Avifaunal & Invertebrate Red Data Assessment for the proposed rezoning & subdivision on Erf 6486 Orange Farm Ext 2, Johannesburg, Gauteng (2005);
- TOWNDEV, Avifaunal and Arachnid Assessment for the proposed subdivision of Grootfontein 349 JR, Rievel Dam, Gauteng (2006);
- Prof. Van Rensburg, Red Data Invertebrate Scan for the proposed Rietvalleirand Extension 59, Gauteng (2006);

- Group Five Property Development, Invertebrate Assessment for the proposed Buccleuch Ex 1, Gauteng (2006);
- Zong's Property Investments, Avifaunal and *Metisella meninx* assessment for the establishment of a residential development on a portion of Pomona Estates Agricultural Holdings, Pomona, Gauteng (2006);
- Waterval Islamic Institute, Avifaunal and Invertebrate Assessment for the proposed Northern Golf Course Development, Midrand, Gauteng (2006);
- Ekurhuleni Metropolitan Municipality, Avifaunal & Invertebrate Red Data Assessment for the proposed low-cost housing development on Olifantsfontein 410 JR, Gauteng (2006);
- City of Tshwane Metropolitan Municipality, Invertebrate Red Data Scan for the proposed flood remediation and river upgrade at Soshanguve, Gauteng (2006);
- AGES, Invertebrate assessment for the proposed mining activities on the farm Thorndcliffe 374 KT, Xstrata Eastern Mines, Mpumalanga (2007)
- AGES, Mammal and invertebrate assessment for the proposed Kalplats project, Stella, North West Province (2007)
- Exigent Engineering Consultants, Invertebrate assessment for the proposed Derdepoort X 11, Derdepoort, Gauteng (2007);
- Exigent Engineering Consultants, Invertebrate and Avifaunal scan for the proposed Cutty Sark hotel extension, Scottburgh, Kwazulu-Natal (2007);
- Strategic Environmental Focus, African Grass Owl assessment on the proposed Cradle View country estate on portion 60 of the farm Driefontein 179 IQ, Muldersdrift, Gauteng (2007);
- GEOLAB, Ecological assessment for the West Rand Gold Operations (WERGO) Witfontein tailings disposal facility, Mintails, Gauteng, RSA (2008);
- Coastal Environmental Services, Avifaunal Assessment for the proposed mining of heavy minerals at Port Durnford (Exxaro KZN-Sands), KwaZulu-Natal (2008);
- SRK & Natural Scientific Services cc, A feasibility study for the mining of coal north of the Limpopo Province. Avifaunal & invertebrate assessment, Rio Tinto Exploration, Limpopo Province, RSA (2009);
- Eskom/Baagi Environmental, An environmental management plan (avifaunal & faunal component) for the proposed Dinaledi - Spitskop 400 kV transmission line, North West Province (2010);
- Eskom/Baagi Environmental, An avifaunal impact report for the proposed 400 kV Ariadne-Venus transmission line between Estcourt and Pietermaritzburg, KwaZulu-Natal (2010);
- Eskom/Baagi Environmental, An avifaunal impact assessment report for a 275 kV power line between the substations of Glockner and Kookfontein, Vanderbijlpark, Gauteng (2010);

- Groundwater Consulting Services (Pty) Ltd/EkoInfo, An invertebrate and avifaunal specialist report for the proposed expansion of Exxaro's Glisa coal mine, Belfast, Mpumalanga (2010);
- Eskom/Baagi Environmental, An environmental management plan (avifauna component) for the proposed 400 kV Medupi-Massa transmission lines, Limpopo Province (2011);
- Eskom/Baagi Environmental, An avifaunal and fauna impact assessment report for the proposed 400 kV Arnott-Gumeni transmission line, Mpumalanga Province (2012);
- Eskom/Baagi Environmental, An environmental management plan (avifaunal component) for the proposed 400 kV Ngwedi transmission line and substation, North West Province (2012);
- Exxaro/EkoInfo, An avifaunal and invertebrate assessment (as part of a Biodiversity Assessment and action plan) for the Gravelotte MagVanTi Mining Area, Limpopo Province (2012);
- Groundwater Consulting Services (Pty) Ltd/EkoInfo, An invertebrate and avifaunal specialist report for the proposed Paardeplaats coal mine area, Belfast, Mpumalanga (2012);
- Groundwater Consulting Services (Pty) Ltd/EkoInfo, An invertebrate and avifaunal specialist report for the proposed Leeuwpans coal mine area, Belfast, Mpumalanga (2013);
- Eskom/Baagi Environmental, An environmental management plan (avifaunal component) for the proposed Medupi - Borutho 400 kV transmission line, Limpopo Province (2012);
- Eskom/Baagi Environmental, An environmental management plan (avifaunal component) for the proposed Gromis - Oranjemund 400 kV transmission line, Northern Cape (2013);
- Eskom/Baagi Environmental, An environmental management plan (avifaunal component) for the proposed Ariadne - Eros 400 kV transmission line, KwaZulu-Natal (2014);
- Eskom/Baagi Environmental, An avifaunal and fauna impact assessment report for the proposed 400 kV Nzhelele - Triangle Project, Musina, Limpopo Province (2014);
- Exxaro/EkoInfo, An avifauna and invertebrate investigation for the proposed Zonderwater Coal Project, Lephalele, Limpopo Province (2014);
- Eskom/Baagi Environmental, An environmental management plan (avifaunal component) for the proposed Everest - Merapi 400 kV transmission line, Free State Province (2015); and
- Malelane Safari Resort Investments, An avifaunal investigation for the proposed safari lodge near Malelane Gate, Kruger National Park (2015).
- 
- 4. Other Assessments:
- Facilitation, project management and conduction of environmental scoping exercises, Environmental Impact Assessments, Environmental Management Plans, Feasibility Reports, for a range of projects and issues such as:
  - Housing Projects (West Rand Housing Projects) for the Gauteng Department of Housing;
  - Planning and facilitation of environmental awareness workshops (Winterveldt Workshops for the Department of Environmental Affairs and Tourism);

- Compilation and evaluation of EIA reports and Environmental Management Plans (EMPs) for both the private and public sector (e.g. Scoping Report for the relocation of oxidation ponds for the Mqheke Local Municipality and the installation of an underground additive tank for Sasol Oil (Pty) Ltd).
- Urban Renewal Projects. Bekkersdal Urban Renewal Project and the Greater Evaton Urban Renewal Project for the Gauteng Department of Housing.
- Douglas Collieries (Inkwe Collieries), Biodiversity Assessment and database compilation of the Douglas Collieries (2005);
- Orion Group, Ecological Sensitivity Map for the proposed golf course and related facilities, Mont-Aux-Sources (2005);
- City of Joburg Property Development Company, Specialist *Lepidium mossii* assessment for the proposed upgrade and development of the Orlando Dam Intersection, Soweto, Gauteng (2005);
- Johannesburg Roads Agency, Alien Eradication and Rehabilitation Programme for the proposed upgrade of 14<sup>th</sup> Avenue, Randburg, Gauteng (2006);
- City of Joburg Property Development Company, Ecological Management Plan for the Orlando Dam intersection, Soweto, Gauteng (2006);
- GJ van Zyl Trust, Alien Eradication Programme for the proposed development of a resort on the Farm Witpoort 216 JS, Mpumalanga (2006);
- GJ van Zyl Trust, Fire Management Plan for the proposed development of a resort on the Farm Witpoort 216 JS, Mpumalanga (2006); and
- Khutala Collieries (Inkwe Collieries), Biodiversity Assessment and database compilation (2006)
- 
- 5. Linear Assessments:
- Johannesburg Roads Agency, Ecological Assessment for the Proposed upgrade of 14<sup>th</sup> Avenue, Randburg, Gauteng (2004).
- Trans-Caledon Tunnel Authority (TCTA), Proposed Vaal River Eastern Subsystem Augmentation (VRESAP) pipeline from Vaal Marina to Secunda (2005);
- PBA International (in association with Bathusi EC), Ecological Scoping Report for the proposed Eskom Delta-Epsilon 765 kV Transmission lines (2007);
- Bohlweki Environmental (in association with Bathusi EC), Ecological Scoping Report for the proposed Eskom Matelane-Boulders 132 kV Distribution line (2007);
- Bohlweki Environmental (in association with Bathusi EC), Ecological Scoping Report for the proposed Eskom Marathon-Delta 132 kV Distribution line (2007);

- Strategic Environmental Focus, Avifaunal EIA Report for the proposed Eskom Hendrina-Prairie-Marathon 400 kV Transmission line, Mpumalanga (2007);
- Natural Scientific Services cc, Botanical survey for the proposed upgrade of the Transnet railway line between Hotazel, Northern Cape and the Port of Ngqura, Eastern Cape, RSA (2008);
- Envirovolution Consulting (Pty) Ltd, Ecological Report for the proposed Eskom Apollo-Lepini 400kV transmission line (2009);
- Arcus Gibb, An ecological investigation for the Tumelo 132 kV distribution line and power line near Kagiso, Gauteng (2010);
- Ekoinfo/SANRAL, Faunal investigation for the upgrade of the N3 highway (2011); and
- Aurecon (Pty) Ltd, Baseline vegetation survey for the Mokolo – Crocodile River Augmentation Project (MCWAP) pipeline from Mokolo Dam to Thabazimbi (2011).

**B. Work conducted in other African countries:**

- Rural Maintenance, Invertebrate study for four mini-hydroelectric generation plants, Northern Malawi, Africa (2010);
- Impacto, An avifaunal study (Phase 1) for the proposed Mpanda Nkwua Dam in the Zambezi River, Mozambique, Tete Province (2010);
- Conseil Régional des Pays de la Loire, An avifaunal investigation of the Rusizi and Ruvubu National Parks (Burundi), and the feasibility of establishing an avi-tourism network with specific emphasis on the protection of important flyways used by Palearctic birds - of - prey (2010);
- Impacto, An avifaunal study (Phase 2) for the proposed Mpanda Nkwua Dam in the Zambezi River, Mozambique, Tete Province (2011);
- Rural Maintenance, Invertebrate scan for the expansion of coal mining activities at Kayelekera, Northern Malawi, Africa (2011);
- Rural Maintenance, Invertebrate study for a mini-hydroelectric plant at the Chisanga Falls, Nyika National Park, Malawi (2011);
- Impacto/ERM/Enviro-Insight, Avifaunal investigation for the proposed Ncondezi Coal Mine, Tete Province, Mozambique (2011);
- Enviro-Insight, Avifaunal investigation for the Riversdale Coal Mine complex, Tete Province, Mozambique (2011);
- Anadarko Petroleum/ERM/Enviro-Insight, Avifaunal investigation for the proposed Anadarko Mozambique Area 1 Liquefied Natural Gas plant in northern Mozambique, Cabo Delgado Province, Mozambique (2012);

- Coffey Environments/Ekolinfo, Avifaunal investigation for the mining of iron ore by Baobab Resources, Tete Province, Mozambique (a scoping-level assessment); and
- SRK/Flora, Fauna and Man Ecological Services, An avifaunal and invertebrate assessment for the establishment of a potash mine at Konkoati, Republic of the Congo (2012);
- China Union/ERM/Enviro-Insight, Avifaunal investigation for the proposed mining of iron ore in Bong County, Liberia (2012);
- SRK/Flora, Fauna and Man Ecological Services, An invertebrate assessment for the mining of iron ore by DMC Congo Mining/Exxaro at Mayoko, Republic of the Congo (2012);
- Western Cluster/ERM/Enviro-Insight, Avifaunal investigation for the proposed mining of iron ore at Bomi Hills, Bomi County, Liberia (2013);
- SRK/Flora, Fauna and Man Ecological Services, An invertebrate assessment for the establishment of an ecological offset for the DMC Congo Mining/Exxaro Iron Ore Mine at Mayoko, Republic of the Congo (2013);
- Western Cluster/ERM/Enviro-Insight, Avifaunal investigation for the proposed mining of iron ore at Bea Mountain, Grand Cape Mount County, Liberia (2013);
- Western Cluster/ERM/Enviro-Insight, Avifaunal investigation for the proposed mining of iron ore at Mano River, Grand Cape Mount County, Liberia (2013);
- Anadarko Petroleum/ERM/Enviro-Insight, DUAT Area Terrestrial Ecology Baseline Augmentation: Avifaunal Component with emphasis on determining important flyways for emblematic non-passerine birds where the potential risk of avian collisions to approaching aircraft is eminent during the establishment of an airstrip, Cabo Delgado Province, Mozambique (2012);
- Anadarko Petroleum/ERM/Enviro-Insight, Regional Terrestrial Baseline Report, Avifaunal Component for the Mozambique Gas development with emphasis on critical habitat as per the IFC PS6, Cabo Delgado Province, Mozambique (2012);
- WSP/Flora, Fauna and Man Ecological Services, An invertebrate assessment for the establishment of a phosphate mine, Hinda Phosphate Project, Republic of the Congo (2014);
- De Beers/Bathusi Environmental, An avifaunal monitoring report for the Letseng Diamond Mine, Lesotho (2015);
- Aureus Mine/Enviro-Insight, An avifaunal investigation for the proposed mining of gold at the New Liberty Gold Mine, Liberia (current);

**C. Additional Experience:**

- Monitoring and evaluation of the rehabilitation programme for the mining company Richards Bay Minerals (RBM) with special reference to vegetation, bird, small mammal and millipede assemblages.

- Other responsibilities include assessment of the ecological standard operating procedures (SOP) according to RBM's environmental management programme in compliance with ISO 14001 environmental standards accreditation process.
- Participated in the annual relief programme on the S.A Agulhas voyage to Subantarctic Marion Island (Prins Edward group). Took part in the research to estimate the population dynamics and demography of the alien house mouse (*Mus musculus*) on the island (under supervision of the University of Pretoria).
- Participated in the preparation of a conservation management plan for a game and trout farm in conjunction with Mpumalanga Parks Board (in charge of the bird section) for the farm Nu-Scotland Bavaria.
- Lead a successful professional bird tour (party of 12) to the Eastern Zimbabwean highlands and adjacent Mashonaland Plato (10 days).
- Lead a successful professional bird tour (party of 9) to the Cape Peninsula, Karoo and West Coast (10 days).
- Lead a successful professional bird tour (party of 12) to the Swaziland and Northern Zululand (10 days).
- Lead a successful professional bird tour (party of 15) to the Namibia (10 days).
- Lead a successful professional bird tour (party of 14) to the Eastern Drakensberg and Lesotho (10 days).

**Employment History:**

March 2007 – Current: of Director of Pachnoda Consulting cc

2004- January 2007: Strategic Environmental Focus (Pty) - Terrestrial Ecologist

2003 – 2004: Enviro-Afrik (Pty) Ltd- Environmental Consultant

2001 – 2003: University of Pretoria - Research Assistant

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**PUBLICATIONS:**

- McEWAN, K.L., ALEXANDER, G.J., NIEMAND, L.J. & BREDIN, I.P. 2007. The effect of land transformation on diversity and abundance of reptiles. Paper presented at the 50<sup>th</sup> Anniversary Conference of the Zoological Society of Southern Africa.

- NIEMAND, L. 1997. Distribution and consumption of a rust fungus *Ravenelia macowaniana* by micro-lepidopteran larvae across an urban gradient: spatial autocorrelation and impact assessment. Honors publication, University of Pretoria, Pretoria.
- NIEMAND, L. 2001. The contribution of the bird community of the regenerating coastal dunes at Richards Bay to regional diversity. MSc Thesis, University of Pretoria, Pretoria.
- VAN AARDE, R.J., WASSENAAR, T.D., NIEMAND, L., KNOWLES, T., FERREIRA, S. 2004. Coastal dune forest rehabilitation: a case study on small mammal and bird assemblages in northern KwaZulu-Natal, South Africa. In: Martínez, M.L. & Psuty, N. (Eds.) *Coastal sand dunes: Ecology and Restoration*. Springer-Verlag, Heidelberg.
- VAN AARDE, R., DELPORT, J. & NIEMAND, L. 1999. Of frogs and men. *Mechanical Technology*, June: 32-33.
- VAN AARDE, R., DELPORT, J. & NIEMAND, L. 1999. Gone Frogging. *Getaway*, January: 80-83.

**PRESENTATIONS & CONFERENCES:**

- Co-presenter at the Wetland Training Course (30 July – 3 August 2007) entitled: "Wetland-associated fauna". University of Pretoria, Pretoria.
- Co-presenter and lecturer of the pre-conference training course (entitled "Can rehabilitation contribute towards biodiversity?") at the 3rd Annual LaRSSA (Land Rehabilitation Society of Southern Africa) Conference (8-11 September 2015), Glenburn Lodge, Muldersdrift, Gauteng.



## Curriculum Vitae of Johann Lanz - Soils and Agricultural Specialist

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### Education

- |  |                            |                  |
|--|----------------------------|------------------|
| • M.Sc. (Environmental Geochemistry)                 | University of Cape Town    | 1996 - June 1997 |
| • B.Sc. Agriculture (Soil Science, Chemistry)        | University of Stellenbosch | 1992 - 1995      |
| • BA (English, Environmental & Geographical Science) | University of Cape Town    | 1989 - 1991      |
| • Matric Exemption                                   | Wynberg Boy's High School  | 1983             |

### Professional work experience

I am registered as a Professional Natural Scientist (Pri.Sci.Nat.) in the field of soil science, registration number 400268/12.

- **Soil Science Consultant** **Self employed** **2002 - present**

I run a soil science consulting business, servicing clients in both the environmental and agricultural industries. Typical consulting projects involve:

- Soil specialist study inputs to EIA's, SEA's and EMPR's. These have focused on impact assessments and rehabilitation on agricultural land, rehabilitation and re-vegetation of mining and industrially disturbed and contaminated soils, as well as more general aspects of soil resource management. Recent clients include: CSIR; SiVEST; Savannah Environmental; Aurecon; Subsolar; Red Cap Investments; MBB Consulting Engineers; Enviroworks; Sharples Environmental Services; Mainstream Renewable Power; Haw & Inglis; BioTherm Energy; WKN Windcurrent; Corobrik; Western Cape Provincial Department of Environmental Affairs and Development Planning; Alcan aluminium smelter (Coega); Namaqualand Restoration Initiative; AECI; Afrimat; Tiptrans.
- Soil resource evaluations and mapping for agricultural land use planning and management. Recent clients include: Zewenwacht Wine Estate, Lourensford Fruit Company; Thelema Mountain Vineyards; Delaire Wine estate; Newton-Johnson Wines; Spier Estate; Colors Fruit; Kaarsten Boerdery; Amanzi Country Estate (Port Elizabeth); Rudera Wines; Flagstone Wines; Cob Creek Estate (Jeffreys Bay); Solms Delta Wines; Dornier Wines.
- I have conducted several recent research projects focused on conservation farming, soil health and carbon sequestration.
- I have project managed the development of soil nutrition software for Farmsecure Agri Science.

- **Soil Science Consultant** **Agricultural Consultants** **1998 - end 2001**  
**International (Tinie du Preez)**

Responsible for providing all aspects of a soil science technical consulting service directly to clients in the wine, fruit and environmental industries all over South Africa, and in Chile, South America.

- **Contracting Soil Scientist** **De Beers Namaqualand Mines** **July 1997 - Jan 1998**

Completed a contract to make recommendations on soil rehabilitation and re-vegetation of mined areas.

### Publications

- Lanz, J. 2012. Soil health: sustaining Stellenbosch's roots. In: M Swilling, B Sebitosi & R Loots (eds). *Sustainable Stellenbosch: opening dialogues*. Stellenbosch: SunMedia.
- Lanz, J. 2010. Soil health indicators: physical and chemical. *South African Fruit Journal*, April / May 2010 issue.
- Lanz, J. 2009. Soil health constraints. *South African Fruit Journal*, August / September 2009 issue.
- Lanz, J. 2009. Soil carbon research. *AgriProbe*, Department of Agriculture.
- Lanz, J. 2005. Special Report: Soils and wine quality. *Wineland Magazine*.

I am a reviewing scientist for the *South African Journal of Plant and Soil*.

## Curriculum Vitae of Dr. Jayson Orton - Heritage Specialist



*Curriculum Vitae*

*Jayson David John Orton*

*ARCHAEOLOGIST AND HERITAGE CONSULTANT*

### Contact Details and personal information:

**Address:** 6A Scarborough Road, Muizenberg, 7945  
**Telephone:** (021) 788 8425  
**Cell Phone:** 083 272 3225  
**Email:** jayson@asha-consulting.co.za

**Birth date and place:** 22 June 1976, Cape Town, South Africa  
**Citizenship:** South African  
**ID no:** 760622 522 4085  
**Driver's License:** Code 08  
**Marital Status:** Married to Carol Orton  
**Languages spoken:** English and Afrikaans

### Education:

SA College High School	Matric	1994
University of Cape Town	B.A. (Archaeology, Environmental & Geographical Science)	1997
University of Cape Town	B.A. (Honours) (Archaeology)*	1998
University of Cape Town	M.A. (Archaeology)	2004
University of Oxford	D.Phil. (Archaeology)	2013

\*Frank Schweitzer memorial book prize for an outstanding student and the degree in the First Class.

### Employment History:

Spatial Archaeology Research Unit, UCT	Research assistant	Jan 1996 – Dec 1998
Department of Archaeology, UCT	Field archaeologist	Jan 1998 – Dec 1998
UCT Archaeology Contracts Office	Field archaeologist	Jan 1999 – May 2004
UCT Archaeology Contracts Office	Heritage & archaeological consultant	Jun 2004 – May 2012
School of Archaeology, University of Oxford	Undergraduate Tutor	Oct 2008 – Dec 2008
ACO Associates cc	Associate, Heritage & archaeological consultant	Jan 2011 – Dec 2013
ASHA Consulting (Pty) Ltd	Director, Heritage & archaeological consultant	Jan 2014 –

### Memberships and affiliations:

South African Archaeological Society Council member	2004 –
Assoc. Southern African Professional Archaeologists (ASAPA) member	2006 –
ASAPA Cultural Resources Management Section member	2007 –
UCT Department of Archaeology Research Associate	2013 –
Heritage Western Cape APM Committee member	2013 –

UNISA Department of Archaeology and Anthropology Research Fellow  
Fish Hoek Valley Historical Association

2014 –  
2014 –

### **Professional Accreditation:**

**ASAPA membership number: 233, CRM Section member**

Principal Investigator: Coastal shell middens (awarded 2007)  
Stone Age archaeology (awarded 2007)  
Grave relocation (awarded 2014)  
Field Director: Rock art (awarded 2007)  
Colonial period archaeology (awarded 2007)

### **Fieldwork and project experience:**

Extensive fieldwork as both Field Director and Principle Investigator throughout the Western and Northern Cape, and also in the western parts of the Free State and Eastern Cape as follows:

#### Phase 1 surveys and impact assessments:

- Project types
  - Notification of Intent to Develop applications (for Heritage Western Cape)
  - Heritage Impact Assessments (largely in the Environmental Impact Assessment or Basic Assessment context under NEMA and Section 38(8) of the NHRA, but also self-standing assessments under Section 38(1) of the NHRA)
  - Archaeological specialist studies
  - Phase 1 test excavations in historical and prehistoric sites
  - Archaeological research projects
- Development types
  - Mining and borrow pits
  - Roads (new and upgrades)
  - Residential, commercial and industrial development
  - Dams and pipe lines
  - Power lines and substations
  - Renewable energy facilities (wind energy, solar energy and hydro-electric facilities)

#### Phase 2 mitigation and research excavations:

- ESA open sites
  - Duinefontein, Gouda
- MSA rock shelters
  - Fish Hoek, Yzerfontein, Cederberg, Namaqualand
- MSA open sites
  - Swartland, Bushmanland, Namaqualand
- LSA rock shelters
  - Cederberg, Namaqualand, Bushmanland
- LSA open sites (inland)
  - Swartland, Franschhoek, Namaqualand, Bushmanland
- LSA coastal shell middens
  - Melkbosstrand, Yzerfontein, Saldanha Bay, Paternoster, Dwarskersbos, Infanta, Knysna, Namaqualand
- LSA burials
  - Melkbosstrand, Saldanha Bay, Namaqualand, Knysna
- Historical sites
  - Franschhoek (farmstead and well), Waterfront (fort, dump and well), Noordhoek (cottage), variety of small excavations in central Cape Town and surrounding suburbs
- Historic burial grounds
  - Green Point (Prestwich Street), V&A Waterfront (Marina Residential), Paarl

## Curriculum Vitae of John Almond - Palaeontological Specialist

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JOHN E. ALMOND Ph.D. (Cantab)

*Natura Viva* cc, PO Box 12410 Mill Street, Cape Town 8010, RSA  
tel: (021) 462 3622 e-mail: naturaviva@universe.co.za

- Honours Degree in Natural Sciences (Zoology), University of Cambridge, UK (1980).
- PhD in Earth Sciences (Palaeontology), University of Cambridge, UK (1986).
- Post-doctoral Research Fellowships at University of Cambridge, UK and Tübingen University, Germany (Humboldt Research Fellow).
- Visiting Scientist at various research institutions in Europe, North America, South Africa and fieldwork experience in all these areas, as well as in North Africa.
- Scientific Officer, Council for Geoscience, RSA (1990-1998) - palaeontological research and fieldwork - especially in western RSA and Namibia.
- Managing Member, *Natura Viva* cc - a Cape Town-based company specialising in broad-based natural history education, tourism and research - especially in the Arid West of Southern Africa (2000 onwards). *Natura Viva* cc produces **technical reports** on palaeontology, geology, botany and other aspects of natural history for public and private nature reserves.
- Current palaeontological research focuses on fossil record of the Precambrian / Cambrian boundary (especially trace fossils), and the Cape Supergroup of South Africa.
- Registered Field Guide for South Africa and Namibia
- Member of the A-team, Botanical Society of SA (Kirstenbosch Branch) - involved in teaching and training leaders for botanical excursions. Invited leader of annual Botanical Society excursions (Kirstenbosch Branch) to Little Karoo, Cederberg, Namaqualand and other areas since 2005.
- Professional training of Western and Eastern Cape Field Guides (FGASA Level 1 & 2, in conjunction with *The Gloriosa Nature Company*) and of Tourist Guides in various aspects of natural history.
- Involved in extra-mural teaching in natural history since the early 1980s. Extensive experience in public lecturing, running intensive courses and leading field excursions for professional academics as well as enthusiastic amateurs (e.g. Geological Society / Archaeological Society / Friends of the SA Museum / Cape Natural History Club / Mineral Club / Botanical Society of South Africa / SA Museum Summer & Winter School Programmes / UCT Summer School)
- Development of palaeontological teaching materials (textbooks, teachers guides, palaeontological displays) and teacher training for the new school science curriculum (GET, FET).
- Former long-standing member of Archaeology, Palaeontology and Meteorites Committee for Heritage Western Cape (HWC). Advisor on palaeontological conservation and management issues for the Palaeontological Society of South Africa (PSSA), HWC and SAHRA

(including APM Permit Committee at HWC). Compilation of **technical reports on provincial palaeontological heritage of Western, Northern and Eastern Cape** for SAHRA and HWC. Accredited member of PSSA and APHP (Association of Professional Heritage Practitioners, Western Cape).

- **Palaeontological impact assessments for developments in the Western Cape, Eastern Cape, Northern Cape, Free State, Northwest Province, Mpumalanga, Gauteng.**
- Several hundred **palaeontological heritage desktop studies and field assessments** completed over the past few years. Examples of recent larger projects include:
  - (1) Several major alternative energy projects (wind / solar) in the Prieska, De Aar and Cookhouse / Middleton areas (N. Cape, E. Cape)
  - (2) Palaeontological heritage survey of the Coega IDZ (E. Cape)
  - (3) On-going survey of borrow pits in the Western Cape
  - (4) Palaeontological heritage assessments for the Transnet 16 mtpa railway development, Hotazel to Coega IDZ (N. Cape, E. Cape)
  - (5) Eskom transmission line developments such as Gamma-Omega and Gamma Perseus projects (N. Cape, W. Cape, Free State)
  - (6) Mining exploration studies on the Great Karoo
  - (7) National Wind and Solar PV Strategic Environmental Assessment Specialist Report - Heritage (palaeontological component)
- **Reviews of fossil heritage** related to new 1: 250 000 geological maps published by the Council for Geoscience (Geological Survey of SA) - e.g. Clanwilliam, Loeriesfontein, Alexander Bay sheets.

## Curriculum Vitae of Rudolph du Toit - Socio-Economic Impact Assessment

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### Personal information

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**Name:** Rudolph du Toit  
**Firm:** Council for Scientific and Industrial Research (CSIR)  
**Position in Firm:** Senior Environmental Planner  
**Profession:** Environmental Planning, Assessment & Management  
**Date of Birth:** 23 May 1978  
**Languages:** English and Afrikaans  
**Marital status:** Married  
**Email:** rdutoit@csir.co.za  
**Telephone number:** 021 888 2538 / 076 902 6479

### Tertiary Education

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#### Undergraduate

Bachelor of Arts (BA) Environmental and Development Studies  
Department of Geography and Environmental Studies  
University of Stellenbosch (US), 2003-2005

Bachelor of Law (LLB) (in progress)  
College of Law  
University of South Africa (UNISA), 2015

#### Honours

Bachelor of Philosophy (B.Phil.) Sustainable Development Planning and Management  
School for Public Leadership  
University of Stellenbosch (US), 2006

#### Masters

Master of Philosophy (M.Phil.) Development Planning  
School of Public Leadership  
University of Stellenbosch (US), 2007-2009

### Employment Experience

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- 1. Organisation:** Independent contractor for the CapeNature Working for Water Project  
**Position:** Team leader: Natural resource management (Alien clearing)  
**Period:** 1998 to 2001
- 2. Organisation:** Magnetic South  
**Position:** Outdoor pursuit management  
**Period:** 2003 to 2007 (part-time during studies)
- 3. Organisation:** Strategic Environmental Focus (SEF) (Pty) Ltd.  
**Position:** Sustainability coordinator: Environmental planning & reporting  
**Period:** 2008 to 2010
- 4. Organisation:** Council for Scientific and Industrial Research (CSIR)

- Position: Environmental Planner  
Period: 2010 to present
5. Organisation: University of Stellenbosch  
Position: Guest lecturer: Development Planning and Environmental Analysis module  
Period: 2013 to present
6. Organisation: University of Stellenbosch  
Position: External course moderator: Development Planning (School for Public Leadership)  
Period: 2015

### Professional Affiliations

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Registered member of the South African Institute for Impact Assessment (Registration Number 2779)

### Research Publications

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- Du Toit, R. (2009). *Developing a Scorecard for Sustainable Transport: A Cape Town Application*. Stellenbosch University Press
- Michelle Audouin, Mike Burns, Alex Weaver, David le Maitre, Patrick O'Farrell, Rudolph du Toit, Jeanne Nel. (2015). *An Introduction to Sustainability Science and its Links to Sustainability Assessment*. In Morrison-Saunders, A. and Pope, J., Eds. *Handbook of Sustainability Assessment*. Edward Elgar Publishing, 321 -349. ISBN 978-1-78347-136-2

### Conference Presentations & Papers

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- Du Toit, R. (2012). *Wind Energy and Public Participation: A one-sided debate?* Proceedings of the 17th Annual Conference of the International Association for Impact Assessment South Africa: "Urban Evolution", 27 - 29 August, 2012.
- Du Toit, R. & Van der Westhuizen, C. (2013). *Strategic Environmental Assessment (SEA) as a means of building the Green Economy in South Africa: The development of a national wind and solar energy roll-out plan*. Proceedings of the OECD DAC SEA Task Team Workshop on SEA & Green Economy, Lusaka (Zambia), 17- 18 January 2013.
- Contributing author to: Dalal-Clayton, B. (2013) *The Role of Strategic Environmental Assessment in Promoting a Green Economy: Background document for the OECD DAC SEA task Team workshop on SEA & Green Economy, Lusaka, 17- 18 January 2013*. IIED, London
- Burns, M., Du Toit, R. & Schreiner, G. (2013). *Graphical Causal Loop modelling of socio-ecological systems to identify & evaluate key impact "strings"*. Proceedings of the 18th Annual Conference of the International Association for Impact Assessment South Africa: 16 - 18 September, 2013.

### Key courses

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- Advanced Facilitation & Experiential Learning: Team Building Institute (Pty) Ltd (2001)
- Clean Development Mechanism (CDM) Project Development Training: Danish Energy Management (Pty) Ltd (2008)
- Project Management Principles & Practice: University of Pretoria (2011)

- Integrating Sustainability with Environmental Assessment in South Africa (Presented by A. Morrison – Saunders & J. Pope): North-West University (2012)
- Sharpening the Tool: New techniques and methods in Environmental Impact Assessment: Sustainable Environmental Solutions (Pty) Ltd (2015)
- Foundation Level Course in Science Communication and Working with the Media: Proof Communication & Jive Media Africa (2014)
- Effective Skills for Challenging Meetings & Engagements: Conflict Dynamics (2015)

### Projects and Environmental Assessment Reports

The following table presents an abridged list of projects that I have been involved in, indicating my role in each project:

<b>Environmental Impact Assessment (EIA) Experience</b>		
<b>Project</b>	<b>Role</b>	<b>Date</b>
1. Basic Assessment: Bottelary Road Upgrade: Van der Merwe Venter Twenty Group and Silmore Trust	Environmental Control Officer	July 2009
2. MTN Remote Hub: Umbutho Civil & Electrical	Environmental Control Officer	July 2009
3. Basic Assessment: Hermanus (Overberg Municipality) substation upgrade & underground cable	Junior Environmental Manager and co-author	August 2009
4. Basic Assessment for the InnoWind Swellendam wind energy project: Single test turbine construction	Project Manager and Lead Author	January 2010
5. Basic Assessment for the InnoWind Heidelberg wind energy project: Single test turbine construction	Project Manager and Lead Author	January 2010
6. Basic Assessment for the InnoWind Albertinia wind energy project: Single test turbine construction	Project Manager and Lead Author	January 2010
7. Basic Assessment for the InnoWind Mossel Bay wind energy project: Single test turbine construction	Project Manager and Lead Author	January 2010
8. EIA for InnoWind Swellendam wind energy project, Western Cape	Project Manager and Lead Author	July 2010
9. EIA for InnoWind Heidelberg wind energy project, Western Cape	Project Manager and Lead Author	July 2010



<b>Environmental Impact Assessment (EIA) Experience</b>		
<b>Project</b>	<b>Role</b>	<b>Date</b>
10. EIA for InnoWind Albertinia wind energy project, Western Cape	Project Manager and Lead Author	July 2010
11. EIA for InnoWind Mossel Bay wind energy project, Western Cape	Project Manager and Lead Author	July 2010
12. EIA for the Electrawinds (NL) Coega IDZ Wind Energy Project: Proposed construction of 75 MW installed capacity	Project Manager	January 2010
13. EIA for Glencore Exploration (UK): On-shore and off-shore exploration drilling operation; Matanda Block, Cameroon	Project Manager	November 2010
14. EIA for Noble Energy (Cameroon): Off-shore exploration drilling, Yoyo Concession and Tilapia Exploration Block, Cameroon	Management, integration and drafting of water quality section of the EIA report.	April 2011
15. EIA for the Vleesbaai Independent Power Producer (VIPP) Wind Energy Facility near Vleesbaai	Project Manager and Lead Author	August 2012 (on-going)
16. Windlab Developments South Africa (Pty) Ltd Ishwati Emoyeni 140 MW Wind Energy EIA near Murrysburg in the Western Cape	Project Manager	September 2014
17. EIA for the City of Cape Town 1500 MW Gas-to-power facility, Atlantis, Western Cape	Project Leader	July 2015 (on-going)

<b>Strategic Environmental Assessment (SEA) Experience</b>		
<b>Project</b>	<b>Role</b>	<b>Date</b>
18. Strategic Environmental Assessment (SEA) for the Port of Saldanha: Transnet National Ports Authority (TNPA)	Project Manager and Lead Author	July 2012
19. City of Cape Town Far South Strategic Environmental Assessment (SEA)	Project Manager and Lead Author	June 2014

<b>Specialist Study Experience</b>		
<b>Project</b>	<b>Role</b>	<b>Date</b>
20. Mulilo Renewable Project	Conducting the Social Impact	September 2014

<b>Specialist Study Experience</b>		
<b>Project</b>	<b>Role</b>	<b>Date</b>
Developments (Pty) Ltd Gemsbok Solar PV1 75MW Solar Photovoltaic EIA in the Northern Cape	Assessment (SIA) as part of the suite of EIA specialist studies	
21. Mulilo Renewable Project Developments (Pty) Ltd Gemsbok Solar PV2 75MW Solar Photovoltaic EIA in the Northern Cape	Conducting the Social Impact Assessment (SIA) as part of the suite of EIA specialist studies	September 2014
22. Mulilo Renewable Project Developments (Pty) Ltd Boven Solar PV1 75MW Solar Photovoltaic EIA in the Northern Cape	Conducting the Social Impact Assessment (SIA) as part of the suite of EIA specialist studies	September 2014
23. Scatec Solar 330 (Pty) Ltd Kenhardt PV 1 75MW Solar Photovoltaic EIA in the Northern Cape	Conducting the Social Impact Assessment (SIA) as part of the suite of EIA specialist studies	August 2015
24. Scatec Solar 350 (Pty) Ltd Kenhardt PV 2 75MW Solar Photovoltaic EIA in the Northern Cape	Conducting the Social Impact Assessment (SIA) as part of the suite of EIA specialist studies	August 2015
25. Scatec Solar 370 (Pty) Ltd Kenhardt PV 3 75MW Solar Photovoltaic EIA in the Northern Cape	Conducting the Social Impact Assessment (SIA) as part of the suite of EIA specialist studies	August 2015
26. Scatec Solar 163 (Pty) Ltd Kenhardt PV 1 – Transmission Line Basic Assessment to service the proposed Kenhardt PV 1 75MW Solar Facility in the Northern Cape	Conducting the Social Impact Assessment (SIA) as part of the suite of BA specialist studies	August 2015
27. Scatec Solar 163 (Pty) Ltd Kenhardt PV 1 – Transmission Line Basic Assessment to service the proposed Kenhardt PV 1 75MW Solar Facility in the Northern Cape	Conducting the Social Impact Assessment (SIA) as part of the suite of BA specialist studies	August 2015
28. Scatec Solar 163 (Pty) Ltd Kenhardt PV 1 – Transmission Line Basic Assessment to service the proposed Kenhardt PV 1 75MW Solar Facility in the Northern Cape	Conducting the Social Impact Assessment (SIA) as part of the suite of BA specialist studies	August 2015

<b>Environmental Management &amp; Sustainability Planning Experience</b>		
<b>Project</b>	<b>Role</b>	<b>Date</b>
29. Working for Water (CapeNature) alien clearing project: Uniondale Poort	Team Leader: natural resource management	January 1998
30. Working for Water (CapeNature) alien clearing project: Avontuur area	Team Leader: natural resource management	March 1999

<b>Environmental Management &amp; Sustainability Planning Experience</b>		
<b>Project</b>	<b>Role</b>	<b>Date</b>
31. Working for Water (CapeNature) alien clearing project: Prince Alfred Pass area	Team Leader: natural resource management	January 2000
32. Working for Water (CapeNature) alien clearing project: Langkloof farms	Team Leader: natural resource management	February 2001
33. Qualitative Environmental Impact Analysis related to Major Incident: PetroSA Mossel Bay GTL refinery	Project Manager and Lead Author	October 2010
34. Maseve Platinum Sustainability Assessment, Rustenburg	Project Manager	August 2011
35. Notice of Impacts Associated with Exploration Drilling in BHP Billiton Gabon's Licensed Areas of Okondja, Akieni & Lastoursville (Gabon)	Project Manager	June 2011
36. PetroSA LNG Importation Pipeline Screening Study (Saldanha Bay to Mosselbay)	Responsible for investigating and assessing planning impacts	March 2014
37. Department of Environmental Affairs (DEA) National Sustainable Development Strategy and Action Plan (NSSD) 1: Monitoring & Evaluation Report	Project Manager and Lead Author	November 2013 (on-going)
38. Apollo Brick (Pty) Ltd energy efficiency and fuel switching CDM project	Investigation of possible conversation of the energy efficiency project to an accredited CDM project	January 2008
39. Mxit Lifestyle (Pty) Ltd carbon footprint audit	Carbon audit of Mxit Lifestyle (Pty) Ltd	January 2009
40. EIA for Addax Petroleum: Off-shore exploration/appraisal drilling; Ngosso Permit, Cameroon	Research team: collection of benthic macrofauna samples and bio-indicators for water quality analysis	August 2010
41. EIA for Glencore Exploration (UK): Off-shore exploration drilling, Bolongo Block, Cameroon	Research team: collection of benthic macrofauna samples and bio-indicators for water quality analysis	February 2011
42. Integrated State of the Environment Report For Namibia (Phase 1)	Project Leader and Lead Author	June 2015
43. Guest lecturer: Stellenbosch University's Sustainability Institute (School of Public Leadership)	Guest lecturer: Theory & Practice of Sustainability Assessment	July 2013

## Curriculum Vitae of Surina Laurie - Traffic Impact Statement

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<b>Name of firm</b>	CSIR
<b>Name of staff</b>	Surina Laurie
<b>Profession</b>	Environmental Assessment Practitioner
<b>Position in firm</b>	Project Manager
<b>Years' experience</b>	4 years
<b>Nationality</b>	South African

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### Biographical sketch

Surina has 4 years' experience as an Environmental Assessment Practitioner (EAP). She completed both her BSc in Conservation Ecology and MPhil in Environmental Management (part-time) at the University of Stellenbosch. With her honours project, she worked closely with the Endangered Wildlife Trust Riverine Rabbit Working Group and was responsible for determining the conservation opportunity for the Riverine Rabbit in the Karoo. With this project, she gained valuable experience in how to interact and manage stakeholders in such a way that a project's objectives and conservation goals are met without the stakeholders not being included in the decision-making process. The management of stakeholders and the ability to incorporate their needs into the objectives of a project is seen as an essential component of an Environmental Impact Assessment (EIA) process.

With her Masters' thesis she researched and addressed why there is a need to undertake a Cost Benefit Analysis (CBA) as part of any EIA. The need for a CBA stems from the fact that losing environmental services will have an economic impact on a regional/national level in the long term but this is usually not considered during an EIA process. A CBA will look at both the economic benefits (profit) from a project and the economic losses because of loss of ecosystem services or rehabilitation costs. By including a CBA in an EIA, both the economic and environmental financial implications (not just the environmental significance of an impact) of a project will be considered by the decision making authority prior to the issuing of Environmental Authorisations or permits.

She has experience in undertaking Basic Assessments and Scoping and Environmental Impact Assessments for various sectors, including renewable energy, industry and tourism. She also has experience in undertaking environmental audits, due diligence assessments and the compilation of Environmental Management Programmes.

Registered Professional Natural Scientist (Pr. Sci. Nat.) in Environmental Science (Reg. No: 400033/15) with the South African Council of Natural Scientific Professions.

### Education

2015 (current)	Certificate in Environmental Economics, University of London (SOAS)
2013	Project Management Course, University of Cape Town Graduate School of Business
2011-2012 (Part-time)	MPhil Environmental Management, University of Stellenbosch
2007-2010	BSc Conservation Ecology, University of Stellenbosch

<b>Employment Record</b>	Feb 2014 to present	CSIR, Project Manager, EAP
	Sept 2011 to Jan 2014	WSP Environmental (Pty) Ltd, Environmental Consultant
	Nov 2010 to Aug 2011	EnviroAfrica, Junior Environmental Consultant

**Experience record** *Abridged experience in Environmental Impact and Basic Assessment processes:*

Date	Project Description	Role	Client
2014 - present	Integrated Scoping and EIA process for the construction of three Photovoltaic (PV) or Concentrated Photovoltaic (CPV) Solar Facilities with a generating capacity of 75 MW each on the farms remaining extent of Portion 3 of the Farm Gemsbok Bult 120 and Boven Rugzeer remaining extent of 169, located 30 km north-east of Kenhardt. Two of the projects will be located on the farm remaining extent of Portion 3 of the Farm Gemsbok Bult 120 and one on Boven Rugzeer remaining extent 169.	Project Manager	Mulilo Renewable Project Development (Pty) Ltd
2014 - present	Integrated Scoping and EIA process for the development of twelve (12) Photovoltaic (PV) or Concentrated Photovoltaic (CPV) Solar Facilities with a generating capacity of 75 MW/100MW each, near Dealesville, Free State.	Project Manager	South Africa Mainstream Renewable Power Developments (Pty) Ltd
2013-2014	Basic Assessment for the construction of three additional petroleum storage tanks at the Cape Town Harbour.	Environmental Consultant	FFS Refiners (Pty) Ltd
2013-2014	Scoping and EIA for the construction of a Sewage Package Plant on Robben Island.	Environmental Consultant	Department of Public Works
2013	Development of an EMPr for the undertaking of maintenance work on the Stilbaai Fishing Harbour's Slipway located in Stilbaai, Western Cape, South Africa. In order to be compliant to the requirements of the National Environmental Management Act (Act 107 of 1998) and Environmental Impact Assessment (EIA) Regulations, a Maintenance Management Plan (MMP) needed to be developed to manage the environmental impacts associated with maintenance work that is scheduled to be undertaken on the Stilbaai Fishing Harbour's Slipway as well as any future on-going maintenance requirements.	Environmental Consultant	Department of Public Works
2012-2014	Waste Management License for the proposed storage of Ferrous HMS 1+2, Shredded Ferrous and Bales located at the K/L Berth at Duncan Road, Port of Cape Town	Environmental Consultant	The New Reclamation Group (Pty) Ltd
2012-2014	Scoping and EIA for the construction a biodiesel refinery in the Coega Industrial Development Zone (IDZ). The proposed project entails the import of used vegetable oil from the USA and converting it through various processes to biodiesel which will be exported to Europe. The proposed project requires an Air Emissions License, a Waste Management License and Environmental Authorisation.	Environmental Consultant	FIS Biofuels (Ltd)
2013-2013	Basic Assessment for the proposed redevelopment of Berths B, C and D in Duncan Dock at the Port of Cape Town.	Assistant Environmental Consultant	FPT (Pty) Ltd
2011- 2012	Development of an EMPr for the Eerstelingsfontein Opencast Project (EOP).	Assistant Environmental	Exxaro Resources Limited

Date	Project Description	Role	Client
		Consultant	
2011-2014	Basic Assessment for the proposed reinstatement of the Blue Stone Quarry located on Robben Island.	Assistant Environmental Consultant	Department of Public Works
2011	Scoping and EIA for the proposed upgrade to the Struisbaai WWTW.	Assistant Environmental Consultant	Cape Agulhas Municipality
2011	Basic Assessment for the construction of a cellular mast.	Environmental Consultant	MTN (Pty) Ltd
2010-2011	Basic Assessment for the construction of a Heritage Centre.	Environmental Consultant	Waenhuiskrans Arniston Community Development Trust
2010-2011	Scoping and EIA for the rezoning of the area from open space to residential, the construction of six residential units and the upgrading of the existing Waste Water Treatment Plant.	Environmental Consultant	Private developer

*Abridged experience in undertaking the role of an Environmental Control Officer and compliance auditing:*

Date	Project Description	Role	Client
2013- 2014	The proposed extension project involved the installation of five new above ground storage tanks. The two largest tanks have a tank capacity of 2,500m <sup>3</sup> each and a height of 18m. The three smaller tanks have a tank capacity of 2,300m <sup>3</sup> , 1,350m <sup>3</sup> and 212m <sup>3</sup> and heights of 18m, 10.8m and 10.8m respectively, giving an additional 8862m <sup>3</sup> storage capacity to the current FFS operation	ECO	FFS Refiners (Pty) Ltd
2012- 2014	Compliance auditing of drum re-conditioners for the used oil industry in the Western Cape.	Assistant Environmental Consultant	The Rose Foundation
2012	Environmental legal compliance auditing of various Much Asphalt sites. The audit entailed review of national, provincial legislation and municipal by-laws and a site visit in order to determine whether the sites were compliant to the relevant environmental legislation.	Environmental Consultant	Much Asphalt
2011- 2013	Construction of a new De-Ashing Plant for FFS Vissershok Construction of a De-Ashing Plant. This project involved the monthly independent audits and reports of all the environmental and social aspects of the construction phase the new De-Ashing Plant at Vissershok.	ECO	FFS Refiners (Pty) Ltd
2011- 2012	Construction of the new 1200m <sup>3</sup> Tank at FFS Cape Town Harbour Site. This project involved two site audits per month to ensure compliance to the Environmental Authorisation and Environmental Management Plan for the proposed project.	ECO	FFS Refiners (Pty) Ltd

**Language capabilities**

	<i>Speaking</i>	<i>Reading</i>	<i>Writing</i>
Afrikaans	Excellent	Excellent	Excellent
English	Excellent	Excellent	Excellent



Scoping and Environmental Impact Assessment for the proposed Development of a 75 MW Solar Photovoltaic Facility (GEMSBOK SOLAR PV4) on Portion 3 of Gemsbok Bult Farm 120, north-east of Kenhardt, Northern Cape Province

# EIA REPORT

## APPENDIX B:

Declarations of Interest and Independence of the Environmental Assessment Practitioner and Specialists

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## SPECIALIST DECLARATION – PAUL LOCHNER (EAP)



### environmental affairs

Department:  
Environmental Affairs  
REPUBLIC OF SOUTH AFRICA


### DETAILS OF EAP AND DECLARATION OF INTEREST

	<i>(For official use only)</i>
File Reference Number:	
NEAS Reference Number:	DEA/EIA
Date Received:	

*Application for integrated environmental authorisation and waste management licence in terms of the-*

- (1) National Environmental Management Act, 1998 (Act No. 107 of 1998), as amended and the Environmental Impact Assessment Regulations, 2014; and
- (2) National Environmental Management Act: Waste Act, 2008 (Act No. 59 of 2008) and Government Notice 921, 2013

### PROJECT TITLE:

***Scoping and EIA for the proposed development of a Solar PV Facility of 75 MW near Kenhardt in the Northern Cape***

<i>Environmental Assessment Practitioner (EAP):</i>	Paul Lochner		
<i>Contact person:</i>	Paul Lochner		
<i>Postal address:</i>	PO Box 320 Stellenbosch		
<i>Postal code:</i>	7599	Cell:	084 442 3646
<i>Telephone:</i>	021-888 2661/2486	Fax:	021 888 2693
<i>E-mail:</i>	<a href="mailto:plochner@csir.co.za">plochner@csir.co.za</a>		
<i>Professional affiliation(s) (if any)</i>	IAIA-SA Certified EAP –SA (since July 2003)		

<i>Project Consultant:</i>	Mulilo Renewable Project Developments		
<i>Contact person:</i>	Warren Morse		
<i>Postal address:</i>	Suite 303c, Execujet Business Centre, Tower Road, Cape Town International Airport , Cape Town SA		
<i>Postal code:</i>	7525	Cell:	083 760 9586
<i>Telephone:</i>	021 934 5268	Fax:	021 935 0505
<i>E-mail:</i>	<a href="mailto:warren@mulilo.com">warren@mulilo.com</a>		

I, Paul Lochner, declare that:

- 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;
- 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;
- I will provide the competent authority any information that is provided by the EAP to interested and affected parties and any responses; by the EAP to comments or inputs made by interested or affected parties;
- I affirm that a level of agreement between the EAP and interested and affected parties on the plan of study for undertaking the environmental impact assessment is reflected in the issues raised by the I&APs prior to the release and during the 30-day review of the Scoping Report.
- the information provided in this scoping report has been sourced from relevant literature, legislation, previous studies and specialist input and is therefore believed to be correct;
- I 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 48 and is punishable in terms of section 24F of the Act.

Signed at Stellenbosch on the 26th of November 2015



Environmental Assessment Practitioner

## SPECIALIST DECLARATION – HENRY HOLLAND

---

I, Henry Holland, as the appointed independent specialist, in terms of the 2014 EIA Regulations, hereby declare that I:

- I act as the independent specialist in this application;
- I 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;
- regard the information contained in this report as it relates to my specialist input/study to be true and correct, and do not have and will not have any financial interest in the undertaking of the activity, other than remuneration for work performed in terms of the NEMA, the Environmental Impact Assessment Regulations, 2014 and any specific environmental management Act;
- I declare that there are no circumstances that may compromise my objectivity in performing such work;
- I have expertise in conducting the specialist report relevant to this application, including knowledge of the Act, Regulations and any guidelines that have relevance to the proposed activity;
- I will comply with the Act, Regulations and all other applicable legislation;
- I have no, and will not engage in, conflicting interests in the undertaking of the activity;
- I have no vested interest in the proposed activity proceeding;
- 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 have ensured that information containing all relevant facts in respect of the specialist input/study was distributed or made available to interested and affected parties and the public and that participation by interested and affected parties was facilitated in such a manner that all interested and affected parties were provided with a reasonable opportunity to participate and to provide comments on the specialist input/study;
- I have ensured that the comments of all interested and affected parties on the specialist input/study were considered, recorded and submitted to the competent authority in respect of the application;
- all the particulars furnished by me in this specialist input/study are true and correct; and
- I realise that a false declaration is an offence in terms of regulation 48 and is punishable in terms of section 24F of the Act.

Signature of the specialist:



Name of Specialist: Henry Holland

Date: 15 February 2016



**environmental affairs**

Department:  
Environmental Affairs  
REPUBLIC OF SOUTH AFRICA


**DETAILS OF SPECIALIST AND DECLARATION OF INTEREST**

File Reference Number:	(For official use only) 12/12/20/ or 12/9/11/L
NEAS Reference Number:	DEA/EIA
Date Received:	

Application for integrated environmental authorisation and waste management licence in terms of the-

- (1) National Environmental Management Act, 1998 (Act No. 107 of 1998), as amended and the Environmental Impact Assessment Regulations, 2014; and
- (2) National Environmental Management Act: Waste Act, 2008 (Act No. 59 of 2008) and Government Notice 921, 2013

**PROJECT TITLE**

Scoping and Environmental Impact Assessment for the Proposed Development of a 75 MW Solar Photovoltaic Facility (KENHARDT PV 1) on the remaining extent of Onder Rugzeer Farm 168, north-east of Kenhardt, Northern Cape Province

Specialist:	Visual Specialist		
Contact person:	Henry Holland		
Postal address:	8 Cathcart Street		
Postal code:	6139	Cell:	382 2266689
Telephone:	046 6228735	Fax:	
E-mail:	hholland@gmail.com		
Professional affiliation(s) (if any)			
Project Consultant:	Council for Scientific and Industrial Research (CSIR)		
Contact person:	Surina Laurie		
Postal address:	PO Box 320, Stellenbosch		
Postal code:	7599	Cell:	382 468 0962
Telephone:	021 888 2490 or 021 888 2661	Fax:	021 888 2693
E-mail:	SLaurie@csir.co.za		

4.2 The specialist appointed in terms of the Regulations

I, Henry Holland, declare that –

General declaration:

I act as the independent specialist in this application;  
I will perform the work relating to the application in an objective manner, even if this results in views and findings that are not favourable to the applicant;  
I declare that there are no circumstances that may compromise my objectivity in performing such work;  
I have expertise in conducting the specialist report relevant to this application, including knowledge of the Act, Regulations and any guidelines that have relevance to the proposed activity;  
I will comply with the Act, Regulations and all other applicable legislation;  
I have no, and will not engage in, conflicting interests in the undertaking of the activity;  
I undertake to disclose to the applicant and the competent authority all material information in my possession that reasonably has or may have the potential of influencing - any decision to be taken with respect to the application by the competent authority, and - the objectivity of any report, plan or document to be prepared by myself for submission to the competent authority;  
all the particulars furnished by me in this form are true and correct; and  
I realise that a false declaration is an offence in terms of regulation 48 and is punishable in terms of section 24F of the Act.

Signature of the specialist:

Name of company (if applicable):

08 February 2016  
Date:

## SPECIALIST DECLARATION – INA VENTER

---

I, Ina Venter, as the appointed independent specialist, in terms of the 2014 EIA Regulations, hereby declare that I:

- I act as the independent specialist in this application;
- I perform the work relating to the application in an objective manner, even if this results in views and findings that are not favorable to the applicant;
- regard the information contained in this report as it relates to my specialist input/study to be true and correct, and do not have and will not have any financial interest in the undertaking of the activity, other than remuneration for work performed in terms of the NEMA, the Environmental Impact Assessment Regulations, 2014 and any specific environmental management Act;
- I declare that there are no circumstances that may compromise my objectivity in performing such work;
- I have expertise in conducting the specialist report relevant to this application, including knowledge of the Act, Regulations and any guidelines that have relevance to the proposed activity;
- I will comply with the Act, Regulations and all other applicable legislation;
- I have no, and will not engage in, conflicting interests in the undertaking of the activity;
- I have no vested interest in the proposed activity proceeding;
- 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 have ensured that information containing all relevant facts in respect of the specialist input/study was distributed or made available to interested and affected parties and the public and that participation by interested and affected parties was facilitated in such a manner that all interested and affected parties were provided with a reasonable opportunity to participate and to provide comments on the specialist input/study;
- I have ensured that the comments of all interested and affected parties on the specialist input/study were considered, recorded and submitted to the competent authority in respect of the application;
- all the particulars furnished by me in this specialist input/study are true and correct; and
- I realise that a false declaration is an offence in terms of regulation 48 and is punishable in terms of section 24F of the Act.

Signature of the specialist:  \_\_\_\_\_

Name of Specialist: Ina Venter

Date: 15 January 2016

## **SPECIALIST DECLARATION – LUKAS NIEMAND**

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I, Lukas Jurie Niemand, as the appointed independent specialist, in terms of the 2014 EIA Regulations, hereby declare that I:

- I act as the independent specialist in this application;
- I 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;
- regard the information contained in this report as it relates to my specialist input/study to be true and correct, and do not have and will not have any financial interest in the undertaking of the activity, other than remuneration for work performed in terms of the NEMA, the Environmental Impact Assessment Regulations, 2014 and any specific environmental management Act;
- I declare that there are no circumstances that may compromise my objectivity in performing such work;
- I have expertise in conducting the specialist report relevant to this application, including knowledge of the Act, Regulations and any guidelines that have relevance to the proposed activity;
- I will comply with the Act, Regulations and all other applicable legislation;
- I have no, and will not engage in, conflicting interests in the undertaking of the activity;
- I have no vested interest in the proposed activity proceeding;
- 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 have ensured that information containing all relevant facts in respect of the specialist input/study was distributed or made available to interested and affected parties and the public and that participation by interested and affected parties was facilitated in such a manner that all interested and affected parties were provided with a reasonable opportunity to participate and to provide comments on the specialist input/study;
- I have ensured that the comments of all interested and affected parties on the specialist input/study were considered, recorded and submitted to the competent authority in respect of the application;
- all the particulars furnished by me in this specialist input/study are true and correct; and
- I realise that a false declaration is an offence in terms of regulation 48 and is punishable in terms of section 24F of the Act.

Signature of the specialist:



Name of Specialist: Lukas Niemand

Date: 01 February 2016

## SPECIALIST DECLARATION – JOHANN LANZ

---

I, Johann Lanz, as the appointed independent specialist, in terms of the 2014 EIA Regulations, hereby declare that I:

- I act as the independent specialist in this application;
- I 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;
- regard the information contained in this report as it relates to my specialist input/study to be true and correct, and do not have and will not have any financial interest in the undertaking of the activity, other than remuneration for work performed in terms of the NEMA, the Environmental Impact Assessment Regulations, 2014 and any specific environmental management Act;
- I declare that there are no circumstances that may compromise my objectivity in performing such work;
- I have expertise in conducting the specialist report relevant to this application, including knowledge of the Act, Regulations and any guidelines that have relevance to the proposed activity;
- I will comply with the Act, Regulations and all other applicable legislation;
- I have no, and will not engage in, conflicting interests in the undertaking of the activity;
- I have no vested interest in the proposed activity proceeding;
- 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 have ensured that information containing all relevant facts in respect of the specialist input/study was distributed or made available to interested and affected parties and the public and that participation by interested and affected parties was facilitated in such a manner that all interested and affected parties were provided with a reasonable opportunity to participate and to provide comments on the specialist input/study;
- I have ensured that the comments of all interested and affected parties on the specialist input/study were considered, recorded and submitted to the competent authority in respect of the application;
- all the particulars furnished by me in this specialist input/study are true and correct; and
- I realise that a false declaration is an offence in terms of regulation 48 and is punishable in terms of section 24F of the Act.

Signature of the specialist:



Name of specialist:

Johann Lanz

Professional Registration (including number):

SACNASP Registration Number: 400268/12

Date:

05 February 2016



**environmental affairs**  
 Department:  
 Environmental Affairs  
 REPUBLIC OF SOUTH AFRICA


**DETAILS OF SPECIALIST AND DECLARATION OF INTEREST**

	(For official use only)
File Reference Number:	12/12/20/ or 12/9/11/L
NEAS Reference Number:	DEAT/EIA
Date Received:	

Application for integrated environmental authorisation and waste management licence in terms of the-  
 (1) National Environmental Management Act, 1998 (Act No. 107 of 1998), as amended and the Environmental Impact Assessment Regulations, 2014; and  
 (2) National Environmental Management Act: Waste Act, 2008 (Act No. 59 of 2008) and Government Notice 921, 2013

**PROJECT TITLE**

**Scoping and Environmental Impact Assessment for the Proposed Development of a 75 MW Solar Photovoltaic Facility (KENHARDT PV 1) on the remaining extent of Onder Rugzeer Farm 168, north-east of Kenhardt, Northern Cape Province**

Specialist:	Private Soil Science Consultant	
Contact person:	Johann Lanz	
Postal address:	P.O. Box 6209, UNIEDAL	
Postal code:	7612	Cell: 082 927 9018
Telephone:	021 866 1518	Fax:
E-mail	johann@johannlanz.co.za	
Professional affiliation(s) (if any)	South African Council for Natural Scientific Professions; Soil Science Society of SA	

Project Consultant:	Council for Scientific and Industrial Research (CSIR)	
Contact person:	Surina Laurie	
Postal address:	PO Box 320, Stellenbosch	
Postal code:	7599	Cell: 082 468 0962
Telephone:	021 888 2490	Fax: 021 888 2693
E-mail	Slaurie@csir.co.za	

4.2 The specialist appointed in terms of the Regulations

I, **Johann Lanz**, declare that

General declaration:

- I act as the independent specialist in this application
- I will perform the work relating to the application in an objective manner, even if this results in views and findings that are not favourable to the applicant
- I declare that there are no circumstances that may compromise my objectivity in performing such work;
- I have expertise in conducting the specialist report relevant to this application, including knowledge of the Act, regulations and any guidelines that have relevance to the proposed activity;
- I will comply with the Act, regulations and all other applicable legislation;
- I have no, and will not engage in, conflicting interests in the undertaking of the activity;
- I undertake to disclose to the applicant and the competent authority all material information in my possession that reasonably has or may have the potential of influencing - any decision to be taken with respect to the application by the competent authority; and - the objectivity of any report, plan or document to be prepared by myself for submission to the competent authority;
- all the particulars furnished by me in this form are true and correct; and
- I realise that a false declaration is an offence in terms of Regulation 71 and is punishable in terms of section 24F of the Act.

Signature of the specialist:

**Johann Lanz – Soil Scientist (sole proprietor)**

Name of company (if applicable):

**09 February 2016**

Date:



## **SPECIALIST DECLARATION – JAYSON DAVID JOHN ORTON**

---

I, Jayson Orton, as the appointed independent specialist, in terms of the 2014 EIA Regulations, hereby declare that I:

- I act as the independent specialist in this application;
- I 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;
- regard the information contained in this report as it relates to my specialist input/study to be true and correct, and do not have and will not have any financial interest in the undertaking of the activity, other than remuneration for work performed in terms of the NEMA, the Environmental Impact Assessment Regulations, 2014 and any specific environmental management Act;
- I declare that there are no circumstances that may compromise my objectivity in performing such work;
- I have expertise in conducting the specialist report relevant to this application, including knowledge of the Act, Regulations and any guidelines that have relevance to the proposed activity;
- I will comply with the Act, Regulations and all other applicable legislation;
- I have no, and will not engage in, conflicting interests in the undertaking of the activity;
- I have no vested interest in the proposed activity proceeding;
- 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 have ensured that information containing all relevant facts in respect of the specialist input/study was distributed or made available to interested and affected parties and the public and that participation by interested and affected parties was facilitated in such a manner that all interested and affected parties were provided with a reasonable opportunity to participate and to provide comments on the specialist input/study;
- I have ensured that the comments of all interested and affected parties on the specialist input/study were considered, recorded and submitted to the competent authority in respect of the application;
- all the particulars furnished by me in this specialist input/study are true and correct; and
- I realise that a false declaration is an offence in terms of regulation 48 and is punishable in terms of section 24F of the Act.

Signature of the specialist: \_\_\_\_\_

Name of Specialist: JAYSON ORTON

Date: 08 FEBRUARY 2016



**environmental affairs**

Department:  
Environmental Affairs  
REPUBLIC OF SOUTH AFRICA


**DETAILS OF SPECIALIST AND DECLARATION OF INTEREST**

File Reference Number:	(For official use only)
NEAS Reference Number:	12/12/201 or 12/9/11/L
Date Received:	DEA/EIA

Application for integrated environmental authorisation and waste management licence in terms of the-

- (1) National Environmental Management Act, 1998 (Act No. 107 of 1998), as amended and the Environmental Impact Assessment Regulations, 2014; and
- (2) National Environmental Management Act: Waste Act, 2008 (Act No. 59 of 2008) and Government Notice 921, 2013

**PROJECT TITLE**

Scoping and Environmental Impact Assessment for the Proposed Development of a 75 MW Solar Photovoltaic Facility (KENHARDT PV 1) on the remaining extent of Onder Rugzeer Farm 168, north-east of Kenhardt, Northern Cape Province

Specialist:	ASHA Consulting (Pty) Ltd		
Contact person:	Dr. Jayson Orton		
Postal address:	6A Scarborough Road, Mulizenberg		
Postal code:	7945	Cell:	083 272 3225
Telephone:	021 788 8425	Fax:	n/a
E-mail:	jayson@asha-consulting.co.za		
Professional affiliation(s) (if any)	ASAPPA CRM Section member #233 APHP accredited professional heritage practitioner		


Project Consultant:	Council for Scientific and Industrial Research (CSIR)		
Contact person:	Surina Laurie		
Postal address:	PO Box 320, Stellenbosch		
Postal code:	7669	Cell:	082 468 0962
Telephone:	021 888 2490 or 021 888 2661	Fax:	021 888 2693
E-mail:	SLaurie@csir.co.za		

4.2 The specialist appointed in terms of the Regulations

I, JAYSON ORTON, declare that -

General declaration:

I act as the independent specialist in this application;  
I will perform the work relating to the application in an objective manner, even if this results in views and findings that are not favourable to the applicant;  
I declare that there are no circumstances that may compromise my objectivity in performing such work;  
I have expertise in conducting the specialist report relevant to this application, including knowledge of the Act, Regulations and any guidelines that have relevance to the proposed activity;  
I will comply with the Act, Regulations and all other applicable legislation;  
I have no, and will not engage in, conflicting interests in the undertaking of the activity;  
I undertake to disclose to the applicant and the competent authority all material information in my possession that reasonably has or may have the potential of influencing - any decision to be taken with respect to the application by the competent authority; and - the objectivity of any report, plan or document to be prepared by myself for submission to the competent authority;  
all the particulars furnished by me in this form are true and correct; and  
I realise that a false declaration is an offence in terms of regulation 48 and is punishable in terms of section 24F of the Act.

Signature of the specialist: 

Name of company (if applicable): ASHA CONSULTING (PTY) LTD

Date: 27-01-2016

## SPECIALIST DECLARATION – JOHN ALMOND

---

I, Dr John Edward Almond, as the appointed independent specialist, in terms of the 2014 EIA Regulations, hereby declare that I:

- I act as the independent specialist in this application;
- I 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;
- regard the information contained in this report as it relates to my specialist input/study to be true and correct, and do not have and will not have any financial interest in the undertaking of the activity, other than remuneration for work performed in terms of the NEMA, the Environmental Impact Assessment Regulations, 2014 and any specific environmental management Act;
- I declare that there are no circumstances that may compromise my objectivity in performing such work;
- I have expertise in conducting the specialist report relevant to this application, including knowledge of the Act, Regulations and any guidelines that have relevance to the proposed activity;
- I will comply with the Act, Regulations and all other applicable legislation;
- I have no, and will not engage in, conflicting interests in the undertaking of the activity;
- I have no vested interest in the proposed activity proceeding;
- 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 have ensured that information containing all relevant facts in respect of the specialist input/study was distributed or made available to interested and affected parties and the public and that participation by interested and affected parties was facilitated in such a manner that all interested and affected parties were provided with a reasonable opportunity to participate and to provide comments on the specialist input/study;
- I have ensured that the comments of all interested and affected parties on the specialist input/study were considered, recorded and submitted to the competent authority in respect of the application;
- all the particulars furnished by me in this specialist input/study are true and correct; and
- I realize that a false declaration is an offence in terms of regulation 48 and is punishable in terms of section 24F of the Act.



Signature of the specialist:

Name of Specialist: Dr John Edward Almond




**DETAILS OF SPECIALIST AND DECLARATION OF INTEREST**

File Reference Number:	(For official use only) 12/12/20/ or 12/9/11/L
NEAS Reference Number:	DEA/EIA
Date Received:	

Application for integrated environmental authorisation and waste management licence in terms of the-

- (1) National Environmental Management Act, 1998 (Act No. 107 of 1998), as amended and the Environmental Impact Assessment Regulations, 2014; and
- (2) National Environmental Management Act: Waste Act, 2008 (Act No. 59 of 2008) and Government Notice 921, 2013

**PROJECT TITLE**

Scoping and Environmental Impact Assessment for the Proposed Development of a 75 MW Solar Photovoltaic Facility (KENHARDT PV 1) on the remaining extent of Onder Rugzeer Farm 168, north-east of Kenhardt, Northern Cape Province

Specialist:	Dr John E. Almond
Contact person:	As above
Postal address:	PO Box 12410 Mill Street, CAPE TOWN, RSA
Postal code:	8010
Telephone:	0211 462 3622
E-mail:	almond@universe.co.za
Professional affiliation(s) (if any)	Palaeontological Society of Southern Africa, Association of Professional Heritage Practitioners (WCape)
Project Consultant:	Council for Scientific and Industrial Research (CSIR)
Contact person:	Surina Laurie
Postal address:	PO Box 320, Stellenbosch
Postal code:	7599
Telephone:	021 888 2490 or 021 888 2661
E-mail:	SLaurie@csir.co.za

**4.2 The specialist appointed in terms of the Regulations**

I, Dr. John Edward Almond, declare that -- General declaration:

I act as the independent specialist in this application;  
 I will perform the work relating to the application in an objective manner, even if this results in views and findings that are not favourable to the applicant;  
 I declare that there are no circumstances that may compromise my objectivity in performing such work;  
 I have expertise in conducting the specialist report relevant to this application, including knowledge of the Act, Regulations and any guidelines that have relevance to the proposed activity;  
 I will comply with the Act, Regulations and all other applicable legislation;  
 I have no, and will not engage in, conflicting interests in the undertaking of the activity;  
 I undertake to disclose to the applicant and the competent authority all material information in my possession that reasonably has or may have the potential of influencing - any decision to be taken with respect to the application by the competent authority; and - the objectivity of any report, plan or document to be prepared by myself for submission to the competent authority;  
 all the particulars furnished by me in this form are true and correct; and  
 I realise that a false declaration is an offence in terms of regulation 48 and is punishable in terms of section 24F of the Act.

Signature of the specialist:

*John E. Almond*

Name of company (if applicable):

NATURA VIVA CC

Date:

8 February 2016

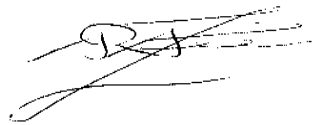
## SPECIALIST DECLARATION – RUDOLPH DU TOIT

---

I, **Rudolph du Toit**, as the appointed independent specialist, in terms of the 2014 EIA Regulations, hereby declare that I:

- I act as the independent specialist in this application;
- I 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;
- regard the information contained in this report as it relates to my specialist input/study to be true and correct, and do not have and will not have any financial interest in the undertaking of the activity, other than remuneration for work performed in terms of the NEMA, the Environmental Impact Assessment Regulations, 2014 and any specific environmental management Act;
- I declare that there are no circumstances that may compromise my objectivity in performing such work;
- I have expertise in conducting the specialist report relevant to this application, including knowledge of the Act, Regulations and any guidelines that have relevance to the proposed activity;
- I will comply with the Act, Regulations and all other applicable legislation;
- I have no, and will not engage in, conflicting interests in the undertaking of the activity;
- I have no vested interest in the proposed activity proceeding;
- 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 have ensured that information containing all relevant facts in respect of the specialist input/study was distributed or made available to interested and affected parties and the public and that participation by interested and affected parties was facilitated in such a manner that all interested and affected parties were provided with a reasonable opportunity to participate and to provide comments on the specialist input/study;
- I have ensured that the comments of all interested and affected parties on the specialist input/study were considered, recorded and submitted to the competent authority in respect of the application;
- all the particulars furnished by me in this specialist input/study are true and correct; and
- I realise that a false declaration is an offence in terms of regulation 48 and is punishable in terms of section 24F of the Act.

Signature of the specialist:



Name of Specialist: **Rudolph du Toit**

Date: **28 January 2016**



**environmental affairs**

Department:  
Environmental Affairs  
REPUBLIC OF SOUTH AFRICA


**DETAILS OF SPECIALIST AND DECLARATION OF INTEREST**

File Reference Number:	(For official use only)
NEAS Reference Number:	12/12/20/ or 12/9/11/L
Date Received:	DEA/EIA

Application for integrated environmental authorisation and waste management licence in terms of the-

- (1) National Environmental Management Act, 1998 (Act No. 107 of 1998), as amended and the Environmental Impact Assessment Regulations, 2014; and
- (2) National Environmental Management Act: Waste Act, 2008 (Act No. 59 of 2008) and Government Notice 921, 2013

**PROJECT TITLE**

Scoping and Environmental Impact Assessment for the Proposed Development of a 75 MW Photovoltaic Facility (KENHARDT PV 1) on the remaining extent of Onder Rugzeer Farm 168, north-east of Kenhardt, Northern Cape Province

Specialist:	Rudolph du Toit
Contact person:	Rudolph du Toit
Postal address:	PO Box 320, Stellenbosch
Postal code:	7599
Telephone:	021 888 2538
E-mail:	rdutoit@csir.co.za
Professional affiliation(s) (if any):	n/a

Project Consultant:	Council for Scientific and Industrial Research (CSIR)
Contact person:	Surina Laurie
Postal address:	PO Box 320, Stellenbosch
Postal code:	7599
Telephone:	021 888 2490 or 021 888 2661
E-mail:	SLaurie@csir.co.za

4.2 The specialist appointed in terms of the Regulations\_

I, Rudolph du Toit, declare that -

General declaration:

I act as the independent specialist in this application;  
 I will perform the work relating to the application in an objective manner, even if this results in views and findings that are not favourable to the applicant;  
 I declare that there are no circumstances that may compromise my objectivity in performing such work;  
 I have expertise in conducting the specialist report relevant to this application, including knowledge of the Act, Regulations and any guidelines that have relevance to the proposed activity;  
 I will comply with the Act, Regulations and all other applicable legislation;  
 I have no, and will not engage in, conflicting interests in the undertaking of the activity;  
 I undertake to disclose to the applicant and the competent authority all material information in my possession that reasonably has or may have the potential of influencing - any decision to be taken with respect to the application by the competent authority; and - the objectivity of any report, plan or document to be prepared by myself for submission to the competent authority;  
 all the particulars furnished by me in this form are true and correct; and  
 I realise that a false declaration is an offence in terms of regulation 48 and is punishable in terms of section 24F of the Act.

Signature of the specialist: Rudolph du Toit

Name of company (if applicable): CSIR

Date: 20 January 2016

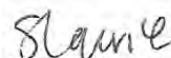
## SPECIALIST DECLARATION – SURINA LAURIE

---

I, Surina Laurie, declare that:

- 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;
- 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;
- I will provide the competent authority any information that is provided by the EAP to interested and affected parties and any responses; by the EAP to comments or inputs made by interested or affected parties;
- I affirm that the information provided in this report includes input and recommendations from specialist reports where relevant;
- the information provided in this report has been sourced from relevant literature, legislation, previous studies and specialist input and is therefore believed to be correct;
- I 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 48 and is punishable in terms of section 24F of the Act.

Signed at Stellenbosch on the 29<sup>th</sup> of February 2016



Environmental Assessment Practitioner



Scoping and Environmental Impact Assessment for the proposed Development of a 75 MW Solar Photovoltaic Facility (GEMSBOK SOLAR PV4) on Portion 3 of Gemsbok Bult Farm 120, north-east of Kenhardt, Northern Cape Province

# EIA REPORT

## APPENDIX C:

Database of Interested and Affected Parties



Scoping and Environmental Impact Assessment for the proposed Development of Seven Solar Photovoltaic Facilities of 75 MW each for Mulilo Renewable Project Developments north-east of Kenhardt, Northern Cape

FIRST NAME	SURNAME	COMPANY/ ORGANISATION	PHYSICAL ADDRESS	POSTAL ADDRESS	EMAIL
<b>Organs of State</b>					
Mmatlala	Rabothata	National Department of Environmental Affairs: Department of Environmental Affairs: Integrated Environmental Authorisations	Environment House 473 Steve Biko Road Arcadia Pretoria 0001	Private Bag X447 Pretoria 0001	<a href="mailto:MRabothata@environment.gov.za">MRabothata@environment.gov.za</a>
Muhammad	Essop	National Department of Environmental Affairs: Department of Environmental Affairs: Integrated Environmental Authorisations	Environment House 473 Steve Biko Road Arcadia Pretoria 0001	Private Bag X447 Pretoria 0002	<a href="mailto:messop@environment.gov.za">messop@environment.gov.za</a>
A	Yaphi	Provincial Department of Environment and Nature Conservation: Northern Cape	Sasko Building Kimberley Sasko Building 90 Long Street Kimberley 8301	Private Bag X6102 Kimberley 8300	<a href="mailto:nyaphi@ncpg.gov.za">nyaphi@ncpg.gov.za</a>
M	Mathews	Provincial Department of Environment and Nature Conservation: Northern Cape	Sasko Building Kimberley Sasko Building 90 Long Street Kimberley 8301	Private Bag X6102 Kimberley 8300	<a href="mailto:mmathews@ncpg.gov.za">mmathews@ncpg.gov.za</a>
Samantha	De la Fontaine	Provincial Department of Environment and Nature Conservation: Northern Cape	Provincial Building (First Floor) Corner of Rivier & Nelson Mandela Road Upington 8800		<a href="mailto:sdelafontaine@gmail.com">sdelafontaine@gmail.com</a>
Eric	Ngxanga	ZF Mgcawu District Municipality - Municipal Manager	Corner Hill and Le Roux Street Upington 8800	Private Bag X6039 Upington 8800	<a href="mailto:sb@siyanda.gov.za">sb@siyanda.gov.za</a>

Scoping and Environmental Impact Assessment for the proposed Development of Seven Solar Photovoltaic Facilities of 75 MW each for Mulilo Renewable Project Developments north-east of Kenhardt, Northern Cape

FIRST NAME	SURNAME	COMPANY/ ORGANISATION	PHYSICAL ADDRESS	POSTAL ADDRESS	EMAIL
Frikkie	Ruping	ZF Mgcawu District Municipality - Environmental Manager			<a href="mailto:fpr@bodr.gov.za">fpr@bodr.gov.za</a>
H.T	Scheepers	IKheis Municipality - Municipal Manager	97 Orange Street, Groblershoop, 8850	Private Bag X2, Oranje Street 97, Groblershoop 8850	<a href="mailto:teresascheepers@vodamail.co.za">teresascheepers@vodamail.co.za</a>
JG	Lategan	Kai ! Garib Municipality - Municipal Manager	11 Ave 9, Kakamas, 8870	Private Bag X6, Kakamas, 8870	<a href="mailto:mm@kaigarib.gov.za">mm@kaigarib.gov.za</a>
Mashudu	Randwedzi	Department of Water and Sanitation	Louisvale Road, Upington 8800	Private Bag X5912 Upington 8800	-
Melinda	Mei	Department of Water and Sanitation	Louisvale Road, Upington, 8801	Private Bag X5912 Upington 8800	<a href="mailto:MeiM@dwa.gov.za">MeiM@dwa.gov.za</a>
Shaun	Cloete	Department of Water and Sanitation	Louisvale Road, Upington, 8802	Private Bag X5912 Upington 8801	<a href="mailto:CloeteS@dws.gov.za">CloeteS@dws.gov.za</a>
Mandla	Ndzilili	Ministry of Environment and Nature Conservation	4th Floor, Metlife Towers Building, cnr Market Square and Stead Streets, Kimberley 8301	Private Bag X6120 Kimberley 8301	<a href="mailto:mndzilili@ncpg.gov.za">mndzilili@ncpg.gov.za</a>
Sibonelo	Mbanjwa	Provincial Department of Environment and Nature Conservation: Northern Cape	Sasko Building Kimberley Sasko Building 90 Long Street Kimberley 8301	Private Bag X6120 Kimberley 8301	<a href="mailto:smbanjwa@ncpg.gov.za">smbanjwa@ncpg.gov.za</a>
Mashudu	Marubini	Department of Agriculture, Forestry and Fisheries - Delegate of the Minister (Act 70 of 1970)	Delpen Building, cnr Annie Botha and Union Street, Office 270, Pretoria, 0001	Private Bag X120, Pretoria 0001	<a href="mailto:MashuduMa@daff.gov.za">MashuduMa@daff.gov.za</a>
H.J.	Buys	Department of Agriculture, Forestry and Fisheries: Land Use and Soil Management	Delpen Building, cnr Annie Botha and Union Street, Office 270,	Private Bag X120 Gezina, Pretoria 0031	<a href="mailto:nhlakad@daff.gov.za">nhlakad@daff.gov.za</a>

Scoping and Environmental Impact Assessment for the proposed Development of Seven Solar Photovoltaic Facilities of 75 MW each for Mulilo Renewable Project Developments north-east of Kenhardt, Northern Cape

FIRST NAME	SURNAME	COMPANY/ ORGANISATION	PHYSICAL ADDRESS	POSTAL ADDRESS	EMAIL
			Pretoria, 0001		
Thoko	Buthelezi	Department of Agriculture, Forestry and Fisheries - AgriLand Liaison office	Delpen Building, cnr Annie Botha and Union Street, Office 270, Pretoria, 0002	Private Bag X120, Pretoria 0001	<a href="mailto:ThokoB@daff.gov.za">ThokoB@daff.gov.za</a>
D	Nhlakad	Department of Agriculture, Forestry and Fisheries - AgriLand Liaison office	Delpen Building cnr Annie Botha and Union Street Pretoria 0001	Private Bag X120, Pretoria 0001	<a href="mailto:nhlakad@daff.gov.za">nhlakad@daff.gov.za</a>
Anneliza	Collett	Department of Agriculture, Forestry and Fisheries - AgriLand Liaison office	Office 270 Delpen Building cnr Annie Botha and Union Street Pretoria 0001	Private Bag X120, Pretoria 0001	<a href="mailto:annelizac@nda.agric.za">annelizac@nda.agric.za</a>
Jacoline	Mans	Department of Agriculture, Forestry and Fisheries - Chief Forester: NFA Regulation	Louisvale Road, Upington 8800	PO BOX 2782 Upington 8800	<a href="mailto:JacolineMa@daff.gov.za">JacolineMa@daff.gov.za</a>
Ali	Diteme	Agriculture, Land Reform & Rural Development	162 George Street (Old Kimberlite Hotel), Kimberley, 8300	Private Bag X 5018, Kimberley, 8300	<a href="mailto:aditeme@agri.ncape.gov.za">aditeme@agri.ncape.gov.za</a>
Pieter	Buys	National Energy Regulator of South Africa (NERSA)	Kulawula House 526 Vermeulen Street Arcadia Pretoria	PO Box 40343, Arcadia, 0007	<a href="mailto:peter.buys@nersa.org.za">peter.buys@nersa.org.za</a>
IA	Bulane	Department of Public Works, Roads and Transport	9-11 Stokroos Street, Squarehill Park, Kimberley 8301	PO Box 3132, Squarehill Park, Kimberley 8300	-
Denver	Van Heerden	Department of Public Works, Roads and Transport	9-11 Stokroos Street, Squarehill Park, Kimberley 8301	PO Box 3132, Squarehill Park, Kimberley 8300	<a href="mailto:klawrence@trpw.ncape.gov.za">klawrence@trpw.ncape.gov.za</a>
Rene	de kock	South African Roads Agency Limited (SANRAL) Northern Cape (Western Region)	Parc du Cap, Building 5, Cnr Mispel Str & Willie van Schoor Ave,	Private Bag X19 Bellville, 7535	<a href="mailto:waltjc@nra.co.za">waltjc@nra.co.za</a> <a href="mailto:Dekockr@nra.co.za">Dekockr@nra.co.za</a>

Scoping and Environmental Impact Assessment for the proposed Development of Seven Solar Photovoltaic Facilities of 75 MW each for Mulilo Renewable Project Developments north-east of Kenhardt, Northern Cape

FIRST NAME	SURNAME	COMPANY/ ORGANISATION	PHYSICAL ADDRESS	POSTAL ADDRESS	EMAIL
			Bellville 7530		
Nicole	Abrahams	South African Roads Agency Limited (SANRAL) Northern Cape (Western Region)	Parc du Cap, Building 5, Cnr Mispel Str & Willie van Schoor Ave, Bellville 7530	Private Bag X19 Bellville, 7535	<a href="mailto:AbrahamsN@nra.co.za">AbrahamsN@nra.co.za</a>
M	Lepheane	Department of Labour		Private Bag X5012, Kimberley, 8300	<a href="mailto:monica.lepheane@labour.gov.za">monica.lepheane@labour.gov.za</a>
A	Botes	Department of Social Development	Mimosa Complex, Barkley Road, Kimberley 8300	Private Bag X 5042, Kimberley 8300	<a href="mailto:ptigerncp.gov.za">ptigerncp.gov.za</a>
Riaan	Warie	Northern Cape Economic Development Agency	227 Du Toitspan Road, Belgravia, Kimberley 8301	227 Du Toitspan Road, Belgravia, Kimberley 8301	<a href="mailto:rwarie@ncpg.gov.za">rwarie@ncpg.gov.za</a>
Andrew	Timothy	Directorate Heritage, Department - Sports, Arts and Culture	1 Robb Street, Kimberley North	P. O. Box 1930, Kimberley 8300	<a href="mailto:ratha.timothy@gmail.com">ratha.timothy@gmail.com</a>
Lizell	Stroh	South African Civilian Aviation Authority	Ikhaya Lokundiza, 16 Treur Close, Waterfall Park, Bekker Street, Midrand, Gauteng	Private Bag X73 Halfway House 1685	<a href="mailto:strohl@caa.co.za">strohl@caa.co.za</a>
John	Geeringh	ESKOM	D1Y38, Megawatt Park, 1 Maxwell Drive, Sunninghill, 2191	P.O.Box 1091 Johannesburg 2157	<a href="mailto:GeerinJH@eskom.co.za">GeerinJH@eskom.co.za</a>
Kevin	Leask	ESKOM			<a href="mailto:LeaskK@eskom.co.za">LeaskK@eskom.co.za</a>
Justine	Wyngaardt	Eskom Holdings Limited: Eskom Distribution Western Operating Unit	Eskom Road, Brackenfell, Western Cape 7561		<a href="mailto:WyngaaJO@eskom.co.za">WyngaaJO@eskom.co.za</a>
Lindi	Haarhoff	ESKOM (Nieuwehoop Substation)			<a href="mailto:HaarhL@eskom.co.za">HaarhL@eskom.co.za</a>
Sharon	Steyn	Northern Cape Chamber of Commerce and Industry	Business Park, 14 Long Street Kimberley 8300	PO Box 350, Kimberley 8300	<a href="mailto:sharon@nocco.co.za">sharon@nocco.co.za</a>
Karen	Low	Mulilo Renewable Project Developments	303c Execujet Business Centre Tower Road	PO Box 50 Cape Town International	karen@mulilo.com

Scoping and Environmental Impact Assessment for the proposed Development of Seven Solar Photovoltaic Facilities of 75 MW each for Mulilo Renewable Project Developments north-east of Kenhardt, Northern Cape

FIRST NAME	SURNAME	COMPANY/ ORGANISATION	PHYSICAL ADDRESS	POSTAL ADDRESS	EMAIL
			Cape Town International Airport South Africa 7525	Airport South Africa 7525	
Henning	Myburgh	Agri Northern Cape		PO Box 1094, Kimberly 8300	<a href="mailto:ncagric@worldonline.co.za">ncagric@worldonline.co.za</a> <a href="mailto:ontvang@agric.co.za">ontvang@agric.co.za</a>
Adrian	Tiplady	SKA SA	17 Baker Street Rosebank Johannesburg South Africa 2196		<a href="mailto:atiplady@ska.ac.za">atiplady@ska.ac.za</a>
Marina	Lourens	Transnet Freight Rail		Private Bag X11, Vredenburg, 7379	<a href="mailto:Marina.Lourens@transnet.net">Marina.Lourens@transnet.net</a>
Gilbert	Nortier	Transnet Freight Rail		Private Bag X11, Vredenburg, 7380	<a href="mailto:Gilbert.Nortier@transnet.net">Gilbert.Nortier@transnet.net</a>
Mayvyn	Bhana	Transnet			<a href="mailto:Mayvyn.Bhana@transnet.net">Mayvyn.Bhana@transnet.net</a>
Clive	Stephenson	Transnet			<a href="mailto:Clive.Stephenson@transnet.net">Clive.Stephenson@transnet.net</a>
The Director		Department of Energy Northern Cape	65 Phakamile Mabija Street, Perm Building, 3rd Floor, Kimberley, 8300	Private Bag X6093 Kimberley, 8300	
Chantel	Schwartz	Department of Water and Sanitation (DWS)		Private Bag X5912 Upington 8800	<a href="mailto:SchwartzC@dws.gov.za">SchwartzC@dws.gov.za</a>
Kgauta	Mokoena	<b>Department of Mineral Resources</b>	<b>Director: Mine Environmental Research and Sustainable Development</b>	Private Bag x 59 ARCADIA 0007	<a href="mailto:Kgauta.Mokoena@dmr.gov.za">Kgauta.Mokoena@dmr.gov.za</a>

Scoping and Environmental Impact Assessment for the proposed Development of Seven Solar Photovoltaic Facilities of 75 MW each for Mulilo Renewable Project Developments north-east of Kenhardt, Northern Cape

FIRST NAME	SURNAME	COMPANY/ ORGANISATION	PHYSICAL ADDRESS	POSTAL ADDRESS	EMAIL
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Chris	Coetzee	Southern African Large Telescope (SALT) Sutherland	SALT Operations Manager  Project Manager Raoul Van den Berg raoul@salt.ac.za  ASTRONOMY OPERATIONS Head of Astronomy Operations Petri Vaisanen petri@salt.ac.za		<a href="mailto:chris@salt.ac.za">chris@salt.ac.za</a>
Raoul	Van den Berg	Southern African Large Telescope (SALT) Sutherland	SALT Project Manager		<a href="mailto:raoul@salt.ac.za">raoul@salt.ac.za</a>
Dr. Joh R	Henschel	SAEON Arid Lands Node	Manager		<a href="mailto:joh.henschel@saeon.ac.za">joh.henschel@saeon.ac.za</a>
Praneel	Ruplal	Independent Communications Authority of South Africa (ICASA)			<a href="mailto:pruplal@icasa.org.za">pruplal@icasa.org.za</a>

FIRST NAME	SURNAME	COMPANY/ ORGANISATION	PHYSICAL ADDRESS	POSTAL ADDRESS	EMAIL
<b>Conservation organizations and NGOs</b>					
Simon	Gear	Birdlife South Africa		PO Box 515 Randburg, 2194	<a href="mailto:advocacy@birdlife.org.za">advocacy@birdlife.org.za</a>
Lubabalo	Ntsolo	C.A.P.E. Co-ordination Unit: Northern Cape		Private Bag X7, Claremont, 7735	<a href="mailto:l.ntsolo@sanbi.org.za">l.ntsolo@sanbi.org.za</a>
Freyne	du Toit	Grasslands Society of Southern Africa			<a href="mailto:admin@grasslands.org.za">admin@grasslands.org.za</a>
		Endangered Wildlife Trust, Wildlife and Energy Programme			<a href="mailto:wep@ewt.org.za">wep@ewt.org.za</a>
Dr. Howard	Hendricks	South African National Parks (SANParks) - Snr GM: Policy & Governance Conservation Services Division		PO Box 787, Pretoria, 0001	<a href="mailto:howard.hendricks@sanparks.org">howard.hendricks@sanparks.org</a>
Samantha	Ralston	Endangered Wildlife Trust		Private Bag X11, Modderfontein, 1609, Johannesburg	
<b>Land Owners and Adjacent Property Owners</b>					
Andre	Van Niekerk	Kamkuip Boerdery (Pty) Ltd			<a href="mailto:straussdj@orientis.co.za">straussdj@orientis.co.za/</a> <a href="mailto:ameliastrauss2@gmail.com">ameliastrauss2@gmail.com</a>
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Andre	Van Niekerk	Van Niekerk Gesins Trust			<a href="mailto:andre.vanniekerk10@gmail.com">andre.vanniekerk10@gmail.com/</a> <a href="mailto:kraaines@mweb.co.za">kraaines@mweb.co.za</a>
Rudolph	Grobler			PO Box 41, Keimos 8860	<a href="mailto:boozahunter@yahoo.com">boozahunter@yahoo.com</a>
Hendrik	Van Wyk	Wilcaris Pty Ltd			<a href="mailto:hendri@aheadtrading.co.za">hendri@aheadtrading.co.za</a>

Scoping and Environmental Impact Assessment for the proposed Development of Seven Solar Photovoltaic Facilities of 75 MW each for Mulilo Renewable Project Developments north-east of Kenhardt, Northern Cape

FIRST NAME	SURNAME	COMPANY/ ORGANISATION	PHYSICAL ADDRESS	POSTAL ADDRESS	EMAIL
Ernest	Connan	Ernest Connan Trust		PO Box 290, Upington, 8800	<a href="mailto:ernest.connan@donco.co.za">ernest.connan@donco.co.za</a>
Johan	Steenkamp	JHJ Steenkamp Trust		JHJ Steenkamp Trust PO Box 3267 Upington 8800	<a href="mailto:jhjs@webmail.co.za">jhjs@webmail.co.za</a>
<b>Additional Registered I&amp;APS</b>					
Melanie	Miles	Leads 2 Business			<a href="mailto:MelanieM@L2B.co.za">MelanieM@L2B.co.za</a>
Claude	Bosman	Veroniva (PTY) Ltd - Renewable Energy			<a href="mailto:claud@veroniva.co.za">claud@veroniva.co.za</a>
Enelge	Gildenhuys	Mainstream Renewable Power	4th Floor, Mariendahl House, Newlands on Main Corner Main Road and Campground, Claremont	PO Box 45063, Claremont, 7735	<a href="mailto:Enelge.Gildenhuys@mainstreamrp.com">Enelge.Gildenhuys@mainstreamrp.com</a>
Ivan De Wee	De Wee	T/A Mhalo Building Construction			<a href="mailto:ivandewee@gmail.com">ivandewee@gmail.com</a> ; <a href="mailto:dewee@gmail.com">dewee@gmail.com</a>
Lawrence	Smith	Proptrans NC			<a href="mailto:proptransnc@gmail.com">proptransnc@gmail.com</a>
Myren	Bock				<a href="mailto:myrenb91@gmail.com">myrenb91@gmail.com</a>
Nico	Engelbrecht	Tshwalec Power Projects			<a href="mailto:nico@tshwalec.co.za">nico@tshwalec.co.za</a>
Neels	Vosloo	Tswalec & Solarett Joint Venture			<a href="mailto:nico@tshwalec.co.za">nico@tshwalec.co.za</a>
Ordain	Riba	Environmental Officer Directorate: Impact Management	Department of Environment and Nature Conservation		<a href="mailto:oriba@ncpg.gov.za">oriba@ncpg.gov.za</a>



FIRST NAME	SURNAME	COMPANY/ ORGANISATION	PHYSICAL ADDRESS	POSTAL ADDRESS	EMAIL
			Private Bag x 6102 Kimberley 8300		<a href="mailto:oriba.denc@gmail.com">oriba.denc@gmail.com</a>



Scoping and Environmental Impact Assessment for the proposed Development of a 75 MW Solar Photovoltaic Facility (GEMSBOK SOLAR PV4) on Portion 3 of Gemsbok Bult Farm 120, north-east of Kenhardt, Northern Cape Province

# EIA REPORT

## APPENDIX D:

Copy of Newspaper  
Advertisement

Newspaper Advertisement – The Gemsbok

11 SEPTEMBER 2015

DI E GEMSBOK

BLADSY 11

# Niël se nuwe boek by Kuierfees bekend gestel

**GEMSBOK-UPINGTON:** Niël Stemmet is 'n kosskrywer, fotojoernalis, wynplaas- en restaurant-konsultant en bekroonde ontwerper, wat in die ontwerp van restaurante spesialiseer.

Dit is ook met groot opgewondenheid dat hy sy nuutste boek, *Bitter+soet*, tydens die Kalahari Kuierfees op Woensdag, 23 September, gaan kom bekend stel.

*Bitter+soet* vertel die verhaal van Mietha Klaaste wat op die plaas Langverwacht, in die omgewing van Robertson grootgeword het, soos oorvertel deur Niël Stemmet.

Die lief en leed van Mietha en Daniël word op kleurvolle wyse vertel, met gedigte, rympies en liedjies toegelig, terwyl vergange dae se lekker resepte deel daarvan uitmaak.

Die Saterdagoggend gaan Niël 'n kosproduksie in die OWK Kuierent lewer. Vir verdere navrae skakel die feeskantoor by 054 332 1100.



Wen 'n Bitter +soet

Gemsboklesers kry ook kans een van Niël se boeke te wen. Stuur 'n outentieke resep na [elsaj@gemsbok.co.za](mailto:elsaj@gemsbok.co.za) en staan 'n kans om een van die boeke te wen.

## Uittreksel uit *Bitter+soet*

hoofstuk 17

*Hoe verlang ek nie vanaand na my Daniël-kind, na die jongseunruik as ek sy borselkop vasdruk in myse nek.*

*Ek onthou hoe ek jou gebad het toe jy 'n klein baba was, jou oortjies gewas het, tussen jou toontjies waar dit so maklik suur kon ruik. Ek onthou hoe ek jou boudjies vol Johnson's se babapoer gegooi het wanneer jy rooi uitslag had. Hoe ek jou winde uitgeveef het en jou duisende nappies gewas en drooggestryk het in die kou van die winter.*

*Ek onthou al die moeilik, dit bly om 'n ewe, mies Susan. Nag, baas Johan. "Nag, Mietha. Dankie, Mietha."*

*Ek onthou hoe ek jou stories vertel het van feetjies wat in die bos dans. Hoe ek jou leer knikers uithaal het op die gras voor die huis. Hoe ek jou geleer het dat die gousblomme se toekoppies ook swiets kan wees om te kou. Hoe ek jou leer bossies blomme pluk het vir jou ma.*

*Ek onthou toe jy siek was en ek langs jou bed gesit het, hoe ek jou stroop gevoer het, jou voorkop afgespons het, alles*

*sou en wou doen om die koors in jou luf te breek.*

*Ek onthou soveel goed ... Jy, my kind, my grootmaakkind, my vashoukind, my liefmenskind.*

*Baa-baa swartskaap*

*Het jy baie wol?*

*Ja oom, ja oom, drie sakke vol. Een vir die tannie en een vir die oom En een vir die dogtertjie*

*Van Wakkerstroom*

*Ek onthou hoe ek jou geabba het op my rug, om jou aan die slaap te sus, jou na droomband toe te stuur. Soms biddend as jy klaed was met al die huiswerk voor my, dat Klaasvatie net sand in jou ogies sal strooi, solat ek met my werk kan klaarmaak.*

*Dan werk ek deur die huis, die potte maak musiek op die stoof, ek vrywe die meubels in met rooi meubelolie, op my knieë polisie ek die vloere met Cobrapolish, ek was die vensters met ou Die Burger-koerante en pers spirits, ek was die kosynte af, bo-op die kaste, agter*

*die kaste terwyl ek jou hart se klop soos 'n nagwekker op my rug voel. Jou mondjie se kwyf maak nat op my rug, ek haal jou van my rug, maak jou doek skoon en soen jou oë.*

*Ek vee die jaart, trek die onkruid uit, gee die voëltyes broodkrummels uit die kombuis, was die wasgoed, jaag die muisoëls uit die vyeboom, maak my kamer skoon, haal die wasgoed van die draad, stryk en polisie die voorstoep mooi rooi blink.*

*Ek onthou die dag toe jy skool toe is – jy was skaars ses jare oud. Dit was warm, middel Januarie in 1968. Jou oupa het jou hare geskeer agter teen die nek op, om jou ore, jou sagte krulle het hy weggesny. Agter by jou haarlyn was een kroon en voor was twee kroon. Hulle kon jou hare wegsny, maar jouse blou oë, dié was myne.*

*Ek onthou hoe ek en jy die nag wat Neil Armstrong op die maan geloop het, buite op die lawn gesit het en die man in die maan probeer sien het. Jy het 'n hasie gesien en ek ook, tog het ons geglo die man op die maan, dié Neil-man, het ons raakgesien. "Kyk, Mietha, hy waai! Kyk!" "Ja, Daniël, hy waai vir jou en my." Saam het ek en jy van die lawn af vir die maan gewaai, ons arms uitwendig in die naglug.*

*Ek onthou hoe jy my vroeg in jou lewe aia Mietha geroep het. Aia en Outa, dit was respektie name doei-se-tyd. Geen kind het 'n ouer Kleurlingmens op sy naam aangespreek nie, nee, hy het jou geroep Aia of Outa. En ek, ek het gepraat van Nooi, Kleinnooi, en ook die vloekwoord Baas. Die vloekwoord wat alles kom deurmekaar duivel het.*

**STRATEGIESE OMGEWINGSSTUDIE VIR DIE VIERKANTKILOHETEROPSTELLING (SKA) FASE 1 SUID-AFRIKA**

environmental affairs  
Department of Environmental Affairs  
REPUBLIC OF SOUTH AFRICA

SKA AFRICA  
SKA AFRICA

CSIR  
Council for Scientific and Industrial Research

science & technology  
Department of Science and Technology  
REPUBLIC OF SOUTH AFRICA

SANBI  
South African National Biodiversity Institute

NRF  
National Research Foundation

SAEON  
South African Environmental Observation Network

Die Departement van Omgewingsake, in vennootskap met die Departement van Wetenskap en Tegnologie, het die WNNR [Wetenskaplike Nywerheids- en Navorsingsraad] opdrag gegee om 'n Strategiese Omgewingsstudie (SEA) vir SKA Fase 1 Suid-Afrika in die Sentrale Karoo Sentraal Sterrekuud Voordel Area. U word uitgenooi om te registreer op die SEA databasis vir belanghebbende en geaffekteerde partye (B & GP) en insette te verskaf in die SEA proses.

Vir meer inligting oor die SKA-projek, gaan na [www.ska.ac.za](http://www.ska.ac.za)  
Vir meer inligting oor die SEA en/of om te registreer as B & GP, gaan na [www.skaphase1.csisr.co.za](http://www.skaphase1.csisr.co.za)

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**KENNISGEWING VAN OMGEWINGSIMPAKVALUERINGS- EN ONTWIKKELING VAN SEVE FOTOVOLTAÏSE SONKRAGAANLEGTE NOORD-OOS VAN KENHARDT IN DIE NOORD-KAAP**

CSIR VERWYSING: EMS0106/MULILO/2015

Mulilo Renewable Project Developments (Pty) Ltd (die Aansoeker) is van voorneme om sewe fotovoltaïese (FV) of gekonsentreerde fotovoltaïese (CPV) sonkragnaallegte met 'n opwekkingsvermoë van 75 MW elk en elektrisiteitsinfrastruktuur (132 kV kraglyn vir elke 75 MW sonkragnaallegte) 30 km noord-oos van Kenhardt op Gedeeltes 3 en 8 van Gembok Bull Plaas 120 en Restant van Boven Rugzeer Plaas 169 op te rig. Twee van die aanlegte sal op Gedeelte 3, twee aanlegte sal op Gedeelte 8 van Gembok Bull Plaas 120 opping word en drie aanlegte op Restant van Boven Rugzeer Plaas 169.

In terme van die Nasionale Wet op Omgewingsbestuur (Wet 107 van 1998, soos gewysig) [NEMA] en die 2014 NEMA Omgewings Impak Assesserings (EIA) Regulasies gepromulgeer in Staatskoerant 38282 en Staatskennisgewing (R982, R983, R984 en R985) op 8 Desember 2014, vereis die beoogde projekte dat 'n Omgewingsbeplanning en Omgewingsbeoordeling (OEB) proses onderneem moet word. Die Wetenskaplike en Nywerheidsnavorsingsraad (WNNR) is deur Mulilo aangestel om die vereiste prosesse te onderneem. Die volgende gelystede aktiwiteite is moontlik van toepassing op die projek en benodig Omgewingsbeplanning voordat die projek voortgaan: GK R983: 11 (i); 12 (i) en (iv); 19 (i); 24 (ii); 28 (ii); GK R984: 1; 15 en GK R985: 12 (d). Die proses sal ook aan die vereistes van die Wet op Nasionale Erfenisulphronne (Wet 25 van 1999) voldoen.

Sewe aparte Omgewingsmoontlikheid aanskou sal ingedien word by die Nasionale Departement van Omgewingsake. Aansoek as sewe projekte in dieselfde geografiese area geleë is in dieselfde tipe aktiwiteit behels sal 'n geïntegreerde Publieke Deelneming Proses onderneem word.

U word hiermee genooi om as 'n belangstellende en/of geaffekteerde party te registreer **teen nie later as 10 Oktober 2015** nie. Dit sal ons in staat stel om u op ons projek databasis by te voeg en ook sodat u enige kommentaar of kwelpteging oorgaan die projek kan opper. Hierdie kommentaar sal by die Omgewingsbeplanningverslag ingesluit word.

Vir verdere inligting en/of as 'n belangstellende en geaffekteerde party te registreer, kontak: **Minissle Levendal** (Omgewings Impak Assesserings Konsultant van WNNR (CSIR) Posadres: Posbus 320, Stellenbosch, 7599. Tel: (021) 888 2495. Faks: (021) 888 2693 E-pos: [mlevendal@csir.co.za](mailto:mlevendal@csir.co.za)

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**ENVIRONMENTAL IMPACT ASSESSMENT PROCESS FOR THE WASTE LICENCE APPLICATION FOR UNLICENSED MUNICIPAL WASTE DISPOSAL FACILITIES IN THE NORTHERN CAPE: INVITATION TO STAKEHOLDERS TO REGISTER AND BE A PART OF THE PROCESS**

Date of advertisement: 9 September 2015

**VREDESVALLEI AND RIEMVASMAAK COMMUNAL LANDFILLS**

The Department of Environmental Affairs (DEA) has appointed SE Solutions (Pty) Ltd and AECOM SA (Pty) Ltd to prepare the necessary applications to license the following already existing unlicensed waste disposal facilities (WDFs) in the Northern Cape. These WDFs are classified as a Category A facility in terms of the National Environmental Management: Waste Act (Act No. 59 of 2008) (NEM:WA). This requires a Basic Assessment (BA) Process for each of the two facilities.

**SITE LOCATION AND DESCRIPTION**

Notice is hereby given that the Khai IGarib Local Municipality, Northern Cape is applying for a waste licence for the operation of the existing Vredesvallei and Riemvasmaak Landfills. These landfills currently accept general domestic waste.

**PROJECT TEAM**

Applicant: Khai IGarib Local Municipality  
Independent Environmental Consultant: SE Solutions (Pty) Ltd  
Environmental Authority: Northern Cape Provincial Department of Environment and Nature Conservation (DENC).

**REGISTRATION OF INTERESTED AND AFFECTED PARTIES (I&APs):**

Should you wish to register as an I&AP, please submit your name, contact information, interest in the matter and any comments you may have to the contact person indicated below. This will ensure that you receive future correspondence regarding the proposed process.

Please direct enquiries or comments to **Ms Bongzi Shinga** at AECOM:  
Tel: (012) 421 3767  
Fax: 086 650 0711  
Post: P O Box 3173, Pretoria, 0001  
E-mail: [bongzi@deawaste2015.co.za](mailto:bongzi@deawaste2015.co.za)

**AECOM**

**SE SOLUTIONS**  
Advancing Environmental Sustainability

**ENVIRONMENTAL IMPACT ASSESSMENT PROCESS FOR THE WASTE LICENCE APPLICATION FOR UNLICENSED MUNICIPAL WASTE DISPOSAL FACILITIES IN THE NORTHERN CAPE: INVITATION TO STAKEHOLDERS TO REGISTER AND BE A PART OF THE PROCESS**

Date of advertisement: 9 September 2015

**VIOLSDRIFT AND ROOIBAL COMMUNAL LANDFILLS**

The Department of Environmental Affairs (DEA) has appointed SE Solutions (Pty) Ltd and AECOM SA (Pty) Ltd to prepare the necessary applications to license the following already existing unlicensed waste disposal facilities (WDFs) in the Northern Cape. These WDFs are classified as a Category A facility in terms of the National Environmental Management: Waste Act (Act No. 59 of 2008) (NEM:WA). This requires a Basic Assessment (BA) Process for each of the two facilities.

**SITE LOCATION AND DESCRIPTION**

Notice is hereby given that the Nama Khoi Local Municipality, Northern Cape is applying for a waste licence for the operation of the existing Violsdrift and Rooibal Landfills. These landfills currently accept general domestic waste.

**PROJECT TEAM**

Applicant: Nama Khoi Local Municipality  
Independent Environmental Consultant: SE Solutions (Pty) Ltd  
Environmental Authority: Northern Cape Provincial Department of Environment and Nature Conservation (DENC).

**REGISTRATION OF INTERESTED AND AFFECTED PARTIES (I&APs):**

Should you wish to register as an I&AP, please submit your name, contact information, interest in the matter and any comments you may have to the contact person indicated below. This will ensure that you receive future correspondence regarding the proposed process.

Please direct enquiries or comments to **Ms Bongzi Shinga** at AECOM:  
Tel: (012) 421 3767  
Fax: 086 650 0711  
Post: P O Box 3173, Pretoria, 0001  
E-mail: [bongzi@deawaste2015.co.za](mailto:bongzi@deawaste2015.co.za)

**AECOM**

## KENNISGEWING VAN OMGEWINGSIMPAAKEVALUERINGS-PROSESSE VIR DIE ONTWIKKELING VAN SEWE FOTOVOLTAÏESE SONKRAG-ANLEGTE NOORD-OOS VAN KENHARDT IN DIE NOORD-KAAP

CSIR VERWYSING: EMS0106/MULILO/2015



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Sewe aparte Omgewingsmagtiging aansoeke sal ingedien word by die Nasionale Departement van Omgewingsake. Aangesien al sewe projekte in dieselfde geografiese area geleë is en dieselfde tipe aktiwiteit behels sal 'n geïntegreerde Publieke Deelname Proses onderneem word.

U word hiermee genooi om as 'n belangstellende en/of geaffekteerde party te registreer (**teen nie later as 10 Oktober 2015 nie**). Dit sal ons in staat stel om u op ons projek databasis by te voeg en ook sodat u enige kommentaar of kwelpunte aangaande die projek kan opper. Hierdie kommentaar sal by die Omvangsbepalingverslag ingesluit word.

Vir verdere inligting en/of om as 'n belangstellende en geaffekteerde party te registreer, kontak: **Minnelise Levendal (Omgewings Impak Asseserings Konsultant van WNNR (CSIR))**  
**Posadres: Posbus 320, Stellenbosch, 7599. Tel:(021) 888 2495. Faks:(021) 888 2693**  
**E-pos: mlevendal@csir.co.za**





Scoping and Environmental Impact Assessment for the proposed Development of a 75 MW Solar Photovoltaic Facility (GEMSBOK SOLAR PV4) on Portion 3 of Gemsbok Bult Farm 120, north-east of Kenhardt, Northern Cape Province

# EIA REPORT

## APPENDIX E:

Copies and Proof of Correspondence sent to I&APs during the Scoping Phase

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**Proof of Notice to I&APs of the submission of the Scoping Report to DEA for decision-making.**

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From: Minnelise Levendal <mlevendal@csir.co.za> 09-Dec-2015 15:03  
To: Minnelise Levendal <mlevendal@csir.co.za>

Muhammad Essop <messop@environment.gov.za>, LeaskK@eskom.co.za <leaskk@eskom.co.za>, MeiM@dwa.gov.za <meim@dwa.gov.za>, boozahunter@yahoo.com <boozahunter@yahoo.com>, Nico Engelbrecht <nico@tshwalec.co.za>, Gilbert.Nortier@transnet.net <gilbert.nortier@transnet.net>, ncagric@worldonline.co.za <ncagric@worldonline.co.za>, ontvang@agric.co.za <ontvang@agric.co.za>, karen@mulilo.com <karen@mulilo.com>, Clive.Stephenson@transnet.net <clive.stephenson@transnet.net>, monica.lepheane@labour.gov.za <monica.lepheane@labour.gov.za>, Justine Wyngaardt <wyngaajo@eskom.co.za>, rwarie@ncpg.gov.za <rwarie@ncpg.gov.za>, sharon@nocci.co.za <sharon@nocci.co.za>, Melanie Miles <melaniem@l2b.co.za>, straussdj@orientis.co.za/ ameliastrauss2@gmail.com <strausdj@orientis.co.za/ ameliastrauss2@gmail.com>, Mayvyn.Bhana@transnet.net <mayvyn.bhana@transnet.net>, aditeme@agri.ncape.gov.za <aditeme@agri.ncape.gov.za>, advocacy@birdlife.org.za <advocacy@birdlife.org.za>, admin@grasslands.org.za <admin@grasslands.org.za>, sb@siyanda.gov.za <sb@siyanda.gov.za>, smbanjwa@ncpg.gov.za <smbanjwa@ncpg.gov.za>, mm@kaigarib.gov.za <mm@kaigarib.gov.za>, mmathews@ncpg.gov.za <mmathews@ncpg.gov.za>, mashuduma@daff.gov.za <mashuduma@daff.gov.za>, nyaphi@ncpg.gov.za <nyaphi@ncpg.gov.za>, nhlakad@daff.gov.za <nhlakad@daff.gov.za>, Nicole  
BCC: Abrahams (WR) <abrahamsn@nra.co.za>, Claude Bosman <claudio@veroniva.co.za>, waltjc@nra.co.za <waltjc@nra.co.za>, ivandewee@gmail.com <ivandewee@gmail.com>, MMatlala Rabothata <mrabothata@environment.gov.za>, CloeteS@dws.gov.za <cloetes@dws.gov.za>, JacolineMa@daff.gov.za <jacolinema@daff.gov.za>, ThokoB@daff.gov.za <thokob@daff.gov.za>, l.ntsolo@sanbi.org.za <l.ntsolo@sanbi.org.za>, peter.buys@nersa.org.za <peter.buys@nersa.org.za>, ORiba@ncpg.gov.za <oriba@ncpg.gov.za>, Adrian Tiplady <atiplady@ska.ac.za>, dewee@gmail.com <dewee@gmail.com>, proptransnc@gmail.com <proptransnc@gmail.com>, ernest.connan@donco.co.za <ernest.connan@donco.co.za>, mndzilili@ncpg.gov.za <mndzilili@ncpg.gov.za>, hendri@aheadtrading.co.za <hendri@aheadtrading.co.za>, sdelafontaine@gmail.com <sdelafontaine@gmail.com>, strohl@caa.co.za <strohl@caa.co.za>, andre.vanniekerk10@gmail.com/ kraaines@mweb.co.za <andre.vanniekerk10@gmail.com/ kraaines@mweb.co.za>, Enelge.Gildenhuys@mainstreamrp.com <enelge.gildenhuys@mainstreamrp.com>, fpr@bodr.gov.za <fpr@bodr.gov.za>, howard.hendricks@sanparks.org <howard.hendricks@sanparks.org>, John Geeringh <geerinh@eskom.co.za>, Marina.Lourens@transnet.net <marina.lourens@transnet.net>, annelizac@nda.agric.za <annelizac@nda.agric.za>, wep@ewt.org.za <wep@ewt.org.za>, teresascheepers@vodamail.co.za <teresascheepers@vodamail.co.za>,

<https://archive.csir.co.za/RetainServer/User/download.jsp?get=1&download=0&docId...> 18/03/2016

myrenb91@gmail.com <myrenb91@gmail.com>, jhjs@webmail.co.za <jhjs@webmail.co.za>, ratha.timothy@gmail.com <ratha.timothy@gmail.com>, klawrence@trpw.ncape.gov.za <klawrence@trpw.ncape.gov.za>  
Subject: Notice of Submission of Scoping Reports to DEA for decision-making for 7 Solar PV Facilities of Mulilo near Kenhardt, NC  
Attachments: MESSAGE HTML (11362 bytes)  
MESSAGE TEXT (3158 bytes)

Dear Stakeholders and Interested and Affected Parties

**NOTICE OF SUBMISSION OF THE SCOPING REPORTS TO THE COMPETENT AUTHORITY FOR DECISION-MAKING FOR THE PROPOSED DEVELOPMENT OF SEVEN SOLAR PHOTOVOLTAIC (PV) FACILITIES PROPOSED BY MULILO RENEWABLE PROJECT DEVELOPMENTS (PTY) LTD.**

**REFERRED TO AS GEMSBOK SOLAR PV3, GEMSBOK SOLAR PV4 ON PORTION 3 OF GEMSBOK BULT FARM 120; GEMSBOK SOLAR PV5 AND GEMSBOK SOLAR PV6 ON PORTION 8 OF GEMSBOK BULT FARM 120; AND BOVEN SOLAR PV2, BOVEN SOLAR PV3 AND BOVEN SOLAR PV4 ON THE REMAINING EXTENT OF BOVEN RUGZEER FARM 169), NORTH-EAST OF KENHARDT, NORTHERN CAPE PROVINCE**

**Competent Authority:** National Department of Environmental Affairs

**CSIR REFERENCE : EMS0106/MULILO/2015**

This e-mail correspondence serves to inform you of the submission of the seven Scoping Reports for the above-mentioned proposed projects to the National Department of Environmental Affairs (DEA) for decision-making in terms of Regulation 22 of the 2014 National Environmental Management Act (Act 107 of 1998, as amended) (NEMA) Environmental Impact Assessment (EIA) Regulations. The Project Applicant is intending to develop seven 75 Megawatt (MW) Solar Photovoltaic (PV) power generation facilities, on the farms mentioned above, approximately 80 km south of Upington and 30 km north-east of Kenhardt within the !Kheis Local Municipality, Northern Cape Province. The proposed 75 MW Solar PV projects are referred to as:

1. Gemsbok Solar PV3 (DEA reference number: 14/12/16/3/3/2/841)
2. Gemsbok Solar PV4 (DEA reference number: 14/12/16/3/3/2/842)
3. Gemsbok Solar PV5 (DEA reference number: 14/12/16/3/3/2/843)
4. Gemsbok Solar PV6 (DEA reference number: 14/12/16/3/3/2/844)
5. Boven Solar PV2 (DEA reference number: 14/12/16/3/3/2/845)
6. Boven Solar PV3 (DEA reference number: 14/12/16/3/3/2/846)
7. Boven Solar PV4 (DEA reference number: 14/12/16/3/3/2/847)

As a registered Interested and Affected Party (I&AP) on the project database, you were notified of the release of the Scoping Reports for a 30-day review period. The comments received from stakeholders during this review period have been incorporated into the finalised Scoping Reports (where required), as well as the Issues and Responses Trail (i.e. Chapter 7 of the finalised Scoping Reports).

As noted above, the finalised Scoping Reports were submitted to the National DEA, in accordance with Regulation 21 (1) of the 2014 NEMA EIA Regulations, for decision-making (i.e. acceptance or rejection) in terms of Regulation 22 of the 2014 NEMA EIA Regulations. If the Scoping Reports are approved by the National DEA, this approval will mark the end of the Scoping Phase after which the EIA Process moves into the impact assessment and reporting phase. You will be notified and provided with an opportunity to comment on the EIA Reports when released.

For information purposes, the finalised Scoping Reports for the seven Solar PV projects have been placed on the project website: [www.csir.co.za/eia/MuliloSolar](http://www.csir.co.za/eia/MuliloSolar)

<https://archive.csir.co.za/RetainServer/User/download.jsp?get=1&download=0&docId...> 18/03/2016



Thank you and kind regards,  
Minnelise Levendal  
CSIR - Environmental Management Services  
P. O. Box 320, Stellenbosch, 7599  
Tel: 021 888 2495  
Email: [mlevendal@csir.co.za](mailto:mlevendal@csir.co.za)

<https://archive.csir.co.za/RetainServer/User/download.jsp?get=1&download=0&docId...> 18/03/2016

## Letter 2: Notification of Scoping Report for comment



### CSIR Environmental Management Services

PO Box 320, Stellenbosch, 7599  
Tel: +27 21 888 2495  
Fax: +27 21 888 2693  
Email: mlevendal@csir.co.za

23 October 2015

Dear Interested and Affected Party

**RE: RELEASE OF SCOPING REPORTS FOR THE PROPOSED DEVELOPMENT OF SEVEN SOLAR PHOTOVOLTAIC (PV) FACILITIES (REFERRED TO AS GEMSBOK SOLAR PV3, GEMSBOK SOLAR PV4, GEMSBOK SOLAR PV5 AND GEMSBOK SOLAR PV6; AS WELL AS BOVEN SOLAR PV2, BOVEN SOLAR PV3 AND BOVEN SOLAR PV4) ON PORTIONS 3 AND 8 OF GEMSBOK BULT FARM 120 AND THE REMAINING EXTENT OF BOVEN RUGZEER FARM 169, NORTH-EAST OF KENHARDT, NORTHERN CAPE PROVINCE (CSIR REFERENCE: EMS0102/SCATEC/2015)**

As an Interested and Affected Party on our database, you are hereby notified of the release of the seven Scoping Reports for a 30-day commenting period ending on **24 November 2015** for the seven Solar PV Facilities and associated electrical infrastructure near Kenhardt in the Northern Cape (CSIR Reference Number: EMS0106/MULILO/2015).

Mulilo Renewable Project Developments (PTY) LTD (Mulilo) intends to develop seven Solar PV Facilities of 75 MW each and associated electrical infrastructure (132 kV transmission lines for each 75 MW facility) on Portions 3 and 8 of Gemsbok Bult Farm 120 and the Remaining Extent of Boven Rugzeer Farm 169 near Kenhardt in the Northern Cape. The seven projects are indicated in Table 1.

**Table1: Seven Preferred Solar PV Facilities proposed by Mulilo near Kenhardt in the Northern Cape**

No.	Solar PV Project	Project Site
1.	Gemsbok Solar PV3	Portion 3 of Gemsbok Bult Farm 120
2.	Gemsbok Solar PV4	Portion 3 of Gemsbok Bult Farm 120
3.	Gemsbok Solar PV5	Portion 8 of Gemsbok Bult Farm 120
4.	Gemsbok Solar PV6	Portion 8 of Gemsbok Bult Farm 120
5.	Boven Solar PV2	Remaining Extent of Boven Rugzeer Farm 169
6.	Boven Solar PV3	Remaining Extent of Boven Rugzeer Farm 169
7.	Boven Solar PV4	Remaining Extent of Boven Rugzeer Farm 169

In terms of the National Environmental Management Act (Act 107 of 1998, as amended) (NEMA) and the 2014 NEMA Environmental Impact Assessment (EIA) Regulations promulgated in Government Gazette 38282 and Government Notice (GN) R982, R983, R984 and R985 on 8 December 2014, a full Scoping and EIA Process is required for the construction of the seven Solar PV facilities. In line with Regulation 12 of the 2014 EIA Regulations, the Council for Scientific and Industrial Research (CSIR) has been appointed by the Project Applicant to undertake the separate Scoping and EIA Processes for the proposed projects.

Since the proposed 75 MW Solar PV facilities are located within the same geographical area and constitute the same type of activity, an integrated PPP will be undertaken for the proposed seven projects. However, separate Applications for EA are currently being lodged with the Competent Authority (i.e. the National Department of Environmental Affairs (DEA)) for each proposed Scoping and EIA project. Furthermore, separate reports (i.e. Scoping and EIA Reports) will be compiled for each project.

Kindly complete the enclosed Comment and Registration Form in order to submit any comments, issues or concerns you may have. Please submit the completed form to the CSIR Project Leader, Minnelise Levendal, at the contact details provided above by **24 November 2015**. Hard copies of the Scoping Reports are also available for public viewing at the Kenhardt Library (in Park Street). The Scoping Reports can also be downloaded from the project website: <http://www.csir.co.za/eia/MuliloSolar>

In terms of the way forward, the Scoping Reports will be finalised subsequent to the 30-day comment period, and submitted to the National DEA for decision-making in line with Regulation 22 of the 2014 EIA Regulations. All issues identified and comments raised through the review of the Scoping Reports will be captured in an updated Issues and Responses Trail (as an appendix to the Scoping Report), for submission to the National DEA for decision-making. As a key stakeholder on the project database, you will be notified of the submission of the Scoping Reports to the National DEA for decision-making.

Please do not hesitate to contact us should you have any queries relating to the above.

Sincerely,

Paul Lochner (EAP-CSIR, EMS)

Minnelise Levendal (Project Leader-CSIR-EMS)

Board members: Prof T. Majézi (Chairperson), Adv G. Badela, Ms P. Bileni, Dr P. Goyns, Dr A. Llabell, Dr R. Masango, Ms M. Maseko, Mr J. Netshitenzhe, Ms A. Noah, Prof M. Phakeng, Dr S. Sibisi (CEO)  
[www.csir.co.za](http://www.csir.co.za)

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**Comment form**

**SCOPING AND ENVIRONMENTAL IMPACT ASSESSMENT (EIA) FOR THE PROPOSED DEVELOPMENT OF SEVEN SOLAR PHOTOVOLTAIC OR CONCENTRATED PHOTOVOLTAIC (CPV) SOLAR FACILITIES AND ASSOCIATED ELECTRICAL INFRASTRUCTURE NORTH-EAST OF KENHARDT, NORTHERN CAPE PROVINCE (GEMSBOK SOLAR PV3-, PV4, PV5, PV6; AND BOVEN SOLAR PV2-, 3 & 4) ON PORTIONS 3 AND 8 OF GEMSBOK BULT FARM 120 AND ON THE REMAINING EXTENT OF BOVEN RUGZEER FARM 169**

**CSIR REFERENCE: EMS0106/MULILO/2015**

**PROJECT APPLICANT: MULILO RENEWABLE PROJECT DEVELOPMENTS (PTY) LTD**

**COMMENT AND REGISTRATION FORM**

23 October 2015

<b>Name:</b>	<b>Telephone:</b>
<b>Organisation:</b>	<b>Fax:</b>
<b>Designation:</b>	<b>Email:</b>
<b>Physical address:</b>	<b>Postal address:</b>

Please indicate if you would like to register as an Interested and Affected Party (I&AP) for the proposed projects (if you have not done so already). Registration is required in order to receive further correspondence during the Scoping and EIA Processes. Please tick the appropriate box.

YES	
NO	

Please indicate if you have any interest (business, financial, personal or other) in the proposed projects and/or the Applications for Environmental Authorisation:

--

Please describe any issues or concerns you may have regarding the proposed seven Solar PV projects, which you think should be considered during the EIA Processes.


Please provide details of any other individuals or organisations that should be registered as I&APs:


**PLEASE COMPLETE THIS COMMENT AND REGISTRATION FORM BY 24 NOVEMBER 2015 AND SUBMIT IT TO:**

Minnelise Lavendal CSIR Postal Address: P. O. Box 320, Stellenbosch, 7599 Tel: 021 888 2495/2661 Fax: 021 888 2693 E-mail: <a href="mailto:mlevendal@csir.co.za">mlevendal@csir.co.za</a> Project Website: <a href="http://www.csir.co.za/era/MuliloSolar">http://www.csir.co.za/era/MuliloSolar</a>
--



**Proof of correspondence with I&APs for the release of the Scoping Report for comment**

**List of REGISTERED LETTERS**  
**Lys van GEREGISTREERDE BRIEWE**  
 (with an insurance option/met 'n versekeringsopsie)  
**Full tracking and tracing/Volledige volg en spoor**



Name and address of sender: MINNIEISE LEVENOAL  
 Naam en adres van afsender: CSIR, STELLENBOSCH

Enquiries/Navrae  
 ShareCall  
 number/nommer  
**0800 111 502**  
 www.postoffice.co.za

	Name and address of addressee Naam en adres van geadresseerde	Insured amount Versekerde bedrag	Insurance fee Versekeringsgeld	Postage Posgeld	Service fee Diensgeld	Affix Track and Trace customer copy Plak Volg-en-Spoor-Klientafskrif	
1	M. MATHEWS, Prov Dept of Envir. & Nature PRIVATE BAG X 6102, KIMBERLEY, 8301	✓				REGISTERED LETTER (with a domestic insurance option) ShareCall 0800 111 502 www.sapo.co.za RC 069 405 067 ZA CUSTOMER COPY 301028R	
2	THORO BUTHELEZI, Dep. of Agri. For. & Fish PRIVATE BAG X 120, PELOA, 001	✓				REGISTERED LETTER (with a domestic insurance option) ShareCall 0800 111 502 www.sapo.co.za RC 069 405 084 ZA CUSTOMER COPY 301028R	
3	S. NHIKED, DEPT. OF AGRICULTURE & FISHERIES PRIVATE BAG X 120, PELOA, 001	✓				REGISTERED LETTER (with a domestic insurance option) ShareCall 0800 111 502 www.sapo.co.za RC 069 405 098 ZA CUSTOMER COPY 301028R	
4	ALI AITEME, AGRIC. (LAND REFORM & RURAL DEV) PRIVATE BAG X 5018, KIMBERLEY, 8300	✓				REGISTERED LETTER (with a domestic insurance option) ShareCall 0800 111 502 www.sapo.co.za RC 069 405 107 ZA CUSTOMER COPY 301028R	
5	PIETER BUNY, NERVA, P.O. BOX 40343 ARCADIA, 0007	✓				REGISTERED LETTER (with a domestic insurance option) ShareCall 0800 111 502 www.sapo.co.za RC 069 405 115 ZA CUSTOMER COPY 301028R	
6	M. LEPLANE, REP. OF LABOUR PRIVATE BAG X 5012, KIMBERLEY, 8300	✓				REGISTERED LETTER (with a domestic insurance option) ShareCall 0800 111 502 www.sapo.co.za RC 069 405 124 ZA CUSTOMER COPY 301028R	
7	MR. A. BOTES, DEP. of Social Development PRIVATE BAG X 5042, KIMBERLEY, 8300					REGISTERED LETTER (with a domestic insurance option) ShareCall 0800 111 502 www.sapo.co.za RC 069 405 138 ZA CUSTOMER COPY 301028R	
8	RIMAN WARIÉ, NORTHERN CAPE ECON. DEVELOP 227 DA TOITSPAN RD, BELGRAVIA, KIMBERLEY, 8301	✓				REGISTERED LETTER (with a domestic insurance option) ShareCall 0800 111 502 www.sapo.co.za RC 069 405 144 ZA CUSTOMER COPY 301028R	
9	MR. ANDREKJ TIMOTHY, DIR. GEN. / NAT. SPORTS, ARTS P.O. BOX 1930, KIMBERLEY, 8300	✓				REGISTERED LETTER (with a domestic insurance option) ShareCall 0800 111 502 www.sapo.co.za RC 069 405 155 ZA CUSTOMER COPY 301028R	
10	LIZELL STROH, S.A. CIVILIAN AVIATION AUTHOR PRIVATE BAG X 73, HALFWAY HOUSE, 1635	✓				REGISTERED LETTER (with a domestic insurance option) ShareCall 0800 111 502 www.sapo.co.za RC 069 405 328 ZA CUSTOMER COPY 301028R	
	Number of letters posted Getal briewe gepos	10	Total Totaal	R	R	R	R

Signature of client  
 Handtekening van klient.....  
 Signature of accepting officer  
 Handtekening van aanneembeamp.....



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Die waarde van die inhoud van hierdie briewe 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 van tot R2 000,00 is beskikbaar en is slegs op binnelandse geregistreerde briewe van toepassing.

GOOD IMPRESSIONS

701248

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*(with an insurance option/met 'n versekeringsopsie)*



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Name and address of sender: MINNEISE LEVENOOL  
 Naam en adres van afsender: CSIR STELLENBOSCH

Enquiries/Navrae  
 ShareCall  
 number/nummer  
**0800 111 502**  
 www.postoffice.co.za

	Name and address of addressee Naam en adres van geadresseerde	Insured amount Versekerde bedrag	Insurance fee Versekeringsgeld	Postage Posgeld	Service fee Diensgeld	Affix Track and Trace customer copy Plak Volg-en-Spoor-Klientafskrif
1	JOHN GEERINGH, ESCOM P.O. Box 1091, JOHANNESBURG 2157	✓				REGISTERED LETTER <i>(with a domestic insurance option)</i> ShareCall 0800 111 502 www.postoffice.co.za RC 069 405 331 ZA CUSTOMER COPY 301028R
2	SHARON STEYN, NORTHERN CAPE, CHAMBER P.O. Box 350, KIMBERLEY, 8300	✓				REGISTERED LETTER <i>(with a domestic insurance option)</i> ShareCall 0800 111 502 www.postoffice.co.za RC 069 405 314 ZA CUSTOMER COPY 301028R
3						
4						
5						
6						
7						

8	Date Stamp of delivery Datumstempel van aflewering	<b>REGISTERED LETTER</b> <b>GEREGISTREERDE BRIEF</b> 910849 <i>(with an insurance option/met 'n versekeringsopsie)</i>	Post Office STELLENBOSCH 7599
9	Addressed to/Geadresseer aan	Signature of recipient Handtekening van ontvanger	Date Stamp of delivery Datumstempel van aflewering
10	Initial of delivery office Paraaf van afleweringseampte	Track and Trace reference No Volg-en-Spoor-verwysingsno	Initial of receiving office Paraaf van ontvangseampte
Nu Ge	Initial of delivery office Paraaf van afleweringseampte	Postcode Postkode	Initial of receiving office Paraaf van ontvangseampte
Sig Ha	Official proof of identification essential Amptelike bewys van identiteit noodsaaklik	Please collect at Haal asseblief af by	Post Office, counter No Poskantoor, toonbankno
Sig	Handtekening van aanneembeampte	within 30 days of date received at delivery office/ binne 30 dae vanaf datum ontvang by afleweringkantoor	701280

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Die waarde van die inhoud van hierdie briewe 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 van tot R2 000,00 is beskikbaar en is slegs op binnelandse geregistreerde briewe van toepassing.



701248

<b>REGISTERED LETTER</b> <b>EREGISTREERDE BRIEF</b>	<b>Post Office</b>	Postage paid R _____ C
(with an insurance option/met 'n versekeringsopsie)		Service fee/Diensgeld R _____ C
<b>Full tracking and tracing/Volledige volg en spoor</b>		Insurance/Versekering R _____ C
Addressed to/Geadresseer aan		Total/Totaal R _____ C
IA Bulane		Insured value of contents Versekerde waarde van inhoud R _____ C
Dept of Public Works, R		Enquiries/Navrae
Transport		Toll-free number
Po Box 3132	Postcode	Tolvry nommer
7535		0800 111 502
Kumberley		<b>REGISTERED LETTER</b> (with a domestic insurance option) ShareCall 0660 111 502 www.sapo.co.za RC 069 405 190 ZA
		CUSTOMER COPY 301028R
		klantafskrif
		<b>S.A. POST OFFICE</b> STELLENBOSCH 7599 26 OCT 2015 FOLIO 7
		Paraaf van aankom- beampte
		Datumstempel

<b>REGISTERED LETTER</b> <b>EREGISTREERDE BRIEF</b>	<b>Post Office</b>	Postage paid R _____ C
(with an insurance option/met 'n versekeringsopsie)		Service fee/Diensgeld R _____ C
<b>Full tracking and tracing/Volledige volg en spoor</b>		Insurance/Versekering R _____ C
Addressed to/Geadresseer aan		Total/Totaal R _____ C
Rene de Kock		Insured value of contents Versekerde waarde van inhoud R _____ C
Sanral Northern Cape		Enquiries/Navrae
Western Region		Toll-free number
Private Bag 119	Postcode	Tolvry nommer
7535		0800 111 502
		<b>REGISTERED LETTER</b> (with a domestic insurance option) ShareCall 0660 111 502 www.sapo.co.za RC 069 405 186 ZA
		CUSTOMER COPY 301028R
		klantafskrif
		<b>S.A. POST OFFICE</b> STELLENBOSCH 7599 26 OCT 2015 FOLIO 7
		Paraaf van aankom- beampte
		Datumstempel

<b>REGISTERED LETTER</b> <b>EREGISTREERDE BRIEF</b>	<b>Post Office</b>	Postage paid R _____ C
(with an insurance option/met 'n versekeringsopsie)		Service fee/Diensgeld R _____ C
<b>Full tracking and tracing/Volledige volg en spoor</b>		Insurance/Versekering R _____ C
Addressed to/Geadresseer aan		Total/Totaal R _____ C
Nicole Abrahams		Insured value of contents Versekerde waarde van inhoud R _____ C
SANRAL Northern Cape		Enquiries/Navrae
Western Region		Toll-free number
Private Bag 119	Postcode	Tolvry nommer
7535		0800 111 502
		<b>REGISTERED LETTER</b> (with a domestic insurance option) ShareCall 0660 111 502 www.sapo.co.za RC 069 405 212 ZA
		CUSTOMER COPY 301028R
		klantafskrif
		<b>S.A. POST OFFICE</b> STELLENBOSCH 7599 26 OCT 2015 FOLIO 7
		Paraaf van aankom- beampte
		Datumstempel

<b>REGISTERED LETTER</b> <b>EREGISTREERDE BRIEF</b>	<b>Post Office</b>	Postage paid R _____ C
(with an insurance option/met 'n versekeringsopsie)		Service fee/Diensgeld R _____ C
<b>Full tracking and tracing/Volledige volg en spoor</b>		Insurance/Versekering R _____ C
Addressed to/Geadresseer aan		Total/Totaal R _____ C
Denver Van Heerden		Insured value of contents Versekerde waarde van inhoud R _____ C
Dept of Public Works		Enquiries/Navrae
Transport		Toll-free number
Po Box 3132	Postcode	Tolvry nommer
7535		0800 111 502
Kumberley 8300		<b>REGISTERED LETTER</b> (with a domestic insurance option) ShareCall 0660 111 502 www.sapo.co.za RC 069 405 209 ZA
		CUSTOMER COPY 301028R
		klantafskrif
		<b>S.A. POST OFFICE</b> STELLENBOSCH 7599 26 OCT 2015 FOLIO 7
		Paraaf van aankom- beampte
		Datumstempel

<b>REGISTERED LETTER</b> <b>REGISTREERDE BRIEF</b> (with an insurance option/met 'n versekeringsopsie)		Postage paid R _____ C Service fee/Diensgeld R _____ C Insurance/Versekering R _____ C Total/Totaal R _____ C	
<b>Full tracking and tracing/Volledige volg en spoor</b> Addressed to/Geadresseer aan Johan Steenkamp JHI Steenkamp Trust PO Box 3264 Upington _____ Postcode Postkode		Insured value of contents Versekerde waarde van inhoud R _____ C Enquiries/Navrae Toll-free number Tolvry nommer 0800 111 502	
Value of the contents of this letter as indicated and compensation is not payable for a letter insured 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. Waarde van die inhoud van hierdie brief is soos aangegee en vergoeding sal nie betaal word vir 'n letter wat sonder voorbehoud ontvang word nie. Vergoeding is beperk tot R100.00. Geen vergoeding sonder dokumentêre bewys betaalbaar nie. Opsionele versekering tot R2 000.00 is beskikbaar en slegs op binnelandse geregistreerde briewe van toepassing.		Affix Track and Trace <b>REGISTERED LETTER</b> (with a domestic insurance option) SharvCall 0860 111 502 www.sapo.co.za RC 069 405 172 ZA CUSTOMER COPY 301028R Klientatskrif	
		S.A. POST OFFICE STELLENBOSCH 7599 Initial of accepting officer _____ Date stamp 26 OCT 2015 FOLIO 7 Paraaf van aanneembampste _____ Datumstempel _____	

<b>REGISTERED LETTER</b> <b>REGISTREERDE BRIEF</b> (with an insurance option/met 'n versekeringsopsie)		Postage paid R _____ C Service fee/Diensgeld R _____ C Insurance/Versekering R _____ C Total/Totaal R _____ C	
<b>Full tracking and tracing/Volledige volg en spoor</b> Addressed to/Geadresseer aan Shaun Cloete Dept of Water & Sanitation Private Bag X 5912 Upington _____ Postcode Postkode		Insured value of contents Versekerde waarde van inhoud R _____ C Enquiries/Navrae Toll-free number Tolvry nommer 0800 111 502	
Value of the contents of this letter as indicated and compensation is not payable for a letter insured 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. Waarde van die inhoud van hierdie brief is soos aangegee en vergoeding sal nie betaal word vir 'n letter wat sonder voorbehoud ontvang word nie. Vergoeding is beperk tot R100.00. Geen vergoeding sonder dokumentêre bewys betaalbaar nie. Opsionele versekering tot R2 000.00 is beskikbaar en slegs op binnelandse geregistreerde briewe van toepassing.		Affix Track and Trace <b>REGISTERED LETTER</b> (with a domestic insurance option) SharvCall 0860 111 502 www.sapo.co.za RC 069 405 169 ZA CUSTOMER COPY 301028R Klientatskrif	
		S.A. POST OFFICE STELLENBOSCH 7599 Initial of accepting officer _____ Date stamp 26 OCT 2015 FOLIO 7 Paraaf van aanneembampste _____ Datumstempel _____	

<b>REGISTERED LETTER</b> <b>REGISTREERDE BRIEF</b> (with an insurance option/met 'n versekeringsopsie)		Postage paid R _____ C Service fee/Diensgeld R _____ C Insurance/Versekering R _____ C Total/Totaal R _____ C	
<b>Full tracking and tracing/Volledige volg en spoor</b> Addressed to/Geadresseer aan Enelge Goldenhys Main Stream Renewable P PO Box 45063 Claremont _____ Postcode Postkode		Insured value of contents Versekerde waarde van inhoud R _____ C Enquiries/Navrae Toll-free number Tolvry nommer 0800 111 502	
Value of the contents of this letter as indicated and compensation is not payable for a letter insured 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. Waarde van die inhoud van hierdie brief is soos aangegee en vergoeding sal nie betaal word vir 'n letter wat sonder voorbehoud ontvang word nie. Vergoeding is beperk tot R100.00. Geen vergoeding sonder dokumentêre bewys betaalbaar nie. Opsionele versekering tot R2 000.00 is beskikbaar en slegs op binnelandse geregistreerde briewe van toepassing.		Affix Track and Trace <b>REGISTERED LETTER</b> (with a domestic insurance option) SharvCall 0860 111 502 www.sapo.co.za RC 069 405 274 ZA CUSTOMER COPY 301028R Klientatskrif	
		S.A. POST OFFICE STELLENBOSCH 7599 Initial of accepting officer _____ Date stamp 26 OCT 2015 FOLIO 7 Paraaf van aanneembampste _____ Datumstempel _____	

<b>REGISTERED LETTER</b> <b>REGISTREERDE BRIEF</b> (with an insurance option/met 'n versekeringsopsie)		Postage paid R _____ C Service fee/Diensgeld R _____ C Insurance/Versekering R _____ C Total/Totaal R _____ C	
<b>Full tracking and tracing/Volledige volg en spoor</b> Addressed to/Geadresseer aan Amatlala Rabothathe Dept of Environment Integrated Environmental Authorisations Private Bag 4447 _____ Postcode Postkode		Insured value of contents Versekerde waarde van inhoud R _____ C Enquiries/Navrae Toll-free number Tolvry nommer 0800 111 502	
Value of the contents of this letter as indicated and compensation is not payable for a letter insured 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. Waarde van die inhoud van hierdie brief is soos aangegee en vergoeding sal nie betaal word vir 'n letter wat sonder voorbehoud ontvang word nie. Vergoeding is beperk tot R100.00. Geen vergoeding sonder dokumentêre bewys betaalbaar nie. Opsionele versekering tot R2 000.00 is beskikbaar en slegs op binnelandse geregistreerde briewe van toepassing.		Affix Track and Trace <b>REGISTERED LETTER</b> (with a domestic insurance option) SharvCall 0860 111 502 www.sapo.co.za RC 069 405 265 ZA CUSTOMER COPY 301028R Klientatskrif	
		S.A. POST OFFICE STELLENBOSCH 7599 Initial of accepting officer _____ Date stamp 26 OCT 2015 FOLIO 7 Paraaf van aanneembampste _____ Datumstempel _____	

<b>REGISTERED LETTER</b> <b>GEREGISTREERDE BRIEF</b>			
with an insurance option/met 'n versekeringsopsie			
<b>Full tracking and tracing/Volledige volg en spoor</b>			
Addressed to/Geadresseer aan <b>Michele Schmid</b> <b>Private Bag X9043</b> <b>Pietermaritzburg</b> <b>3200</b>			
Insured value of contents Versekerde waarde van inhoud R _____		Enquiries/Navrae Toll-free number Tolvry nommer <b>0800 111 502</b>	
Initial of accepting officer [Signature]		Date stamp <b>26 OCT 2015</b>	
REGISTERED LETTER (with a domestic insurance option) ShareCall 0860 711 502 www.sapo.co.za <b>RC 069 240 283 ZA</b>		CUSTOMER COPY 301028R Paraaf van aaneem-beampte	
CUSTOMER COPY 301028R Paraaf van aaneem-beampte		Datumstempel	

<b>REGISTERED LETTER</b> <b>GEREGISTREERDE BRIEF</b>			
with an insurance option/met 'n versekeringsopsie			
<b>Full tracking and tracing/Volledige volg en spoor</b>			
Addressed to/Geadresseer aan <b>The Director</b> <b>Dept of Energy Northern</b> <b>Private Bag X6093</b> <b>Kimberley</b>			
Insured value of contents Versekerde waarde van inhoud R _____		Enquiries/Navrae Toll-free number Tolvry nommer <b>0800 111 502</b>	
Initial of accepting officer [Signature]		Date stamp <b>26 OCT 2015</b>	
REGISTERED LETTER (with a domestic insurance option) ShareCall 0860 711 502 www.sapo.co.za <b>RC 069 405 288 ZA</b>		CUSTOMER COPY 301028R Paraaf van aaneem-beampte	
CUSTOMER COPY 301028R Paraaf van aaneem-beampte		Datumstempel	

<b>REGISTERED LETTER</b> <b>GEREGISTREERDE BRIEF</b>			
with an insurance option/met 'n versekeringsopsie			
<b>Full tracking and tracing/Volledige volg en spoor</b>			
Addressed to/Geadresseer aan <b>Rudolph Grabler</b> <b>P.O. Box 41</b> <b>Keinos</b> <b>8860</b>			
Insured value of contents Versekerde waarde van inhoud R _____		Enquiries/Navrae Toll-free number Tolvry nommer <b>0800 111 502</b>	
Initial of accepting officer [Signature]		Date stamp <b>26 OCT 2015</b>	
REGISTERED LETTER (with a domestic insurance option) ShareCall 0860 711 502 www.sapo.co.za <b>RC 069 405 305 ZA</b>		CUSTOMER COPY 301028R Paraaf van aaneem-beampte	
CUSTOMER COPY 301028R Paraaf van aaneem-beampte		Datumstempel	

<b>REGISTERED LETTER</b> <b>GEREGISTREERDE BRIEF</b>			
with an insurance option/met 'n versekeringsopsie			
<b>Full tracking and tracing/Volledige volg en spoor</b>			
Addressed to/Geadresseer aan <b>Ernest Cannon</b> <b>Ernest Cannon Trust</b> <b>P.O. Box 290</b> <b>Upington</b>			
Insured value of contents Versekerde waarde van inhoud R _____		Enquiries/Navrae Toll-free number Tolvry nommer <b>0800 111 502</b>	
Initial of accepting officer [Signature]		Date stamp <b>25 OCT 2015</b>	
REGISTERED LETTER (with a domestic insurance option) ShareCall 0860 711 502 www.sapo.co.za <b>RC 069 405 291 ZA</b>		CUSTOMER COPY 301028R Paraaf van aaneem-beampte	
CUSTOMER COPY 301028R Paraaf van aaneem-beampte		Datumstempel	



**ORDINARY PARCEL**  
ShareCall 0860 111 802 www.sapo.co.za  
PE 859 630 900 ZA  
ACKNOWLEDGEMENT OF POSTING  
RINGSBEWYS  
CUSTOMER COPY 301016  
(Must be completed by sender / Moet deur afsender ingevul word)  
Addressed to: Melinda Mei  
Geadresseer aan: Post of Water en Elektriese Krag  
Contents / Inhoud: Handwritten text Value / Waarde: Handwritten text

DATE STAMP  
SA POST OFFICE  
STELLENBOSCH 7599  
26 OCT 2015  
NB - This acknowledgement of posting must be retained with the parcel.  
ORDINARY PARCEL  
ShareCall 0860 111 802 www.sapo.co.za  
PE 859 630 785 ZA  
LW - Hierdie inligting moet behou word en enige navraag oor die pakket vergesel.  
CUSTOMER COPY 301016  
FOLIO 2  
Lid 4, Deel 1 (012) 333 9925

**ORDINARY PARCEL**  
ShareCall 0860 111 802 www.sapo.co.za  
PE 859 630 860 ZA  
ACKNOWLEDGEMENT OF POSTING  
RINGSBEWYS  
CUSTOMER COPY 301016  
(Must be completed by sender / Moet deur afsender ingevul word)  
Addressed to: Melinda Mei  
Geadresseer aan: Post of Water en Elektriese Krag  
Contents / Inhoud: Handwritten text Value / Waarde: Handwritten text

DATE STAMP  
SA POST OFFICE  
STELLENBOSCH 7599  
26 OCT 2015  
NB - This acknowledgement of posting must be retained with the parcel.  
ORDINARY PARCEL  
ShareCall 0860 111 802 www.sapo.co.za  
PE 859 629 787 ZA  
LW - Hierdie inligting moet behou word en enige navraag oor die pakket vergesel.  
CUSTOMER COPY 301016  
FOLIO 2  
Lid 4, Deel 1 (012) 333 9925

**ORDINARY PARCEL**  
ShareCall 0860 111 802 www.sapo.co.za  
PE 859 630 825 ZA  
ACKNOWLEDGEMENT OF POSTING  
RINGSBEWYS  
CUSTOMER COPY 301016  
(Must be completed by sender / Moet deur afsender ingevul word)  
Addressed to: A. Japhi  
Geadresseer aan: Post of Water en Elektriese Krag  
Contents / Inhoud: Handwritten text Value / Waarde: Handwritten text

DATE STAMP  
SA POST OFFICE  
STELLENBOSCH 7599  
26 OCT 2015  
NB - This acknowledgement of posting must be retained with the parcel.  
ORDINARY PARCEL  
ShareCall 0860 111 802 www.sapo.co.za  
PE 859 631 065 ZA  
LW - Hierdie inligting moet behou word en enige navraag oor die pakket vergesel.  
CUSTOMER COPY 301016  
FOLIO 2  
Lid 4, Deel 1 (012) 333 9925

**ORDINARY PARCEL**  
ShareCall 0860 111 802 www.sapo.co.za  
PE 859 630 989 ZA  
ACKNOWLEDGEMENT OF POSTING  
RINGSBEWYS  
CUSTOMER COPY 301016  
(Must be completed by sender / Moet deur afsender ingevul word)  
Addressed to: Leanne Einam  
Geadresseer aan: Post of Water en Elektriese Krag  
Contents / Inhoud: Handwritten text Value / Waarde: Handwritten text

DATE STAMP  
SA POST OFFICE  
STELLENBOSCH 7599  
26 OCT 2015  
NB - This acknowledgement of posting must be retained with the parcel.  
ORDINARY PARCEL  
ShareCall 0860 111 802 www.sapo.co.za  
PE 859 631 043 ZA  
LW - Hierdie inligting moet behou word en enige navraag oor die pakket vergesel.  
CUSTOMER COPY 301016  
FOLIO 2  
Lid 4, Deel 1 (012) 333 9925

DATE STAMP  
SA POST OFFICE  
STELLENBOSCH 7599  
26 OCT 2015  
NB - This acknowledgement of posting must be retained with the parcel.  
ORDINARY PARCEL  
ShareCall 0860 111 802 www.sapo.co.za  
PE 859 629 985 ZA  
LW - Hierdie inligting moet behou word en enige navraag oor die pakket vergesel.  
CUSTOMER COPY 301016  
FOLIO 2  
Lid 4, Deel 1 (012) 333 9925

N° 2139958  
ORDINARY PARCEL  
ShareCall 0800 111 502 www.sapo.co.za  
PE 859 629 827 ZA  
ACKNOWLEDGEMENT INLEWERINGSBEWYS  
CUSTOMER COPY 301016  
(Must be completed by sender / Moet deur afsender ingevul word)  
Addressed to: H.J. Buys, Dept of Agric, Forest AND FISH, PRIVATE BAG X120, CERINA, PRETORIA, 0001  
Contents / Inhoud: Books Value / Waarde:

N° 0447353  
ORDINARY PARCEL  
ShareCall 0800 111 502 www.sapo.co.za  
PE 859 629 963 ZA  
ACKNOWLEDGEMENT INLEWERINGSBEWYS  
CUSTOMER COPY 301016  
(Must be completed by sender / Moet deur afsender ingevul word)  
Addressed to: H.T. SCHEEPERS, MUNICIPAL MANAGER, KENNEDY MUNICIPALITY, PRIVATE BAG X 2, GEORGBERSHOOP, 7850  
Contents / Inhoud: Books Value / Waarde:

N° 0447352  
ORDINARY PARCEL  
ShareCall 0800 111 502 www.sapo.co.za  
PE 859 630 003 ZA  
ACKNOWLEDGEMENT INLEWERINGSBEWYS  
CUSTOMER COPY 301016  
(Must be completed by sender / Moet deur afsender ingevul word)  
Addressed to: ANNELIZA COURT, DIR. OF PEARL FORESTRY AND FISHERIES, PRIVATE BAG X120, PRETORIA, P.O.O.I.  
Contents / Inhoud: Books Value / Waarde:

N° 2139963  
ORDINARY PARCEL  
ShareCall 0800 111 502 www.sapo.co.za  
PE 859 630 581 ZA  
ACKNOWLEDGEMENT INLEWERINGSBEWYS  
CUSTOMER COPY 301016  
(Must be completed by sender / Moet deur afsender ingevul word)  
Addressed to: GILBERT NORTER, SNET, FREIGHT RAIL, PRIVATE BAG XII, VREDENBURG, 7379  
Contents / Inhoud: Books Value / Waarde:

N° 0447356  
ORDINARY PARCEL  
ShareCall 0800 111 502 www.sapo.co.za  
PE 859 629 742 ZA  
ACKNOWLEDGEMENT INLEWERINGSBEWYS  
CUSTOMER COPY 301016  
(Must be completed by sender / Moet deur afsender ingevul word)  
Addressed to: HARWINI MUYIBAKI, P.O. BOX 104, KIMBERLEY, 8300  
Contents / Inhoud: Books Value / Waarde:

N° 0447359  
ORDINARY PARCEL  
ShareCall 0800 111 502 www.sapo.co.za  
PE 859 629 901 ZA  
ACKNOWLEDGEMENT INLEWERINGSBEWYS  
CUSTOMER COPY 301016  
(Must be completed by sender / Moet deur afsender ingevul word)  
Addressed to: ERIC NAXANGA, ZEPHORE, MUNICIPAL MANAGER, PRIVATE BAG X 6039, UPINGTON, 8800  
Contents / Inhoud: Books Value / Waarde:

N° 0447355  
ORDINARY PARCEL  
ShareCall 0800 111 502 www.sapo.co.za  
PE 859 629 929 ZA  
ACKNOWLEDGEMENT INLEWERINGSBEWYS  
A BOOK COPY  
(Must be completed by sender / Moet deur afsender ingevul word)  
Addressed to: FRANKIE RUPPING, ZEPHORE, MUNICIPALITY, ENVIRONMENT MANAGER, PRIVATE BAG X 2039, UPINGTON  
Contents / Inhoud: Books Value / Waarde:

N° 2139955  
ORDINARY PARCEL  
ShareCall 0800 111 502 www.sapo.co.za  
PE 859 629 760 ZA  
ACKNOWLEDGEMENT INLEWERINGSBEWYS  
CUSTOMER COPY 301016  
(Must be completed by sender / Moet deur afsender ingevul word)  
Addressed to: MASHOUM RAMOSWI, DEPT OF WATER & SANITATION, PRIVATE BAG 52912, UPINGTON, 8800  
Contents / Inhoud: Books Value / Waarde:

N° 0447358  
ORDINARY PARCEL  
ShareCall 0800 111 502 www.sapo.co.za  
PE 859 629 723 ZA  
ACKNOWLEDGEMENT INLEWERINGSBEWYS  
A BOOK COPY  
(Must be completed by sender / Moet deur afsender ingevul word)  
Addressed to: Mandla Natzilli, Ministry of Environment & Nature Conservation, Private Bag X6120, Kimberly 8301  
Contents / Inhoud: Books Value / Waarde:

N° 2139954  
ORDINARY PARCEL  
ShareCall 0800 111 502 www.sapo.co.za  
PE 859 629 889 ZA  
ACKNOWLEDGEMENT INLEWERINGSBEWYS  
CUSTOMER COPY 301016  
(Must be completed by sender / Moet deur afsender ingevul word)  
Addressed to: SAMANTHA DE LA FONTAINE, PLAN. DEPT. OF ENVIRON. & NATURE CONSERV., C/O RIVER & WILSON MANDELA BS, UPINGTON, 8800  
Contents / Inhoud: Books Value / Waarde:

ORDINARY PARCEL  
ShareCall 0800 111 502 www.sapo.co.za  
PE 859 631 088 ZA  
ACKNOWLEDGEMENT INLEWERINGSBEWYS  
CUSTOMER COPY 301016  
NB - This acknowledgement and must accompany the parcel.  
LW - Hierdie Inleweringsbewys enige navraag oor die pakket vergesels.


DATE STAMP  
SA POST OFFICE  
STELLENBOSCH  
26 OCT 2015  
FOLIO 2

SA POST OFFICE  
STELLENBOSCH  
26 OCT 2015  
FOLIO 2

ORDINARY PARCEL  
ShareCall 0800 111 502 www.sapo.co.za  
PE 859 629 800 ZA  
ACKNOWLEDGEMENT INLEWERINGSBEWYS  
CUSTOMER COPY 301016  
NB - This acknowledgement and must accompany the parcel.  
LW - Hierdie Inleweringsbewys enige navraag oor die pakket vergesels.

DATE STAMP  
SA POST OFFICE  
STELLENBOSCH  
26 OCT 2015  
FOLIO 2

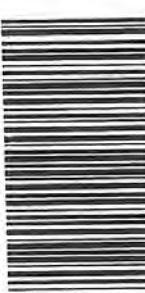
DATE STAMP  
SA POST OFFICE  
STELLENBOSCH  
26 OCT 2015  
FOLIO 2



**Head Office: Johannesburg 0861 388 883**  
 Branches: Cape Town, Durban, East London, George, Johannesburg, Nelspruit, Pietermaritzburg, Richards Bay, Pretoria, Polokwane, Port Elizabeth

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2714273918



DATE	SHIPPER'S AIRWAY	ORIGIN	DESTINATION	No. OF PIECES	GROSS WEIGHT
06-10-15	001021	CAPE TOWN	PTA	2	2.000
SHIPPER: (YOUR NAME)		TO: (RECIPIENT'S NAME)			
M. L. L. L.		Mikhael Boud Espop			
COMPANY NAME		COMPANY NAME:			
GSR - STELLENBOSCH		Net 100% & 100% - 100% - 100%			
STREET ADDRESS:		STREET ADDRESS:			
VAN CILLIERS STR		Auburn Avenue - Richmond North			
CITY:		CITY:			
STELLENBOSCH		173 S. S. B. R. L. A. A. A.			
COUNTRY:		COUNTRY:			
RSA		POST/ZIP CODE:			
7500		0001			
TELEPHONE NUMBER & E-MAIL:		TELEPHONE NUMBER & E-MAIL:			
012-3111111					
GLOBAL DOCUMENT EXPRESS GLOBAL PARCEL EXPRESS GLOBAL MAIL AIRFREIGHT CROSS BORDER ROAD FREIGHT CUSTOMS VALUE		OVERNIGHT EXPRESS IN CITY DELIVERY BUDGET CARGO 24-48 HRS ROAD FREIGHT 48-96 HRS SAME DAY DAWN DELIVERY BY 09:00 SATURDAY DELIVERY AFTER-HOURS			
HAZARDOUS CARGO? YES <input type="checkbox"/> NO <input type="checkbox"/> INSURANCE YES <input type="checkbox"/> NO <input type="checkbox"/> AMOUNT		WE HAVE SEEN AND AGREE TO THE STANDARD CONDITIONS OF CARRIAGE OF GLOBEFLIGHT WORLDWIDE EXPRESS PRINT NAME: <u>RESERVED</u> SIGNATURE: <u>[Signature]</u> DATE: <u>06/10/15</u> TIME:			
RECEIVED BY GLOBEFLIGHT WORLDWIDE EXPRESS PRINT NAME: <u>RESERVED</u> SIGNATURE: <u>[Signature]</u> DATE: <u>06/10/15</u> TIME:		RECEIVED BY GLOBEFLIGHT WORLDWIDE EXPRESS PRINT NAME: <u>RESERVED</u> SIGNATURE: <u>[Signature]</u> DATE: <u>06/10/15</u> TIME:			

TOP COPY - P.O.D.; 2ND COPY - CONSIGNEE; 3RD COPY - ACCOUNTS; BOTTOM COPY - SENDER COPY

Courier to DEA

MUMELISE

South African Post Office Limited  
Stellenbosch

South African Post Office Limited  
Stellenbosch

26-OCT-2015 14:47:25  
Session Id: 710-84137-8-184658-2  
Txn No : 21519  
Teller Id: SANDRA DIEDRICKS  
TAX INVOICE VAT #4650101142  
ALL PRICES VAT INCLUSIVE  
VAT DOES NOT APPLY TO ITEMS MARKED \*

26-OCT-2015 14:50:45  
Session Id: 710-84137-7-237259-2  
Txn No : 19082  
Teller Id: PEARL LUNINGO  
TAX INVOICE VAT #4650101142  
ALL PRICES VAT INCLUSIVE  
VAT DOES NOT APPLY TO ITEMS MARKED \*

Receipt For SA Post Office  
Products Or Services

Receipt For SA Post Office  
Products Or Services

PRODUCT	QTY	UNIT PRICE	VAT	R AMOUNT
Track and Trace	1 x	R0.00		R0.00
(T&T #:PE859630785ZA)				
ORD DOM PARCEL	1 x	R40.90	14%	R40.90
(Weight:0.417 kg)				
(Destination:South Africa)				
PP Franking	1 x	-R40.90	14%	-R40.90
Track and Trace	1 x	R0.00		R0.00
(T&T #:PE859629787ZA)				
ORD DOM PARCEL	1 x	R40.90	14%	R40.90
(Weight:0.417 kg)				
(Destination:South Africa)				
PP Franking	1 x	-R40.90	14%	-R40.90
Track and Trace	1 x	R0.00		R0.00
(T&T #:PE859631065ZA)				
ORD DOM PARCEL	1 x	R40.90	14%	R40.90
(Weight:0.417 kg)				
(Destination:South Africa)				
PP Franking	1 x	-R40.90	14%	-R40.90
Track and Trace	1 x	R0.00		R0.00
(T&T #:PE859629885ZA)				
ORD DOM PARCEL	1 x	R40.90	14%	R40.90
(Weight:0.417 kg)				
(Destination:South Africa)				
PP Franking	1 x	-R40.90	14%	-R40.90
Track and Trace	1 x	R0.00		R0.00
(T&T #:PE859631043ZA)				
ORD DOM PARCEL	1 x	R40.90	14%	R40.90
(Weight:0.417 kg)				
(Destination:South Africa)				
PP Franking	1 x	-R40.90	14%	-R40.90

PRODUCT	QTY	UNIT PRICE	VAT	R AMOUNT
Track and Trace	1 x	R0.00		R0.00
(T&T #:PE859629829ZA)				
ORD DOM PARCEL	1 x	R40.90	14%	R40.90
(Weight:0.500 kg)				
(Destination:South Africa)				
PP Stamp	1 x	-R40.90	14%	-R40.90
Track and Trace	1 x	R0.00		R0.00
(T&T #:PE859629742ZA)				
ORD DOM PARCEL	1 x	R40.90	14%	R40.90
(Weight:0.500 kg)				
(Destination:South Africa)				
PP Stamp	1 x	-R40.90	14%	-R40.90
Track and Trace	1 x	R0.00		R0.00
(T&T #:PE859629963ZA)				
ORD DOM PARCEL	1 x	R40.90	14%	R40.90
(Weight:0.500 kg)				
(Destination:South Africa)				
PP Stamp	1 x	-R40.90	14%	-R40.90
Track and Trace	1 x	R0.00		R0.00
(T&T #:PE859629725ZA)				
ORD DOM PARCEL	1 x	R40.90	14%	R40.90
(Weight:0.500 kg)				
(Destination:South Africa)				
PP Stamp	1 x	-R40.90	14%	-R40.90
Track and Trace	1 x	R0.00		R0.00
(T&T #:PE859629760ZA)				
ORD DOM PARCEL	1 x	R40.90	14%	R40.90
(Weight:0.500 kg)				
(Destination:South Africa)				
PP Stamp	1 x	-R40.90	14%	-R40.90
Track and Trace	1 x	R0.00		R0.00
(T&T #:PE859629827ZA)				

Mimelise

South African Post Office Limited  
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23-OCT-2015 14:51:38  
 Session Id: 710-84137-7-234453-2  
 Txn No : 19926  
 Teller Id: SHARLEEN SAMUELS  
 TAX INVOICE VAT #4650101142  
 ALL PRICES VAT INCLUSIVE  
 VAT DOES NOT APPLY TO ITEMS MARKED \*

Receipt For SA Post Office  
Products Or Services

PRODUCT	QTY	UNIT PRICE	VAT	R AMOUNT
Track and Trace	1 x	R0.00		R0.00
(T&T #:PE8596308602A)				
ORD DOM PARCEL	1 x	R57.40	14%	R57.40
(Weight:3.820 kg) (Destination:South Africa)				
PP Stamp	1 x		-R57.40 14%	-R57.40
Track and Trace	1 x	R0.00		R0.00
(T&T #:PE8596308892A)				
ORD DOM PARCEL	1 x	R57.40	14%	R57.40
(Weight:3.820 kg) (Destination:South Africa)				
PP Stamp	1 x		-R57.40 14%	-R57.40
Track and Trace	1 x	R0.00		R0.00
(T&T #:PE8596308002A)				
ORD DOM PARCEL	1 x	R57.40	14%	R57.40
(Weight:3.820 kg) (Destination:South Africa)				
PP Stamp	1 x		-R57.40 14%	-R57.40
Track and Trace	1 x	R0.00		R0.00
(T&T #:PE8596308252A)				
ORD DOM PARCEL	1 x	R57.40	14%	R57.40
(Weight:3.820 kg) (Destination:South Africa)				
PP Stamp	1 x		-R57.40 14%	-R57.40
VAT TOTAL @14%				R0.00
Sub Total				R0.00
VAT TOTAL @14%				R0.00
Total				R0.00

TAX INVOICE

South African Post Office Limited  
 Stellenbosch

23-OCT-2015 14:52:30  
 Session Id: 710-84137-6-222897-2  
 Txn No : 17732  
 Teller Id: CHARLOTTE LUPHALULE  
 TAX INVOICE VAT #4650101142  
 ALL PRICES VAT INCLUSIVE  
 VAT DOES NOT APPLY TO ITEMS MARKED \*

Receipt For SA Post Office  
 Products Or Services

PRODUCT	QTY	UNIT PRICE	VAT	R AMOUNT
Track and Trace	1 x	RO.00		RO.00
(T&T #:PE859631008ZA)				
ORD DOM PARCEL	4 x	R68.40	14%	R273.60
(Weight:5.085 kg)				
(Destination:South Africa)				
PP Franking	4 x	-R68.40	14%	-R273.60
Track and Trace	1 x	RO.00		RO.00
(T&T #:PE859631026ZA)				
Track and Trace	1 x	RO.00		RO.00
(T&T #:PE859630842ZA)				
Track and Trace	1 x	RO.00		RO.00
(T&T #:PE859630808ZA)				
VAT TOTAL @14%				RO.00
Sub Total				RO.00
VAT TOTAL @14%				RO.00
Total				RO.00

MUNNELISE

PP Franking	1 x	-R40.90 14%	-R40.90
Track and Trace	1 x	R0.00	R0.00
(T&T #:PE859629861ZA)			
ORD DOM PARCEL	1 x	R40.90 14%	R40.90
(Weight:0.417 kg) (Destination:South Africa)			
PP Franking	1 x	-R40.90 14%	-R40.90
Track and Trace	1 x	R0.00	R0.00
(T&T #:PE859629844ZA)			
ORD DOM PARCEL	1 x	R40.90 14%	R40.90
(Weight:0.417 kg) (Destination:South Africa)			
PP Franking	1 x	-R40.90 14%	-R40.90
Track and Trace	1 x	R0.00	R0.00
(T&T #:PE859631088ZA)			
ORD DOM PARCEL	1 x	R40.90 14%	R40.90
(Weight:0.417 kg) (Destination:South Africa)			
PP Franking	1 x	-R40.90 14%	-R40.90
Track and Trace	1 x	R0.00	R0.00
(T&T #:PE859629800ZA)			
ORD DOM PARCEL	1 x	R40.90 14%	R40.90
(Weight:0.417 kg) (Destination:South Africa)			
PP Franking	1 x	-R40.90 14%	-R40.90
VAT TOTAL @14%			R0.00
Sub Total			R0.00
VAT TOTAL @14%			R0.00
Total			R0.00

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ORD DOM PARCEL	1 x	R40.90 14%	R40.90
(Weight:0.500 kg) (Destination:South Africa)			
PP Stamp	1 x	-R40.90 14%	-R40.90
Track and Trace	1 x	R0.00	R0.00
(T&T #:PE859629901ZA)			
ORD DOM PARCEL	1 x	R40.90 14%	R40.90
(Weight:0.500 kg) (Destination:South Africa)			
PP Stamp	1 x	-R40.90 14%	-R40.90
Track and Trace	1 x	R0.00	R0.00
(T&T #:PE859629889ZA)			
ORD DOM PARCEL	1 x	R40.90 14%	R40.90
(Weight:0.500 kg) (Destination:South Africa)			
PP Stamp	1 x	-R40.90 14%	-R40.90
Track and Trace	1 x	R0.00	R0.00
(T&T #:PE859630581ZA)			
ORD DOM PARCEL	1 x	R40.90 14%	R40.90
(Weight:0.500 kg) (Destination:South Africa)			
PP Stamp	1 x	-R40.90 14%	-R40.90
Track and Trace	1 x	R0.00	R0.00
(T&T #:PE859630003ZA)			
ORD DOM PARCEL	1 x	R40.90 14%	R40.90
(Weight:0.500 kg) (Destination:South Africa)			
PP Stamp	1 x	-R40.90 14%	-R40.90
VAT TOTAL @14%			R0.00
Sub Total			R0.00
VAT TOTAL @14%			R0.00
Total			R0.00

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**Emails sent to all I&APs to notify them of the release of the Scoping Report for comment**

>>> Minnelise Levendal 23/10/2015 17:57 >>>

Dear Stakeholders and Interested and Affected Parties

**RELEASE OF SCOPING REPORT FOR COMMENT**

**SCOPING AND ENVIRONMENTAL IMPACT ASSESSMENT (EIA) FOR THE PROPOSED DEVELOPMENT OF SEVEN SOLAR PHOTOVOLTAIC OR CONCENTRATED PHOTOVOLTAIC (CPV) SOLAR FACILITIES AND ASSOCIATED ELECTRICAL INFRASTRUCTURE NORTH-EAST OF KENHARDT, NORTHERN CAPE PROVINCE (GEMSBOK SOLAR PV3-, PV4, PV5, PV6; AND BOVEN SOLAR PV2-, 3 & 4) ON PORTIONS 3 AND 8 OF GEMSBOK BULT FARM 120 AND ON THE REMAINING EXTENT OF BOVEN RUGZEER FARM 169**

**Competent Authority:** National Department of Environmental Affairs

**CSIR REFERENCE: EMS0106/MULILO/2015**

This e-mail correspondence serves to inform you of the release of seven Scoping Reports for a 30-day commenting period ending on **24 November 2015** for the proposed Solar PV Facilities and associated electrical infrastructure near Kenhardt in the Northern Cape (CSIR Reference Number: EMS0106/MULILO/2015).

Mulilo Renewable Project Developments (PTY) LTD (Mulilo) intends to develop seven Solar PV Facilities of 75 MW each and associated electrical infrastructure (132 kV transmission lines for each 75 MW facility) on Portions 3 and 8 of Gemsbok Bult Farm 120 and the Remaining Extent of Boven Rugzeer Farm 169 near Kenhardt in the Northern Cape. The seven projects are indicated in Table 1.

**Table1: Seven Preferred Solar PV Facilities proposed by Mulilo near Kenhardt in the Northern Cape**

No	Solar PV Project	Project Site
1.	Gemsbok Solar PV3	Portion 3 of Gemsbok Bult Farm 120
2.	Gemsbok Solar PV4	Portion 3 of Gemsbok Bult Farm 120
3.	Gemsbok Solar PV5	Portion 8 of Gemsbok Bult Farm 120
4.	Gemsbok Solar PV6	Portion 8 of Gemsbok Bult Farm 120
5.	Boven Solar PV2	Remaining Extent of Boven Rugzeer Farm 169
6.	Boven Solar PV3	Remaining Extent of Boven Rugzeer Farm 169
7.	Boven Solar PV4	Remaining Extent of Boven Rugzeer Farm 169

Since the proposed 75 MW Solar PV facilities are located within the same geographical area and constitute the same type of activity, an integrated PPP will be undertaken for the proposed seven projects. However, separate Applications for EA are currently being lodged with the Competent Authority (i.e. the National Department of Environmental Affairs (DEA)) for each proposed Scoping and EIA project. Furthermore, separate reports (i.e. Scoping and EIA Reports) will be compiled for each project.

Please find attached the following:

- Executive Summary of each Scoping Report (please note due to mailbox size limitations I will email these in two emails-attached are the ones for Boven Solar);
- Letter 2 to I&APs; and

- Comment and Registration Form.

Hard copies of the Scoping Reports are also available for public viewing at the Kenhardt Library (in Park Street)  
The Scoping Reports can also be downloaded from the project website: <http://www.csir.co.za/eia/MuliloSolar>

Kindly complete the enclosed Comment and Registration Form in order to submit any comments, issues or concerns you may have. Please submit the completed form to the CSIR Project Leader, Minnelise Levendal, at the contact details provided below by **24 November 2015**.

Thank you and kind regards,

Minnelise Levendal

CSIR - Environmental Management Services

P. O. Box 320, Stellenbosch, 7599

Tel: 021 888 2495/2661

Fax: 021 888 2693

Email: [mlevendal@csir.co.za](mailto:mlevendal@csir.co.za)

**SCOPING AND ENVIRONMENTAL IMPACT ASSESSMENT (EIA) FOR THE PROPOSED DEVELOPMENT OF SEVEN SOLAR PHOTOVOLTAIC OR CONCENTRATED PHOTOVOLTAIC (CPV) SOLAR FACILITIES AND ASSOCIATED ELECTRICAL INFRASTRUCTURE NORTH-EAST OF KENHARDT, NORTHERN CAPE PROVINCE (GEMSBOK SOLAR PV3-, PV4, PV5, PV6; AND BOVEN SOLAR PV2-, 3 & 4) ON PORTIONS 3 AND 8 OF GEMSBOK BULT FARM 120 AND ON THE REMAINING EXTENT OF BOVEN RUGZEER FARM 169**

**CSIR REFERENCE: EMS0106/MULILO/2015**

**PROJECT APPLICANT: MULILO RENEWABLE PROJECT DEVELOPMENTS (PTY) LTD**

**COMMENT AND REGISTRATION FORM**

23 October 2015

<b>Name:</b>	<b>Telephone:</b>
<b>Organisation:</b>	<b>Fax:</b>
<b>Designation:</b>	<b>Email:</b>
<b>Physical address:</b>	<b>Postal address:</b>

Please indicate if you would like to register as an Interested and Affected Party (I&AP) for the proposed projects (if you have not done so already). Registration is required in order to receive further correspondence during the Scoping and EIA Processes. Please tick the appropriate box.

**YES**

**NO**

Please indicate if you have any interest (business, financial, personal or other) in the proposed projects and/or the Applications for Environmental Authorisation:

Please describe any issues or concerns you may have regarding the proposed seven Solar PV projects, which you think should be considered during the EIA Processes.

Please provide details of any other individuals or organisations that should be registered as I&APs:

**PLEASE COMPLETE THIS COMMENT AND REGISTRATION FORM BY 24 NOVEMBER 2015 AND SUBMIT IT TO:**

Minnelise Levendal  
 CSIR  
 Postal Address: P. O. Box 320, Stellenbosch, 7599  
 Tel: 021 888 2495/2661  
 Fax: 021 888 2693  
 E-mail: mlevendal@csir.co.za  
 Project Website: <http://www.csir.co.za/era/MuliloSolar>





**CSIR Environmental Management Services**

PO Box 320, Stellenbosch, 7599  
Tel: +27 21 888 2496  
Fax: +27 21 888 2693  
Email: [mlevendal@csir.co.za](mailto:mlevendal@csir.co.za)

23 October 2015

Dear Interested and Affected Party

**RE: RELEASE OF SCOPING REPORTS FOR THE PROPOSED DEVELOPMENT OF SEVEN SOLAR PHOTOVOLTAIC (PV) FACILITIES (REFERRED TO AS GEMSBOK SOLAR PV3, GEMSBOK SOLAR PV4, GEMSBOK SOLAR PV5 AND GEMSBOK SOLAR PV6; AS WELL AS BOVEN SOLAR PV2, BOVEN SOLAR PV3 AND BOVEN SOLAR PV4) ON PORTIONS 3 AND 8 OF GEMSBOK BULT FARM 120 AND THE REMAINING EXTENT OF BOVEN RUGZEER FARM 169, NORTH-EAST OF KENHARDT, NORTHERN CAPE PROVINCE (CSIR REFERENCE: EMS0102/SCATEC/2015)**

As an Interested and Affected Party on our database, you are hereby notified of the release of the seven Scoping Reports for a 30-day commenting period ending on **24 November 2015** for the seven Solar PV Facilities and associated electrical infrastructure near Kenhardt in the Northern Cape (CSIR Reference Number: EMS0106/MULILO/2015).

Mulilo Renewable Project Developments (PTY) LTD (Mulilo) intends to develop seven Solar PV Facilities of 75 MW each and associated electrical infrastructure (132 kV transmission lines for each 75 MW facility) on Portions 3 and 8 of Gemsbok Bult Farm 120 and the Remaining Extent of Boven Rugzeer Farm 169 near Kenhardt in the Northern Cape. The seven projects are indicated in Table 1.

**Table1: Seven Preferred Solar PV Facilities proposed by Mulilo near Kenhardt in the Northern Cape**

No	Solar PV Project	Project Site
1.	Gemsbok Solar PV3	Portion 3 of Gemsbok Bult Farm 120
2.	Gemsbok Solar PV4	Portion 3 of Gemsbok Bult Farm 120
3.	Gemsbok Solar PV5	Portion 8 of Gemsbok Bult Farm 120
4.	Gemsbok Solar PV6	Portion 8 of Gemsbok Bult Farm 120
5.	Boven Solar PV2	Remaining Extent of Boven Rugzeer Farm 169
6.	Boven Solar PV3	Remaining Extent of Boven Rugzeer Farm 169
7.	Boven Solar PV4	Remaining Extent of Boven Rugzeer Farm 169

In terms of the National Environmental Management Act (Act 107 of 1998, as amended) (NEMA) and the 2014 NEMA Environmental Impact Assessment (EIA) Regulations promulgated in Government Gazette 38282 and Government Notice (GN) R982, R983, R984 and R985 on 8 December 2014, a full Scoping and EIA Process is required for the construction of the seven Solar PV facilities. In line with Regulation 12 of the 2014 EIA Regulations, the Council for Scientific and Industrial Research (CSIR) has been appointed by the Project Applicant to undertake the separate Scoping and EIA Processes for the proposed projects.

Since the proposed 75 MW Solar PV facilities are located within the same geographical area and constitute the same type of activity, an integrated PPP will be undertaken for the proposed seven projects. However, separate Applications for EA are currently being lodged with the Competent Authority (i.e. the National Department of Environmental Affairs (DEA)) for each proposed Scoping and EIA project. Furthermore, separate reports (i.e. Scoping and EIA Reports) will be compiled for each project.

Kindly complete the enclosed Comment and Registration Form in order to submit any comments, issues or concerns you may have. Please submit the completed form to the CSIR Project Leader, Minnelise Levendal, at the contact details provided above by **24 November 2015**. Hard copies of the Scoping Reports are also available for public viewing at the Kenhardt Library (in Park Street) The Scoping Reports can also be downloaded from the project website: <http://www.csir.co.za/eia/MuliloSolar>

In terms of the way forward, the Scoping Reports will be finalised subsequent to the 30-day comment period, and submitted to the National DEA for decision-making in line with Regulation 22 of the 2014 EIA Regulations. All issues identified and comments raised through the review of the Scoping Reports will be captured in an updated Issues and Responses Trail (as an appendix to the Scoping Report), for submission to the National DEA for decision-making. As a key stakeholder on the project database, you will be notified of the submission of the Scoping Reports to the National DEA for decision-making.

Please do not hesitate to contact us should you have any queries relating to the above.

Sincerely,

Paul Lochner (EAP-CSIR, EMS)

Minnelise Levendal (Project Leader-CSIR-EMS)

Board members: Prof T. Majazi (Chairperson), Adv G. Badela, Ms P. Baleni, Dr P. Gayns, Dr A. Llabell, Dr R. Masango, Ms M. Maseko, Mr J. Nelshitenzhe, Ms A. Noah, Prof M. Phakeng, Dr S. Sibisi (CEO)  
[www.csir.co.za](http://www.csir.co.za)

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From: Minnelise Levendal [mailto:MLEvendal@csir.co.za]

Sent: 23 October 2015 05:57 PM

To: aditeme@agri.ncape.gov.za; ncagric@worldonline.co.za.ontvang@agric.co.za; hendri@aheadtrading.co.za; advocacy@birdlife.org.za; fpr@bodr.gov.za; strohl@caa.co.za; JacquelineMa; MashuduMa; NhlakaD; ThokoB; ernest.connan@donco.co.za; MeiM@dwa.gov.za; CloeteS@dws.gov.za; messop@environment.gov.za; MRabothata@environment.gov.za; GeerinJH@eskom.co.za; HaarhL@eskom.co.za; LeaskK@eskom.co.za; WyngaaJO@eskom.co.za; wep@ewt.org.za; dewee@gmail.com; myrenb91@gmail.com; straussdj@orientis.co.za/ameliastrauss2@gmail.com; propransnc@gmail.com; ratha.timothy@gmail.com; sdelafontaine@gmail.com; ivandewee@gmail.com; admin@grasslands.org.za; mm@kaigarib.gov.za; MelanieM@L2B.co.za; monica.lepheane@labour.gov.za; Enelge.Gildenhuys@mainstreamrp.com; karen@mulilo.com; andre.vanniekerk10@gmail.com/kraaines@mweb.co.za; mmathews@ncpg.gov.za; mndzilili@ncpg.gov.za; nyaphi@ncpg.gov.za; rwarie@ncpg.gov.za; smbanjwa@ncpg.gov.za; AnnelizaC; peter.buys@nersa.org.za; sharon@nocci.co.za; AbrahamsN@nra.co.za; waltjc@nra.co.za; Dekockr@nra.co.za; l.ntsolo@sanbi.org.za; howard.hendricks@sanparks.org; sb@siyanda.gov.za; atiplady@ska.ac.za; Clive.Stephenson@transnet.net; Gilbert.Nortier@transnet.net; Marina.Lourens@transnet.net; Mayvyn.Bhana@transnet.net; klawrence@trpw.ncape.gov.za; nico@tshwalec.co.za; claude@veroniva.co.za; teresascheepers@vodamail.co.za; jhjs@webmail.co.za; boozahunter@yahoo.com

Subject: Release of Scoping Reports for comment for seven solar PV Projects near Kenhardt for Mulilo

Dear Stakeholders and Interested and Affected Parties

#### RELEASE OF SCOPING REPORT FOR COMMENT

SCOPING AND ENVIRONMENTAL IMPACT ASSESSMENT (EIA) FOR THE PROPOSED DEVELOPMENT OF SEVEN SOLAR PHOTOVOLTAIC OR CONCENTRATED PHOTOVOLTAIC (CPV) SOLAR FACILITIES AND ASSOCIATED ELECTRICAL INFRASTRUCTURE NORTH-EAST OF KENHARDT, NORTHERN CAPE PROVINCE (GEMSBOK SOLAR PV3-, PV4, PV5, PV6; AND BOVEN SOLAR PV2-, 3 & 4) ON PORTIONS 3 AND 8 OF GEMSBOK BULT FARM 120 AND ON THE REMAINING EXTENT OF BOVEN RUGZEER FARM 169

Competent Authority: National Department of Environmental Affairs

csir reference: EMS0106/mulilo/2015

This e-mail correspondence serves to inform you of the release of seven Scoping Reports for a 30-day commenting period ending on 24 November 2015 for the proposed Solar PV Facilities and associated electrical infrastructure near Kenhardt in the Northern Cape (CSIR Reference Number: EMS0106/MULILO/2015).

Mulilo Renewable Project Developments (PTY) LTD (Mulilo) intends to develop seven Solar PV Facilities of 75 MW each and associated electrical infrastructure (132 kV transmission lines for each 75 MW facility) on Portions 3 and 8 of Gemsbok Bult Farm 120 and the Remaining Extent of Boven Rugzeer Farm 169 near Kenhardt in the Northern Cape. The seven projects are indicated in Table 1.

Table1: Seven Preferred Solar PV Facilities proposed by Mulilo near Kenhardt in the Northern Cape  
No

Solar PV Project

Project Site

1.

Gemsbok Solar PV3

Portion 3 of Gemsbok Bult Farm 120

2.

Gemsbok Solar PV4

Portion 3 of Gemsbok Bult Farm 120

3.

Gemsbok Solar PV5

Portion 8 of Gemsbok Bult Farm 120

4.

Gemsbok Solar PV6

Portion 8 of Gemsbok Bult Farm 120

5.

Boven Solar PV2

Remaining Extent of Boven Rugzeer Farm 169

6.

Boven Solar PV3

Remaining Extent of Boven Rugzeer Farm 169

7.

Boven Solar PV4

Remaining Extent of Boven Rugzeer Farm 169

Since the proposed 75 MW Solar PV facilities are located within the same geographical area and constitute the same type of activity, an integrated PPP will be undertaken for the proposed seven projects. However, separate Applications for EA are currently being lodged with the Competent Authority (i.e. the National Department of Environmental Affairs (DEA)) for each proposed Scoping and EIA project. Furthermore, separate reports (i.e. Scoping and EIA Reports) will be compiled for each project.

Please find attached the following:

- \* Executive Summary of each Scoping Report (please note due to mailbox size limitations I will email these in two emails-attached are the ones for Boven Solar);
- \* Letter 2 to I&APs; and
- \* Comment and Registration Form.

Hard copies of the Scoping Reports are also available for public viewing at the Kenhardt Library (in Park Street) The Scoping Reports can also be downloaded from the project website: <http://www.csir.co.za/eia/MuliloSolar>

Kindly complete the enclosed Comment and Registration Form in order to submit any comments, issues or concerns you may have. Please submit the completed form to the CSIR Project Leader, Minnelise Levendal, at the contact details provided below by 24 November 2015.

Thank you and kind regards,

Minnelise Levendal

CSIR - Environmental Management Services  
P. O. Box 320, Stellenbosch, 7599  
Tel: 021 888 2495/2661  
Fax: 021 888 2693  
Email: [mlevendal@csir.co.za](mailto:mlevendal@csir.co.za)<<mailto:mlevendal@csir.co.za>>

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From: Minnelise Levendal [mailto:MLEvendal@csir.co.za]

Sent: 23 October 2015 06:01 PM

To: aditeme@agri.ncape.gov.za; ncagric@worldonline.co.za.ontvang@agric.co.za; hendri@aheadtrading.co.za; Carolyn Ah Shene-Verdoorn; fpr@bodr.gov.za; strohl@caa.co.za; JacquelineMa@daff.gov.za; mashuduma@daff.gov.za; nhlakad@daff.gov.za; ThokoB@daff.gov.za; ernest.connan@donco.co.za; MeiM@dwa.gov.za; CloeteS@dws.gov.za; messop@environment.gov.za; MRabothata@environment.gov.za; John Geeringh; Lindi Haarhoff; Kevin Leask; Justine Wyngaardt; wep@ewt.org.za; dewee@gmail.com; myrenb91@gmail.com; straussdj@orientis.co.za/ameliastrauss2@gmail.com; proptransnc@gmail.com; ratha.timothy@gmail.com; sdelafontaine@gmail.com; ivandewee@gmail.com; admin@grasslands.org.za; mm@kaigarib.gov.za; MelanieM@L2B.co.za; monica.lepheane@labour.gov.za; Enelge.Gildenhuys@mainstreamrp.com; karen@mulilo.com; andre.vanniekerk10@gmail.com/kraaines@mweb.co.za; mmathews@ncpg.gov.za; mndzilili@ncpg.gov.za; nyaphi@ncpg.gov.za; rvarie@ncpg.gov.za; smbanjwa@ncpg.gov.za; annelizac@nda.agric.za; peter.buys@nersa.org.za; sharon@nocci.co.za; AbrahamsN@nra.co.za; waltjc@nra.co.za; Dekockr@nra.co.za; l.ntsolo@sanbi.org.za; howard.hendricks@sanparks.org; sb@siyanda.gov.za; atiplady@ska.ac.za; Clive.Stephenson@transnet.net; Gilbert.Nortier@transnet.net; Marina.Lourens@transnet.net; Mayvyn.Bhana@transnet.net; klawrence@trpw.ncape.gov.za; nico@tshwalec.co.za; claude@veroniva.co.za; teresascheepers@vodamail.co.za; jhjs@webmail.co.za; boozahunter@yahoo.com

Subject: Part 2 Release of Scoping Reports for comment for seven solar PV Projects near Kenhardt for Mulilo

Dear Stakeholders and Interested and Affected Parties

As explained in my previous email below (please read my first email notification as well), please find attached the Executive Summaries for the proposed Gemsbok Solar PV3, PV4, PV5 and PV6 projects. I am sending these separately due to mailbox size limitations.

Best wishes, Minnelise

>>> Minnelise Levendal 23/10/2015 17:57 >>>

Dear Stakeholders and Interested and Affected Parties

RELEASE OF SCOPING REPORT FOR COMMENT

SCOPING AND ENVIRONMENTAL IMPACT ASSESSMENT (EIA) FOR THE PROPOSED DEVELOPMENT OF SEVEN SOLAR PHOTOVOLTAIC OR CONCENTRATED PHOTOVOLTAIC (CPV) SOLAR FACILITIES AND ASSOCIATED ELECTRICAL INFRASTRUCTURE NORTH-EAST OF KENHARDT, NORTHERN CAPE PROVINCE (GEMSBOK SOLAR PV3-, PV4, PV5, PV6; AND BOVEN SOLAR PV2-, 3 & 4) ON PORTIONS 3 AND 8 OF GEMSBOK BULT FARM 120 AND ON THE REMAINING EXTENT OF BOVEN RUGZEER FARM 169

Competent Authority: National Department of Environmental Affairs

csir reference: EMS0106/mulilo/2015

This e-mail correspondence serves to inform you of the release of seven Scoping Reports for a 30-day commenting period ending on 24 November 2015 for the proposed Solar PV Facilities and associated electrical infrastructure near Kenhardt in the Northern Cape (CSIR Reference Number: EMS0106/MULILO/2015).

Mulilo Renewable Project Developments (PTY) LTD (Mulilo) intends to develop seven Solar PV Facilities of 75 MW each and associated electrical infrastructure (132 kV transmission lines for each 75 MW facility) on Portions 3 and 8 of Gemsbok Bult Farm 120 and the Remaining Extent of Boven Rugzeer Farm 169 near Kenhardt in the Northern Cape. The seven projects are indicated in Table 1.

Table1: Seven Preferred Solar PV Facilities proposed by Mulilo near Kenhardt in the Northern Cape

No

Solar PV Project

Project Site

1.

Gemsbok Solar PV3

Portion 3 of Gemsbok Bult Farm 120

2.

Gemsbok Solar PV4

Portion 3 of Gemsbok Bult Farm 120

3.

Gemsbok Solar PV5

Portion 8 of Gemsbok Bult Farm 120

4.

Gemsbok Solar PV6

Portion 8 of Gemsbok Bult Farm 120

5.

Boven Solar PV2

Remaining Extent of Boven Rugzeer Farm 169

6.

Boven Solar PV3

Remaining Extent of Boven Rugzeer Farm 169

7.

Boven Solar PV4

Remaining Extent of Boven Rugzeer Farm 169

Since the proposed 75 MW Solar PV facilities are located within the same geographical area and constitute the same type of activity, an integrated PPP will be undertaken for the proposed seven projects. However, separate Applications for EA are currently being lodged with the Competent Authority (i.e. the National Department of Environmental Affairs (DEA)) for each proposed Scoping and EIA project. Furthermore, separate reports (i.e. Scoping and EIA Reports) will be compiled for each project.

Please find attached the following:

- \* Executive Summary of each Scoping Report (please note due to mailbox size limitations I will email these in two emails-attached are the ones for Boven Solar);
- \* Letter 2 to I&APs; and
- \* Comment and Registration Form.

Hard copies of the Scoping Reports are also available for public viewing at the Kenhardt Library (in Park Street) The Scoping Reports can also be downloaded from the project website: <http://www.csir.co.za/eia/MuliloSolar>

Kindly complete the enclosed Comment and Registration Form in order to submit any comments, issues or concerns you may have. Please submit the completed form to the CSIR Project Leader, Minnelise Levendal, at the contact details provided below by 24 November 2015.

Thank you and kind regards,

Minnelise Levendal

CSIR - Environmental Management Services  
P. O. Box 320, Stellenbosch, 7599  
Tel: 021 888 2495/2661  
Fax: 021 888 2693  
Email: [mlevendal@csir.co.za](mailto:mlevendal@csir.co.za)

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## **Letter 1: Notification of the BA, Scoping and EIA Processes**

P. O. Box 320, Stellenbosch, 7599  
Tel: 021 888 2495  
Fax: 021 888 2693  
Email: mlevendal@csir.co.za



9 September 2015

Dear Interested and Affected Party

**RE: NOTICE OF SCOPING AND ENVIRONMENTAL IMPACT ASSESSMENT (EIA) FOR THE PROPOSED DEVELOPMENT OF SEVEN SOLAR PHOTOVOLTAIC OR CONCENTRATED PHOTOVOLTAIC FACILITIES AND ASSOCIATED ELECTRICAL INFRASTRUCTURE NORTH-EAST OF KENHARDT, NORTHERN CAPE PROVINCE (CSIR REFERENCE: EMS0106/MULILO/2015)**

Mulilo Renewable Project Developments (Pty) (Ltd) (hereafter referred to as "Mulilo") proposes to construct and operate seven Photovoltaic (PV) or Concentrated Photovoltaic (CPV) Solar Facilities with a generating capacity of 75 MW each and associated electrical infrastructure (132 kV transmission lines for each 75 MW facility), on Portions 3 and 8 of Gemsbok Bult Farm 120 and the Remaining extent of Boven Rugzeer Farm 169, located 30 km north-east of Kenhardt. Two of the projects will be located on Portion 3-, two projects on Portion 8 of Gemsbok Bult Farm 120 and three projects on the Remaining Extent of Boven Rugzeer Farm 169. Each 75 MW Solar PV facility proposed will cover an approximate area of 200 hectares (ha) with a collective footprint of approximately 1 400 ha and a combined power generation capacity of 525 MW. The proposed projects will entail the construction of the solar field, buildings, electrical infrastructure, internal access roads, and associated infrastructure and structures.

In terms of the National Environmental Management Act (Act 107 of 1998, as amended) (NEMA) and the 2014 NEMA EIA Regulations promulgated in Government Gazette 38282 and Government Notice (GN) R982, R983, R984 and R985 on 8 December 2014, the proposed projects require a full Scoping and EIA Process for the construction of the seven Solar PV facilities. The CSIR has been appointed by Mulilo to undertake the requisite Scoping and EIA Processes for the proposed projects.

Since the proposed seven 75 MW Solar PV facilities are located within the same geographical area and constitute the same type of activity, an integrated Public Participation Process will be undertaken for the proposed projects. However, separate Applications for Environmental Authorisation will be lodged with the Competent Authority (i.e. the National Department of Environmental Affairs (DEA)) for each proposed 75 MW Solar PV facility and transmission line, which will be referred to as Gemsbok Solar PV3, Gemsbok Solar PV4, Gemsbok Solar PV5, Gemsbok Solar PV6, Boven Solar PV2, Boven Solar PV3 and Boven Solar PV4. One integrated Scoping Report will be compiled for all seven projects, but seven separate EIA Reports will be compiled.

In line with this, notice is hereby given that Scoping and EIA Processes will be undertaken for the proposed 75 MW Solar PV facilities and transmission lines.

Please find enclosed, a Background Information Document (including a Comment and Registration Form), which provides an overview of the proposed projects, as well as the potential listed activities that form part of the Scoping and EIA Processes and require Environmental Authorisation from the National DEA. The proposed projects potentially trigger the following listed activities:

- GN R983: Activity 11 (i); 12 (x) and 12 (xii); Activity 19 (i); Activity 24 (ii) and Activity 28 (ii);
- GN R984: Activity 1 and Activity 15; and
- GN R985: Activity 12 (d)

A comment and registration period of **30 days** has been allocated for the review of the Background Information Document, for the submission of any issues or concerns, and for the registration of I&APs (which requires the completion of the enclosed Comment and Registration Form). Kindly complete the enclosed Comment and Registration Form and submit it to the CSIR at the contact details provided above by **10 October 2015**. All comments received during this 30 day period will be recorded and included in the Scoping Report.

Kindly note that available project information can be accessed at the following website: <http://www.csir.co.za/eia/MuliloSolar>

Should you have any queries or require additional information please do not hesitate to contact the undersigned (CSIR Project Manager) using the contact details provided above.

Sincerely,

Minnelise Levendal  
Project Manager: CSIR Environmental Management Services

**Comment and Registration Form sent with Letter 1**

**SCOPING AND ENVIRONMENTAL IMPACT ASSESSMENT (EIA) FOR THE PROPOSED DEVELOPMENT OF SEVEN SOLAR PHOTOVOLTAIC OR CONCENTRATED PHOTOVOLTAIC (CPV) SOLAR FACILITIES AND ASSOCIATED ELECTRICAL INFRASTRUCTURE NORTH-EAST OF KENHARDT, NORTHERN CAPE PROVINCE (GEMSBOK SOLAR PV3-, PV4, PV5, PV6; AND BOVEN SOLAR PV2-, 3 & 4)**

**CSIR REFERENCE: EMS0106/MULILO/2015**

Project Applicant: Mulilo Renewable Project Developments (Pty) Ltd

**COMMENT AND REGISTRATION FORM**

9 September 2015

<b><u>Name:</u></b>	<b><u>Telephone:</u></b>
<b><u>Organisation:</u></b>	<b><u>Fax:</u></b>
<b><u>Designation:</u></b>	<b><u>Email:</u></b>
<b><u>Physical address:</u></b>	<b><u>Postal address:</u></b>

Please indicate if you would like to register as an Interested and Affected Party (I&AP) for the proposed projects. <u>Registration is required in order to receive further correspondence during the Scoping and EIA Processes.</u> Please tick the appropriate box.	
<b>YES</b>	
<b>NO</b>	
Please indicate if you have any interest (business, financial, personal or other) in the proposed projects and/or the Applications for Environmental Authorisation:	

Please describe any issues or concerns you may have regarding the seven proposed solar photovoltaic projects, which you think should be considered during the Scoping and EIA Processes.

Please provide details of any other individuals or organisations that should be registered as I&APs:

Please complete this Comment and Registration Form by no later than **10 October 2015** and submit it to:

Minnelise Levendal CSIR Postal Address: P. O. Box 320, Stellenbosch, 7599 Tel: 021 888 2495/2661 Fax: 021 888 2693 E-mail: mlevendal@csir.co.za Project Website: <a href="http://www.csir.co.za/eia/MuliloSolar">http://www.csir.co.za/eia/MuliloSolar</a>
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**Background Information Document sent with Letter 1 and email notifications**

**MULILO**  
RENEWABLE PROJECT DEVELOPMENTS

Scoping and Environmental Impact Assessment for the proposed  
Development of seven Solar Photovoltaic Facilities and associated  
Electrical Infrastructure north-east of Kenhardt, Northern Cape Province

**Background  
Information  
Document**

CSIR  
our future through science

CSIR Reference: EMS0106/MULILO/2015  
September 2015

Scoping and Environmental Impact Assessment for the proposed Development of seven Solar Photovoltaic Facilities and associated Electrical Infrastructure north-east of Kenhardt, Northern Cape Province

**1. INTRODUCTION TO THE PROPOSED PROJECT**

Mulilo Renewable Project Developments (Pty) Ltd (hereinafter referred to as "Mulilo") proposes to construct and operate seven Photovoltaic (PV) or Concentrated Photovoltaic (CPV) Solar Facilities with a generating capacity of 75 MW each and associated electrical infrastructure (132 kV transmission lines for each 75 MW facility), on Portions 3 and 8 of Gemsbok Bult Farm 120 and the Remaining Extent of Boven Rugzeer Farm 169 located 30 km north-east of Kenhardt within the !Kheis Local Municipality, Northern Cape Province. Two of the projects will be located on Portion 3-, two projects on Portion 8 of Gemsbok Bult Farm 120 and three projects on the Remaining Extent of Boven Rugzeer Farm 169 north-east of Kenhardt. The proposed facilities will connect to the substation which will be located on the Remaining Extent of Portion 3 of Gemsbok Bult Farm 120.

Mulilo is a locally owned, South African based renewable energy developer that was formed in 2008. The company focuses on solar, wind and hydro technologies and works with landowners, project developers, technology providers, regulators and investors to source and develop renewable energy projects.

Each 75 MW Solar PV facility proposed by Mulilo will cover an approximate area of 200 hectares (ha) and will be constructed adjacent to each other (with a collective footprint of approximately 1 400 ha and a combined power generation capacity of 525 MW). The proposed projects are located in proximity to the Eskom Nieuwehoop Substation (which is currently being constructed on the farm Gemsbok Bult (Remaining Extent of Portion 3 of Farm 120)). Each proposed 132 kV transmission line will link to the Eskom Nieuwehoop Substation.

Separate Applications for Environmental Authorisation (EA) will be lodged with the Competent Authority (i.e. the National Department of Environmental Affairs (DEA)) for each proposed 75 MW Solar PV facility and transmission line. Mulilo has identified seven sites and potential projects with alternatives and transmission lines (see Table 1 at the end of the page).

Figure 1 shows the proposed preferred project sites, the alternative sites and the transmission lines. The proposed project is located directly alongside the proposed Nieuwehoop Solar Development of Mulilo (Phase 1), which is currently undergoing an Environmental Impact Assessment (EIA). The alternative sites will be considered as part of the EIA process.

In terms of the National Environmental Management Act (Act 107 of 1998, as amended) (NEMA) and the 2014 NEMA Environmental Impact Assessment (EIA) Regulations promulgated in Government Gazette 38282 and Government Notice (GN) R982, R983, R984 and R985 on 8 December 2014, the proposed projects (solar PV facilities and its associated powerlines) require a full Scoping and EIA Process for the construction of the seven Solar PV facilities. The CSIR has been appointed to undertake the EIA Process for the proposed projects.

Since the proposed 75 MW Solar PV facilities are located within the same geographical area and constitute the same type of activity, an integrated Public Participation Process (PPP) will be undertaken for the proposed projects. One integrated Scoping Report will be submitted to DEA (covering all seven projects). However, seven separate EIA reports will be submitted to DEA for decision-making.

Table 1: Proposed 7 Solar PV Projects and locations

	Solar PV Project	Project Site
1.	Gemsbok Solar PV3	Portion 3 of Gemsbok Bult 120 Farm
2.	Gemsbok Solar PV4	Portion 3 of Gemsbok Bult 120 Farm
3.	Gemsbok Solar PV5	Portion 8 of Gemsbok Bult 120 Farm
4.	Gemsbok Solar PV6	Portion 8 of Gemsbok Bult 120 Farm
5.	Boven Solar PV2	Remaining Extent of Boven Rugzeer 169
6.	Boven Solar PV3	Remaining Extent of Boven Rugzeer 169
7.	Boven Solar Pv4	Remaining Extent of Boven Rugzeer 169

Scoping and Environmental Impact Assessment for the proposed Development of seven Solar Photovoltaic Facilities and associated Electrical Infrastructure north-east of Kenhardt, Northern Cape Province

## 2. NEED AND JUSTIFICATION FOR THE PROPOSED PROJECTS

At a national level, South Africa is facing serious electricity shortages as well as water scarcity. Linked to this, the proposed projects aim to supply additional electricity to the national grid. Furthermore, the urgent need to reduce greenhouse gas emissions and the importance of a secure and diversified energy supply has resulted in a global shift towards, and an increased focus on, the use of renewable energy technologies. In South Africa, national government has encouraged the utilisation of renewable energy through national policy and strategic planning. The objective is to expand electricity generation capacity in South Africa and promote the practice of sustainable development.

The Integrated Resource Plan for South Africa for the period 2010 to 2030 (hereinafter referred to as "IRP 2010") was released by government in 2010 (with an Updated Report, dated 2013) and proposes to develop and secure 17 800 MW of renewable energy capacity by 2030 (including wind, solar and other energy sources). The Department of Energy (DoE) is currently entered into a bidding process, i.e. the Renewable Independent Power Producer Procurement Programme (REIPPPP), for the procurement of 3725 MW of renewable energy from Independent Power Producers (IPP) by 2016 and beyond to enable the Department to meet this target. Subsequent to this, an additional target of 6 300 MW from renewable energy sources was added to the REIPPPP as published in Government Gazette No. 39111 of 18 August 2015. The additional target allocated for wind energy is 3040 MW and 2 200 MW for solar photovoltaic.

The two main evaluation criteria for compliant proposals are price and economic development, with other selection criteria including technical feasibility and grid connectivity, environmental acceptability, black economic empowerment, community development, and local economic and manufacturing propositions. The bidders with the highest rankings (according to the aforementioned criteria) are appointed as "Preferred Bidders" by the DoE.

The proposed projects aim to contribute to the above strategic imperative.

## 3. WHAT DOES THIS DOCUMENT TELL YOU?

This Background Information Document (BID) provides you, as an Interested and Affected Party (I&AP), with:

- Background information on the proposed projects;
- A description of the EIA and Public Participation Process that will be undertaken for the proposed projects; and
- Details on how to register your interest in the projects and receive further information.

As a registered I&AP, there will be opportunities for you to be involved in the Scoping and EIA Processes through receiving information, registering your interest on the project database, raising issues of concern and commenting on reports. The input from I&APs, together with the information and assessment provided by the Environmental Assessment Practitioner and relevant specialists, will assist DEA with their decision-making in terms of whether to grant or refuse EA for the proposed projects.

## 4. WHAT DO THE PROPOSED PROJECTS ENTAIL?

The locality map (Figure 1) included with this BID provides an overview of the proposed locality of the projects (including the alternatives sites for the projects) on Portions 3 and 8 of Gemsbok Bult Farm 120 and the Remaining Extent of Boven Rugzeer Farm 169 and their connection points to the substation on the Remaining Extent of Portion 3 of Gemsbok Bult Farm 120, north-east of Kenhardt in the Northern Cape. The proposed projects will take place on land owned by a third party, and as such consent has been obtained from the landowner. It is anticipated that the property on which the proposed projects will be constructed will be leased from the landowner.

Each Solar PV facility will consist of the components listed below. The components and their dimensions will be discussed within the integrated Scoping Report and the separate EIA Reports that will be produced for each facility:

Scoping and Environmental Impact Assessment for the proposed Development of seven Solar Photovoltaic Facilities and associated Electrical Infrastructure north-east of Kenhardt, Northern Cape Province

**Solar Field**

- Solar Arrays
- Building infrastructure
  - Offices;
  - Operational control centre;
  - Warehouse/workshop;
  - Ablution facilities; and
  - Converter station.

**Associated Infrastructure**

- Electrical infrastructure (including transmission lines and substations);
- Access roads;
- Internal gravel roads;
- Fencing;
- Operation and Maintenance Area;
- Laydown Area;
- Stormwater channels; and
- Water pipelines.

**5. ENVIRONMENTAL AUTHORISATION**

In terms of the NEMA and the 2014 NEMA EIA Regulations published in GN R982, R983, R984 and R985 on 8 December 2014 in Government Gazette 38282, notice is hereby given that a Scoping and EIA Process is required as the proposed projects include, amongst others, the activities shown in Table 2. Table 2 indicates the applicable listed activities together with a summary of the listed activity in the context of the proposed project activities.

Table 2: Listed Activities for the Scoping and EIA Processes – Proposed 75 MW Solar PV Facilities

Relevant Notice and Activity Number	Description of the planned activity that relates to the applicable listed activity
GN R983: Activity 11 (i)	The proposed project will entail the construction and installation of a total of seven overhead transmission lines with a capacity of 132 kV each. One transmission line will be constructed for each 75 MW Solar PV facility. The proposed project will take place on Portions 3 and 8 of Gemsbok Bult Farm 120 and the Remaining Extent of Boven Rugzeer Farm 169 and the connection points to the substation will take place on the Remaining Extent of Portion 3 of Gemsbok Bult Farm 120, north-east of Kenhardt in the Northern Cape Province, outside an urban area.
GN R983: Activity 12 (x) and (xii)	Each proposed 75 MW Solar PV facility will entail the construction of building infrastructure and structures (such as the solar field, offices, workshops, ablution facilities, on-site substations, laydown areas and security enclosures). The buildings and infrastructure are expected to exceed a footprint of 100 m <sup>2</sup> and some of which are likely to occur within 32 m of a watercourse.
GN R983: Activity 19 (i)	The proposed project <b>may</b> entail the excavation, removal and moving of more than 5 m <sup>3</sup> of soil, sand, pebbles or rock from the nearby watercourse. The proposed project <b>may</b> also entail the infilling of more than 5 m <sup>3</sup> of material into the nearby watercourse.
GN R983: Activity 24 (ii)	The proposed project will entail the construction of internal access roads. These roads could possibly be wider than 8 m (without a road reserve).
GN R983: Activity 28 (ii)	The proposed project will take place on Portions 3 and 8 of Gemsbok Bult Farm 120 and the Remaining Extent of Boven Rugzeer Farm 169 and the connection points to the substation will take place on the Remaining Extent of Portion 3 of Gemsbok Bult Farm 120, north-east of Kenhardt in the Northern Cape. It is understood that the land is currently used for agricultural purposes. The proposed projects (i.e. commercial/industrial development) will cover a total combined footprint of approximately 1 400 ha.
GN R984: Activity 1	The proposed project will entail the construction of seven 75 MW Solar PV facilities with a total of 525 MW (i.e. facilities for the generation of electricity from a renewable resource). The proposed project will take place on Portions 3 and 8 of Gemsbok Bult Farm 120 and the Remaining Extent of Boven Rugzeer Farm 169 and the connection points to the substation will take place on the Remaining Extent of Portion 3 of Gemsbok Bult Farm 120, north-east of Kenhardt in the Northern Cape Province, outside an urban area.
GN R984: Activity 15	The total footprint of the proposed project is expected to be approximately 1 400 ha (i.e. 200 ha x 7 proposed 75 MW Solar PV facilities). As a result, more than 20 ha of indigenous vegetation could possibly be removed for the construction of the proposed Solar PV facilities.
GN R985: Activity 12 (d)	The proposed facility's development footprint will be 525 ha and therefore more than 300 square metres of indigenous vegetation will be removed.



## Scoping and Environmental Impact Assessment for the proposed Development of seven Solar Photovoltaic Facilities and associated Electrical Infrastructure north-east of Kenhardt, Northern Cape Province

### **Note from the CSIR:**

*It is also important to note that a precautionary approach has been adopted by the CSIR when identifying listed activities, in that if there is any doubt at this stage of the project planning whether or not an activity is included in the project design, then the activity is listed. This list may be refined during the course of the Scoping and EIA Processes, and listed triggers may be removed or added as applicable.*

The applicable listed activities require EA from the National DEA. The Scoping and EIA Process needs to show the Competent Authority, the National DEA, and the project proponent, Mulilo, the consequences their choices will have on the biophysical, social and economic environment. The steps in the Scoping and EIA Process are outlined below.

## **6. SCOPING AND EIA PROCESS**

The Scoping and EIA Process being implemented can be summarised as follows:

### **Stage 1: Environmental Scoping:**

This Scoping Process is being planned and conducted in a manner that is intended to provide sufficient information to enable the authorities to reach a decision regarding the scope of issues to be addressed in the EIA, and in particular to convey the range of specialist studies that will be included as part of the Environmental Impact Reporting Phase of the EIA, as well as the approach to these specialist studies. Within this context, the main objectives of this Scoping Process are to *inter alia*:

- Identify and inform a broad range of stakeholders about the proposed projects;
- Through a process of broad-based consultation with stakeholders, conduct an open, participatory and transparent Public Participation Process and facilitate the inclusion of any concerns and issues raised by stakeholders;
- Identify the relevant policies and legislation relevant to the proposed project;
- Provide the need and desirability of the proposed project, as well as the need and desirability of the project in the context of the preferred location;
- Identify and confirm the preferred activity, technology alternative, and preferred site (i.e.

clarify the scope and nature of the proposed activities and the alternatives being considered);

- Identify and document the key issues to be addressed in the subsequent EIA Phase;
- Confirm the level of assessment required, impact assessment methodology, and the specialist input; and
- Identify suitable measures to avoid, manage or mitigate identified impacts and to determine the extent of the residual risks that need to be managed and monitored.

### **Stage 2: EIA:**

The purpose of this stage of the EIA Process is to:

- Undertake specialist investigations to address the issues of concern that have been raised and identified through the Scoping Process;
- Assess reasonable and feasible alternatives that form part of the proposed project (including the No Go Option);
- Determine the policy and legislative context of the proposed project;
- Describe the need and desirability of the proposed project, as well as the need and desirability of the project in the context of the preferred location;
- Identify the location of the proposed development footprint within the preferred site;
- Identify the most ideal location for the proposed activity within the preferred site;
- Identify, determine and assess the significance of the predicted impacts in line with the accepted Plan of Study for EIA;
- Recommend management actions to enhance positive benefits or avoid/minimise potential negative impacts (based on specialist input); and
- Identify residual risks that need to be managed and monitored.

The following specialist studies have been identified, at this stage, to form part of the EIA Phase of the proposed projects:

- Ecological Impact Assessment (including Terrestrial Ecology, Aquatic Ecology and Avifauna);
- Visual Impact Assessment;
- Heritage Impact Assessment (Archaeology and Cultural Landscape);

**Scoping and Environmental Impact Assessment for the proposed Development of seven Solar Photovoltaic Facilities and associated Electrical Infrastructure north-east of Kenhardt, Northern Cape Province**

- Desktop Palaeontological Impact Assessment;
- Soils and Agricultural Potential Assessment; and
- Social Impact Assessment.

## **7. PUBLIC PARTICIPATION PROCESS**

Public involvement forms an important component of the Scoping and EIA Process by assisting in the identification of issues and alternatives to be evaluated. The following outlines the steps in the Public Participation Process. Please note that one integrated Public Participation process will be undertaken for all seven projects.

### **Step 1: Notify Authorities and I&APs of the Scoping and EIA Processes (30 days)**

The initial step entails providing notification to Authorities and potential I&APs of the proposed projects and the commencement of the Scoping and EIA Processes. An initial database of potential I&APs and Authorities will be compiled. Authorities and potential I&APs will be provided with a BID (i.e. this document), including a Comment and Registration Form and written notification. An advertisement will also be placed in a local newspaper during this phase. I&APs will be provided with a 30-day review period within which to raise any issues or concerns for inclusion in the Scoping Report. During this review period, I&APs are required to register their interest on the project database in order to be included from the outset of the Scoping and EIA Processes.

### **Step 2: Preparation of Applications for EA, and Scoping Report**

Separate Applications for EA for each proposed 75 MW Solar PV facility with its associated transmission line will be prepared (i.e. a total of seven applications will be prepared). In addition, the Scoping Report and Plan of Study for EIA will be compiled in line with Appendix 2 of the 2014 EIA Regulations (GN R982). Since the proposed 75 MW Solar PV facilities are located within the same geographical area and constitute the same type of activity, an integrated Scoping Process will be undertaken for the proposed seven projects. One integrated Scoping Report will be submitted to DEA (covering all seven projects). However, seven separate EIA reports will be submitted. All issues and concerns raised by the Authorities and I&APs

during the review of the BID will be recorded and compiled into an Issues and Responses Trail for inclusion in the Scoping Report.

### **Step 3: Submission of Applications for EA**

Seven separate applications for EA for each proposed 75 MW Solar PV facility and transmission line (i.e. a total of seven applications) will be submitted to the National DEA for processing.

### **Step 4: Authority and I&AP Review of the Scoping Report (30 days)**

The Scoping Report will be released to the public for a 30-day review period. All Authorities and registered I&APs on the project database will be notified in writing of the opportunity to review the Scoping Report. A Comment and Registration Form will also be sent with the written notification to all registered stakeholders. A copy of the Scoping Report will be placed on the project website (<http://www.csir.co.za/eia/MuliloSolar>), and at the Kenhardt public library.

### **Step 5: Submission of Scoping Report to the National DEA for Decision-Making**

The comments received from I&APs during the 30-day review of the Scoping Report will be recorded into a comprehensive Issues and Responses Trail, and will be included in the Scoping Report before submission to the National DEA. The Scoping Report will thereafter be finalised and submitted to the National DEA for decision-making. All registered I&APs on the project database will be notified of the submission of the Scoping Report to DEA.

The National DEA will have 43 days (from receipt of the Scoping Report) to either accept the Scoping Report with or without conditions, or refuse EA.

### **Step 6: Undertake Specialist Studies and Preparation of EIA Reports (including the Environmental Management Programme (EMPr))**

Once the National DEA accepts the Scoping Report, the Impact Assessment Phase may commence.

During this phase, the specialist studies (as listed above) will be undertaken and the EIA Reports (including the EMPr) will be compiled in line with the

**Scoping and Environmental Impact Assessment for the proposed Development of seven Solar Photovoltaic Facilities and associated Electrical Infrastructure north-east of Kenhardt, Northern Cape Province**

2014 EIA Regulations and the accepted Plan of Study for EIA.

As stated above, seven separate EIA reports will be prepared, i.e. one for each project.

**Step 7: Authority and I&AP Review of the EIA Reports and EMPr (30 days)**

During this phase, the EIA Reports will be released to the public for a 30-day review period. All Authorities and registered I&APs on the project database will be notified in writing of the opportunity to review the EIA Reports. A Comment and Registration Form will also be sent with the written notification to all registered stakeholders. Copies of the EIA Reports will be placed on the project website <http://www.csir.co.za/eia/MuliloSolar> and at the local public library.

**Step 8: Submission of the EIA Reports to the National DEA for Decision-Making**

A key component of the EIA Process is documenting and responding to the comments received from I&APs and Authorities. The comments received from I&APs during the 30-day review of the EIA Reports will be recorded into a comprehensive Comments and Responses Trail, and will be included in the EIA Reports before submission to the National DEA. The Comments and Responses Trail will indicate the nature of the comment, when and who raised the comment, as well as indicate how the comment received has been considered in the EIA Reports, in the project design or the EMPr. The EIA Reports will thereafter be finalised and submitted to the National DEA for decision making. All registered I&APs on the project database will be notified of the submission of the EIA Reports to the national DEA.

The National DEA will have 10 days (from receipt of the EIA Reports) to acknowledge the reports and will thereafter have 107 days to grant or refuse EA.

**Step 9: Notification of Environmental Decision and Appeal Period**

All registered stakeholders on the project database will be notified in writing of the Environmental Decision for the proposed projects, and will be informed of the opportunity to appeal.

**HOW CAN YOU GET INVOLVED?**

1. By responding to our invitation for your involvement advertised in local newspapers.
2. By mailing or faxing a Comment and Registration Form to the CSIR (contact details provided below).
3. By telephonically contacting the CSIR if you have a query, comment, or require further project information.
4. By reviewing the various reports within the stipulated comment periods provided.
5. By attending any feedback meetings, which may be held during the review period.

**CSIR Contact Details:**

To register as an I&AP, please complete the Comment and Registration Form included with this BID and kindly return to:

Minnelise Levendal

CSIR

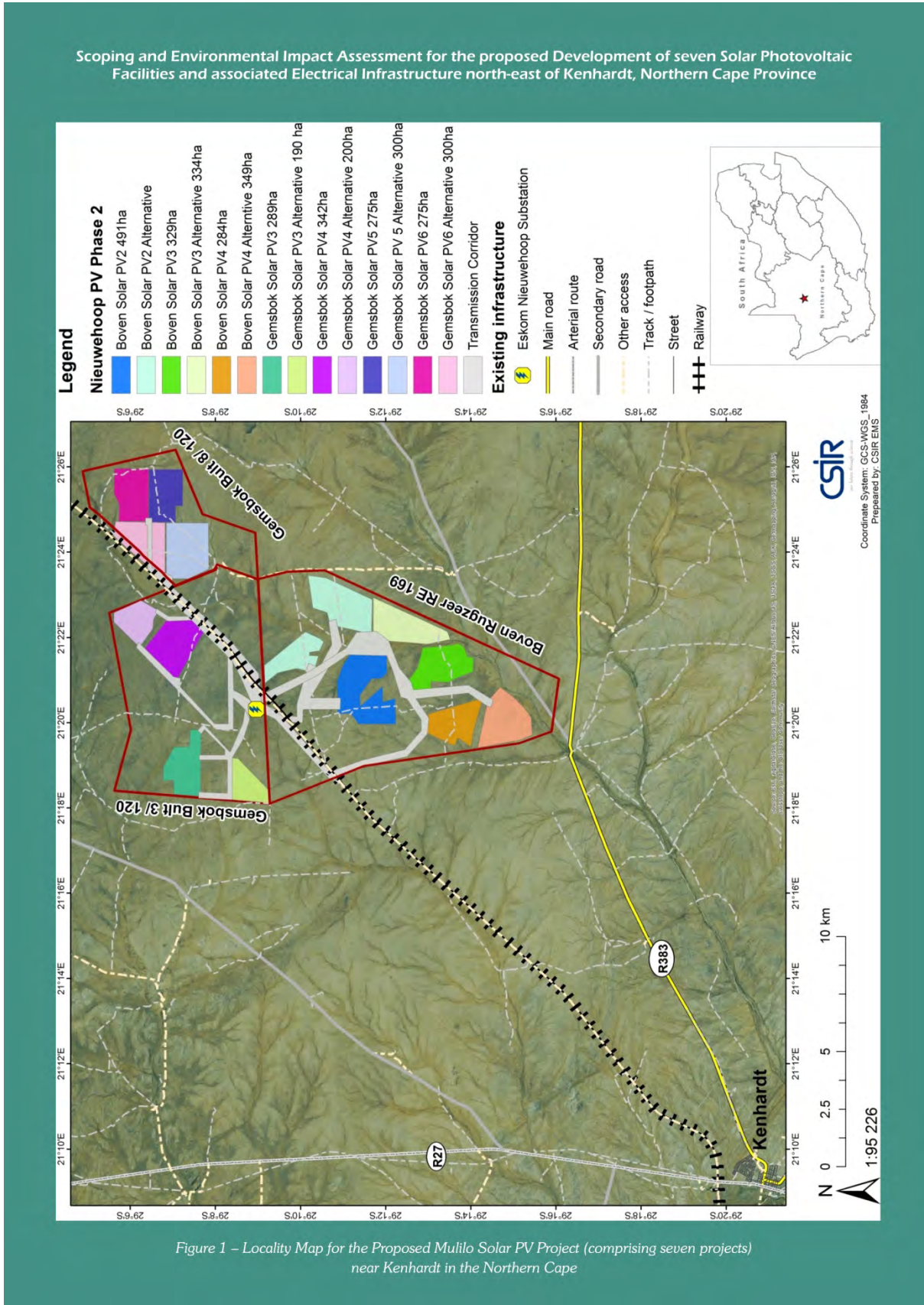
Email: [mlevendal@csir.co.za](mailto:mlevendal@csir.co.za)

Tel: 021 888 2495

Fax: 021 888 2693

Postal Address: P. O. Box 320, Stellenbosch, 7600





**Proof of Correspondence with I&APs (Registered Mail Receipts for Letter 1)**

<b>REGISTERED LETTER</b> <b>GEREGISTREERDE BRIEF</b>		<b>Post Office</b>	
<i>(with an insurance option/met 'n versekeringsopsie)</i>		Postage paid R _____ Service fee/Diensgeld R _____ Insurance/Versekering R _____ <b>Total/Totaal R _____</b>	
<b>Full tracking and tracing/Volledige volg en spoor</b>			
Addressed to/Geadresseer aan Andrew Timothy ✓ Direct Heritage Apt Sports, Arts & Culture PO Box 1936 Kimberly 83100 Postcode		Insured value of contents Versekerde waarde van inhoud R _____	
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.		Enquiries/Navrae Toll-free number Tolvry nommer <b>0800 111 502</b>	
Affix Track and Trace <b>REGISTERED LETTER</b> <i>(with a domestic insurance option)</i> ShareCall 0800 111 502 www.safep.co.za <b>RC 003 838 249 ZA</b>		Initial of accepting officer _____ Date stamp _____ Paraaf van aaneem-beampte _____ Datumstempel _____	
CUSTOMER COPY 301028R Klientaatskrif		701281	
<b>REGISTERED LETTER</b> <b>GEREGISTREERDE BRIEF</b>		<b>Post Office</b>	
<i>(with an insurance option/met 'n versekeringsopsie)</i>		Postage paid R _____ Service fee/Diensgeld R _____ Insurance/Versekering R _____ <b>Total/Totaal R _____</b>	
<b>Full tracking and tracing/Volledige volg en spoor</b>			
Addressed to/Geadresseer aan Lizell Stroh ✓ SA Civil Aviation Authority Private Bag X73 Halfway House 11685 Postcode		Insured value of contents Versekerde waarde van inhoud R _____	
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.		Enquiries/Navrae Toll-free number Tolvry nommer <b>0800 111 502</b>	
Affix Track and Trace <b>REGISTERED LETTER</b> <i>(with a domestic insurance option)</i> RC 003 838 442 ZA <b>A BOOK COPY</b>		Initial of accepting officer _____ Date stamp _____ Paraaf van aaneem-beampte _____ Datumstempel _____	
CUSTOMER COPY 301028R Klientaatskrif		701281	
<b>REGISTERED LETTER</b> <b>GEREGISTREERDE BRIEF</b>		<b>Post Office</b>	
<i>(with an insurance option/met 'n versekeringsopsie)</i>		Postage paid R _____ Service fee/Diensgeld R _____ Insurance/Versekering R _____ <b>Total/Totaal R _____</b>	
<b>Full tracking and tracing/Volledige volg en spoor</b>			
Addressed to/Geadresseer aan John Geeragh ✓ Eskom PO Box 1091 JHB 21157 Postcode		Insured value of contents Versekerde waarde van inhoud R _____	
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.		Enquiries/Navrae Toll-free number Tolvry nommer <b>0800 111 502</b>	
Affix Track and Trace <b>REGISTERED LETTER</b> <i>(with a domestic insurance option)</i> ShareCall 0800 111 502 www.safep.co.za <b>RC 003 838 195 ZA</b>		Initial of accepting officer _____ Date stamp _____ Paraaf van aaneem-beampte _____ Datumstempel _____	
CUSTOMER COPY 301028R Klientaatskrif		701281	
<b>REGISTERED LETTER</b> <b>GEREGISTREERDE BRIEF</b>		<b>Post Office</b>	
<i>(with an insurance option/met 'n versekeringsopsie)</i>		Postage paid R _____ Service fee/Diensgeld R _____ Insurance/Versekering R _____ <b>Total/Totaal R _____</b>	
<b>Full tracking and tracing/Volledige volg en spoor</b>			
Addressed to/Geadresseer aan Justine Nyngaardt ✓ Eskom Brackenell Road Brackenell WC 75611 Postcode		Insured value of contents Versekerde waarde van inhoud R _____	
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.		Enquiries/Navrae Toll-free number Tolvry nommer <b>0800 111 502</b>	
Affix Track and Trace <b>REGISTERED LETTER</b> <i>(with a domestic insurance option)</i> ShareCall 0800 111 502 www.safep.co.za <b>RC 003 838 195 ZA</b>		Initial of accepting officer _____ Date stamp _____ Paraaf van aaneem-beampte _____ Datumstempel _____	
CUSTOMER COPY 301028R Klientaatskrif		701281	

<b>REGISTERED LETTER</b> <b>GEREGISTREERDE BRIEF</b>			
(with an insurance option/met 'n versekeringsopsie)		Postage paid R _____ C Service fee/Diensgeld R _____ C Insurance/Versekering R _____ C Total/Totaal R _____ C	
<b>Full tracking and tracing/Volledige volg en spoor</b>			
Addressed to/Geadresseer aan Sharon Steyn PO Box 350 Kimberley		Insured value of contents Versekerde waarde van inhoud R _____ C	
8300 Postcode Postkode		Enquiries/Navrae Toll-free number Tolvry nommer 0800 111 502	
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 sonder dokumentêre bewys betaalbaar nie. Opsionele versekering tot R2 000.00 is beskikbaar en slegs op binnelandse geregistreerde briewe van toepassing.		Affix Track and Trace <b>REGISTERED LETTER</b> (with a domestic insurance option) ShareCall 0800 111 502 www.sapo.co.za RC 003 838 425 ZA	
		Initial of accepting officer Date stamp STELLENBOSCH 7599 09 SEP 2015 FOLIO 5 Datumstempel	
		Paraaf van aaneem-beampte	
		CUSTOMER COPY 301022R	

<b>REGISTERED LETTER</b> <b>GEREGISTREERDE BRIEF</b>			
(with an insurance option/met 'n versekeringsopsie)		Postage paid R _____ C Service fee/Diensgeld R _____ C Insurance/Versekering R _____ C Total/Totaal R _____ C	
<b>Full tracking and tracing/Volledige volg en spoor</b>			
Addressed to/Geadresseer aan C.T. Mkhize Mkhambathini local Mu Private Bag 404 Camp 3720		Insured value of contents Versekerde waarde van inhoud R _____ C	
Postcode Postkode		Enquiries/Navrae Toll-free number Tolvry nommer 0800 111 502	
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 sonder dokumentêre bewys betaalbaar nie. Opsionele versekering tot R2 000.00 is beskikbaar en slegs op binnelandse geregistreerde briewe van toepassing.		Affix Track and Trace <b>REGISTERED LETTER</b> (with a domestic insurance option) ShareCall 0800 111 502 www.sapo.co.za RC 069 240 703 ZA	
		Initial of accepting officer Date stamp STELLENBOSCH 7599 17 SEP 2015 FOLIO 2 Datumstempel	
		Paraaf van aaneem-beampte	
		CUSTOMER COPY 301022R	

<b>REGISTERED LETTER</b> <b>GEREGISTREERDE BRIEF</b>			
(with an insurance option/met 'n versekeringsopsie)		Postage paid R _____ C Service fee/Diensgeld R _____ C Insurance/Versekering R _____ C Total/Totaal R _____ C	
<b>Full tracking and tracing/Volledige volg en spoor</b>			
Addressed to/Geadresseer aan Eric Negobo Mkhambathini local M Private Bag 404 Camp 3720		Insured value of contents Versekerde waarde van inhoud R _____ C	
Postcode Postkode		Enquiries/Navrae Toll-free number Tolvry nommer 0800 111 502	
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 sonder dokumentêre bewys betaalbaar nie. Opsionele versekering tot R2 000.00 is beskikbaar en slegs op binnelandse geregistreerde briewe van toepassing.		Affix Track and Trace <b>REGISTERED LETTER</b> (with a domestic insurance option) ShareCall 0800 111 502 www.sapo.co.za RC 069 240 685 ZA	
		Initial of accepting officer Date stamp STELLENBOSCH 7599 17 SEP 2015 FOLIO 2 Datumstempel	
		Paraaf van aaneem-beampte	
		CUSTOMER COPY 301022R	

<b>REGISTERED LETTER</b> <b>GEREGISTREERDE BRIEF</b>			
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<b>Full tracking and tracing/Volledige volg en spoor</b>			
Addressed to/Geadresseer aan S.H. Maellala Zibophezele Commu 25 Hector Drive Water Fall		Insured value of contents Versekerde waarde van inhoud R _____ C	
Postcode Postkode		Enquiries/Navrae Toll-free number Tolvry nommer 0800 111 502	
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 sonder dokumentêre bewys betaalbaar nie. Opsionele versekering tot R2 000.00 is beskikbaar en slegs op binnelandse geregistreerde briewe van toepassing.		Affix Track and Trace <b>REGISTERED LETTER</b> (with a domestic insurance option) ShareCall 0800 111 502 www.sapo.co.za RC 069 240 221 ZA	
		Initial of accepting officer Date stamp STELLENBOSCH 7599 17 SEP 2015 FOLIO 2 Datumstempel	
		Paraaf van aaneem-beampte	
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<b>REGISTERED LETTER</b> <b>GEREGISTREERDE BRIEF</b>			
(with an insurance option/met 'n versekeringsopsie)		Postage paid R _____ C Service fee/Diensgeld R _____ C Insurance/Versekering R _____ C Total/Totaal R _____ C	
<b>Full tracking and tracing/Volledige volg en spoor</b>			
Addressed to/Geadresseer aan M. MATHEUS PROVINCIAL ENVIRONMENTAL AUTHORITY PRIVATE BAG X 6102 Kimberley		Insured value of contents Versekerde waarde van inhoud R _____ C	
Enquiries/Navrae Toll-free number Tolvry nommer 0800 111 502		Initial of accepting officer _____ Date stamp 09 SEP 2015	
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 geregisterde briewe van toepassing.		REGISTERED LETTER (with a domestic insurance option) RC 003 838 408 ZA A BOOK COPY Paraaf van aanneem-beampte	

<b>REGISTERED LETTER</b> <b>GEREGISTREERDE BRIEF</b>			
(with an insurance option/met 'n versekeringsopsie)		Postage paid R _____ C Service fee/Diensgeld R _____ C Insurance/Versekering R _____ C Total/Totaal R _____ C	
<b>Full tracking and tracing/Volledige volg en spoor</b>			
Addressed to/Geadresseer aan SAMANTHA DE LA FONTAINE PROVINCIAL ENV. AUTHORITY (PROVINCIAL DEPT) 1st Floor Old River & Nelson Mandela UPINGTON		Insured value of contents Versekerde waarde van inhoud R _____ C	
Enquiries/Navrae Toll-free number Tolvry nommer 0800 111 502		Initial of accepting officer _____ Date stamp 09 SEP 2015	
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 geregisterde briewe van toepassing.		Affix Track and Trace REGISTERED LETTER (with a domestic insurance option) RC 003 838 218 ZA A BOOK COPY Paraaf van aanneem-beampte	

<b>REGISTERED LETTER</b> <b>GEREGISTREERDE BRIEF</b>			
(with an insurance option/met 'n versekeringsopsie)		Postage paid R _____ C Service fee/Diensgeld R _____ C Insurance/Versekering R _____ C Total/Totaal R _____ C	
<b>Full tracking and tracing/Volledige volg en spoor</b>			
Addressed to/Geadresseer aan ERIC NGXANGA ZE MOCANU DISTRICT MUNICIPALITY PRIVATE BAG X 6039 UPINGTON		Insured value of contents Versekerde waarde van inhoud R _____ C	
Enquiries/Navrae Toll-free number Tolvry nommer 0800 111 502		Initial of accepting officer _____ Date stamp 09 SEP 2015	
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 geregisterde briewe van toepassing.		Affix Track and Trace REGISTERED LETTER (with a domestic insurance option) RC 003 838 399 ZA A BOOK COPY Paraaf van aanneem-beampte	

<b>REGISTERED LETTER</b> <b>GEREGISTREERDE BRIEF</b>			
(with an insurance option/met 'n versekeringsopsie)		Postage paid R _____ C Service fee/Diensgeld R _____ C Insurance/Versekering R _____ C Total/Totaal R _____ C	
<b>Full tracking and tracing/Volledige volg en spoor</b>			
Addressed to/Geadresseer aan FRANKIE RUPING ZE MOCANU DISTRICT MUNICIPALITY		Insured value of contents Versekerde waarde van inhoud R _____ C	
Enquiries/Navrae Toll-free number Tolvry nommer 0800 111 502		Initial of accepting officer _____ Date stamp 09 SEP 2015	
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 geregisterde briewe van toepassing.		Affix Track and Trace REGISTERED LETTER (with a domestic insurance option) RC 003 838 399 ZA A BOOK COPY Paraaf van aanneem-beampte	

<b>REGISTERED LETTER</b> <b>GEREGISTREERDE BRIEF</b>			
(with an insurance option/met 'n versekeringsopsie)			
<b>Full tracking and tracing/Volledige volg en spoor</b>			
Addressed to/Geadresseer aan Mmatlala Rabothatha NATIONAL DEPT. OF ENV. AFFAIRS PRIVATE BAG X 447 PRETORIA		Postcode Postkode 0001	
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 binneplandse geregistreerde briewe van toepassing.			
Postage paid R _____ Service fee/Diensgeld R _____ Insurance/Versekering R _____ Total/Totaal R _____		Insured value of contents Versekerde waarde van inhoud R _____	
Enquiries/Navrae Toll-free number Tolvry nommer 0800 111 502		Initial of accepting officer	Date stamp 701281
Affix Track and Trace <b>REGISTERED LETTER</b> (with a domestic insurance option) Sherrill 0800 111 502 www.post.co.za RC 003 838 116 ZA		Paraaf van aaneem-beampte Datumstempel	
CUSTOMER COPY 301028R Klientatskrif		701281	

<b>REGISTERED LETTER</b> <b>GEREGISTREERDE BRIEF</b>			
(with an insurance option/met 'n versekeringsopsie)			
<b>Full tracking and tracing/Volledige volg en spoor</b>			
Addressed to/Geadresseer aan MUHAMMAD ESSOP NATIONAL DEPT. OF ENV. AFFAIRS PRIVATE BAG X 447 PRETORIA		Postcode Postkode 0002	
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 binneplandse geregistreerde briewe van toepassing.			
Postage paid R _____ Service fee/Diensgeld R _____ Insurance/Versekering R _____ Total/Totaal R _____		Insured value of contents Versekerde waarde van inhoud R _____	
Enquiries/Navrae Toll-free number Tolvry nommer 0800 111 502		Initial of accepting officer	Date stamp 701281
Affix Track and Trace <b>REGISTERED LETTER</b> (with a domestic insurance option) Sherrill 0800 111 502 www.post.co.za RC 069 404 804 ZA		Paraaf van aaneem-beampte Datumstempel	
CUSTOMER COPY 301028R Klientatskrif		701281	

<b>REGISTERED LETTER</b> <b>GEREGISTREERDE BRIEF</b>			
(with an insurance option/met 'n versekeringsopsie)			
<b>Full tracking and tracing/Volledige volg en spoor</b>			
Addressed to/Geadresseer aan AINEO MULEKO DEPT. OF ENV. AND NATURE CONSV. PRIVATE BAG X 6102 KIMBERLEY		Postcode Postkode 8300	
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 binneplandse geregistreerde briewe van toepassing.			
Postage paid R _____ Service fee/Diensgeld R _____ Insurance/Versekering R _____ Total/Totaal R _____		Insured value of contents Versekerde waarde van inhoud R _____	
Enquiries/Navrae Toll-free number Tolvry nommer 0800 111 502		Initial of accepting officer	Date stamp 701281
Affix Track and Trace <b>REGISTERED LETTER</b> (with a domestic insurance option) Sherrill 0800 111 502 www.post.co.za RC 069 404 821 ZA		Paraaf van aaneem-beampte Datumstempel	
A BOOK COPY Klientatskrif		701281	

<b>REGISTERED LETTER</b> <b>GEREGISTREERDE BRIEF</b>			
(with an insurance option/met 'n versekeringsopsie)			
<b>Full tracking and tracing/Volledige volg en spoor</b>			
Addressed to/Geadresseer aan A. YARI PROVINCIAL ENVIRONMENTAL AUTHORITY PRIVATE BAG X 6102 KIMBERLEY		Postcode Postkode 8300	
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 binneplandse geregistreerde briewe van toepassing.			
Postage paid R _____ Service fee/Diensgeld R _____ Insurance/Versekering R _____ Total/Totaal R _____		Insured value of contents Versekerde waarde van inhoud R _____	
Enquiries/Navrae Toll-free number Tolvry nommer 0800 111 502		Initial of accepting officer	Date stamp 701281
Affix Track and Trace <b>REGISTERED LETTER</b> (with a domestic insurance option) Sherrill 0800 111 502 www.post.co.za RC 069 404 835 ZA		Paraaf van aaneem-beampte Datumstempel	
A BOOK COPY Klientatskrif		701281	



<b>REGISTERED LETTER</b> <b>GEREGISTREERDE BRIEF</b>			
(with an insurance option/met 'n versekeringsopsie)		Postage paid R _____ C	Service fee/Diensgeld R _____ C
<b>Full tracking and tracing/Volledige volg en spoor</b>		Insurance/Versekering R _____ C	Total/Totaal R _____ C
Addressed to/Geadresseer aan H.T. SCHEPERS ✓ KHEIS MUNICIPALITY (MUNICIPAL MANAGER) PRIVATE BAG X 2 OLIVATE STREET 97		Insured value of contents Versekerde waarde van inhoud R _____ C	Enquiries/Navrae Toll-free number Tolvry nommer 0800 111 502
[Postcode] [Postcode]		Initial of accepting officer _____	Date stamp 09 SEP 2015
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 slegs op binnelandse geregistreerde briewe van toepassing.		RC 003 838 297 ZA A BOOK COPY klientafskrif	Paraaf van aaneem-beampte _____ Datumstempel _____

<b>REGISTERED LETTER</b> <b>GEREGISTREERDE BRIEF</b>			
(with an insurance option/met 'n versekeringsopsie)		Postage paid R _____ C	Service fee/Diensgeld R _____ C
<b>Full tracking and tracing/Volledige volg en spoor</b>		Insurance/Versekering R _____ C	Total/Totaal R _____ C
Addressed to/Geadresseer aan J.G. LATEGAN ✓ KAI-GAIS MUNICIPALITY (MUNICIPAL MANAGER) PRIVATE BAG X 6 KAKAMAS		Insured value of contents Versekerde waarde van inhoud R _____ C	Enquiries/Navrae Toll-free number Tolvry nommer 0800 111 502
[Postcode] [Postcode]		Initial of accepting officer _____	Date stamp 09 SEP 2015
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 slegs op binnelandse geregistreerde briewe van toepassing.		Affix Track and Trace REGISTERED LETTER (with a domestic insurance option) RC 003 838 306 ZA A BOOK COPY klientafskrif	Paraaf van aaneem-beampte _____ Datumstempel _____

<b>REGISTERED LETTER</b> <b>GEREGISTREERDE BRIEF</b>			
(with an insurance option/met 'n versekeringsopsie)		Postage paid R _____ C	Service fee/Diensgeld R _____ C
<b>Full tracking and tracing/Volledige volg en spoor</b>		Insurance/Versekering R _____ C	Total/Totaal R _____ C
Addressed to/Geadresseer aan MASHUQUI RANOMESZI ✓ DEPART. OF WATER AND SANITATION PRIVATE BAG X 5912 UPINGTON		Insured value of contents Versekerde waarde van inhoud R _____ C	Enquiries/Navrae Toll-free number Tolvry nommer 0800 111 502
[Postcode] [Postcode]		Initial of accepting officer _____	Date stamp 09 SEP 2015
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 slegs op binnelandse geregistreerde briewe van toepassing.		Affix Track and Trace REGISTERED LETTER (with a domestic insurance option) RC 003 838 345 ZA A BOOK COPY klientafskrif	Paraaf van aaneem-beampte _____ Datumstempel _____

<b>REGISTERED LETTER</b> <b>GEREGISTREERDE BRIEF</b>			
(with an insurance option/met 'n versekeringsopsie)		Postage paid R _____ C	Service fee/Diensgeld R _____ C
<b>Full tracking and tracing/Volledige volg en spoor</b>		Insurance/Versekering R _____ C	Total/Totaal R _____ C
Addressed to/Geadresseer aan MELINDA MEI ✓ DEPARTMENT OF WATER AND SANITATION PRIVATE BAG X 5912 UPINGTON		Insured value of contents Versekerde waarde van inhoud R _____ C	Enquiries/Navrae Toll-free number Tolvry nommer 0800 111 502
[Postcode] [Postcode]		Initial of accepting officer _____	Date stamp 09 SEP 2015
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 slegs op binnelandse geregistreerde briewe van toepassing.		Affix Track and Trace REGISTERED LETTER (with a domestic insurance option) RC 003 838 323 ZA A BOOK COPY klientafskrif	Paraaf van aaneem-beampte _____ Datumstempel _____

<b>REGISTERED LETTER</b> <b>GEREGISTREERDE BRIEF</b>			
(with an insurance option/met 'n versekeringsopsie)		Postage paid R _____ C Service fee/Diensgeld R _____ C Insurance/Versekering R _____ C Total/Totaal R _____ C	
<b>Full tracking and tracing/Volledige volg en spoor</b>			
Addressed to/Geadresseer aan SHALYN CLOTTE ✓ DEPARTMENT OF WATER AND SANITATION PRIVATE BAG X 5912 UPTON ✓		Insured value of contents Versekerde waarde van inhoud R _____ C	
8801 Postcode Postkode		Enquiries/Navrae Toll-free number Tolvry nommer 0800 111 502	Initial of accepting officer Date stamp 701281 POST OFFICE UPTON 7599 2015 Datumstempel
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.		Affix Track and Trace REGISTERED LETTER (with a domestic insurance option) RC 003 838 102 ZA A BOOK COPY	

<b>REGISTERED LETTER</b> <b>GEREGISTREERDE BRIEF</b>			
(with an insurance option/met 'n versekeringsopsie)		Postage paid R _____ C Service fee/Diensgeld R _____ C Insurance/Versekering R _____ C Total/Totaal R _____ C	
<b>Full tracking and tracing/Volledige volg en spoor</b>			
Addressed to/Geadresseer aan MANDIA NOZILI ✓ MINISTRY OF ENVIRONMENT AND NATURE PRIVATE BAG X 6120 KIMBERLEY ✓		Insured value of contents Versekerde waarde van inhoud R _____ C	
8301 Postcode Postkode		Enquiries/Navrae Toll-free number Tolvry nommer 0800 111 502	Initial of accepting officer Date stamp 701281 POST OFFICE KIMBERLEY 7599 2015 Datumstempel
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.		Affix Track and Trace REGISTERED LETTER (with a domestic insurance option) ShareCall 0800 111 502 www.spc.co.za RC 003 838 093 ZA CUSTOMER COPY 301028R KLIENTSKRIJF	

<b>REGISTERED LETTER</b> <b>GEREGISTREERDE BRIEF</b>			
(with an insurance option/met 'n versekeringsopsie)		Postage paid R _____ C Service fee/Diensgeld R _____ C Insurance/Versekering R _____ C Total/Totaal R _____ C	
<b>Full tracking and tracing/Volledige volg en spoor</b>			
Addressed to/Geadresseer aan SIBONELO MBANTJA ✓ PROVINCIAL DEPART. OF ENV. AND NATURE PRIVATE BAG X 6120 KIMBERLEY ✓		Insured value of contents Versekerde waarde van inhoud R _____ C	
8301 Postcode Postkode		Enquiries/Navrae Toll-free number Tolvry nommer 0800 111 502	Initial of accepting officer Date stamp 701281 POST OFFICE KIMBERLEY 7599 2015 Datumstempel
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.		Affix Track and Trace REGISTERED LETTER (with a domestic insurance option) ShareCall 0800 111 502 www.spc.co.za RC 003 838 120 ZA CUSTOMER COPY 301028R KLIENTSKRIJF	

<b>REGISTERED LETTER</b> <b>GEREGISTREERDE BRIEF</b>			
(with an insurance option/met 'n versekeringsopsie)		Postage paid R _____ C Service fee/Diensgeld R _____ C Insurance/Versekering R _____ C Total/Totaal R _____ C	
<b>Full tracking and tracing/Volledige volg en spoor</b>			
Addressed to/Geadresseer aan MASHUQU MARUBINI ✓ DEPART. OF AGRIC. FORESTRY AND FISHERIES PRIVATE BAG X 120 PRETORIA ✓		Insured value of contents Versekerde waarde van inhoud R _____ C	
0007 Postcode Postkode		Enquiries/Navrae Toll-free number Tolvry nommer 0800 111 502	Initial of accepting officer Date stamp 701281 POST OFFICE PRETORIA 7599 2015 Datumstempel
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.		Affix Track and Trace REGISTERED LETTER (with a domestic insurance option) RC 003 838 310 ZA A BOOK COPY Plate Volg-en-Spoor-klantekrif	

<b>REGISTERED LETTER</b> <b>GEREGISTREERDE BRIEF</b> (with an insurance option/met 'n versekeringsopsie)		Post Office	
<b>Full tracking and tracing/Volledige volg en spoor</b>		Postage paid R _____ C Service fee/Diensgeld R _____ C Insurance/Versekering R _____ C Total/Totaal R _____ C	
Addressed to/Geadresseer aan THOKO BUTHELEZI ✓ DEPART. OF AGRICUL., FORESTRY AND FIS. PRIVATE BAG X 120 PRETORIA 0001 Postcode Postkode		Insured value of contents Versekerde waarde van inhoud R _____ C Enquiries/Navrae Toll-free number Tolvry nommer 0800 111 502	Initial of accepting officer Date stamp S.A. POST OFFICE TELLENBOSCH 7599 09 SEP 2015 FOLIO 6
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 binne-landse geregistreerde briewe van toepassing.		Affix Track and Trace REGISTERED LETTER (with a domestic insurance option) RC 003 838 337 ZA A BOOK COPY	Paraaf van aanneembamp Datumstempel

<b>REGISTERED LETTER</b> <b>GEREGISTREERDE BRIEF</b> (with an insurance option/met 'n versekeringsopsie)		Post Office	
<b>Full tracking and tracing/Volledige volg en spoor</b>		Postage paid R _____ C Service fee/Diensgeld R _____ C Insurance/Versekering R _____ C Total/Totaal R _____ C	
Addressed to/Geadresseer aan S. NIKAKAS ✓ DEPART. OF AGRICUL., FORESTRY AND FIS. PRIVATE BAG X 120 PRETORIA 0001 Postcode Postkode		Insured value of contents Versekerde waarde van inhoud R _____ C Enquiries/Navrae Toll-free number Tolvry nommer 0800 111 502	Initial of accepting officer Date stamp S.A. POST OFFICE TELLENBOSCH 7599 09 SEP 2015
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 binne-landse geregistreerde briewe van toepassing.		REGISTERED LETTER (with a domestic insurance option) ShareCall 0800 111 502 www.sapp.co.za RC 003 838 147 ZA CUSTOMER COPY 301028R kliëntatskrif	Paraaf van aanneembamp Datumstempel

<b>REGISTERED LETTER</b> <b>GEREGISTREERDE BRIEF</b> (with an insurance option/met 'n versekeringsopsie)		Post Office	
<b>Full tracking and tracing/Volledige volg en spoor</b>		Postage paid R _____ C Service fee/Diensgeld R _____ C Insurance/Versekering R _____ C Total/Totaal R _____ C	
Addressed to/Geadresseer aan ANNELIZA COLLETT ✓ DEPART. OF AGRICUL., FORESTRY AND FIS. PRIVATE BAG X 120 PRETORIA 0001 Postcode Postkode		Insured value of contents Versekerde waarde van inhoud R _____ C Enquiries/Navrae Toll-free number Tolvry nommer 0800 111 502	Initial of accepting officer Date stamp S.A. POST OFFICE TELLENBOSCH 7599 09 SEP 2015
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 binne-landse geregistreerde briewe van toepassing.		Affix Track and Trace REGISTERED LETTER (with a domestic insurance option) RC 003 838 178 ZA A BOOK COPY kliëntatskrif	Paraaf van aanneembamp Datumstempel

<b>REGISTERED LETTER</b> <b>GEREGISTREERDE BRIEF</b> (with an insurance option/met 'n versekeringsopsie)		Post Office	
<b>Full tracking and tracing/Volledige volg en spoor</b>		Postage paid R _____ C Service fee/Diensgeld R _____ C Insurance/Versekering R _____ C Total/Totaal R _____ C	
Addressed to/Geadresseer aan JACQUELINE MONS ✓ DEPART. OF AGRICUL., FORESTRY AND FIS. P.O. BOX 2782 UPINGTON 8800 Postcode Postkode		Insured value of contents Versekerde waarde van inhoud R _____ C Enquiries/Navrae Toll-free number Tolvry nommer 0800 111 502	Initial of accepting officer Date stamp S.A. POST OFFICE TELLENBOSCH 7599 09 SEP 2015 FOLIO 6
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 binne-landse geregistreerde briewe van toepassing.		REGISTERED LETTER (with a domestic insurance option) RC 003 838 059 ZA A BOOK COPY volle volg-en-Spoor-kliëntatskrif	Paraaf van aanneembamp Datumstempel

<b>REGISTERED LETTER</b> <b>GEREGISTREERDE BRIEF</b>			
(with an insurance option/met 'n versekeringsopsie)		Postage paid R _____ C Service fee/Diensgeld R _____ C Insurance/Versekering R _____ C Total/Totaal R _____ C	
<b>Full tracking and tracing/Volledige volg en spoor</b>			
Addressed to/Geadresseer aan P. J. J. VAN RENSBURG ✓ AGRI NORTHERN CAPE P.O. Box 1094 Kimberley.		Insured value of contents Versekerde waarde van inhoud R _____ C Enquiries/Navrae Toll-free number Tolvry nommer 0800 111 502	
Postcode 8300		Initial of accepting officer Date stamp S.A. POST OFFICE STELLENBOSCH 7599 09 SEP 2015 FOLIO 6	
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.			
RC 003 838 133 ZA A BOOK COPY kliëntatskriif		Paraaf van aaneem-beampte Datumstempel	

<b>REGISTERED LETTER</b> <b>GEREGISTREERDE BRIEF</b>			
(with an insurance option/met 'n versekeringsopsie)		Postage paid R _____ C Service fee/Diensgeld R _____ C Insurance/Versekering R _____ C Total/Totaal R _____ C	
<b>Full tracking and tracing/Volledige volg en spoor</b>			
Addressed to/Geadresseer aan H. MyBURGH ✓ AGRI NORTHERN CAPE P.O. Box 1094 Kimberley		Insured value of contents Versekerde waarde van inhoud R _____ C Enquiries/Navrae Toll-free number Tolvry nommer 0800 111 502	
Postcode 8300		Initial of accepting officer Date stamp S.A. POST OFFICE STELLENBOSCH 7599 09 SEP 2015 FOLIO 6	
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.			
RC 003 838 181 ZA A BOOK COPY kliëntatskriif		Paraaf van aaneem-beampte Datumstempel	

<b>REGISTERED LETTER</b> <b>GEREGISTREERDE BRIEF</b>			
(with an insurance option/met 'n versekeringsopsie)		Postage paid R _____ C Service fee/Diensgeld R _____ C Insurance/Versekering R _____ C Total/Totaal R _____ C	
<b>Full tracking and tracing/Volledige volg en spoor</b>			
Addressed to/Geadresseer aan ADRIAN TIDLAPY ✓ SKA SA (HEAD STRATEGY) 17 BAKER STREET, ROSEBANK JOHANNESBURG		Insured value of contents Versekerde waarde van inhoud R _____ C Enquiries/Navrae Toll-free number Tolvry nommer 0800 111 502	
Postcode 2196		Initial of accepting officer Date stamp S.A. POST OFFICE STELLENBOSCH 7599 09 SEP 2015 FOLIO 6	
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.			
RC 003 838 371 ZA A BOOK COPY kliëntatskriif		Paraaf van aaneem-beampte Datumstempel	

<b>REGISTERED LETTER</b> <b>GEREGISTREERDE BRIEF</b>			
(with an insurance option/met 'n versekeringsopsie)		Postage paid R _____ C Service fee/Diensgeld R _____ C Insurance/Versekering R _____ C Total/Totaal R _____ C	
<b>Full tracking and tracing/Volledige volg en spoor</b>			
Addressed to/Geadresseer aan MARINA LOURENS ✓ TRANSNET FREIGHT RAIL PRIVATE BAG X11 VREDEBURG		Insured value of contents Versekerde waarde van inhoud R _____ C Enquiries/Navrae Toll-free number Tolvry nommer 0800 111 502	
Postcode 7379		Initial of accepting officer Date stamp S.A. POST OFFICE STELLENBOSCH 7599 09 SEP 2015 FOLIO 6	
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.			
RC 003 838 354 ZA A BOOK COPY kliëntatskriif		Paraaf van aaneem-beampte Datumstempel	

<b>REGISTERED LETTER</b> <b>GEREGISTREERDE BRIEF</b> (with an insurance option/met 'n versekeringsopsie)		Post Office	
Full tracking and tracing/Volledige volg en spoor		Postage paid R _____ C Service fee/Diensgeld R _____ C Insurance/Versekering R _____ C Total/Totaal R _____ C	
Addressed to/Geadresseer aan GILBERT NOETER TRANSNET FREIGHT RAIL PRIVATE BAG XII VOOENBURG 7380 Postcode		Insured value of contents Versekerde waarde van inhoud R _____ C	
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.		Enquiries/Navrae Toll-free number Tolvry nommer 0800 111 502	
		Initial of accepting officer STELLENBOSCH 7599 09 SEP 2015 Datumstempel	
		Affix Track and Trace REGISTERED LETTER (with a domestic insurance option) RC 003 838 080 ZA A BOOK COPY Paraaf van aaneem-beampte Klientatskriet	

<b>REGISTERED LETTER</b> <b>GEREGISTREERDE BRIEF</b> (with an insurance option/met 'n versekeringsopsie)		Post Office	
Full tracking and tracing/Volledige volg en spoor		Postage paid R _____ C Service fee/Diensgeld R _____ C Insurance/Versekering R _____ C Total/Totaal R _____ C	
Addressed to/Geadresseer aan THE DIRECTOR DEPARTMENT OF ENERGY Northern Cape PRIVATE BAG X 6095 KIMBERLEY 8300 Postcode		Insured value of contents Versekerde waarde van inhoud R _____ C	
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.		Enquiries/Navrae Toll-free number Tolvry nommer 0800 111 502	
		Initial of accepting officer S.A. POST OFFICE STELLENBOSCH 09 SEP 2015 Datumstempel	
		Affix Track and Trace REGISTERED LETTER (with a domestic insurance option) RC 003 838 385 ZA A BOOK COPY Klientatskriet	

<b>REGISTERED LETTER</b> <b>GEREGISTREERDE BRIEF</b> (with an insurance option/met 'n versekeringsopsie)		Post Office	
Full tracking and tracing/Volledige volg en spoor		Postage paid R _____ C Service fee/Diensgeld R _____ C Insurance/Versekering R _____ C Total/Totaal R _____ C	
Addressed to/Geadresseer aan SIMON GEAR BIRDLIFE SOUTH AFRICA P.O. BOX 515 RANBURG 2790 Postcode		Insured value of contents Versekerde waarde van inhoud R _____ C	
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.		Enquiries/Navrae Toll-free number Tolvry nommer 0800 111 502	
		Initial of accepting officer POST OFFICE STELLENBOSCH 7599 09 SEP 2015 Datumstempel	
		Affix Track and Trace REGISTERED LETTER (with a domestic insurance option) RC 003 838 368 ZA A BOOK COPY	

<b>REGISTERED LETTER</b> <b>GEREGISTREERDE BRIEF</b> (with an insurance option/met 'n versekeringsopsie)		Post Office	
Full tracking and tracing/Volledige volg en spoor		Postage paid R _____ C Service fee/Diensgeld R _____ C Insurance/Versekering R _____ C Total/Totaal R _____ C	
Addressed to/Geadresseer aan LABA BALO NTSOLO C.A.P.E Co-ordination Unit: Northern C PRIVATE BAG X 7 CLAREMONT 7735 Postcode		Insured value of contents Versekerde waarde van inhoud R _____ C	
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.		Enquiries/Navrae Toll-free number Tolvry nommer 0800 111 502	
		Initial of accepting officer 09 SEP 2015 Datumstempel	
		Affix Track and Trace REGISTERED LETTER (with a domestic insurance option) RC 003 838 155 ZA A BOOK COPY Klientatskriet	

<b>REGISTERED LETTER</b> <b>GEREGISTREERDE BRIEF</b>			
(with an insurance option/met 'n versekeringsopsie)		Postage paid R _____ c Service fee/Diensgeld R _____ c Insurance/Versekering R _____ c Total/Totaal R _____ c	
<b>Full tracking and tracing/Volledige volg en spoor</b>			
Addressed to/Geadresseer aan <i>DAVID HOWARDS HENDRICKS</i>		Insured value of contents Versekerde waarde van inhoud R _____ c	
[ ] [ ] [ ] [ ] Postcode Postkode		Enquiries/Navrae Toll-free number Tolvry nommer <b>0800 111 502</b>	Initial of accepting officer  Date stamp
<small>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.</small> <small>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.</small>		Affix Track and Trace customer copy Plate Volg-en-Spoor-klientatskrif	Paraaf van aaneem-beampte  Datumstempel

<b>REGISTERED LETTER</b> <b>GEREGISTREERDE BRIEF</b>			
(with an insurance option/met 'n versekeringsopsie)		Postage paid R _____ c Service fee/Diensgeld R _____ c Insurance/Versekering R _____ c Total/Totaal R _____ c	
<b>Full tracking and tracing/Volledige volg en spoor</b>			
Addressed to/Geadresseer aan <i>DR. HOWARD HENDRICKS</i> ✓ <i>SOUTH AFRICAN NAT. PARKS</i> <i>P.O. Box 787</i> <i>PRETORIA</i>		Insured value of contents Versekerde waarde van inhoud R _____ c	
[0] [0] [0] [7] Postcode Postkode		Enquiries/Navrae Toll-free number Tolvry nommer <b>0800 111 502</b>	Initial of accepting officer  Date stamp SA POST OFFICE STELLENBOS 7590 09 SEP 2015 FOLIO 6
<small>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.</small> <small>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.</small>		Affix Track and Trace customer copy REGISTERED LETTER (with a domestic insurance option) RC 003 838 164 ZA A BOOK COPY	Paraaf van aaneem-beampte  Datumstempel

<b>REGISTERED LETTER</b> <b>GEREGISTREERDE BRIEF</b>			
(with an insurance option/met 'n versekeringsopsie)		Postage paid R _____ c Service fee/Diensgeld R _____ c Insurance/Versekering R _____ c Total/Totaal R _____ c	
<b>Full tracking and tracing/Volledige volg en spoor</b>			
Addressed to/Geadresseer aan <i>RUDOLPH GEORGER</i> ✓ <i>P.O. BOX 41</i> <i>KEIMOS</i>		Insured value of contents Versekerde waarde van inhoud R _____ c	
[8] [8] [6] [0] Postcode Postkode		Enquiries/Navrae Toll-free number Tolvry nommer <b>0800 111 502</b>	Initial of accepting officer  Date stamp SA POST OFFICE STELLENBOS 7590 09 SEP 2015 FOLIO 6
<small>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.</small> <small>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.</small>		Affix Track and Trace customer copy REGISTERED LETTER (with a domestic insurance option) RC 069 404 866 ZA A BOOK COPY klientatskrif	Paraaf van aaneem-beampte  Datumstempel

<b>REGISTERED LETTER</b> <b>GEREGISTREERDE BRIEF</b>			
(with an insurance option/met 'n versekeringsopsie)		Postage paid R _____ c Service fee/Diensgeld R _____ c Insurance/Versekering R _____ c Total/Totaal R _____ c	
<b>Full tracking and tracing/Volledige volg en spoor</b>			
Addressed to/Geadresseer aan <i>ERNEST CONNAN</i> ✓ <i>ERNEST CONNAN TRUST</i> <i>P.O. BOX 290</i> <i>UPINGTON</i>		Insured value of contents Versekerde waarde van inhoud R _____ c	
[8] [8] [0] [0] Postcode Postkode		Enquiries/Navrae Toll-free number Tolvry nommer <b>0800 111 502</b>	Initial of accepting officer  Date stamp SA POST OFFICE STELLENBOS 7590 09 SEP 2015 FOLIO 6
<small>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.</small> <small>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.</small>		Affix Track and Trace customer copy REGISTERED LETTER (with a domestic insurance option) RC 069 404 870 ZA A BOOK COPY klientatskrif	Paraaf van aaneem-beampte  Datumstempel

<b>REGISTERED LETTER GEREGISTREERDE BRIEF</b>		<b>Post Office</b>	
<i>(with an insurance option/met 'n versekeringsopsie)</i>		Postage paid R _____ C	
<b>Full tracking and tracing/Volledige volg en spoor</b>		Service fee/Diensgeld R _____ C	
Addressed to/Geadresseer aan		Insurance/Versekering R _____ C	
JONAN STEENKAMP ✓		Total/Totaal R _____ C	
TJUS STEENKAMP TRUST		Insured value of contents Versekerde waarde van inhoud R _____ C	
P.O. BOX 3267		Enquiries/Navrae	
WAGINGTON 8800 Postcode Postkode		Toll-free number Tollvry nommer	
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.		Initial of accepting officer Date stamp	
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.		SA POST OFFICE ELLENBOSCH 7599	
		09 SEP 2015	
		FOLIO 6	
		Paraaf van aaneem-beampte Datumstempel	
		A BOOK COPY	

<b>REGISTERED LETTER GEREGISTREERDE BRIEF</b>		<b>Post Office</b>	
<i>(with an insurance option/met 'n versekeringsopsie)</i>		Postage paid R _____ C	
<b>Full tracking and tracing/Volledige volg en spoor</b>		Service fee/Diensgeld R _____ C	
Addressed to/Geadresseer aan		Insurance/Versekering R _____ C	
MPHO MONTAI ✓		Total/Totaal R _____ C	
NATIONAL DEPART. OF ENVR. AFFAIRS		Insured value of contents Versekerde waarde van inhoud R _____ C	
AUTHORISATIONS		Enquiries/Navrae	
PRIVATE BAG 444 000V Postcode Postkode		Toll-free number Tollvry nommer	
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.		Initial of accepting officer Date stamp	
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.		SA POST OFFICE TELLENBOSCH 7599	
		09 SEP 2015	
		FOLIO 6	
		Paraaf van aaneem-beampte Datumstempel	
		A BOOK COPY	

<b>REGISTERED LETTER GEREGISTREERDE BRIEF</b>		<b>Post Office</b>	
<i>(with an insurance option/met 'n versekeringsopsie)</i>		Postage paid R _____ C	
<b>Full tracking and tracing/Volledige volg en spoor</b>		Service fee/Diensgeld R _____ C	
Addressed to/Geadresseer aan		Insurance/Versekering R _____ C	
MS ENELCE GILDENHUIS ✓		Total/Totaal R _____ C	
MAINSTREAM RENEWABLE POWER		Insured value of contents Versekerde waarde van inhoud R _____ C	
SOUTH AFRICA (PTY) LTD		Enquiries/Navrae	
P.O. BOX 45063 Postcode Postkode		Toll-free number Tollvry nommer	
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.		Initial of accepting officer Date stamp	
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.		SA POST OFFICE ELLENBOSCH 7599	
		11 SEP 2015	
		FOLIO 3	
		Paraaf van aaneem-beampte Datumstempel	
		CUSTOMER COPY	

<b>REGISTERED LETTER GEREGISTREERDE BRIEF</b>		<b>Post Office</b>	
<i>(with an insurance option/met 'n versekeringsopsie)</i>		Postage paid R _____ C	
<b>Full tracking and tracing/Volledige volg en spoor</b>		Service fee/Diensgeld R _____ C	
Addressed to/Geadresseer aan		Insurance/Versekering R _____ C	
Ms. RELEHILE MOTLHALE ✓		Total/Totaal R _____ C	
TSEKGOLO LOCAL MUNICIPALITY		Insured value of contents Versekerde waarde van inhoud R _____ C	
Municipal Member		Enquiries/Navrae	
PRIVATE BAG 446 Postcode Postkode		Toll-free number Tollvry nommer	
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.		Initial of accepting officer Date stamp	
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.		SA POST OFFICE STELLENBOSCH 7599	
		11 SEP 2015	
		FOLIO 3	
		Paraaf van aaneem-beampte Datumstempel	
		CUSTOMER COPY	

**Proof of registered mail**

<b>REGISTERED LETTER</b> <b>GEREGISTREERDE BRIEF</b> (with an insurance option/met 'n versekeringsopsie)		Post Office	
Full tracking and tracing/Volledige volg en spoor		Postage paid R _____ Service fee/Diensgeld R _____ Insurance/Versekering R _____ Total/Totaal R _____	
Addressed to/Geadresseer aan Ali Dikeme Agriculture, Land Reform Rural Development Private Bag 5018 Kimberley 8300		Insured value of contents Versekerde waarde van inhoud R _____	
Enquiries/Navrae Toll-free number Tolvry nommer 0800 111 502		Initial of accepting officer _____ Date stamp S.A. POST OFFICE STELLENBOSCH 7599 09 SEP 2015 FOLIO 5	
Affix Track and Trace <b>REGISTERED LETTER</b> (with a domestic insurance option) RC 003 838 266 ZA A BOOK COPY		Paraaf van aaneem-beampte _____	
The value of the contents of this letter is not payable for a letter received without documentary proof. Compensation is limited to R100.00. No compensation is payable without documentary proof. Oplewingskade tot R100.00 is beskikbaar en is slegs op dokumentêre bewys van toepassing. Die waarde van die inhoud van hierdie brief is slegs betaalbaar as slegs op dokumentêre bewys van toepassing.		701281	
<b>REGISTERED LETTER</b> <b>GEREGISTREERDE BRIEF</b> (with an insurance option/met 'n versekeringsopsie)		Post Office	
Full tracking and tracing/Volledige volg en spoor		Postage paid R _____ Service fee/Diensgeld R _____ Insurance/Versekering R _____ Total/Totaal R _____	
Addressed to/Geadresseer aan Pieter Buys National Energy Regul of South (NERSA) P.O. Box 40343 0007		Insured value of contents Versekerde waarde van inhoud R _____	
Enquiries/Navrae Toll-free number Tolvry nommer 0800 111 502		Initial of accepting officer _____ Date stamp S.A. POST OFFICE STELLENBOSCH 7599 09 SEP 2015 FOLIO 5	
Affix Track and Trace <b>REGISTERED LETTER</b> (with a domestic insurance option) RC 003 838 411 ZA CUSTOMER COPY 301028R KUNTEKOPIE		Paraaf van aaneem-beampte _____	
The value of the contents of this letter is not payable for a letter received without documentary proof. Compensation is limited to R100.00. No compensation is payable without documentary proof. Oplewingskade tot R100.00 is beskikbaar en is slegs op dokumentêre bewys van toepassing. Die waarde van die inhoud van hierdie brief is slegs betaalbaar as slegs op dokumentêre bewys van toepassing.		701281	
<b>REGISTERED LETTER</b> <b>GEREGISTREERDE BRIEF</b> (with an insurance option/met 'n versekeringsopsie)		Post Office	
Full tracking and tracing/Volledige volg en spoor		Postage paid R _____ Service fee/Diensgeld R _____ Insurance/Versekering R _____ Total/Totaal R _____	
Addressed to/Geadresseer aan IA Bulane Department of Public Work, Roads and Trans P.O. Box 3132 Kimberley		Insured value of contents Versekerde waarde van inhoud R _____	
Enquiries/Navrae Toll-free number Tolvry nommer 0800 111 502		Initial of accepting officer _____ Date stamp S.A. POST OFFICE STELLENBOSCH 7599 09 SEP 2015 FOLIO 5	
Affix Track and Trace <b>REGISTERED LETTER</b> (with a domestic insurance option) RC 003 838 439 ZA CUSTOMER COPY 301028R KUNTEKOPIE		Paraaf van aaneem-beampte _____	
The value of the contents of this letter is not payable for a letter received without documentary proof. Compensation is limited to R100.00. No compensation is payable without documentary proof. Oplewingskade tot R100.00 is beskikbaar en is slegs op dokumentêre bewys van toepassing. Die waarde van die inhoud van hierdie brief is slegs betaalbaar as slegs op dokumentêre bewys van toepassing.		701281	
<b>REGISTERED LETTER</b> <b>GEREGISTREERDE BRIEF</b> (with an insurance option/met 'n versekeringsopsie)		Post Office	
Full tracking and tracing/Volledige volg en spoor		Postage paid R _____ Service fee/Diensgeld R _____ Insurance/Versekering R _____ Total/Totaal R _____	
Addressed to/Geadresseer aan Denier Van Heerden Department of Public Road and Transport P.O. Box 3132 Kimberley		Insured value of contents Versekerde waarde van inhoud R _____	
Enquiries/Navrae Toll-free number Tolvry nommer 0800 111 502		Initial of accepting officer _____ Date stamp S.A. POST OFFICE STELLENBOSCH 7599 09 SEP 2015 FOLIO 5	
Affix Track and Trace <b>REGISTERED LETTER</b> (with a domestic insurance option) RC 003 838 221 ZA CUSTOMER COPY 301028R		Paraaf van aaneem-beampte _____	
The value of the contents of this letter is not payable for a letter received without documentary proof. Compensation is limited to R100.00. No compensation is payable without documentary proof. Oplewingskade tot R100.00 is beskikbaar en is slegs op dokumentêre bewys van toepassing. Die waarde van die inhoud van hierdie brief is slegs betaalbaar as slegs op dokumentêre bewys van toepassing.		701281	



<b>REGISTERED LETTER</b> <b>GEREGISTREERDE BRIEF</b>		<b>Post Office</b>	
<i>(with an insurance option/met 'n versekeringsopsie)</i>		Postage paid R _____ Service fee/Diensgeld R _____ Insurance/Versekering R _____ <b>Total/Totaal R _____</b>	
<b>Full tracking and tracing/Volledige volg en spoor</b>		Insured value of contents Versekerde waarde van inhoud R _____	
Addressed to/Geadresseer aan Rene de Kock South African Roads Agency Northern Cape Western Road Private Bag 19 _____ Kimberley _____ Postcode-Postkode _____		Enquiries/Navrae Toll-free number Tolvry nommer <b>0800 111 502</b>	
The value of the contents of this letter is indicated and compensation is not payable for a letter received unless accompanied by 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 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 slegs op binnelandse geregistreerde briewe van toepassing.		Affix Track and Trace <b>REGISTERED LETTER</b> <i>(with a domestic insurance option)</i> RC 003 838 270 ZA <b>A BOOK COPY</b>	
		Initial of accepting officer _____ Date stamp STELLENBOSCH 09 SEP 2015 FOLIO 6	
<b>REGISTERED LETTER</b> <b>GEREGISTREERDE BRIEF</b>		<b>Post Office</b>	
<i>(with an insurance option/met 'n versekeringsopsie)</i>		Postage paid R _____ Service fee/Diensgeld R _____ Insurance/Versekering R _____ <b>Total/Totaal R _____</b>	
<b>Full tracking and tracing/Volledige volg en spoor</b>		Insured value of contents Versekerde waarde van inhoud R _____	
Addressed to/Geadresseer aan M. Wepheane Department of Labour Private Bag 5012 Kimberley _____ Postcode-Postkode _____		Enquiries/Navrae Toll-free number Tolvry nommer <b>0800 111 502</b>	
The value of the contents of this letter is indicated and compensation is not payable for a letter received unless accompanied by 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 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 slegs op binnelandse geregistreerde briewe van toepassing.		Affix Track and Trace <b>REGISTERED LETTER</b> <i>(with a domestic insurance option)</i> RC 003 838 204 ZA <b>A BOOK COPY</b>	
		Initial of accepting officer _____ Date stamp STELLENBOSCH 09 SEP 2015 FOLIO 6	
<b>REGISTERED LETTER</b> <b>GEREGISTREERDE BRIEF</b>		<b>Post Office</b>	
<i>(with an insurance option/met 'n versekeringsopsie)</i>		Postage paid R _____ Service fee/Diensgeld R _____ Insurance/Versekering R _____ <b>Total/Totaal R _____</b>	
<b>Full tracking and tracing/Volledige volg en spoor</b>		Insured value of contents Versekerde waarde van inhoud R _____	
Addressed to/Geadresseer aan A. Bates Department of Social Development Private Bag 5042 Kimberley _____ Postcode-Postkode _____		Enquiries/Navrae Toll-free number Tolvry nommer <b>0800 111 502</b>	
The value of the contents of this letter is indicated and compensation is not payable for a letter received unless accompanied by 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 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 slegs op binnelandse geregistreerde briewe van toepassing.		Affix Track and Trace customer code <b>REGISTERED LETTER</b> <i>(with a domestic insurance option)</i> RC 003 838 235 ZA <b>A BOOK COPY</b>	
		Initial of accepting officer _____ Date stamp STELLENBOSCH 09 SEP 2015 FOLIO 6	
<b>REGISTERED LETTER</b> <b>GEREGISTREERDE BRIEF</b>		<b>Post Office</b>	
<i>(with an insurance option/met 'n versekeringsopsie)</i>		Postage paid R _____ Service fee/Diensgeld R _____ Insurance/Versekering R _____ <b>Total/Totaal R _____</b>	
<b>Full tracking and tracing/Volledige volg en spoor</b>		Insured value of contents Versekerde waarde van inhoud R _____	
Addressed to/Geadresseer aan Riaan Marie Northern Cape Economic Development Agency 224 Dutoitspan Road Kimberley _____ Postcode-Postkode _____		Enquiries/Navrae Toll-free number Tolvry nommer <b>0800 111 502</b>	
The value of the contents of this letter is indicated and compensation is not payable for a letter received unless accompanied by 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 aangedui en vergoeding is nie betaalbaar 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 slegs op binnelandse geregistreerde briewe van toepassing.		Affix Track and Trace <b>REGISTERED LETTER</b> <i>(with a domestic insurance option)</i> RC 003 838 235 ZA <b>A BOOK COPY</b>	
		Initial of accepting officer _____ Date stamp STELLENBOSCH 09 SEP 2015 FOLIO 6	

**Emails sent to all I&APs on 9 September 2015 (English and Afrikaans)**

**From:** Minnelise Levendal  
**To:**  
**BC** Clive.Stephenson@transnet.net; CloeteS@dws.gov.za; GeerinJH@eskom.co.za; Gilbert.Nortier@transnet.net; HaarhL@eskom.co.za; JacquelineMa@daff.gov.za; LeaskK@eskom.co.za; MRabothata@environment.gov.za; Marina.Lourens@transnet.net; Mayvyn.Bhana@transnet.net; Meim@dwa.gov.za; Minnelise Levendal; ThokoB@daff.gov.za; WyngaaJO@eskom.co.za; aditeme@agri.ncape.gov.za; admin@grasslands.org.za; advocacy@birdlife.org.za; andre.vanniekerk10@gmail.com/ kraaines@mweb.co.za; annelizac@nda.agric.za; atiplady@ska.ac.za; boozahunter@yahoo.com; ernest.connan@donco.co.za; fpr@bodr.gov.za; hendri@aheadtrading.co.za; howard.hendricks@sanparks.org; howard.hendricks@sanparks.org; jhjs@webmail.co.za; klawrence@trpw.ncape.gov.za; lntsolo@sanbi.org.za; mashuduma@daff.gov.za; messop@environment.gov.za; mm@kaigarib.gov.za; mmathews@ncpg.gov.za; mndzilili@ncpg.gov.za; monica.lepheane@labour.gov.za; ncagric@worldonline.co.za; ontvang@agric.co.za; nhlakad@daff.gov.za; nyaphi@ncpg.gov.za; peter.buys@nersa.org.za; ratha.timothy@gmail.com; rwarie@ncpg.gov.za; sb@siyanda.gov.za; sdelafontaine@gmail.com; sharon@nocco.co.za; smbajwa@ncpg.gov.za; straussdj@orientis.co.za/ ameliastraus2@gmail.com; strohl@caa.co.za; teresascheepers@vodamail.co.za; waltjc@nra.co.za; wep@ewt.org.za  
**Date:** 09/09/2015 16:00  
**Subject:** Notice of EIA Process for Mulilo - Solar PV Facilities and Associated Electrical Infrastructure, Northern Cape  
**Attachments:** Mulilo Solar PV BID\_Eng\_BID\_A4\_8 PAGES.pdf; CSIR Letter 1 to I&APs\_MuliloSolar NC\_BID 90915.pdf; Comment and Response Form\_Mulilo BID\_NC.pdf

Dear Stakeholders and Interested and Affected Parties

Notice of scoping and environmental impact Assessment for the Proposed development of seven Solar Photovoltaic Facilities AND ASSOCIATED ELECTRICAL INFRASTRUCTURE FOR MULILO RENEWABLE PROJECT DEVELOPMENTS (pTY) LTD, north-east of Kenhardt, Northern Cape Province

Competent Authority: National Department of Environmental Affairs

csir reference: EMS0106/MULILO/2015

This e-mail correspondence serves to inform you of the initiation of a Scoping and Environmental Impact Assessment (EIA) Process for the above-mentioned proposed project, located approximately 30 km north-east of Kenhardt within the !Kheis Local Municipality, Northern Cape Province. The Project Applicant is Mulilo Renewable Project Developments (Pty) Ltd (hereinafter referred to as "Mulilo"). The CSIR has been appointed by Mulilo to undertake the required Scoping and EIA Process.

A full Scoping and EIA Process is required for the development of seven 75 Megawatt (MW) Solar Photovoltaic (PV) or Concentrated Photovoltaic (CPV) Solar power generation facilities and associated electrical infrastructure (132 kV transmission lines for each 75 MW facility), on Portions 3 and 8 of Gemsbok Bult Farm 120 and the Remaining extent of Boven Rugzeer Farm 169. Two of the projects will be located on Portion 3-, two projects on Portion 8 of Gemsbok Bult Farm 120 and three projects on the Remaining Extent of Boven Rugzeer Farm 169. Each 75 MW Solar PV facility proposed will cover an approximate area of 200 hectares (ha) with a collective footprint of approximately 1 400 ha and a combined power generation capacity of 525 MW. The proposed projects will entail the construction of the solar field, buildings, electrical infrastructure, internal access roads, and associated infrastructure and structures.

The proposed 75 MW Solar PV facilities and transmission lines are located within the same geographical area and constitute the same type of activity; hence an integrated Public Participation Process will be undertaken. However, separate Applications for Environmental Authorisation will be lodged with the National Department of Environmental Affairs (DEA) for each proposed 75 MW Solar PV facility and transmission line. The projects and locations are listed below:

- No  
Solar PV Project  
Project Site
- 1  
Gemsbok Solar PV3  
Portion 3 of Gemsbok Bult 120
  - 2  
Gemsbok Solar PV4  
Portion 3 of Gemsbok Bult 120
  - 3  
Gemsbok Solar PV5  
Portion 8 of Gemsbok Bult 120

4

Gemsbok Solar PV6  
Portion 8 of Gemsbok Bult 120

5  
Boven Solar PV2  
Remaining Extent of Boven Rugzeer 169

6  
Boven Solar PV3  
Remaining Extent of Boven Rugzeer 169

7  
Boven Solar PV4  
Remaining Extent of Boven Rugzeer 169

The proposed projects are being assessed in terms of the National Environmental Management Act (Act 107 of 1998), as amended (NEMA), and the NEMA EIA Regulations, published in Government Notice (GN) R982, R983, R984 and R985 on 8 December 2014.

Please find attached the following:

- Background Information Document (BID);
- Letter 1 to Interested & Affected Parties (I&APs); and
- Comment and Registration Form.

The BID, which provides an overview of the proposed project, is being released to Stakeholders and I&APs for a 30-day comment period ending on 10 October 2015.

In addition, the above-mentioned project information can be accessed at the following website:  
<http://www.csir.co.za/eia/MuliloSolar>

Kindly ensure that all comments are submitted to the CSIR Project Manager (details provided below) by no later than 10 October 2015.

Thank you and kind regards,

Minnelise Levendal

CSIR - Environmental Management Services  
P. O. Box 320, Stellenbosch, 7599  
Tel: 021 888 2495/2661  
Fax: 021 888 2693  
Email: [mlevendal@csir.co.za](mailto:mlevendal@csir.co.za)

---

Beste Belanghebbende en Geïnteresseerde Party

KENNISGEWING VAN OMGEWINGSIMPAKEVALUERINGSPROSESSE VIR DIE VOORGESTELDE ONTWIKKELING VAN SEWE SONKRAGAAANLEGTE EN ELEKTRIESE INFRASTRUKTUUR VIR 'MULILO RENEWABLE PROJECT DEVELOPMENTS (pTY) LTD' NOORD-OOS VAN KENHARDT, NOORD- KAAP PROVINSIE

Bevoegde Owerheid: Die Nasionale Departement van Omgewingsake

WNNR/CSIR verwysingsnommer: EMS0106/MULILO/2015

Hierdie e-pos korrespondensie is om u in kennis te stel van die aanvang van die Bestek en Omgewingsimpakevalueringproses vir die bogenoemde projekte, wat 30 km noord-oos van Kenhardt in die !Kheis munisipaliteit voorgestel word. Die Aansoeker vir die projek is Mulilo Renewable Project Developments (Pty) Ltd ("Mulilo"). Die WNNR is aangestel deur Mulilo om die Bestek en Omgewingsimpakevalueringproses vir die bogenoemde projekte te onderneem.

'n Bestek en Omgewingsimpakevalueringproses word vereis vir elk van die sewe Fotovoltaïese (PV) sonkragfasiliteite, met 'n opwekkingskapasiteit van tot 75 MW elk en elektriese infrastruktuur (132 kV kraglyn vir elke 75 MW sonkrag fasiliteit). Die beoogde projekte sal geïnstalleer en bedryf op Gedeeltes 3 en 8 van Gemsbok Bult Plaas 120 en Restant van Boven Rugzeer Plaas 169. Twee van die aanlegte sal op Gedeelte 3 –, twee aanlegte sal op Gedeelte 8 van Gemsbok Bult Plaas 120 opgerig word and drie aanlegte op Restant van Boven Rugzeer Plaas 169. Daar sal konneksiepunte wees na die substasie op die Restant van Gedeelte 3 van Gemsbok Bult 120.

Aangesien die sonkragprojekte en die voorgestelde elektriese infrastruktuur in dieselfde geografiese area gebou gaan word en dieselfde tipe projekte is, word dit voorgestel dat 'n geïntegreerde Publieke Deelname Proses onderneem gaan word. Aparte aansoeke gaan by die Nasionale Departement van Omgewingsake ingedien word vir die verskillende projekte. Die projekte sal na verwys word as:

No

Solar PV Project  
Project Site

1  
Gemsbok Solar PV3  
Portion 3 of Gemsbok Bult 120

2  
Gemsbok Solar PV4  
Portion 3 of Gemsbok Bult 120

3  
Gemsbok Solar PV5  
Portion 8 of Gemsbok Bult 120

4  
Gemsbok Solar PV6  
Portion 8 of Gemsbok Bult 120

5  
Boven Solar PV2  
Remaining Extent of Boven Rugzeer 169

6  
Boven Solar PV3  
Remaining Extent of Boven Rugzeer 169

7  
Boven Solar PV4  
Remaining Extent of Boven Rugzeer 169

Die voorgestelde projekte sal ge-evalueer word volgens die Nasionale Omgewingsbestuur Wet, 1998 (Wet No 107 van 1998) (NEMA) en die Omgewingsimpakstudie (OIS) Regulasies soos gepubliseer in Staatskenningsgewing R982 in Staatskoerant No 38282 van 08 Desember 2014.

Vind asseblief aangeheg die volgende:

- Beskrywing van die projek (word na verwys as die "BID")
- Brief aan die Belanghebbende en Geïnteresseerde Partye (B&GP'e)
- Kommentaar en Registrasievorm

Die BID, wat dien as agtergrond van die projek, bevat 'n beskrywing van die projek, die gelyste aktiwiteite en is vir 30-dae beskikbaar vir oorsig en kommentaar teen 10 Oktober 2015. 'n Harde kopie van die bogenoemde dokumente is ook gestuur aan diegene vir wie ons posadresse het. Inligting van die projek is ook beskikbaar op die projekwebtuiste: <http://www.csir.co.za/eia/MuliloSolar>

Ons versoek graag dat alle kommentaar aan die WNNR Projekbestuurder (kontakbesonderhede onder aangedui) teen 10 Oktober 2015 verskaf word.

By voorbaat dankie,

Minnelise Levendal

CSIR - Environmental Management Services  
Posbus 320, Stellenbosch, 7599  
Tel: 021 888 2495/2661  
Faks: 021 888 2693  
Epos: [mlevendal@csir.co.za](mailto:mlevendal@csir.co.za)

**From:** Minnelise Levendal

**To:** Minnelise Levendal

**BC** Clive.Stephenson@transnet.net; CloeteS@dws.gov.za; GeerinJH@eskom.co.za; Gilbert.Nortier@transnet.net; HaarhL@eskom.co.za; JacolineMa@daff.gov.za; LeaskK@eskom.co.za; MRabothata@environment.gov.za; Marina.Lourens@transnet.net; Mayvyn.Bhana@transnet.net; MeiM@dwa.gov.za; ThokoB@daff.gov.za; WyngaaJO@eskom.co.za; aditeme@agri.ncape.gov.za; admin@grasslands.org.za; advocacy@birdlife.org.za; ameliastrauss2@gmail.com; andre.vanniekerk10@gmail.com/ kraaines@mweb.co.za; annelizac@nda.agric.za; atiplady@ska.ac.za; boozahunter@yahoo.com; ernest.connan@donco.co.za; fpr@bodr.gov.za;

APPENDIX E - Correspondence sent to I&APs

hendri@aheadtrading.co.za; howard.hendricks@sanparks.org; jhjs@webmail.co.za; klawrence@trpw.ncape.gov.za; kraaines@mweb.co.za; l.ntsolo@sanbi.org.za; marcyroxnpc@gmail.com; mashuduma@daff.gov.za; messop@environment.gov.za; mm@kaigarib.gov.za; mmathews@ncpg.gov.za; mndzilili@ncpg.gov.za; monica.lepheane@labour.gov.za; ncagric@worldonline.co.za; ontvang@agric.co.za; nhlakad@daff.gov.za; nyaphi@ncpg.gov.za; ontvang@agric.co.za; peter.buys@nersa.org.za; ratha.timothy@gmail.com; rwarie@ncpg.gov.za; sb@siyanda.gov.za; sdelafontaine@gmail.com; sharon@nocco.co.za; smbanjwa@ncpg.gov.za; straussdj@orientis.co.za/ ameliastrauss2@gmail.com; strohl@caa.co.za; teresascheepers@vodamail.co.za; waltjc@nra.co.za; wep@ewt.org.za

**Date:** 09/09/2015 16:49

**Subject:** Notice of EIA Process for Mulilo - Solar PV Facilities and Associated Electrical Infrastructure, Northern Cape

**Attachments:** LR Mulilo Solar PV BID\_Eng\_BID\_A4\_8 PAGES\_LR.pdf; CSIR Letter 1 to I&APs\_MuliloSolar NC\_BID 90915.pdf; Comment and Response Form\_Mulilo BID\_NC.pdf

Dear Stakeholders and Interested and Affected Parties

If you have received my previous email sent at approximately 4pm today please ignore this email. I received many return messages when I sent out the first email due to mailbox size constraints. I have therefore attached a Low Resolution Background Information Document to this email.

I hope everyone receives this email this time.

For those of you who are receiving the notification of the EIA Process for the first time-Please see my initial email below.

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

Best wishes, Minnelise

>>> Minnelise Levendal 09/09/2015 16:00 >>>

Dear Stakeholders and Interested and Affected Parties

[Notice of scoping and environmental impact Assessment for the Proposed development of seven Solar Photovoltaic Facilities AND ASSOCIATED ELECTRICAL INFRASTRUCTURE FOR MULILO RENEWABLE PROJECT DEVELOPMENTS \(PTY\) LTD, north-east of Kenhardt, Northern Cape Province](#)

Competent Authority: National Department of Environmental Affairs

csir reference: EMS0106/MULILO/2015

This e-mail correspondence serves to inform you of the initiation of a Scoping and Environmental Impact Assessment (EIA) Process for the above-mentioned proposed project, located approximately 30 km north-east of Kenhardt within the !Kheis Local Municipality, Northern Cape Province. The Project Applicant is Mulilo Renewable Project Developments (Pty) Ltd (hereinafter referred to as "Mulilo"). The CSIR has been appointed by Mulilo to undertake the required Scoping and EIA Process.

A full Scoping and EIA Process is required for the development of seven 75 Megawatt (MW) Solar Photovoltaic (PV) or Concentrated Photovoltaic (CPV) Solar power generation facilities and associated electrical infrastructure (132 kV transmission lines for each 75 MW facility), on Portions 3 and 8 of Gemsbok Bult Farm 120 and the Remaining extent of Boven Rugzeer Farm 169. Two of the projects will be located on Portion 3-, two projects on Portion 8 of Gemsbok Bult Farm 120 and three projects on the Remaining Extent of Boven Rugzeer Farm 169. Each 75 MW Solar PV facility proposed will cover an approximate area of 200 hectares (ha) with a collective footprint of approximately 1 400 ha and a combined power generation capacity of 525 MW. The proposed projects will entail the construction of the solar field, buildings, electrical infrastructure, internal access roads, and associated infrastructure and structures.

The proposed 75 MW Solar PV facilities and transmission lines are located within the same geographical area and constitute the same type of activity; hence an integrated Public Participation Process will be undertaken. However, separate Applications for Environmental Authorisation will be lodged with the National Department of Environmental Affairs (DEA) for each proposed 75 MW Solar PV facility and transmission line. The projects and locations are listed below:

No

Solar PV Project  
Project Site

1

Gemsbok Solar PV3  
Portion 3 of Gemsbok Bult 120

2

Gemsbok Solar PV4  
Portion 3 of Gemsbok Bult 120

3

Gemsbok Solar PV5  
Portion 8 of Gemsbok Bult 120

4  
Gemsbok Solar PV6  
Portion 8 of Gemsbok Bult 120

5  
Boven Solar PV2  
Remaining Extent of Boven Rugzeer 169

6  
Boven Solar PV3  
Remaining Extent of Boven Rugzeer 169

7  
Boven Solar PV4  
Remaining Extent of Boven Rugzeer 169

The proposed projects are being assessed in terms of the National Environmental Management Act (Act 107 of 1998), as amended (NEMA), and the NEMA EIA Regulations, published in Government Notice (GN) R982, R983, R984 and R985 on 8 December 2014.

Please find attached the following:

- Background Information Document (BID);
- Letter 1 to Interested & Affected Parties (I&APs); and
- Comment and Registration Form.

The BID, which provides an overview of the proposed project, is being released to Stakeholders and I&APs for a 30-day comment period ending on 10 October 2015.

In addition, the above-mentioned project information can be accessed at the following website:  
<http://www.csir.co.za/eia/MuliloSolar>

Kindly ensure that all comments are submitted to the CSIR Project Manager (details provided below) by no later than 10 October 2015.

Thank you and kind regards,

Minnelise Levendal

CSIR - Environmental Management Services  
P. O. Box 320, Stellenbosch, 7599  
Tel: 021 888 2495/2661  
Fax: 021 888 2693  
Email: [mlevendal@csir.co.za](mailto:mlevendal@csir.co.za)

---

Beste Belanghebbende en Geïnteresseerde Party

KENNISGEWING VAN OMGEWINGSIMPAAKEVALUERINGSPROSESSE VIR DIE VOORGESTELDE ONTWIKKELING VAN SEWE SONKRAGAAANLEGTE EN ELEKTRIESE INFRASTRUKTUUR VIR 'MULILO RENEWABLE PROJECT DEVELOPMENTS (PTY) LTD' NOORD-OOS VAN KENHARDT, NOORD- KAAP PROVINSIE

Bevoegde Owerheid: Die Nasionale Departement van Omgewingsake

WNNR/CSIR verwysingsnommer: EMS0106/MULILO/2015

Hierdie e-pos korrespondensie is om u in kennis te stel van die aanvang van die Bestek en Omgewingsimpakevalueringproses vir die bogenoemde projekte, wat 30 km noord-oos van Kenhardt in die !Kheis munisipaliteit voorgestel word. Die Aansoeker vir die projek is Mulilo Renewable Project Developments (Pty) Ltd ("Mulilo"). Die WNNR is aangestel deur Mulilo om die Bestek en Omgewingsimpakevalueringproses vir die bogenoemde projekte te onderneem.

'n Bestek en Omgewingsimpakevalueringproses word vereis vir elk van die sewe Fotovoltaiese (PV) sonkragfasiliteite, met 'n opwekkingskapasiteit van tot 75 MW elk en elektriese infrastruktuur (132 kV kraglyn vir elke 75 MW sonkrag fasiliteit). Die beoogde projekte sal geïnstalleer en bedryf op Gedeeltes 3 en 8 van Gemsbok Bult Plaas 120 en Restant van Boven Rugzeer Plaas 169. Twee van die aanlegte sal op Gedeelte 3 -, twee aanlegte sal op Gedeelte 8 van Gemsbok Bult Plaas 120 opgerig word and drie aanlegte op Restant van Boven Rugzeer Plaas 169. Daar sal konneksiepunte wees na die substasie op die Restant van Gedeelte 3 van Gemsbok Bult 120.

Aangesien die sonkragprojekte en die voorgestelde elektriese infrastruktuur in dieselfde geografiese area gebou gaan word en dieselfde tipe projekte is, word dit voorgestel dat 'n geïntegreerde Publieke Deelname Proses onderneem gaan word. Aparte aansoeke gaan by die Nasionale Departement van Omgewingsake ingedien word vir die verskillende projekte. Die projekte sal

APPENDIX E - Correspondence sent to I&APs

na verwys word as:

No  
Solar PV Project  
Project Site

1  
Gemsbok Solar PV3  
Portion 3 of Gemsbok Bult 120

2  
Gemsbok Solar PV4  
Portion 3 of Gemsbok Bult 120

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Gemsbok Solar PV5  
Portion 8 of Gemsbok Bult 120

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Gemsbok Solar PV6  
Portion 8 of Gemsbok Bult 120

5  
Boven Solar PV2  
Remaining Extent of Boven Rugzeer 169

6  
Boven Solar PV3  
Remaining Extent of Boven Rugzeer 169

7  
Boven Solar PV4  
Remaining Extent of Boven Rugzeer 169

Die voorgestelde projekte sal ge-evalueer word volgens die Nasionale Omgewingsbestuur Wet, 1998 (Wet No 107 van 1998) (NEMA) en die Omgewingsimpakstudie (OIS) Regulasies soos gepubliseer in Staatskennisgewing R982 in Staatskoerant No 38282 van 08 Desember 2014.

Vind asseblief aangeheg die volgende:

- Beskrywing van die projek (word na verwys as die "BID")
- Brief aan die Belanghebbende en Geïnteresseerde Partye (B&GP'e)
- Kommentaar en Registrasievorm

Die BID, wat dien as agtergrond van die projek, bevat 'n beskrywing van die projek, die gelyste aktiwiteite en is vir 30-dae beskikbaar vir oorsig en kommentaar teen 10 Oktober 2015. 'n Harde kopie van die bogenoemde dokumente is ook gestuur aan diegene vir wie ons posadresse het. Inligting van die projek is ook beskikbaar op die projekwebtuiste:  
<http://www.csir.co.za/eia/MuliloSolar>

Ons versoek graag dat alle kommentaar aan die WNNR Projekbestuurder (kontakbesonderhede onder aangedui) teen 10 Oktober 2015 verskaf word.

By voorbaat dankie,

Minnelise Levendal

CSIR - Environmental Management Services  
Posbus 320, Stellenbosch, 7599  
Tel: 021 888 2495/2661  
Faks: 021 888 2693  
Epos: [mlevendal@csir.co.za](mailto:mlevendal@csir.co.za)



Scoping and Environmental Impact Assessment for the proposed Development of a 75 MW Solar Photovoltaic Facility (GEMSBOK SOLAR PV4) on Portion 3 of Gemsbok Bult Farm 120, north-east of Kenhardt, Northern Cape Province

# EIA REPORT

## APPENDIX F:

Copy of Site Notice Board  
and Proof of Placement



**Site Notice Board – English**

**PROPOSED CONSTRUCTION OF THE MULILO SOLAR DEVELOPMENT CONSISTING OF SEVEN 75 MW PV OR CPV SOLAR ENERGY FACILITIES AND ASSOCIATED INFRASTRUCTURE NEAR KENHARDT, NORTHERN CAPE PROVINCE**

CSIR REFERENCE NUMBER: EMS0106/MULILO/2015

**JOINT NOTICE OF ENVIRONMENTAL IMPACT ASSESSMENT (EIA) PROCESSES**

Notice is hereby given in terms of Regulation 41 of the Environmental Impact Assessment (EIA) Regulations published in Government Notice (GN) R982 in Government Gazette 38282 of 8 December 2014, under Section 24(4)(a) of the National Environmental Management Act (Act 107 of 1998, as amended) (NEMA), that Mulilo Renewable Project Developments (Pty) Ltd proposes to construct and operate seven Photovoltaic (PV) or Concentrated Photovoltaic (CPV) Solar Facilities with a generating capacity of 75 MW each and associated electrical infrastructure (132 kV transmission lines for each 75 MW facility), on Portions 3 and 8 of Gemsbok Built Farm 120 and the Remaining extent of Boven Rugzeer Farm 169, located 30 km north-east of Kenhardt. Two of the projects will be located on Portion 3-, two projects on Portion 8 of Gemsbok Built Farm 120 and three projects on the Remaining Extent of Boven Rugzeer Farm 169. Each 75 MW Solar PV facility proposed will cover an approximate area of 200 hectares (ha) with a collective footprint of approximately 1 400 ha and a combined power generation capacity of 525 MW. The proposed projects will entail the construction of the solar field, buildings, electrical infrastructure, internal access roads, and associated infrastructure and structures.

A full Scoping and EIA Process is required for the construction of the seven Solar PV facilities and the development of the proposed transmission lines. The CSIR has been appointed by Mulilo to undertake the required Scoping and EIA Processes for the proposed projects. The need for a Scoping and EIA is triggered by the following potential listed activities listed in GN R983, R984 and R985:

Government Notice	Listed Activity Number
GN R983 - 8 December 2014	Activity 11 (i); 12 (x) and (xii); 19 (i); 24 (ii); 28 (ii)
GN R984 - 8 December 2014	Activity 1 & 15
GN R985 - 8 December 2014	Activity 12 (d)

Since the proposed 75 MW Solar PV facilities are located within the same geographical area and constitute the same type of activity, an integrated Public Participation Process will be undertaken for the proposed projects. However, seven separate Applications for Environmental Authorisation (EA) will be lodged with the National Department of Environmental Affairs (DEA).

To ensure that you are included on the project register as an Interested and Affected Party (I&AP), as well as to raise any issues and concerns for inclusion in the Scoping/EIA Reports, you are kindly requested to register your interest in the projects and submit any comments you may have to the CSIR (at the details indicated below).

More information will be available during the course of the project on the project website: <http://www.csir.co.za/eia/MuliloSolar>



To obtain further information or to register as Interested and Affected Party (I&AP), please contact:  
 CSIR  
 Minnelise Levendal  
 PO Box 320, Stellenbosch, 7599  
 Tel: 021 888 2495/  
 Fax: 021 888 2693  
 Email: [mlevendal@csir.co.za](mailto:mlevendal@csir.co.za)

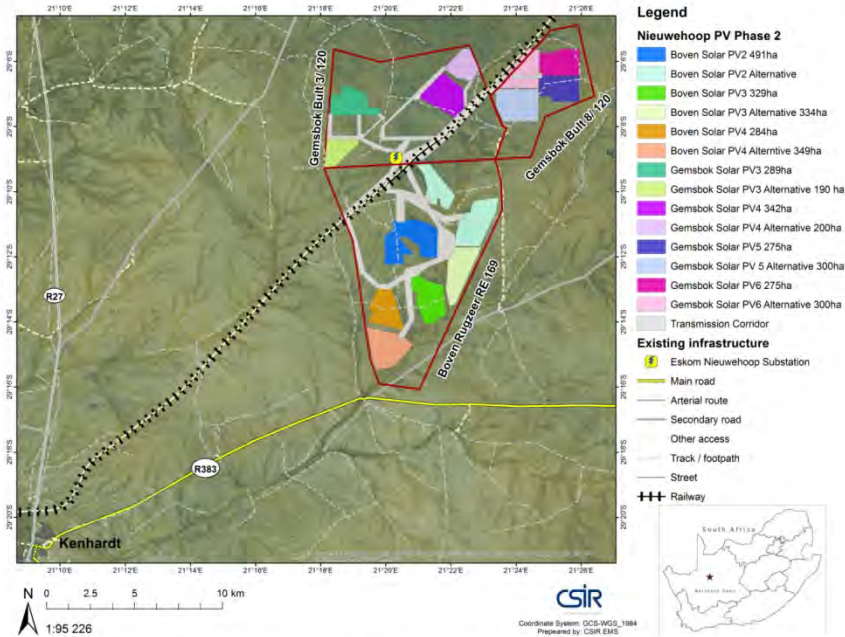


Figure 1: Locality Map depicting the location of the proposed 75 MW Solar PV Projects and alternative sites

**Site Notice Board - Afrikaans**

**VOORGESTELDE “MULILO SOLAR DEVELOPMENT” BESTAANDE UIT SEWE 75 MW FV OF GFV SONKRAG AANLEGTE EN MEEGAANDE INFRASTRUKTUUR NABY KENHARDT, NOORD-KAAP PROVINSIE**

CSIR REFERENCE NUMBER: EMS0106/MULILO/2015

**GEKOMBINEERDE KENNISGEWING VAN OMGEWINGSIMPAKSTUDIE (OIS) PROSESSE**

Hiermee word kennis gegee in terme van Regulasie 41 van die Omgewingsimpakstudie (OIS) Regulasies soos gepubliseer in Staatskennisgewing R982 in Staatskoerant No 38282 van 08 Desember 2014, onder Seksie 24(4)(a) van die Nasionale Omgewingsbeheer Wet, 1998 (Wet No 107 van 1998) (NEMA), dat **Mulilo Renewable Project Developments (Pty) Ltd** van voornemens is om sewe **Fotovoltaïese (PV) sonkragfasiliteite, met 'n opwekkingskapasiteit van tot 75 MW elk en elektriese infrastruktuur** (132 kV kraglyn vir elke 75 MW sonkrag fasiliteit) te installeer en te bedryf op Gedeeltes 3 en 8 van Gemsbok Bult Plaas 120 en Restant van Boven Rugzeer Plaas 169. Twee van die aanlegte sal op Gedeelte 3 – twee aanlegte sal op Gedeelte 8 van Gemsbok Bult Plaas 120 opgerig word and drie aanlegte op Restant van Boven Rugzeer Plaas 169. Daar sal konneksiepunte wees na die substasie op die Restant van Gedeelte 3 van Gemsbok Bult 120. Die voorgestelde projekte is 30 km noord-oos van Kenhardt geleë. Elke projek gaan ongeveer 200 hektaar (ha) beslaan en sal langs mekaar gebou word. Elke projek gaan, onder andere uit sonpanele, geboue, elektriese infrastruktuur, en toegangspaaie bestaan.

Die beoogde projekte vereis dat 'n Omvangsbepaling-en Omgewingsevaluering (OIE) proses onderneem moet word. Die Wetenskaplike en Nywerheidsnavorsingsraad (WNNR) is deur Mulilo aangestel om die vereiste prosesse te onderneem. Die prosesse word benodig omdat die volgende aktiwiteite soos gelys in Staatskennisgewings R 983, R 984 en R 985 van toepassing is op die projekte:

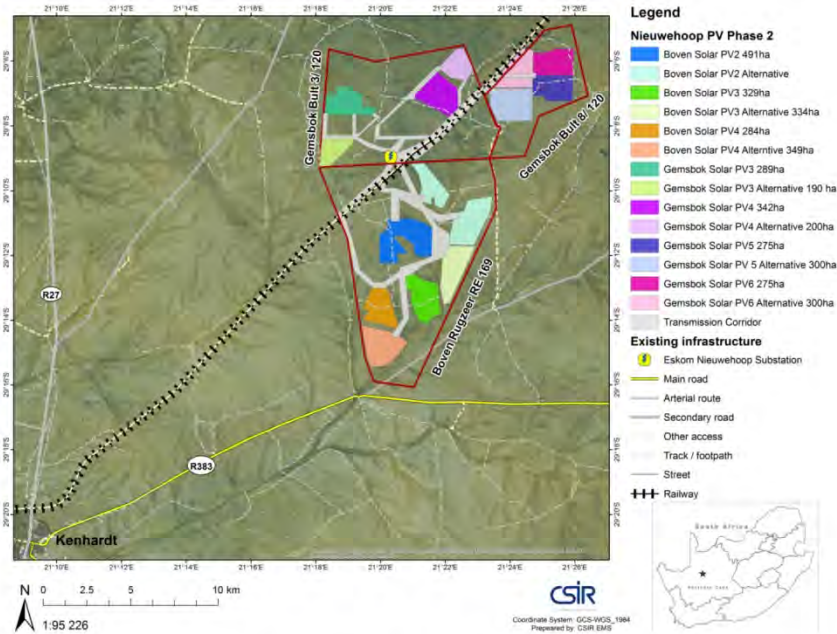
Staatkennisgewing	Gelyste aktiwiteite
GN R983 - 8 Desember 2014	Aktiwiteit 11 (i); 12 (x) and (xii); 19 (i); 24 (ii); 28 (ii)
GN R984 - 8 Desember 2014	Aktiwiteit 1, 4 & 15
GN R985 - 8 Desember 2014	Aktiwiteit 12 (d)

Aangesien al sewe projekte in dieselfde geografiese area geleë is en dieselfde tipe aktiwiteit behels sal 'n geïntegreerde Publieke Deelname Proses onderneem word. Een gesamentlike Omvangsbepalingverslag sal ingedien word vir die sewe projekte, maar sewe aparte aansoek en OIE verslae sal ingedien word vir evaluering deur die Nasionale Departement van Omgewingsake.

Om te verseker dat u vir die projekte as 'n Belangstellende en Geaffekteerde Party (B&GP) geregistreer word of om enige kwessie uit te lig wat u met die projekte het, word u vriendelik versoek om te registreer vir die projekte en u kommentaar aan WNNR se verteenwoordiger (inligting hieronder) te stuur. Verdere inligting sal ook deur die loop van die projek op die projek se webtuiste beskikbaar wees: <http://www.csir.co.za/eia/MuliloSolar>

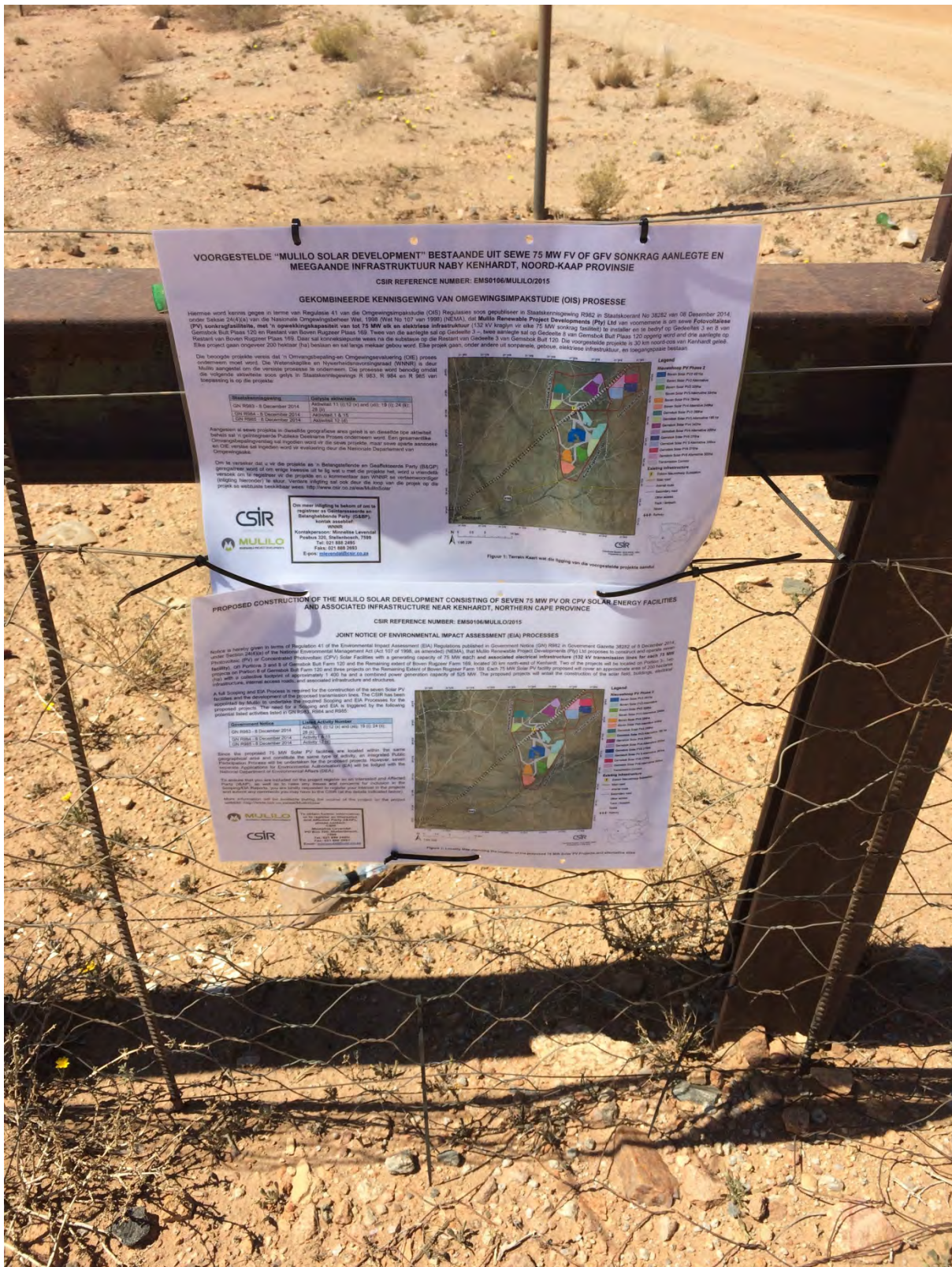


Om meer inligting te bekom of om te registreer as Geïnteresseerde en Belanghebbende Party (G&BP), kontak asseblief:  
**WNNR**  
 Kontakpersoon: Minnelise Levendal  
 Posbus 320, Stellenbosch, 7599  
 Tel: 021 888 2495  
 Faks: 021 888 2693  
 E-pos: [mlevendal@csir.co.za](mailto:mlevendal@csir.co.za)



Figuur 1: Terrein Kaart wat die ligging van die voorgestelde projekte aandui

**Site notice board placed at the entrance to the Transnet Service Road which serves as one of the access roads to the preferred and alternative sites**





**Site notice board placed at Loop 14 of Saldanha Railway Line (Transnet)**





**Site notice board placed at the entrance to the Transnet Rail Crossing (in close proximity to Gemsbok Solar PV5-and Gemsbok Solar PV6 Alternative Project sites)**



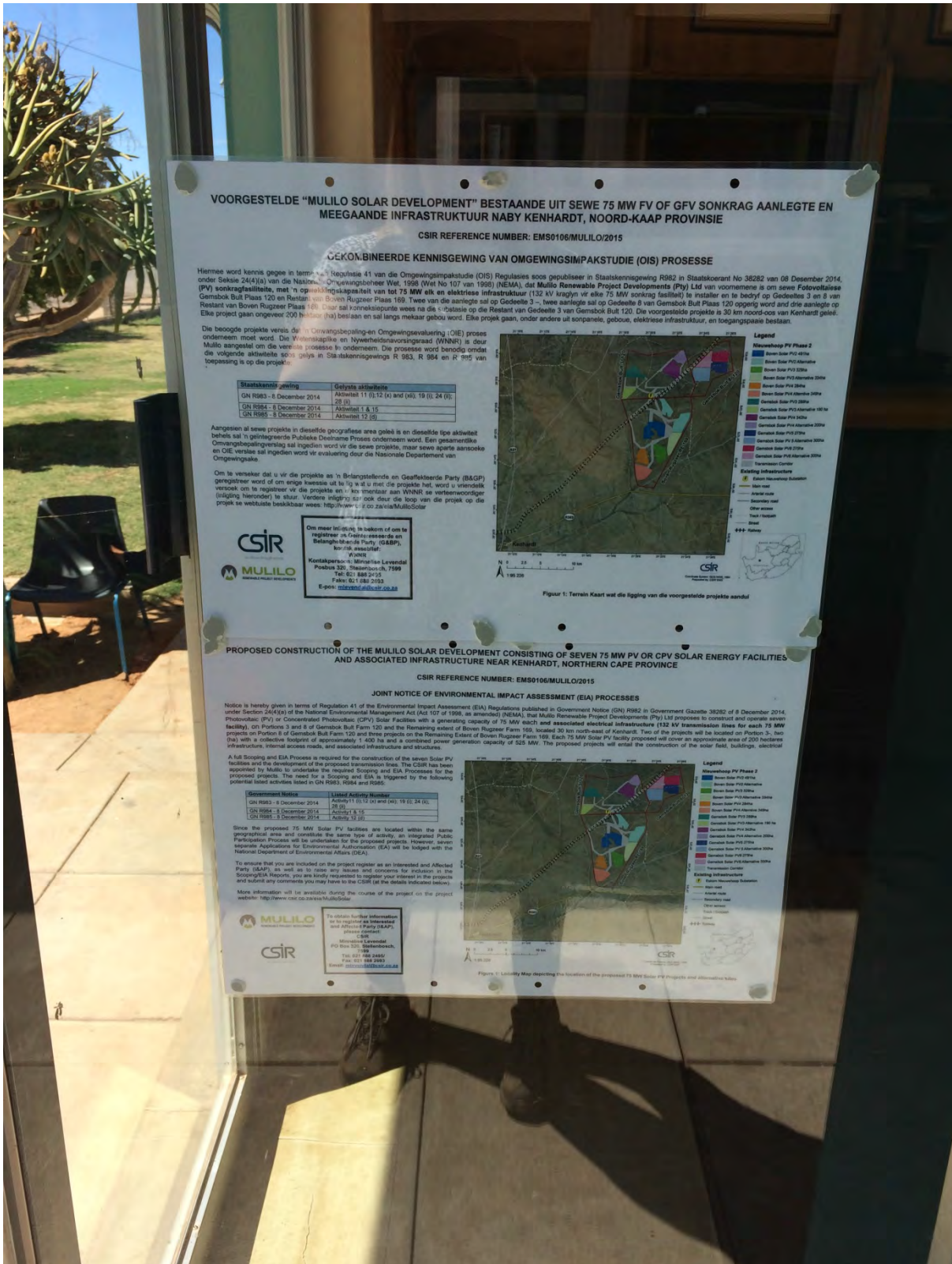






**Site notice board placed at the Kai! Garib Municipal Office in Kenhardt**





**Site notice board placed at the Kenhardt Petrol Station**

