

Appendix 14 EAP curricula vitae and declaration of interest

Luanita Snyman-van der Walt (EAP) – details, declaration of interest and undertaking



environmental affairs

Department:
Environmental Affairs
REPUBLIC OF SOUTH AFRICA

DETAILS OF THE ENVIRONMENTAL ASSESSMENT PRACTITIONER, DECLARATION OF INTEREST AND UNDERTAKING UNDER OATH

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

Application for authorisation in terms of the National Environmental Management Act, Act No. 107 of 1998, as amended and the Environmental Impact Assessment (EIA) Regulations, 2014, as amended (the Regulations)

PROJECT TITLE

Square Kilometre Array fibre optic cable between Beaufort West and Carnarvon.

Kindly note the following:

1. This form must always be used for applications that must be subjected to Basic Assessment or Scoping & Environmental Impact Reporting where this Department is the Competent Authority.
2. This form is current as of 01 September 2018. It is the responsibility of the Applicant / Environmental Assessment Practitioner (EAP) to ascertain whether subsequent versions of the form have been published or produced by the Competent Authority. The latest available Departmental templates are available at <https://www.environment.gov.za/documents/forms>.
3. A copy of this form containing original signatures must be appended to all Draft and Final Reports submitted to the department for consideration.
4. All documentation delivered to the physical address contained in this form must be delivered during the official Departmental Officer Hours which is visible on the Departmental gate.
5. All EIA related documents (includes application forms, reports or any EIA related submissions) that are faxed; emailed; delivered to Security or placed in the Departmental Tender Box will not be accepted, only hardcopy submissions are accepted.

Departmental Details

Postal address:

Department of Environmental Affairs
Attention: Chief Director: Integrated Environmental Authorisations
Private Bag X447
Pretoria
0001

Physical address:

Department of Environmental Affairs
Attention: Chief Director: Integrated Environmental Authorisations
Environment House
473 Steve Biko Road
Arcadia

Queries must be directed to the Directorate: Coordination, Strategic Planning and Support at:
Email: EIAAdmin@environment.gov.za

Details of EAP, Declaration and Undertaking Under Oath

Page 1 of 4

LsvdW

1. ENVIRONMENTAL ASSESSMENT PRACTITIONER (EAP) INFORMATION

Company of Environmental Assessment Practitioner:	Council for Scientific and Industrial Research (CSIR) Environmental Management Services (EMS)		
B-BBEE	Contribution level (indicate 1 to 8 or non-compliant)	2	Percentage Procurement recognition
EAP name:	Luanita Snyman-van der Walt		
EAP Qualifications:	MSc Environmental Science; PgD Geographic Information Science		
Professional affiliation/registration:	South African Council for Natural Scientific Professions (SACNASP) Pr. Sci. Nat. Environmental Science (400128/16)		
Physical address:	CSIR, 11 Jan Celliers Street, Stellenbosch, 7600		
Postal address:	PO Box 320, Stellenbosch		
Postal code:	7599	Cell:	072 182 9718
Telephone:	021 888 2490	Fax:	021 888 2490
E-mail:	Lvdwalt1@csir.co.za		

The appointed EAP must meet the requirements of Regulation 13 of GN R982 of 04 December 2014, as amended.

2. DECLARATION BY THE EAP

I, Luanita Snyman-van der Walt, declare that –

- I act as the independent environmental assessment practitioner in this application;
- 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 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 will take into account, to the extent possible, the matters listed in Regulation 13 of the Regulations when preparing the application and any report relating to the application;
- 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, unless access to that information is protected by law, in which case it will be indicated that such information exists and will be provided to the Competent Authority;
- I will perform all obligations as expected from an environmental assessment practitioner in terms of the Regulations; and
- I am aware of what constitutes an offence in terms of Regulation 48 and that a person convicted of an offence in terms of Regulation 48(1) is liable to the penalties as contemplated in Section 49B of the Act.

Disclosure of Vested Interest (delete whichever is not applicable)

- I do not have and will not have any vested interest (either business, financial, personal or other) in the proposed activity proceeding other than remuneration for work performed in terms of the Regulations;
- ~~I have a vested interest in the proposed activity proceeding, such vested interest being:~~



Signature of the Environmental Assessment Practitioner

Council for Scientific and Industrial Research (CSIR)

Name of Company:

21 July 2021

Date

3. UNDERTAKING UNDER OATH/ AFFIRMATION

I, Luanita Snyman-van der Walt, swear under oath / affirm that all the information submitted or to be submitted for the purposes of this application is true and correct.



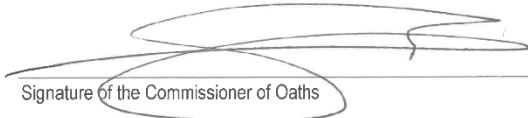
Signature of the Environmental Assessment Practitioner

Council for Scientific and Industrial Research (CSIR)

Name of Company

21 July 2021

Date



Signature of the Commissioner of Oaths

21. 07. 2021

Date

JURGENS STEPHANUS TERBLANCHE
Adendorff Attorneys Inc.
Commissioner of Oaths
Practising Attorney (RSA)
3rd Floor, Tyger Valley Chambers 4
27 Willie van Schoor Drive
Tyger Valley, Cape Town

JURGENS STEPHANUS TERBLANCHE
Adendorff Attorneys Inc.
Commissioner of Oaths
Practising Attorney (RSA)
3rd Floor, Tyger Valley Chambers 4
27 Willie van Schoor Drive
Tyger Valley, Cape Town

Luanita Snyman-van der Walt (EAP) – curriculum vitae

LUANITA SNYMAN-VAN DER WALT

MSc Environmental Science (NWU)

PgD Geographic Information Science (VU)

Pr. Sci. Nat. Environmental Science



Tel : +27 21 888 2490
Email: LvdWalt1@csir.co.za

Full Name: Snyman-Van der Walt, Luanita
Professional Registration: Pr.Sci.Nat Environmental Science – Reg No: 400128/16
Nationality: South Africa
Marital Status: Married
Current employer: CSIR Environmental Management Services
Position in Firm: Senior Environmental Scientist and Assessment Practitioner
Specialisation and Research interest: Environmental Assessment and Management; Strategic Environmental Assessment; Geographic Information Systems; Geodesign; Science-society-policy interface; Systems-thinking; Terrestrial, landscape & Urban Ecology.

BIOSKETCH

Luanita holds an MSc in Environmental Science and PgD in Geographic Information Science. She is an environmental scientist and assessment practitioner registered as a Professional Natural Scientist with the South African Council for Natural Scientific Professions (Reg. no. 400128/16). She has 7 years' experience in strategic environmental assessment, management, and planning, with a focus on Geographic Information System (GIS) analyses for environmental assessment and decision-making on sustainable development.

She is trained and has technical expertise in environmental science (terrestrial- and urban ecology) and geographic information science, and has managed, coordinated, designed and provided technical input to multiple Strategic Environmental Assessments (SEAs), Environmental Impact Assessments (EIAs) and Risk and Resilience Assessments, and Environmental Screening Studies (ESSs) in South Africa, as well as Environmental and Social Impact Assessments (ESIAs) in Namibia and Cameroon.

PROJECT TRACK RECORD

Completion	Description	Role	Client
In progress	Basic Assessment for the Proposed Square Kilometre Array (SKA) fibre optic cable between Beaufort West and Carnarvon,	Environmental Assessment Practitioner; Project manager; Technical GIS analysis and mapping; Report writing	South African National Research Network
March 2021	Environmental and Social Impact Assessment for exploration/appraisal drilling, Matanda Block, Onshore Douala Basin, Cameroon	Project manager; Technical GIS analysis and mapping; Report review	Gaz du Cameroun
March 2021	Environmental and social screening: Feasibility study for a desalination plant and water carriage system to secure water supply to central coast, Windhoek and en-route users.	Project manager; Technical GIS analysis and mapping; Environmental Sensitivity Analysis	Namwater

Square Kilometre Array fibre optic cable between Beaufort West and Carnarvon.
 Appendices

Completion	Description	Role	Client
May 2020	Environmental Screening Study for the Proposed Square Kilometre Array (SKA) fibre optic cable between Beaufort West and Carnarvon,	Project manager; Technical GIS analysis and mapping; Report writing	South African National Research Network
November 2019	Strategic Environmental Assessment for the Saldanha Bay Municipality (Phase 1)	Technical GIS analysis and mapping, Biodiversity and Ecology assessment	Western Cape Department of Environmental Affairs and Development Planning.
September 2019	Environmental Screening Study for a proposed 100 – 150 megalitre/day desalination plant for the City of Cape Town: Pre-feasibility study for terrestrial project components	Technical GIS and mapping, Environmental Sensitivity Analysis	City of Cape Town
October 2019	Strategic Environmental Assessment for Gas Pipeline Corridors and Electricity Grid Expansion.	Integrating Author and Editor: Biodiversity and Ecology	Department of Environmental Affairs
October 2019	Strategic Environmental Assessment Aquaculture Development in South Africa	Project member – Technical GIS and mapping	Department of Environmental Affairs
August 2019	Sustainable Development Goal Lab on “Africa’s first Decision-Theatres”.	Project manager	Future Earth
December 2018	Substantive amendment to the Environmental Authorisation of the Edison PV solar development.	Project manager and Environmental Assessment Practitioner.	29 Solar
October 2018	Environmental Screening Study: Stand Number 159. Diepkloof, Gauteng, Proposed for a Comprehensive Integrated Transport Customer Service Centre.	Project manager, author, Technical GIS and mapping	CSIR Built Environment
March 2018	Scoping and Environmental Impact Assessment for the proposed development of the Kap Vley Wind Energy Facility near Kleinsee in the Northern Cape	Specialist study: Aquatic Ecology	juwi Renewable Energies
March 2018	Scoping and Environmental Impact Assessment for the proposed development of a 100 MW Solar Photovoltaic Facility near Kenhardt in the Northern Cape Province	Specialist study: Visual Impact Assessment	juwi Renewable Energies
September 2017	Sustainable Development Goal Lab on “Mainstreaming resilience into climate change adaptation and disaster risk planning.”	Project leader	Future Earth; Stockholm Resilience Centre; University of Tokyo (funders)
June 2017	Strategic Environmental Assessment for the development of Shale Gas in South Africa	Project officer	Department of Environmental Affairs
December 2017	Guidance for Resilience in the Anthropocene: Investments for development (GRAID) – African Cities.	Project member: Sustainability assessment guideline	Stockholm Resilience Centre (funder)
January 2017	Environmental and Social Impact Assessment for the Floating Liquid Natural Gas project near Kribi, Cameroon.	Project member – Technical GIS and mapping, ecology inputs	Golar
October 2016	Environmental Screening Study for the Giyani Waste Oil Boiler, Limpopo: Environmental management plan for the Hi-Hanyile essential oil distillery	Project manager	CSIR Enterprise Creation for Development

Completion	Description	Role	Client
September 2016	Scoping and Environmental Impact Assessment for 5 x 100 MW Solar PV facilities near Dealesville, Free State.	Project manager and Environmental Assessment Practitioner	29 Solar
June 2016	Environmental and Social Impact Assessment for the Bomono Early Field Development Project, Cameroon.	Project member - Technical GIS and mapping, ecology inputs	EurOil
May 2016	Scoping and Environmental Impact Assessment for the proposed Development of a 7 x 75 MW Solar Photovoltaic Facilities near Kenhardt, Northern Cape	Project member - Technical GIS and mapping	Mulilo
April 2016	Scoping and Environmental Impact Assessment for the Proposed Development 3 x 75 MW Solar Photovoltaic Facilities near Kenhardt, Northern Cape	Project member - Technical GIS and mapping	Scatec
April 2016	Strategic Environmental Assessment for identification of electricity grid infrastructure development corridors in South Africa	Project member - Technical GIS and mapping	Department of Environmental Affairs
February 2016	Environmental Impact Assessment for the development of 12 Solar PV projects near Dealesville, Free State.	Project member - Technical GIS and mapping, ecology inputs, stakeholder engagement	Mainstream Renewable Energy
September 2015	Environmental Screening Study for the Proposed Vaayu Energy SA Wind Energy Facility near Wesley, Eastern Cape	Project leader	Vaayu Energy
February 2015	Environmental Screening Study for Biochar- and Composting facilities in the Umzimvubu Catchment	Project member - Technical GIS and mapping & ecology inputs	Department of Environmental Affairs
March 2015	Strategic Environmental Assessment for identification of renewable energy zones for wind and solar PV projects in South Africa	Project member - Technical GIS and mapping	Department of Environmental Affairs
November 2014	Rapid environmental screening study for WASA wind monitoring masts (11-15) in the eastern cape, Kwazulu-Natal and Free State provinces, South Africa	Project member - Technical GIS and mapping	CSIR Built Environment
August 2014	Environmental Screening Study for the importation of Liquid Natural Gas into the Western Cape	Project member - Technical GIS and mapping, ecology inputs	Western Cape Government
March 2014	Environmental Screening Study for a Proposed LNG Terminal at Saldanha and associated pipeline infrastructures to Atlantis and Mossel Bay, Western Cape	Project member - Technical GIS and mapping, ecology inputs	PetroSA

PAST EMPLOYMENT RECORD

2015 – 2018 Junior Environmental Scientist and Assessment Practitioner, Council for Scientific and Industrial Research – Environmental Management Services (EMS), Implementation Unit (IU) - Stellenbosch.

2014 - 2015 Environmental Scientist and Assessment Practitioner (Intern). Council for Scientific and Industrial Research – Environmental Management Services (EMS), Implementation Unit (IU) - Stellenbosch.

QUALIFICATIONS

2017 - current	MSc. Geographic Information Science	Vrije Universiteit, Amsterdam, Netherlands (UNIGIS)
2019	PgD. GISc (<i>Cum Laude</i>)	Vrije Universiteit, Amsterdam, Netherlands (UNIGIS)
2018	PgC. GISc (<i>Cum Laude</i>)	Vrije Universiteit, Amsterdam, Netherlands (UNIGIS)
2013	MSc. Environmental Science (<i>Cum Laude</i>)	North West University, Potchefstroom, South Africa
2010	BSc. Hons. Environmental Science	North West University, Potchefstroom, South Africa
2009	BSc. Botany- Zoology-Tourism	North West University, Potchefstroom, South Africa

SOFTWARE SKILLS

- Esri Arcmap
 - Microsoft Office (Word, Excel, Powerpoint, Visio, Project)
 - Google Earth
 - Vensim PLE
 - QGIS
-

PEER REVIEWED PUBLICATIONS

Snyman-van der Walt, L., Schreiner, G., Laurie, S., Audouin, M., Lochner, P., Marivate, R., Pasquini, L., Davison, A., Hadingham, T. and Cameron, R., 2020. Pathways for Mainstreaming Resilience-Thinking into Climate Change Adaptation and Planning in the City of Cape Town. *In: The Palgrave Handbook of Climate Resilient Societies*, pp.1-22.

Schreiner, G.O., De Jager, M.J., Snyman-Van der Walt, L., Dlodla, A., Lochner, P.A., Wright, J. G., Scholes, R.J., Atkinson, D., Hardcastle, P., Kotze, H., Esterhuysen, S. 2018. 'Evidence-based and participatory processes in support of shale gas policy development in South Africa'. *In: Whitton, J., Cotton, M., Charnley-Parry, I.M. & Brasier, K. (Eds.) Governing Shale Gas: Development, Citizen Participation and Decision Making in the US, Canada, Australia and Europe*. London, UK: Routledge.

Schreiner, G.O. & Snyman-van der Walt, L. 2018. Risk modelling of shale gas development scenarios in the central Karoo. *International Journal of Sustainable Development and Planning*, 13(2): 294-306.

Scholes, R.J., Schreiner, G.O. & Snyman-Van der Walt, L., 2017, 'Scientific assessments: Matching the process to the problem', *Bothalia*, 47(2), a2144. <https://doi.org/10.4102/abc.v47i2.2144>.

Scholes, R., Lochner, P., Schreiner, G., Snyman-Van der Walt, L. and de Jager, M. (eds.). 2016. Shale Gas Development in the Central Karoo: A Scientific Assessment of the Opportunities and Risks. CSIR/IU/021MH/EXP/2016/003/A, ISBN 978-0-7988-5631-7

Burns, M., Atkinson, D., Barker, O., Davis, C., Day, L., Dunlop, A., Esterhuysen, S., Hobbs, P., McLachlan, I., Neethling, H., Rossouw, N., Todd, S., Snyman-Van der Walt, L., Van Huyssteen, E., Adams, S., de Jager, M., Mowzer, Z. and Scholes, B. 2016. Scenarios and Activities. In Scholes, R., Lochner, P., Schreiner, G., Snyman-Van der Walt, L. and de Jager, M.(Eds.). 2016. Shale Gas Development in the Central Karoo: A Scientific Assessment of the Opportunities and Risks. CSIR/IU/021MH/EXP/2016/003/A, ISBN 978-0-7988-5631-7, Pretoria: CSIR.

Van Wilgen, B.W., Boshoff, N., Smit, I.P., Solano-Fernandez, S. & Van der Walt, L. 2016. A bibliometric analysis to illustrate the role of an embedded research capability in South African National Parks. *Scientometrics*, 107:185-212.

Van der Walt, L., Cilliers, S. S., Kellner, K., Du Toit, M.J., Tongway, D. 2014. To what extent does urbanisation affect fragmented grassland functioning? *Journal of Environmental Management*, 151, 517-530.

Van der Walt, L., Cilliers, S. S., Du Toit, M. J., & Kellner, K. 2014. Urban Ecosystems Conservation of fragmented grasslands as part of the urban green infrastructure : How important are species diversity, functional diversity and landscape functionality? *Urban Ecosystems*, 18(1): 87-113. DOI 10.1007/s11252-014-0393-9.

Van der Walt, L., Cilliers, S. S., Kellner, K., Tongway, D., & van Rensburg, L. 2012. Landscape functionality of plant communities in the Impala Platinum mining area, Rustenburg. *Journal of Environmental Management*, 113, 103–116. doi:10.1016/j.jenvman.2012.08.024. DOI: <http://dx.doi.org/10.1016/j.jenvman.2014.11.034>.

Breedt, J.A.D., Brewer, I., Coetzer, A., Van der Walt, L. & Cilliers, S.S., 2012. "Landskapsfunktionaliteit en plantdiversiteit in stedelike en landelike gefragmenteerde grasvelde in die Potchefstroom omgewing", *Suid-Afrikaanse Tydskrif vir Natuurwetenskap en Tegnologie* 31(1), Art. #279, 1 page. <http://dx.doi.org/10.4102/satnt.v31i1.279>.

Van der Walt, L., Cilliers, S.S., Kellner, K. 2011. Landscape function of plant communities in the Impala Platinum mining area, Rustenburg, South Africa. *South African Journal of Botany*. 77(2): 563.

CONFERENCES

Snyman-van der Walt, L. & Laurie, S. 2017. Sustainable Development Goals Lab: Mainstreaming resilience into climate change adaptation and disaster risk planning. 7th International Conference on Sustainability Science, Stockholm Sweden. 24 – 26 August 2017. TOdB: CSIR/IU/021MH/EXP/2017/0015/A

Snyman-van der Walt, L. 2017. Conference Presentation. GIS analysis and stakeholder input to identify strategic areas for aquaculture development: National Strategic Environmental Assessment for Aquaculture Development in South Africa; International Association for Impact Assessment - South Africa Conference, Worcester, 15 – 18 August 2017. TOdB Publication Number: CSIR/IU/021MH/EXP/2017/0010/A

Snyman-van der Walt, L. 2017. Key results of the South African shale gas scientific assessment: science for policy and responsible decision-making. Conference Presentation at 2017 Southern African Systems Analysis Centre Capacity Development Programme. Stellenbosch, 12 July 2017. TOdB Publication Number: CSIR/IU/021MH/EXP/2017/0008/A.

Snyman-van der Walt, L. 2017. National Strategic Environmental Assessment for aquaculture development in South Africa: GIS analysis for identifying optimal areas for marine and freshwater aquaculture development presentation at World Aquaculture Conference, Cape Town, 26-30 June 2017, TOdB Publication Number: CSIR/IU/021MH/EXP/2017/0006/A.

Schreiner, G.O. & Snyman-van der Walt, L. 2017. Modelling social-ecological risks of shale gas development in the Central Karoo: key results of the South African shale gas scientific assessment. CSIR document number: CSIR/IU/021MH/EXP/2017/0005/A. Oral presentation at the American Association of Petroleum Geologists workshop on exploration and development of unconventional hydrocarbons: understanding and mitigating geotechnical challenges through conventional wisdom, Cape Town, South Africa, 20 June 2017.

Schreiner, G.O, Snyman-Van der Walt, L., Fischer, D. & Cape, L. 2017. Scenarios-based risk model for shale gas scientific assessment. Conference proceedings from the International Association of Impact Assessment International Conference 2017, Montreal, Canada. 4-7 April 2017.

Van der Walt, L., Cilliers, S.S., Du Toit, M.J. & Kellner, K. 2013. Conservation of fragmented grasslands as part of the green infrastructure: how important are species diversity, functional diversity, and landscape functionality? Oral presentation at the First Congress of SURE (Society of Urban Ecology), Berlin, Germany, 25-27 July 2013.

Van der Walt, L., Cilliers, S.S., Kellner, K. & Du Toit, M.J. 2012. Landscape functionality and plant diversity in urban and rural grassland fragments in the Tlokwe Municipal area, North-West, South Africa. Poster presentation at the 38th Annual South African Association of Botanists (SAAB) Conference, Pretoria, South Africa, 15-18 January 2012.

Van der Walt, L., Cilliers, S.S. & Kellner, K. 2011. Landscape function of plant communities in the Impala Platinum mining area, Rustenburg, South Africa. Oral presentation at the 37th Annual South African Association of Botanists (SAAB) Conference, Grahamstown, South Africa, 17-19 January 2011.

RELEVANT COURSES

- 2018** • GeoServices-4-Sustainability Summer School. Module: *Geo-Application Development* and Module: *Advanced Remote Sensing*, Eberswalde University for Sustainable Development, Germany.
- 2015** • Effective skills for dealing with challenging meetings, Conflict Dynamics (cc), CSIR Stellenbosch.
- Foundation Level Course in Science Communication and Working with the Media, CSIR, Stellenbosch.
- 2014** • CiLLA Project Management 1 Course, CSIR Stellenbosch.
- 2012** • Transboundary Protection of Biodiversity, North West University Law Faculty (South Africa) and Justig Liebig University (Germany), NWU Potchefstroom.
- 2010** • Control of alien invasive species, Centre for Wildlife Management, University of Pretoria.

PROFESSIONAL AFFILIATIONS/REGISTRATIONS

- 2015-current** • South African Council for Natural Scientific Professions (SACNASP), Professional Natural Scientist (Reg. no. 400128/16).
- 2014-current** • International Association for Impact Assessment (IAIA) South Africa (Membership Number: 3584)
- 2014-2015** • South African Council for Natural Scientific Professions (SACNASP), Candidate Professional Natural Scientist (Reg. no. 100276/14).
- 2011-2012** • South African Association of Botanists (SAAB)


HONOURS AND AWARDS

- 2017** • CSIR Implementation Unit Excellence Awards: Collaboration Award – Team Shale Gas Strategic Environmental Assessment.
- 2016** • CSIR Excellence Awards: Collaboration Award finalist – Team Shale Gas Strategic Environmental Assessment.
- 2015** • CSIR Implementation Unit Excellence Awards: Human Capital Development Award – Team Special Needs & Skills Development.
- Award: Best MSc Student in the Faculty of Natural Science, Potchefstroom Campus, North West University
- 2014** • Award: Best Masters Degree Student (S2A3 Bronze Medal) for Environmental Science and Technology, Potchefstroom Campus, North West University
- 2013** • Award: Mildred vd Merwe-Radloff Award for Best MSc Thesis – Botany, Potchefstroom Campus, North West University
- 2007-2013** • Golden Key International Academic Honours Association

LANGUAGE CAPABILITY

	Speaking	Reading	Writing
Afrikaans	Excellent	Excellent	Excellent
English	Excellent	Excellent	Excellent

Ed Perry (peer review EAP) – details, declaration of interest and undertaking

	environmental affairs Department: Environmental Affairs REPUBLIC OF SOUTH AFRICA
DETAILS OF THE PEER-REVIEW ENVIRONMENTAL ASSESSMENT PRACTITIONER, DECLARATION OF INTEREST AND UNDERTAKING UNDER OATH	
File Reference Number:	(For official use only)
NEAS Reference Number:	DEA/EIA/
Date Received:	
Application for authorisation in terms of the National Environmental Management Act, Act No. 107 of 1998, as amended and the Environmental Impact Assessment (EIA) Regulations, 2014, as amended (the Regulations)	
PROJECT TITLE	
Square Kilometre Array (SKA) fibre optic cable between Beaufort West and Carnarvon.	
Kindly note the following:	
<ol style="list-style-type: none">1. This form must always be used for applications that must be subjected to Basic Assessment or Scoping & Environmental Impact Reporting where this Department is the Competent Authority.2. This form is current as of 01 September 2018. It is the responsibility of the Applicant / Environmental Assessment Practitioner (EAP) to ascertain whether subsequent versions of the form have been published or produced by the Competent Authority. The latest available Departmental templates are available at https://www.environment.gov.za/documents/forms.3. A copy of this form containing original signatures must be appended to all Draft and Final Reports submitted to the department for consideration.4. All documentation delivered to the physical address contained in this form must be delivered during the official Departmental Officer Hours which is visible on the Departmental gate.5. All EIA related documents (includes application forms, reports or any EIA related submissions) that are faxed; emailed; delivered to Security or placed in the Departmental Tender Box will not be accepted, only hardcopy submissions are accepted.	
Departmental Details	
Postal address: Department of Environmental Affairs Attention: Chief Director: Integrated Environmental Authorisations Private Bag X447 Pretoria 0001	
Physical address: Department of Environmental Affairs Attention: Chief Director: Integrated Environmental Authorisations Environment House 473 Steve Biko Road Arcadia	
Queries must be directed to the Directorate: Coordination, Strategic Planning and Support at: Email: EIAAdmin@environment.gov.za	
Details of EAP, Declaration and Undertaking Under Oath	
Page 1 of 3	

1. PEER-REVIEW ENVIRONMENTAL ASSESSMENT PRACTITIONER (EAP) INFORMATION

Company of Environmental Assessment Practitioner:	SLR CONSULTING SOUTH AFRICA		
B-BBEE	Contribution level (indicate 1 to 8 or non-compliant)	4	Percentage Procurement recognition
EAP name:	Edward Perry		
EAP Qualifications:	MSc. Applied Hydrobiology; PgC Environmental Assessment		
Professional affiliation/registration:	Environmental Assessment Practitioners Association of South Africa (EAPASA) Pr. EAP (2019/1210)		
Physical address:	Suite 1 – Building D, Monte Circle, 178 Montecasine Boulevard, Fourways, Johannesburg, 2191		
Postal address:	PO Box, Cramerview 1596		
Postal code:	2060	Cell:	0798714798
Telephone:	011 467 0945	Fax:	n/a
E-mail:	EPerry@slrconsulting.co.za		

The appointed EAP must meet the requirements of Regulation 13 of GN R982 of 04 December 2014, as amended.

2. DECLARATION BY THE PEER-REVIEW EAP

I, Edward Perry, declare that –

- I act as the **independent peer-review environmental assessment practitioner** in this application;
- 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 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 will take into account, to the extent possible, the matters listed in Regulation 13 of the Regulations when preparing the application and any report relating to the application;
- 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, unless access to that information is protected by law, in which case it will be indicated that such information exists and will be provided to the Competent Authority;
- I will perform all obligations as expected from a **peer-review environmental assessment practitioner** in terms of the Regulations; and
- I am aware of what constitutes an offence in terms of Regulation 48 and that a person convicted of an offence in terms of Regulation 48(1) is liable to the penalties as contemplated in Section 49B of the Act.



Details of EAP, Declaration and Undertaking Under Oath

Page 2 of 3

Disclosure of Vested Interest (delete whichever is not applicable)

- I do not have and will not have any vested interest (either business, financial, personal or other) in the proposed activity proceeding other than remuneration for work performed in terms of the Regulations;
- ~~I have a vested interest in the proposed activity proceeding, such vested interest being:~~



Signature of the peer-review Environmental Assessment Practitioner

SLR Consulting (South Africa) (Pty) Ltd
Name of Company:

27 July 2021
Date

3. UNDERTAKING UNDER OATH/ AFFIRMATION

I, Edward Perry, swear under oath / affirm that all the information submitted or to be submitted for the purposes of this application is true and correct.

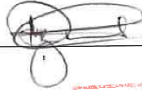


Signature of the peer-review Environmental Assessment Practitioner

SLR Consulting (South Africa) (Pty) Ltd
Name of Company

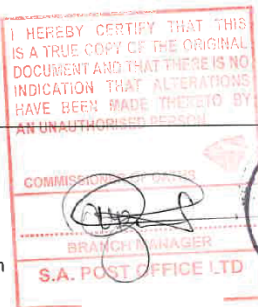
Date
28 July 2021

Signature of the Commissioner of Oaths



28 July 2021
Date

Details of EAP, Declaration and Undertaking Under Oath



Ed Perry (peer review EAP) – curriculum vitae

CURRICULUM VITAE



ED PERRY

OPERATIONS MANAGER

Environmental Management Planning & Approvals,
 South Africa

QUALIFICATIONS

Postgrad Cert.	2016	Postgraduate Certificate in Occupational Health and Safety, University of Cape Town
Postgrad Cert.	2012	Postgraduate Certificate in Environmental Law, Centre for Environmental Management, Potchefstroom
Postgrad Cert.	2008	Postgraduate Certificate in Environmental Assessment, Oxford Brookes University
MSc	1994	MSc Applied Hydrobiology, Cardiff University
BSc (Hons)	1990	BSc (Hons) Environmental Science, Plymouth University

EXPERTISE

- Environmental and Social Impact Assessments
- EHSS Auditing
- Environmental Compliance
- Management Systems
- Due Diligence

Ed Perry joined SLR as the Operations Manager for the Environmental Management Planning and Approvals (EMPA) team in Africa (offices in South Africa, Namibia, and Ghana) in August 2019. He has worked in environmental consultancy for over twenty years for a wide range of public and private sector clients.

Ed is a registered Environmental Auditor with the Institute for Environmental Management and Assessment and a Lead Auditor with the International Cyanide Management Institute. Prior to moving to South Africa in 2011 Ed worked in the UK on a wide range of projects including EIAs and Integrated Pollution and Prevention Permits. This included permitting the first hazardous waste landfill in the UK under the new integrated permitting mechanism and undertaking a study for the European Commission on the implementation of the Landfill Directive in 15 European countries. Since moving to South Africa, Ed has been involved with ESIA's and environmental authorisations throughout Africa. Ed has been Project Director / Partner in Charge of EIAs for a wide range of facilities including: New Mines and Extensions to Mines, Renewable Energy Facilities; Metal Extractive Industries; and Large Water Storage Schemes;.

Ed has also undertaken a wide range of environmental audits including; due diligence audits, EMPR audits, and over 20 international cyanide code audits of mines throughout Africa. These audits include assessing ESHIAs, RAPs and associated documentation against the requirements of the IFC Performance Standards. Ed is a registered Environmental Assessment Practitioner with the Environmental Assessment Practitioners Association of South Africa (EAPASA).

A sample of Ed's project experience, summarised by sector, is provided below.

PROJECTS

	Mining
Lucara Diamonds – Karowe Diamond Mine, Botswana	Ed is part of the SLR team acting as the Independent Technical Expert (ITE) on behalf of the lender to assess a project to expand the mine. Ed undertook the environmental and social assessment against the requirements of the Equator Principles and the IFC Performance Standards.





Kefi Minerals – Tulu Kapi Gold Mine, Ethiopia	Ed is the Technical Reviewer for an Environmental and Social Due Diligence review of the ESHIA and associated documents against the requirements of the IFC Performance Standards, local legislation, and best practice. This includes liaison with the Environmental Assessment Practitioners producing the ESHIA and the Lender's representatives.
Swakop Uranium – Heap Leach Project, Namibia	Ed is the Technical Reviewer and Project Director for the heap leach project, undertaking screening and subsequent ESIA for the location of a new heap leach.
Nampower – Biomass Power Plant, Namibia	Ed is the Project Director for an ESIA as part of a financing arrangement with the European Development Bank for Nampower to construct a new Power Plant using biomass from encroaching b
West Wits Gold Mine – South Africa	Ed is the Technical Reviewer and Project Director for an ESIA for a new gold mine in South Africa including open cast and underground mining. The application for a mining right was successful with an Environmental Authorisation being issued. A Water Use Licence is currently being applied for.
Maamba Collieries Limited – Maamba Coal Mine, Zambia	Ed was the lead auditor leading the creation and implementation of an integrated management system in accordance with the requirements of the IFC performance standards, ISO 14001, ISO 9001, and OHSAS 18001.
Eramet - Senegal	Lead Auditor for a due diligence audit of a mineral sands mining operation. The operation was the subject of a possible joint venture. The environmental audit, which included 3 days on site, was to establish if what environmental risks were involved with the project, which was just about to enter the construction phase.
Continental Coal Limited – Penumbra, South Africa	Ed was the Lead Auditor undertaking review of EIA, EMP and site procedures against the requirements of the IFC Procedures.
Eurasian Natural Resources Corporation – Kakanda Mine, DRC	Ed was the Project Manager for the review of a Safety, Health, Environment and Community Management System for Kakanda Mine in the DRC.
Anglo-American – Polokwane Smelter, Polokwane	Ed was the Project Manager responsible for undertaking an external compliance audit for the Anglo-American Polokwane Smelter as stipulated in the slag stockpile permit for the Polokwane Metallurgical Complex. This included a review of the permit for the temporary stockpile of ash as part of the expansion of the Complex.
Ruighoek Mine, South Africa	Ed was the Project Manager for an ESIA associated with the expansion of this chromium mine in South Africa.
AngloGold Ashanti – Yatela, Sadiola, Siguri Gold Mines, Mali and Guinea	Ed was the Lead Auditor and Project Manager undertaking a re-certification audit against the requirements of the International Cyanide Code for three gold mines.
Freda Rebecca Gold Mine - Zimbabwe	Ed was the Lead Auditor and Project Manager for a gap audit to ascertain the status of the gold mine with regards to its ability to comply with the International Cyanide Code
Gold Fields Ghana – Tarkwa and Damang Gold Mines	Ed was the Lead Auditor and Project Manager undertaking a re-certification audit against the requirements of the International Cyanide Code for the two gold mines.



Goldfields, Harmony, AngloGold Ashanti – South Africa	Ed was the Lead Auditor and Project Manager undertaking a re-certification audit against the requirements of the International Cyanide Code for 5 gold mines for AngloGold Ashanti, 4 gold mines for Harmony, and a gold mine for Gold Fields.
Riversdale Capital – Zambeze Coal Mine, Zambia	Ed was the Technical Reviewer for an ESHIA for the development of the Zambeze Coal Mine on behalf of Riversdale Capital.
Confidential – proposed mine, South Africa	Ed was the Project Manager for an ESIA for a new proposed iron ore mine in South Africa. This application was withdrawn following baseline studies by specialist showing the existence of fatal flaws with regards to water use and location of the TSF.
	Industry
Dundee Precious Metals – Tsumeb Smelter, Namibia	Ed is the Project Director of an Agricultural Assessment to provide a consolidated management plan for improved agricultural land management, long term monitoring and mitigation of potential impacts.
Distell – South Africa	Ed was Project Manager for a number of projects for Distell in order to obtain various environmental authorisations for their brewing facilities including the one for the siting of a new waste water treatment works.
SPAR – South Africa	Ed was Project Manager for a number of energy projects undertaken for SPAR in South Africa including looking at Science Based Targets, Internal Carbon Pricing, and an ISO 50001 Energy Management System.
SCAW – South Africa.	Ed was the Project Manager for a range of Environmental Authorisations, including ESIA's, Air Emissions Licences, Water Use Licences and contaminated land assessments. These studies were undertaken for SCAW at a number of their smelter sites in Gauteng over a 5 year period.
Confidential – South Africa	Ed lead an EHS audit of a cable tie manufacturer using plastic extrusion as part of a due diligence project.
Pfizer – South Africa	Ed was the Project Manager and Lead Auditor for an EHS audit of the head offices of Pfizer in South Africa.
Sasol - Sasolburg	Ed was the Project Manager and Lead Auditor for International Cyanide Code recertification audit for the Sasol cyanide production facility at Sasolburg.
Sohar Aluminium - Oman	Ed was the Lead Auditor of Sohar Aluminium's environmental management system auditing the system against the requirements of ISO 14001 and benchmarking this facility against international requirements.
Confidential – KZN, South Africa	Lead Auditor for a due diligence audit of a white goods manufacturing company in Kwa-Zulu Natal.
Sasol – Secunda	Ed was the Lead Auditor for a third party audit of waste contractors operating on behalf of Sasol. The audit investigated compliance with South African environmental legislation and environmental best practice.
Confidential – South Africa, Kenya, UAE	Ed was the project manager for a due diligence audit of a packaging company's facilities in South Africa, Kenya and UAE.



	Infrastructure
Lesotho Highlands Development Agency - Lesotho	Ed took over as Project Manager undertaking an ESIA for the Polihali Reservoir and Western Access Road in Lesotho on behalf of the Lesotho Highlands Development Agency.
Freight Forwarders Group – Kenya and Tanzania	Ed was the Lead Auditor undertaking a re-certification audit against the requirements of the International Cyanide Code for the Freight Forwarders transportation group of companies.
Transnet Pipelines – South Africa	Ed was the Project Manager responsible for the creation and implementation of an Energy Management System for all of the pumps stations, workshops and offices for Transnet Pipelines, who pump crude oil and petroleum products from Durban to Johannesburg.
Interwaste – South Africa	Ed was the Technical Reviewer for the EIA for a new integrated waste management facility including a new landfill in South Africa against the requirements of NEMA and NEM:WA.
	Oil and Gas
Shell – South Africa	Ed was the Project Manager for various environmental authorisations in South Africa associated with the Shell GUESS program. This program related to the closure and clean up of Shell service stations.
Vopak – Richards Bay, South Africa	Ed was the Project Manager for an ESIA for a new terminal operated by Vopak at Richards Bay for the handling and storage of Liquid Petroleum Gas and Clean Petroleum Products.
Vopak – Durban, South Africa	Ed was the Project Manager for an ESIA for the expansion of the Vopak terminal at Durban Docks for the handling and storage of Liquid Petroleum Gas and Clean Petroleum Products.
Bidvest – Durban South Africa	Ed was the Project Manager for an ESIA for the expansion of the Bidvest terminal at Durban Docks for the handling and storage of Liquid Petroleum Gas and Clean Petroleum Products.
	Power
Nampower - Namibia	Ed is the Technical Reviewer for an ESIA for a biomass power plant that will use wood from encroacher bush in Namibia. This project is being funded by the European Investment Bank and it is therefore required to comply with the IFC Performance Standards.
Department for International Development – UK Government	The UK Department for International Development is providing support to medium sized renewable energy facilities (mainly hydroelectric power plants) in Uganda through the Global Energy Transfer Feed in Tariff programme (GET FIT). The project was to assess how local communities in the vicinity of these facilities could obtain power and how environmental and social safeguards for these types of facilities could be improved in the future. Ed was the lead environmental and social advisor undertaking a review of the environmental and social safeguards.
Confidential - Angola	Ed was Project Manager for a project undertaking a Strategic Environmental Assessment of locations for renewable energy facilities in Angola.
Confidential - Mozambique	Ed was the Project Manager for an ESIA to be submitted to the Mozambican authorities for the development of a unique renewable energy pilot facility.
MEMBERSHIPS	

CURRICULUM VITAE ED PERRY

IEMA	Practitioner for the Institute of Environmental Management and Assessment
IEMA	Registered Environmental Auditor
EAPSA	Registered Environmental Assessment Practitioner
PUBLICATIONS	
	<ul style="list-style-type: none"> • The Role of Socio-Economic Factors, Seasonality and Geographic Differences on Household Waste Generation and Composition in the City of Tshwane. 2016 (Wastcon).
	<ul style="list-style-type: none"> • EMS as a Tool for Integrated Business Risk Management. 2005 (various journals).
	<ul style="list-style-type: none"> • Golder Associates EMS Roadmap. 2004 (CD ROM).
	<ul style="list-style-type: none"> • Incentives to Encourage Recycling. 2002. Materials Recycling Week
	<ul style="list-style-type: none"> • Recycle of Life. 2002. Government Business
	<ul style="list-style-type: none"> • New Approaches to Management of Waste. 2002 (various journals)
	<ul style="list-style-type: none"> • Minimise the Waste – Maximise the Message. 2001
	<ul style="list-style-type: none"> • Guide to Waste Reduction on Construction Sites. 1999. Construction Confederation