



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:

Date Received:

DEA/EIA/14/12/16/3/3/2007

02 November 2020

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

The Proposed Gas to Power Powership Project at the Port of Richards Bay, Umhlatuze Local Municipality, King Cetshwayo District, Kwazulu-Natal.

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

1. ENVIRONMENTAL ASSESSMENT PRACTITIONER (EAP) INFORMATION

EAP Company Name:	Triplo4 Sustainable Solutions (Pty) Ltd		
B-BBEE	Contribution level (indicate 1 to 8 or non-compliant)	1	Percentage Procurement recognition
EAP name:	Chen Read		
EAP Qualifications:	BSC (Social Science), (cum laude) Diploma in Environmental Management		
Professional affiliation/registration:	Reg. EAP (EAPASA: 2019/347)		
Physical address:	Suite 5, The Circle, Douglas Crowe Drive, Ballito, 4420		
Postal address:	P.O Box 6595, Zimbali		
Postal code:	4418	Cell:	072 049 0888
Telephone:	032 946 3213	Fax:	-
E-mail:	chen@triplo4.com		

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, Chen Read, 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

Triplo4 Sustainable Solutions (Pty) Ltd

Name of Company:

11 May 2023

Date

3. UNDERTAKING UNDER OATH/ AFFIRMATION

I, Chen Read, 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

Triplo4 Sustainable Solutions (Pty) Ltd

Name of Company

11 May 2023

Date



Signature of the Commissioner of Oaths

11 May 2023

Date

I HEREBY CERTIFY THIS TO BE A TRUE
COPY OF THE ORIGINAL

NIKHIL HARILALL
COMMISSIONER OF OATHS
PRACTISING ATTORNEY
SUITE 21, THE CIRCLE
DOUGLAS CROWE DRIVE, BALLITO
DATE: 11/05/2023

NIKHIL HARILALL
COMMISSIONER OF OATHS
PRACTISING ATTORNEY
SUITE 21, THE CIRCLE
DOUGLAS CROWE DRIVE, BALLITO

CURRICULUM VITAE

Name of Firm:	Triplo4 Sustainable Solutions (Pty) Ltd		
Name of Staff:	Chen Read		
Position in Firm:	Senior Environmental Consultant		
Profession:	Environmental Management		
Date of Birth:	27/07/1978		
Years of Professional Experience:	> 10	Nationality:	South African / Israeli (Dual)

Professional Registrations and Memberships:

Environmental Assessment Practitioner of South Africa (EAPASA)
 International Association for Impact Assessment SA (IAIASa)
 African Circular Economy Network (ACEN) – Chapter Member for South Africa
 Green Buildings Council of South Africa (GBCSA)
 Water Institute of South Africa (WISA)
 Institute of Waste Management of Southern Africa (IWMSA)

Key Qualifications:

Chen Read is a registered EAP and a Senior Environmental Consultant with Triplo4 Sustainable Solutions conducting environmental impact assessments (EIA) as well as Water Use License Applications (WULA) for a wide variety of development projects, including road infrastructure and Industrial projects as well as waste, water and coastal management projects. Chen is also actively involved in conducting compliance auditing services, as well as developing and implementing audit protocol and programmes for compliance to environmental legal requirements, and assisting with the development of corrective and preventative action plans to address non-compliance. Chen had a key role in developing and implementing the Quality and Environmental Management System, as well as obtaining the ISO 14001 and ISO 9001 certification in 2018 for Triplo4. Chen is an accredited professional of the Green Star SA (certified with the Green Building Council of South Africa), as well as certified Carbon Footprint Analyst (SETA accredited). Her international experience includes being part of the environmental compliance team for the development of ilmenite mine in Madagascar, as well as managing the Environmental Programme in a local environmental education and training centre in Madagascar, with duties included the design of academic courses and contribution to the researching, planning, and developing of the centre.

Education:

2010 Postgraduate Diploma in Environmental Management - Newcastle University, Australia;
 2009 Diploma in Environmental Auditing and Reporting - Stonebridge Associated College, UK;
 2008 BSC (Social Science), (cum laude) - The Open University of Israel.

Additional Courses:

2022 Inside the Circular Economy: Africa Programme - Ellen MacArthur Foundation, UK;
 2019-2020 Woman On Board/ Reality Based Governance – Leadership Training Programme, Limit Breakers Global Foundation, SA;
 2019 Conduct Out-come Based Assessment –EAPASA Assessor (SETA certified), Networx, SA;
 2018 ISO 19011:2011 Guidelines for Auditing Management Systems, SHEQ National Cert, SA;
 2016-2017 Further Education and Training: Generic Management, NQF4, Ubuhle Consultant (SETA Certified);
 2016 Energy Management System, National Cleaner Production Centre (NCPC) South Africa;
 2016 Hazardous Waste Management and Legislation, Institute of Waste Management of Southern Africa (IWMSA);
 2015 Carbon Footprint Analyst course, NQF4, Terra Firma Academy (SETA Certified);
 2014 Accredited Professional: New Building Course, The Green Building Council of South Africa;
 2013 Advanced short course in Environmental Management Compliance Inspection (EMI) and Investigation, NQF 8, UNISA, South Africa;

2012 Understanding EIA – WESSA, South Africa.

Employment History:

2012 to date	Triplo4 Sustainable Solutions (Pty) Ltd, South Africa Senior Environmental Consultant
2011 to 2012	The Jewish National Fund (JNF), Durban, KZN, South Africa Environmental-Related project Co-ordinator
2006 to 2009	Ecological Centre Of Libanona, Fort Dauphin, Madagascar Environmental Programme Lecturer
2008	Rio Tinto – QMM Project, Fort Dauphin, Madagascar Assistant to the Environmental Superintendent – Construction (Intern)

Environmental Experience: Selected Projects undertaken at Triplo4:

Environmental Impact Assessments (EIA) / Basic Assessment Reports/ Environmental Management Programmes/ 24G Applications/ Amendments Applications / Strategic Environmental Assessment / Planning Projects

Year	Project Name	Client
2022	Eshowe Stormwater Upgrade – Basic Assessment	Bi Infrastructure Consultants (Pty) Ltd – for Umlalazi Municipality
	Msikaba Water Supply Scheme – Part 2 Amendment	RHDHV for Ugu DM
	Gas to Power via Powerships at Port of Richards Bay – Scoping & EIR	Karpowership SA
2021	Whetstone Phase 1 – Fuel Filling Station	Cedar Point Trading 20 (Pty) Ltd
	Mnawe Road upgrade	Bi Infrastructure Consultants (Pty) Ltd – for Maphumulo Municipality
	aMahlongwa Estuarine Management Plan	Department of Economic Development, Tourism and Environmental Affairs
	Gas to Power via Powerships at Port of Richards Bay – Scoping & EIR	Karpowership SA
2020	The Strategic Corridor Development Plan for Vryheid to Ermelo	SMEC for COGTA
	Residential Dwelling Development – Prince’s Grant Estate	Mr. Havnar
2019	Groutville D Sanitation Scheme	DKG for iLembe District Municipality
	Development Framework and Master Plan Update for the La Mercy Joint Venture	Dube TradePort and ACSA JV
	Estuarine Management Plan – 4 Estuaries	Umdoni Local Municipality
	Vulindlela Strategic Environmental Assessment	SMEC for Msunduzi Municipality
	Greater Inanda Local Area Plan (environmental input)	Zimanga Urban and Rural Design for eThekweni Human Settlement Department
2018	Effluent Pipeline - Maintenance Management Plan	Sappi Tugela Mill
	KwaDukuza Coastline - Maintenance Management Plan	KwaDukuza Local Municipality
	Malachite Business Park	Abland Propriety Limited
2017	Bellair Cluster 2 Housing Development	KZN Dept. of Human Settlements
	Yzermyn Underground Coal Mine, Mpumalanga	Atha Africa Ventures

Year	Project Name	Client
	Springvale Country Estate Residential Development	DG Investment / Springvale Country Estate
	Gasifier Development in Sappi Mandeni	Green Grid Energy
	Zinkwazi Beach Sewer System upgrade	Nyeleti Consulting for KwaDukuza Municipality
2016	Elaleni Coastal Forest Estate Residential Development	Cross Atlantic Properties 65
	Bellair Cluster 1 Housing Development	KZN Dept. of Human Settlements
	Ntshongweni Integrated Development Bulk Electrical Infrastructure	Tongaat Hulett Developments
	Ethafeni Precinct Housing Development	SMA Consultants for KwaDukuza Municipality
2015	Oceans Umhlanga Hotel & Residential Development	Edison Property Group
	Nonoti Housing Development	SMA Consultants for KwaDukuza Municipality
	Mpophomeni Shopping Centre	Dymatron (Pty) Ltd
2014	Mhlabatshane Bulk Water Supply Scheme Phase 2	Umgeni Water
	KwaDukuza Mall and Urban Precinct Development	Edison Property Group
	Lower Thukela Regional Bulk Water Supply Scheme	Black Balance Projects for iLembe DM
2013	The Stables Retirement Village	Kabod Development Group
	Nyathikazi Road upgrade	SMA Consultants for KwaDukuza Municipality
	Simbithi Eco Estate – Jacana Development	Silvermoon Properties
	P232 and D887 Roads upgrade	RHDHV for Department of Transport
2012	Steve Biko Phase 2 Housing Development	SMA Consultants for KwaDukuza Municipality
	Tugela Ferry Shopping Centre, WWTW and PFS	Copperzone 163 (Pty) Ltd

Water Use Licences and General Authorisations

Year	Project Name	Client
2021-2022	Perez Mixed Development, eThekwini Municipality	Mr Willis
2019 - 2021	Various Sugar Mills – Eston, Noodsberg, Gledhow	Illovo Sugar
2019	Springvale Country Estate Residential Development	DG Investment / Springvale Country Estate
2018	Wetstone Mixed Use Development	Edstan Group of Companies
	Southern Regional Bulk Water and Sanitation Scheme, KwaDukuza	Escongweni Engineers for iLembe DM
2017	Elaleni Coastal Forest Estate	Cross Atlantic Properties
	uMvoti River Sand Mining	Umdlov Omanyindi Resources
	Bellair Cluster 1 & 2 Housing Developments	KZN Dept. of Human Settlements
	Avondale Residential Development	The Horsewood Trust
2016	Avon Peaking Power Plant	Avon Peaking Power Plant (Pty) Ltd
	Bhamshela WWTW	Timocento (Pty) Ltd
	Coastlands Tongaat Hotel Development	Zelphy 1325 (Pty) Ltd

2015	Humberdale Landfill Site Phase 2 Expansion	Umdoni Municipality
	Tugela Ferry Shopping Centre	Copperzone 163 (Pty) Ltd
	Groutville Bulk Sanitation Scheme	DKG Project Manager and Engineers
	Birdhaven Residential Estate Development	Graham Trading & Investments
	Steve Biko Phase 2 Housing Development	SMA Consultants for KwaDukuza Municipality
2014	Dunkirk Estate Club House	The Dunkirk Estate
	Lower Thukela Bulk Water Supply Scheme	Black Balance Projects for iLembe DM

Environmental Control Officer (ECO) and Water Quality Monitoring

Year	Project Name	Client
2022	Bridge City Waste Facility	Plant Care Durban
	House Havnar at Prince's Grant Estate	Mr Havnar
2020	uMvoti River Sand Mining	Umdlov Omanqindi Resources
2019	Groutville D Sanitation Scheme	DKG for iLembe District Municipality
2018	Thompson's Bay Beach, Ballito, KZN	Nyeleti Consulting for KwaDukuza Municipality
	Avon Power Peaking Plant	Avon Power Peaking Plant (Pty) Ltd
	KwaDukuza Mall, Stanger, KZN	Edison Property Group
2017	Full time on site ECO for the Yzermyn Underground Coal Mine, Mpumalanga (project manager)	Atha Africa Ventures
	KwaDukuza Mall and Urban Precinct Development	Edison Property Group
	Warehouse facilities in Woodmead Estate	Shree Property Holdings
2016	Ridgeside Commercial Development	Shree Property Holdings
	Oceans Umhlanga Hotel & Residential Development	Edison Property Group
	Water Monitoring for Ground and Surface Water for the Avon Peaking Power Plant	Avon Peaking Power Plant
2015	Msikaba Water Supply Scheme Phase 1	RHDHV for Ugu DM
	Warehousing Facility at Dube Trade Port	Shree Property Holdings
	Lower Thukela Bulk Water Supply Scheme	Black Balance Projects for iLembe DM
2014	Tugela Ferry Shopping Centre, WWTW and PFS	Copperzone 163 Pty Ltd
	DTP Agrizone & Site wide external operational Audits	Dube TradePort Corporation
	Kranskop Bulk Water Supply Scheme	RHDHV for uMzinyathi DM
2013	Beema Bamboo Plantation Site (Bamboo to Energy project)	Green Grid Energy
	88 Compensation Residential Beach Development - Ballito	Imali Corp / @ 88

Waste Management and Audits

Year	Project Name	Client
2022	Mkondeni Medical Waste Facility (Bi-Annual External Audit since 2013)	Ecocycle Waste Solutions

	Green Corridor waste Facilitates – legal registrations	Green Corridor
	Scope oil waste facilities – legal registrations	Scope Oil
2020	External Compliance Audit – East London Waste Disposal Site	Buffalo City Municipality
	Enquiries and EMPr for new waste facility in Bridge City	Plant Care Durban
2019	Scoping Study for Implementation of Waste Efficiency within the KwaDukuza and Mandeni Municipalities	Vuthela IDM LED Support Programme
	External Compliance Audits – 4 Waste Disposal Facilities	Mossel Bay Municipality
2018	Waste Tyre Pyrolosis Plant, Gauteng - Environmental Opinion and EMPr	Cosmic Energy Africa
	Humberdale Landfill Site (Annual External Audit since 2013)	Umdoni Municipality
2017	Wadeville & Rosslyn Waste Management Facilities	Planet Care Gauteng
	Mkondeni Medical Waste Facility (Bi-Annual External Audit since 2013)	Ecocycle Waste Solutions
2016	Waste Management License (24G) for Springfield Facility	Plant Care Durban
	Glencoe Landfill Site (Annual External Audit since 2014)	Anderson Vogt Engineers (for Endumeni Municipality)

Carbon Footprint Analysis

Year	Project Name	Client
2018	Carbon Footprint Analysis – report and calculation tool	Dube TradePort Corporation
2017	Carbon Footprint Analysis – report and calculation tool	Umgeni Water
	Carbon Footprint Analysis – report and calculation tool	Karbochem Holdings
2016	Carbon Footprint Analysis – report and calculation tool	Dube TradePort Corporation
2015	Carbon Footprint Analysis– report and calculation tool	EcoCycle Waste Solutions

International Experience:

Madagascar

Languages:

	Speak	Read	Write
English	Excellent	Excellent	Excellent
Hebrew	Excellent	Excellent	Excellent



THE UNIVERSITY OF
NEWCASTLE
AUSTRALIA

Chen Sagy Read
Graduate Certificate in
Environmental Management

CHANCELLOR

VICE-CHANCELLOR
AND UNIVERSITY PRESIDENT

DEPUTY-VICE CHANCELLOR
AND UNIVERSITY SECRETARY

Admitted to the degree by authority of the Council,
the Seal of the University was affixed
on the 3rd day of September, 2010

20106142

CHEN READ

(Born 1978-07-27)

(QUALIFICATIONS: CHEN SAGY READ)

Qualification (1): **Bachelor of Arts (Social Sciences)**
Awarding body / Institution: Open University of Israel, The
Date of completion / award: 2008
Purpose of the qualification: Access to employment and to postgraduate study
Minimum entry requirement: Bagrut, comparable to the South African National Senior Certificate
Minimum duration of study: Three years
Requirements for the award:

- Coursework and examination

Level in country of origin: Undergraduate

Qualification (2): **Graduate Certificate (Environmental Management)**
Awarding body / Institution: University of Newcastle, New South Wales, Australia
Date of completion / award: 2010
Purpose of the qualification: Access to employment and further study
Minimum entry requirement: A relevant first (bachelor's) degree, or equivalent
Minimum duration of study: One year
Requirements for the award:

- Coursework and examination

Level in country of origin: Level 8 on the Australian Qualifications Framework

RECOGNITION DECISION

Qualification(s) described above	Closest comparable South African qualification / qualification type
(1)	Bachelor of Social Science
Organising Field:	Human and Social Studies
Sub-framework location:	Higher Education Qualifications Sub-framework
NQF Level (see overleaf):	7
Credits	360
(2)	Postgraduate Diploma (A Postgraduate Diploma in the specific field is not registered on the NQF)
Organising Field:	Physical, Mathematical, Computer and Life Sciences
Sub-framework location:	Higher Education Qualifications Sub-framework
NQF Level (see overleaf):	8
Credits	120

SAQA verified that, at the time of award of qualifications listed on this certificate, the institutions were part of the national systems in their countries of origin and had the right to award these qualifications.

SAQA took all reasonable steps to ensure that the qualifications are authentic.

The South African Qualifications Authority (SAQA) is mandated in terms of the NQF Act, 67 of 2008, to:

- Oversee the further development and implementation of the National Qualifications Framework (NQF);
- Advance the objectives of the NQF; and
- Co-ordinate the three sub-frameworks (outlined below).

NATIONAL QUALIFICATIONS FRAMEWORK

Sub-frameworks and qualification types	Levels	Sub-frameworks and qualification types
Higher Education Qualifications Sub-framework (HEQSF)	10	*Not determined yet
	9	*Not determined yet
	8	Occupational Certificate (Level 8)
	7	Occupational Certificate (Level 7)
	6	Occupational Certificate (Level 6)
	5	Occupational Certificate (Level 5)
General and Further Education and Training Qualifications Sub-framework (GFETQSF)	4	Occupational Certificate (Level 4)
	3	Occupational Certificate (Level 3)
	2	Occupational Certificate (Level 2)
	1	Occupational Certificate (Level 1)

Occupational Qualifications Sub-framework (OQSF)

The amended determination of the sub-frameworks as outlined above was published as Notice 891 of 2013 in Government Gazette Number 36803 of 30 August 2013.

854107

**Environmental Assessment
Practitioners Association
of South Africa**



Registration No. 2019/347

Herewith certifies that

Chen Read

is registered as an

Environmental Assessment Practitioner

***Registered in accordance with the prescribed criteria of Regulation 15. (1)
of the Section 24H Registration Authority Regulations
(Regulation No. 849, Gazette No. 40154 of 22 July 2016, of the
National Environmental Management Act (NEMA), Act No. 107 of 1998, as
amended).***

Effective: 01 March 2023

Expires: 29 February 2024

Chairperson

Registrar

