

RYAN EMSLIE JONAS



Profession	<i>Environmental Scientist</i>
Position in Firm	<i>Senior Environmental Scientist</i>
Area of Specialisation	<i>Environmental services</i>
Qualifications	<i>M.Sc (Environmental Science)</i>
Years of Experience	<i>16 Years</i>
Years with Firm	<i>1 Year</i>

SUMMARY OF EXPERIENCE

Ryan Emslie Jonas is a professionally registered Environmental Scientist and works in the field of environmental management for large infrastructure-related developments, mining and Renewable Energy projects (solar and wind energy facilities) within Africa. He has acquired 16 years (full time) consulting experience in managing and executing various application processes for a diverse range of large infrastructure developments, mining and renewable energy (solar and wind energy facilities) projects in order to obtain environmental authorisations, licenses for waste management, water uses, air emissions release and compiling and implementing environmental management programmes. Ryan has also fulfilled numerous environmental compliance monitoring functions for infrastructure-related developments (e.g. roads, pipelines, airport developments, housing and mixed-used projects), renewable energy and various mining and industrial sites throughout Southern Africa. His project management experience includes client liaison, scheduling, professional services contract (i.e. NEC3) management, progress reporting, managing sub-consultants and junior staff, invoicing and ensuring the quality of deliverables to a Client. Also proficient in tender, expression of interest and proposal writing for local as well as IFC / World Bank projects. Ryan has gained an excellent working knowledge of African (i.e. South Africa, Zambia, Kenya, Lesotho, Mauritius, Namibia) and International Finance Corporation / World Bank environmental legislative requirements for major infrastructure, renewable energy and mining developments.

PROFESSIONAL REGISTRATIONS & INSTITUTE MEMBERSHIPS

IAIA - International Association of Impact Assessment (Membership number: 5065)
SACNASP - Professional Natural Scientist (Environmental Science) Registration no: 400159/15
EAPASA - Environmental Assessment Practitioner Association (Membership number: 2019/1674)

EDUCATION

2008 – M.Sc (Environmental Science), North-West University, South Africa.
2002 - BSc (Natural Sciences), North-West University (formally PU vir CHO), South Africa

SPECIFIC EXPERIENCE

Coastal Water Discharge Permits

- Compilation and submission of Coastal Water Discharge Permits for the Strandfontein, Monwabisi and V&A site Desalination Plants, City of Cape Town, 2017 – 2018
- Coastal Water Discharge Permit Amendment for the OTMS Oil Terminal, MOGS (Pty) Ltd, 2018

Environmental Authorisation Amendment applications / EA conditions review

- Langhoogte Wind Energy Facility Part 2 Substantive EA Amendment, Ceres, SAGIT, 2019 – 2020
- Wolseley Wind Energy Facility Part 2 Substantive EA Amendment, Caledon, SAGIT, 2019 - 2020
- 150MW Haga Haga Wind Energy Facility EA Conditions review, WKN Windcurrent 2019 - 2020

Environmental Feasibility Assessments

- Water Resilience project: Site selection for the Strandfontein, Monwabisi and V&A Desalination Plants. City of Cape Town, 2017
- Simons Town Housing Development. Department of Rural Development & Land Reform, 2018

Environmental Liability Closure & Rehabilitation quantification

- Calculation of financial provision for rehabilitation activities upon mine closure for LA FARGE Tygerberg, Peak, Dortsberg and Saldanha quarries, LA FARGE, 2012-2014

Environmental Impact Assessments

- ESIA for the Network Reinforcement and Access Project (NRAP). Eswatini Electricity Company, 2021 – 2022
- Mine Residue Facilities Expansion project. Glencore, 2022 -Current
- EIA for Wind Energy Facility Cluster, Northern Cape. Client – Confidential 2022 – Current
- 230MW Doornfontein PVSEF project, Veldfrift, Bergrivier Local Municipality, Western Cape. GPIPD Holding (Pty) Ltd, 2019 -2020
- 150MW Kruispad PVSEF project, Bergrivier Local Municipality, Western Cape. GPIPD Holding (Pty) Ltd, 2019 – 2020
- Expansion of the Saldanha Bay oil jetty and the construction of new crude oil pipeline system for the crude oil storage facility, Saldanha Bay, MOGS, 2017 – 2018
- HDPE Pipeline for Crude Oil Storage Tank Farm, Saldanha Bay, MOGS, 2017
- Blanco 400/132kV substation and powerline project, Eskom, 2015
- EIA for the Leeuwenkuil Vineyard Waste Water Treatment Works, Leeuwenkuil Family Vineyards, 2013-2014
- EIA for the Pearly Beach Sewage Treatment Works, GIBB, 2013-2014
- Xstrata Vekeerdepán Coal Mine Extension project, Xstrata, 2010-2012
- Waste Management Licence and assistance with completion of an Air Emissions Licence for the Flexilube Meyerton Oil Re-refinery expansion project, Flexilube, 2010-2012

- Construction of Ekangala Waste Water Treatment Works, Department of Water Affairs, 2009-2010
- Upgrade (expansion) to the Sunderland Ridge Waste Water Treatment Works, City of Tshwane, 2008-2009
- Construction of Morgenzon Waste Water Treatment Works, Lekwa Municipality, 2009-2010
- Tembisa-link gas pipeline realignment project, SASOL, 2009-2010
- Gas pipeline realignment through Ekurhuleni and Mogale City, SASOL, 2009-2010
- Soland Park residential development, Masingita Developments, 2008-2010
- Construction of Mankwe Hotel and Conference Centre, Mankwe Hotels, 2007-2008
- Construction of Particle Board Manufacturing Plant, William Tell 2007-2008

Basic Assessments for the following projects:

- Witzenberg Regional Cemetery Sites, Witzenberg Municipality. 2021 - Current
- Borrow Pits project, Clarkebury, Eastern Cape, Eastern Cape Department of Transport, 2021
- 140 MW Wind Energy Facility project, Western Cape Client – Confidential, 2020
- Car Park Extension at Koeberg Nuclear Power Station, Eskom, 2017
- Hout Bay Dune area rehabilitation, City of Cape Town, 2014- 2015
- Sea Point and Mouille Point promenade upgrade, City of Cape Town, 2014 -2015
- Paardevlei Integrated Storm Water & Ecological Management System (ISW&EMS), Somerset West, Paardevlei Properties, 2013-2014
- Eskom Wolfkop 66/22kV substation and powerline, Eskom 2012-2013
- Rehabilitation of Blaauwpan and associated stormwater channel, Airports Company South Africa, 2008-2009
- Northern Access Road Development at OR Tambo International Airport, Airports Company South Africa, 2008-2009
- Cradle of Pilanesberg Lodge, Pilanesberg National Park, 2007-2008
- Construction of Staff Houses in Pilanesberg National Park, 2007-2008
- Bellevue residential development in GeelhoutPark, Rustenburg, Private Developer, 2007-2008
- Villa Del Country Estate, Private Developer, 2007-2008
- Marang Motor Retail, Hotel and Residential Development, Marang Estate, 2007-2008
- Olifants River Bridge upgrade, Aurecon, 2015

Environmental Management Plans / Programmes

- ESMP for the Network Reinforcement and Access Project (NRAP). Eswatini Electricity Company, 2021 – 2022

- Water Resilience project: Environmental Management Programme, City of Cape Town, 2017 – 2018
- Simandou Port and Infrastructure (IFC/ World Bank) Bank Feasibility project, Guinea. WorleyParsons, 2015
- Anglo Greenside Colliery Environmental Management Programme Amendment for an expansion to the existing Co-Disposal Facility, Anglo American, 2012
- De Beers Kimberley Mines Environmental Management Programme Revision, De Beers Mines Consolidated, 2012
- Environmental Management Programme compilation for Xstrata Tweefontein Mine Optimisation project, Xstrata, 2010-2012
- Annual revision (update) of Exxaro's Zincor Industry Environmental Management Master Plan Upgrade, Exxaro, 2010-2012

Environmental Project Management

- Bird and Bat Monitoring for Wind Energy Facilities, Eastern Cape. Client Confidential 2022
 - Mine Residue Facilities Expansion project. Glencore, 2022 -Current
 - EIA for WEF Cluster, Northern Cape. Client Confidential, 2022
 - Witzenberg Regional Cemetery Sites, Witzenberg Municipality, 2021
 - Borrow Pits project, Clarkebury, Eastern Cape, Eastern Cape Department of Transport, 2021
 - 230MW Doornfontein PVSEF project, Veldfrift, Bergrivier Local Municipality, Western Cape. GPIPD Holding (Pty) Ltd, 2019 -2020
 - 150MW Kruispad PVSEF project, Bergrivier Local Municipality, Western Cape. GPIPD Holding (Pty) Ltd, 2019 - 2020
 - 140 MW Wind Energy Facility project, Western Cape Client – Confidential 2020
 - Langhoogte Wind Energy Facility Part 2 Substantive EA Amendment, Ceres, SAGIT, 2019 – 2020
 - Wolseley Wind Energy Facility Part 2 Substantive EA Amendment, Caledon, SAGIT, 2019 – 2020
 - Expansion of the Saldanha Bay Oil Jetty and the construction of new crude oil pipeline system for the crude oil storage terminal, Saldanha Bay, MOGS, 2018
 - Koeberg Nuclear Power Station Wellfields Optimisation project & WULA, Eskom, 2018
 - Transient Interim Storage Facility project at Koeberg Nuclear Power Station, Eskom, 2015 – 2018
 - Car Park Extension at Koeberg Nuclear Power Station, Eskom, 2017
 - Coastal Water Discharge Permit at Koeberg Nuclear Power Station, Eskom, 2017 – 2018
 - Geotechnical & Land surveyor assessment of the Car Park Extension at Koeberg Nuclear Power Station project, Eskom, 2018
-

Gap Analysis

- A comparative analysis of New Denmark Colliery's existing environmental authorization applications with regards to current environmental legislation and new FEL3 requirements, specifically for the North Shaft Re-opening project. Anglo American, 2010

Waste Management Licence applications

- Compilation and submission of waste management licence applications and Basic Assessment Process for the closure of seven landfill sites within the Matzikama Local Municipality and three landfill sites in the Overstrand Local Municipality, Department of Environmental Affairs, 2013-2014

Water Use Licence applications

- Magareng, Thorncliffe & Helena Mines WUL Amendments, Glencore, 2022
- SANRAL Olifants River Bridge upgrade project, Aurecon, 2015
- Eskom's Vierfontein – Viljoenskroon 88kV Refurbishment project, Eskom, 2014
- Apollo Brick Manufacturing Plant, Apollo Brick, 2014
- Eskom's Wolfkop 66/22kV substation and powerline project, Eskom, 2014
- Proposed Langeberg Residential Development, C5I, 2015
- Atlantis Housing Development, City of Cape Town, 2015
- Pearly Beach Sewage Treatment Works, GIBB, 2015
- Proposed Beacon Valley Housing Development, City of Cape Town, 2015
- Proposed Erf 3418 Industrial Development, VDMV Property Group, 2014
- Inyanda Mine Siding development, Exxaro, 2011

Air Emission Licence Process

- Compilation of an Air Emission Licence application (AEL) for the Gascon combustion installation, Gascon, 2022
- Compilation of an Air Emission Licence application (AEL) for the Maitland Crematorium, City of Cape Town, 2014

Environmental Compliance monitoring

- Project oversight of ECO services for Copperton Wind Energy Facility, Northern Cape, Elawan, 2019 -2020
- Annual IFC external compliance audit for operational Wind Energy Facility, Worcester, Client – Confidential, 2019 -2020
- Project oversight of ECO services for Val De Vie Estate, Paarl, Val De Vie Estate, 2019 -2020
- Upgrade to SANRAL National Road 7 between Melkbos and Atlantis, SANRAL, 2013-2015
- Housing Development on ERF 934, Pelican Park, Cape Town, POWER Development, 2014-2015

- MR302 road realignment and upgrade project, Aurecon, 2012-2015
- De Velde Residential Development, Somerset West, Balwin Properties, 2012-2015
- Elgin Anaerobic Digester Installation project, Bau Afrika Engineers, 2014
- Construction of a retaining wall structure for the Silwerstroom Resort, C2C Engineers, 2014
- Construction and installation of a 66kV electrical cable within the Stellenbosch municipal area, Aurecon, 2013-2014
- Construction of a 66kV underground electrical cable from an existing substation to the proposed 66/11kV substation, Hermanus, Aurecon, 2014 -2015
- Audit of Xstrata Alloys Carbon Division five industrial site operations situated between Witbank and Middelburg, Xstrata, 2012
- Audit of the Exxaro Tshikondeni mine clean and dirty water management measures as per Regulation GN704 of NWA, 1998 and the issued Water Use Licence, Exxaro, 2011
- Auditing for the construction of remote aprons on Taxiway Papa, Northern Ring Road, extension of Charlie Taxiway and extension of Golf Apron at OR Tambo International Airport. Airports Company South Africa, 2008-2010
- Auditing for Sunderland Ridge Waste Water Treatment Works upgrade project. City of Tshwane, 2008-2009
- Auditing for Dan Nkabinde Bridge reconstruction, Tembisa, City of Johannesburg, 2008-2009
- Auditing for PetroNet St James Transfer Station construction, PETRO SA, 2008
- Pre-construction monitoring to establish an environmental baseline of the biophysical environmental aspects (namely baseline geophysical, geotechnical, geohydrological, surface water and ecological survey) and to compile an Environmental Management Plan as input into the Construction Specification for the TCTA Mokolo Crocodile Water Augmentation Project (MCWAP), Trans Caledon Tunnel Authority, 2009-2010

CONTINUED PROFESSIONAL DEVELOPMENT

Presentation

Master's project poster presentation at Zoological Society of South Africa (Rhodes University)

PERSONAL DETAILS

Nationality – South African

Date of Birth – 1979-11-20

Domicile – Cape Town, South Africa

Languages

English – Fluently spoken and written

Afrikaans – Fluently spoken and written

isiZulu - Basic comprehension

Spanish - Basic comprehension

German- Basic comprehension

**Environmental Assessment
Practitioners Association
of South Africa**



Registration No. 2019/1674

Herewith certifies that

Ryan Jonas

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



herewith certifies that

Ryan Emslie Jonas

Registration Number: 400159/15

is a registered scientist

in terms of section 20(3) of the Natural Scientific Professions Act, 2003
(Act 27 of 2003)
in the following field(s) of practice (Schedule 1 of the Act)

Environmental Science (Professional Natural Scientist)

Effective **13 May 2015**

Expires **31 March 2024**



Chairperson

Chief Executive Officer





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

PROPOSED DEVELOPMENT AND UPGRADING OF INFRASTRUCTURE WITHIN THE GREAT FISH RIVER NATURE RESERVE, EASTERN CAPE PROVINCE

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:	JG Afrika (Pty) Ltd		
B-BBEE	Contribution level (indicate 1 to 8 or non-compliant)	1	Percentage Procurement recognition 135%
EAP name:	Ryan Jonas		
EAP Qualifications:	M.Sc (Environmental Science)		
Professional affiliation/registration:	<ul style="list-style-type: none"> • EAPASA - Environmental Assessment Practitioner Association (Membership number: 2019/1674) • SACNASP - Professional Natural Scientist (Environmental Science) Registration no: 400159/15 • IAIA - International Association of Impact Assessment (Membership number: 5065) 		
Physical address:	14 Central Square Pinelands, Cape Town, 7405		
Postal address:	PO Box 3561, Pinelands		
Postal code:	7430	Cell:	-
Telephone:	021 530 1800	Fax:	-
E-mail:	jonasr@jgafrika.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, RYAN EMSLIE JONAS, 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:

N/A

Ryan Emslie

Signature of the Environmental Assessment Practitioner

JG AFRIKA (PTY) LTD

Name of Company:

14 JULY 2023

Date

3. UNDERTAKING UNDER OATH/ AFFIRMATION

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

Ryan Emslie

Signature of the Environmental Assessment Practitioner

JG AFRIKA (PTY) LTD

Name of Company

14 JULY 2023

Date

DJ Burgin

Signature of the Commissioner of Oaths

COMMISSIONER OF OATHS
DAWN JANET BURGIN
9/1/8/2 (R/O) KZN (PIETERMARITZBURG)
6 PIN OAK AVENUE, HILTON

14-07-2023

Date

Details of EAP, Declaration and Undertaking Under Oath

CHERIZE COETZEE (née MATTHEUS)



Profession	Environmental Consulting
Position in Firm	Environmental Scientist
Area of Specialisation	Environmental Impact Assessments, Environmental Management Programmes, Environmental Monitoring & Compliance, Water Use Authorisations, Environmental Screening Assessments
Qualifications	MSc (Zoology), BSc (Hons) (Zoology), BSc (Biological Sciences)
Years of Experience	10 Years
Years with Firm	10 Years

SUMMARY OF EXPERIENCE

Cherize is an Environmental Scientist with JG Afrika (Pty) Ltd with 10 years' experience. Through her postgraduate studies she has conducted research in the rocky shore habitat and estuarine systems.

She has, over the years, gained experience with Basic Environmental Impact Assessments (BA), Environmental Management Programmes (EMPr), Environmental Compliance Monitoring, Licence Applications for Waste Management activities, Application for Water Use Authorisations, and Pre-Application Environmental Screening Assessments. She has been involved with a wide range of projects, amongst others, substation upgrades, augmentation of bulk water supply systems and bulk sewer infrastructure, bridge and causeway reconstructions, road upgrades, wind farm establishment, etc.

Cherize is particularly interested in water resource management and hopes to make a significant contribution to the environment.

PROFESSIONAL REGISTRATION

IAIASa - Member of the International Association for Impact Assessors South Africa

EDUCATION

- 2004 - Matric** – Framesby High School, Port Elizabeth
- 2008 - BSc (Biological Sciences)** - Nelson Mandela University
- 2009 - BSc Honours (Zoology)** - Nelson Mandela University
- 2013 - MSc (Zoology)** - Nelson Mandela University

SPECIFIC EXPERIENCE

JG Afrika (Pty) Ltd (Previously Jeffares & Green (Pty) Ltd)

2013 – Date

Position – Environmental Scientist

2023

King's College High School Campus and associated infrastructure, Jeffreys Bay, Kouga Local Municipality - Basic Assessment for Environmental Authorisation and Water Use Licence. Client: Victory4All Foundation Trust.

Wind Energy Facility on Farm RE/267 De Punt (The Point), west of the Olifants River, Matzikama Local Municipality, Western Cape Province – Desktop Environmental Screening Assessment Report. Client: Avianto Energy (Pty) Ltd

Brakpoort Photovoltaic Solar Facility, Victoria West, Northern cape – Environmental Pre-construction conditions. Client: Tewa Power (Pty) Ltd.

Upgrading of Centerton Sewer Pump Station in Hankey Town, Kouga Local Municipality - Environmental Control Officer. Client: Kouga Local Municipality.

Extension of Duine Road in Pellsrus, Jeffreys Bay, Kouga Local Municipality - Basic Assessment for Environmental Authorisation. Client: Kouga Local Municipality.

2022

Sea Breeze Housing Development on Portion 125 of the Farm Estate Klein Zeekoei River No. 335, Jeffreys Bay, Eastern Cape, within the Kouga Local Municipality – Water Use Licence Application. Own Haven Housing Association.

Arlington Multiple-Use Development on Erven 3988, 4195 and 6991 in Walmer, Gqeberha, Nelson Mandela Bay Municipality – Scoping and Environmental Impact Report. Client: Adendorff Architects and Interiors.

Housing Development on Remainder of Erf 17, Remainder of Erf 250 and Erf 2326, Hankey, Kouga Local Municipality - Environmental Control Officer. Client: Kouga Local Municipality.

Mimosa Village Residential Development on Erven 256- 279 Fairview along Mimosa Road, Gqeberha, within the Nelson Mandela Bay Municipality - Basic Assessment for Environmental Authorisation. Client: Metroplan.

Development of a Lungisisa Indlela Village (LIV) Lukhanyiso Makhanda on Brakkefontein Farm, 243 (Remaining Extent), within the Makana Local Municipality - Basic Assessment for Environmental Authorisation and Water Use Licence Application. Client: LIV Lukhanyiso.

Social Housing Development and associated infrastructure on Remaining Extent of Erf 8709 Wells Estate (Phase 3), Gqeberha, Nelson Mandela Bay Municipality – Basic Assessment. Client: Coega Development Corporation.

Solar PV Facility on a Portion of Erf 1 Parsons Vlei (Parsons Power Park), Gqeberha, Nelson Mandela Bay Municipality – Water Use Authorisation Application. Client: Silikhaya Properties (Pty) Ltd.

2021

Sewer Rising Main between Apiesdraai Pump Station and Cormorant Pump Station along Dolphin Drive, Jeffreys Bay, Kouga Local Municipality – Water Use Licence Application. Client: C Max investments 276 (Pty) Ltd.

Storage Dam on Portion 1 on Farm Rietfontein 594 Uitenhage, Nelson Mandela Bay Municipality -. Client: Calvus Properties (Pty) Ltd.

Extension of Duine Road in Jeffreys Bay, Kouga Local Municipality - Basic Assessment for Environmental Authorisation and Water Use Authorisation Application. Client: Kouga Local Municipality.

Infrastructure Development and Upgrades in the Great Fish River Nature Reserve - Basic Assessment for Environmental Authorisation and Water Use Authorisation. Client: Eastern Cape Parks Tourism Agency.

2020

Upgrading of the Sanitation System in Hankey Town and Old Hankey Town, Kouga Local Municipality - Basic Assessment for Environmental Authorisation, Water Use Licence Application and Environmental Control Officer. Client: Kouga Local Municipality.

Maintenance and Upgrade of the Nelson Mandela Museum in Qunu near Mthatha, King Sabata Dalindyebo Local Municipality – Water Use Licence Application. Client: BVi Consulting Engineers on behalf of the National Department of Public Works.

Upgrading and Refurbishment of the Waainek Bulk Water Supply, near Grahamstown – Environmental Control Officer. Client: Bosch Projects (Pty) Ltd on behalf of Makana Local Municipality.

Establishment of Material Sources associated with the Upgrading of Main Road R335 from Motherwell to Addo within the NMBM and Sundays River Valley Local Municipality – Basic Assessment for Environmental Authorisation. Client: GIBB (Pty) Ltd on behalf of SANRAL.

2019

Refurbishment and Upgrade of the Alicedale Water Treatment Works and Riebeek East Bulk Water Supply (Phase 1) – Environmental Control Officer. Client: Makana Local Municipality

Upgrading and Refurbishment of the Waainek Bulk Water Supply, near Grahamstown – Environmental Control Officer. Client: Bosch Projects (Pty) Ltd on behalf of Makana Local Municipality.

Upgrading of R335 from Motherwell to Addo within the Nelson Mandela Bay Municipality and Sundays River Valley Local Municipality – Water Use Authorisation. Client: GIBB (Pty) Ltd on behalf of SANRAL.

Morgan's Bay and Igxara Sanitation Systems and Wastewater Treatment Works – Environmental Screening Assessment, Basic Assessment and Water Use Licensing. Client: iX Engineers on behalf of the Amathole District Municipality.

2018

Bayview Wind Farm near Port Elizabeth, Eastern Cape Province - Water Use Authorisation. Client: Atlantic Renewable Energy Partners (Pty) Ltd

Establishment of the Sonop Single Turbine within the Coega Industrial Development Zone, within the Nelson Mandela Bay Municipality, Eastern Cape Province - Environmental Control Officer. Client: Avianto Properties (Pty) Ltd

Upgrade and Expansion of the Hofmeyr Sanitation System, Eluxolweni, Chris Hani District Municipality - Environmental Control Officer. Client: JG Afrika (Pty) Ltd on behalf of the Chris Hani District Municipality.

Routine Road Maintenance of Riet River Access Road (gravel road), near Port Alfred, Ikwezi Local Municipality – Environmental Screening Assessment and Basic Assessment. Client: Madan Singh Bester & Associates cc on behalf of the Eastern Cape Department of Roads and Public Works.

Implementation of Road Safety Measures and Rehabilitation of National Route R75 Section 1 between km 0.0 and km 13.0 – Port Elizabeth to Despatch, Nelson Mandela Bay Municipality (NMBM) - Environmental Control Officer. Client: SMEC South Africa (Pty) Ltd on behalf of SANRAL.

Construction and Upgrading of Glenhurd Drive, Port Elizabeth, NMBM - Environmental Control Officer. Client: Uhambiso Consult (Pty) Ltd on behalf of NMBM.

Mixed-Use Residential Development in Kwanobuhle Extension 11: Uitenhage, NMBM – Phase 4 – Environmental Control Officer. Client: Lukhozi Consulting Engineers (Pty) Ltd on behalf of NMBM.

2017

Demolition of Telkom Park (former Boet Erasmus) Stadium, Port Elizabeth, NMBM – Basic Assessment for Environmental Authorisation. Client: Bosch Projects (Pty) Ltd on behalf of the Mandela Bay Development Agency (MBDA).

Augmentation of the Driftsands Collector Sewer - Phase 1, Port Elizabeth, NMBM – Environmental Control Officer. Client: Bosch Projects (Pty) Ltd on behalf of NMBM.

Upgrading and Refurbishment of the Waainek Bulk Water Supply, near Grahamstown – Basic Assessment for Environmental Authorisation. Client: Bosch Projects (Pty) Ltd on behalf of Makana Local Municipality.

2016

Establishment of a Wastewater Recycling and Treatment Facility in Uitenhage, NMBM – Basic Assessment for a Waste Management Licence. Client: Xtreme Projects (Pty) Ltd.

Upgrading of the James Kleynhans Bulk Water Supply in Grahamstown, Phase 1 – Environmental Control Officer. Client: Bosch Projects (Pty) Ltd on behalf of Makana Local Municipality.

Upgrading of Main Road R335 from Motherwell to Addo within the NMBM and Sundays River Valley Local Municipality – Basic Assessment for Environmental Authorisation. Client: GIBB (Pty) Ltd on behalf of SANRAL.

Development Storage Area on the Remainder of Cuyler Manor Farm No 322 on the corner of Mel Brooks and Algoa Road in Uitenhage, NMBM – Environmental Screening Assessment. Client: Motorvia

2015

Augmentation of the Kwazakhele Bulk Sewer (Phase 3) – Basic Assessment Report for an Environmental Authorisation, and Water Use Licence Application. Client: AfriCoast Consulting Engineers (Pty) Ltd on behalf of the Nelson Mandela Bay Municipality.

Construction of Sludge Ponds at the Patensie Water Treatment Works – Basic Assessment for a Waste Management Licence. Client: Siroccon International (Pty) Ltd on behalf of the Kouga Local Municipality.

Upgrading of the Patensie Water Treatment Works and Construction of Infrastructure - Environmental Control Officer. Client: Siroccon International (Pty) Ltd on behalf of the Kouga Local Municipality.

2014

Re-gravelling of roads in Adelaide - Environmental Screening Assessment and Environmental Management Programme. Client: Alvodex Engineering.

Walmer Stormwater Detention Ponds and Associated Infrastructure in the NMBM – Environmental Management Programme. Client: JG Afrika (Engineering Division) on behalf of the NMBM.

Reconstruction of an Existing Causeway across the Sundays River at Kirkwood Prison – Application for a General Authorisation for Water Use Activities. Client: BVi Consulting Engineers on behalf of Eastern Cape Department of Public Works.

Rehabilitation of the John Tallant Road, Deal Party, Port Elizabeth – External environmental review of the Draft Basic Assessment Report. Client: GIBB Engineering & Architecture on behalf of the NMBM.

2013

Replacement of Chatty Valley Collector Sewer, Bethelsdorp, NMBM – Water Use Licence Applications. Client: Madan Singh Bester & Associates cc on behalf of the NMBM.

Reconstruction of the Sand River Bridge on MR00391, St Francis Bay (Kouga Local Municipality) – Basic Assessment Report, General Authorisation and Environmental Control Officer. Client: BVi Consulting Engineers on behalf of Eastern Cape Department of Roads and Public Works.

Redhouse Chelsea Arterial Network – Assisted with Water Use Licence Applications. Client: Aecom Engineers on behalf of the NMBM.

Bulembu 66kV Substation Upgrade, King Williams Town – Environmental Control Officer. Client: Eskom Holdings Limited.

Bulk Stormwater Infrastructure Installation for Wells Estate Phase 3 Residential Development (NMBM), Extension 1 & 2 – Environmental Control Officer. Client: Hatch Goba (Pty) Ltd on behalf of the NMBM.

Upgrading of the James Kleynhans Bulk Water Supply in Grahamstown, Phase 1 – Environmental Control Officer. Client: Bosch Stemele (Pty) Ltd on behalf of Makana Local Municipality.

Department of Science & Technology and National Research Foundation (DST-NRF Internship)

Apr – Jun 2013

Position – Postgraduate Research Intern at Centre for African Conservation Ecology (ACE) (NMMU)

- Assist with research-related tasks specializing in the fields of conservation biology and ecology.
- Collection of faecal samples of herbivore species within the Addo Elephant National Park and recording of GPS positions for each collection - Collaborative project through ACE (NMMU) and Laboratoire d' Ecologie Alpine (LECA) Grenoble, France, entitled 'DNA meta-barcoding of the dietary contents of herbivore species in South Africa'.

Nelson Mandela Metropolitan University

2009 - 2011

Position – Chief Zoology Practical Co-ordinator

- Assist undergraduates with zoology practicals, marking and correcting their practical reports, co-ordinating fellow demonstrators, and collating marks.

CONTINUED PROFESSIONAL DEVELOPMENT

Courses

2014 - Environmental Impact Assessment Workshop

2015 - 2014 EIA Legal Regime Workshop, 2014 EIA Regulations and associated templates training session, NEMA 2014 EIA Regulations: Information Session, IMBEWU – 2014 EIA Legal Regime Workshop

2016 - Waste Legislation course, IAIAAsa 2016 National Conference

2017 - South African Roads Federation & SANRAL: Environmental Impact Assessment Regulations

PERSONAL DETAILS

Nationality – South African

Date of Birth – 1986/07/15

Domicile – Port Elizabeth, South Africa

Languages

English – Very Good

Afrikaans – Very Good

Xhosa - Poor