



Environmental Assurance (Pty) Ltd

Employee Curriculum Vitae

CORRIE RETIEF
SENIOR ENVIRONMENTAL
CONSULTANT
Environmental Assurance
Environmental consulting

ENVIRONMENTAL ASSURANCE (PTY) LTD

394 Tram Street, New Muckleneuk, Pretoria, 0181

T : 012 460 9768 ; M : 082 852 2134; F : 012 460 3071 ; E mail : corrie@envass.co.za

Date of Birth : 24 August 1982; Place of Birth : South Africa

Ethnic Group and Gender : White Male ; Disabilities : None

AREAS OF EXPERTISE

- Basic Assessment Reports
- Mining Right Applications
- Public Participation Processes
- Sustainable Project Delivery
- Environmental Impact Assessments
- Waste License Applications
- Project Management
- Environmental Audit Reports
- Environmental Management Plans
- Report Writing

WORK EXPERIENCE AND SKILLS

Corrie Retief is an Environmental Scientist with more than 10 years of experience in applying the principles of Integrated Environmental Management, and in applying the Environmental Legislation to a number of development projects and initiatives in Southern Africa. He has co-ordinated and managed number of diverse projects and programs related to the Environment and Waste within both the public and private sectors and for national, multi-national and international companies. His interpersonal and organisational skills have enabled him to efficiently direct these projects from initiation to implementation. Furthermore his training in sustainability and sustainable project delivery has helped him to deliver profitable sustainability into customers operations throughout the asset lifecycle.

A significant element of public participation is required throughout the life cycle of an EIA process. Corrie has successfully liaised with interested and affected parties, ensuring that all communication procedures and dialogues are open and transparent, and that capacity building is conducted where necessary. His proficient report-writing skills have been utilised for the compilation of a wide variety of reports, which include but is not limited to Basic Assessment Reports, Scoping and Environmental Impact Assessment Reports, Environmental Management Plans (Planning, Construction, Operation and Decommissioning), Environmental Audit Reports, Opportunities and Constraints Analyses, Feasibility studies, Waste License Applications, Water-Use Application Reports and Mining Right Applications.

CAREER HISTORY

Employer
Period

ENVIRONMENTAL ASSURANCE (PTY) LTD

May 2015– Current



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Position Responsibilities

Senior Environmental Consultant

Responsible for the management of the environmental authorisations department. This include but is not limited to :

- Project management
- Financial management
- Business development
- Liaising with clients
- Liaising with relevant authorities
- Procurement and management of Sub-consultants
- Ensure Health and Safety Compliance of project teams
- Conducting Environmental risk assessments
- Environmental site screening, investigation and evaluations
- Environmental legal screenings
- Environmental feasibility studies
- Environmental impact assessments
- Basic assessments
- Environmental compliance auditing
- Compilation, implementation and monitoring of environmental management plans.
- Waste Management
- Waste Disposal site selection screenings
- Waste license applications
- Water-Use License Applications
- Mining Right applications
- Managing and facilitating public participation
- Sustainability and Sustainable project delivery
- Teams sustainability Software
- Virtual Mining Solutions

EDUCATION AND QUALIFICATIONS

University of South Africa, BA Hons Geography - 2007
University of South Africa, BA Environmental - 2005

PROFESSIONAL STATUS Registration Membership

SACNASP - Professional Natural Scientist



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CONTINUED PROFESSIONAL DEVELOPMENT

COURSE	INSTITUTION	COMPLETED
Integrated Waste Management (Awaiting Certificate)	Centre for Environmental Management, University of Potchefstroom	2017
Environmental Legal Update Training	MacRobert Attorneys	2017
Environmental Management	University of Pretoria	2014
SEAL Sustainable Design Lead Practitioner Course	Worley Parsons RSA	2013
Environmental Compliance	University of Pretoria	2013
ISO14001 Requirements	Training in Quality Management Systems	2009
ISO14001 Internal Auditor	Training in Quality Management Systems	2009

PROJECT EXPERIENCE

Project Name:	Afrisam Dudfield WULA Audit
Client	Afrisam
Project Summary:	External Water Use License Audit for the Dudfield Factory
Involvement:	2017 - 2017
Location:	Lichtenburg, Northwest Province, SA
Project Name:	Lomoteng Specialist Studies
Client	Lomoteng Mine
Project Summary:	Rehabilitation Strategy and Implementation Plan (RSIP) and Update of Integrated Waste and Water Management Plan (IWWMP).
Involvement:	2017- Current
Location:	Postmasburg, Northern Cape Province, SA
Project Name:	Evraz Vametco
Client	Evraz
Project Summary:	EMPr Performance Assessment for Evraz Vametco Mine
Involvement:	2017- 2017
Location:	Brits, Northwest Province, SA
Project Name:	Black Chrome Mine



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Client	Sail Minerals (Pty) Ltd
Project Summary:	EMPr Performance Assessment for Black Chrome Mine
Involvement:	2017- 2017
Location:	Burgersfort, Limpopo Province, SA
Project Name:	Eastplats Crocodile River Mine Tailings Storage Facility GN704 Audit
Client:	Barplats Limited
Project Summary:	GN704 Audit if the Crocodile River Mine Tailings Storage Facility
Involvement:	2016- 2016
Location:	Brits, Northwest Province, SA
Project Name:	Harmony Kusasalethu and Deelkraal Mines GN704 Audit
Client:	Harmony Gold
Project Summary:	GN704 Audit of the Kusasalethu and Deelkraal Mines
Involvement:	2016- 2016
Location:	Carletonville, Gauteng, Republic of SA
Project Name:	Amandelbult Mine Complex EMPr and ROD Audit
Client:	Anglo Platinum
Project Summary:	EMPr Performance assessment and ROD compliance audit of the Amandelbult mining complex
Involvement:	2016- 2016
Location:	Northam, Limpopo, SA
Project Name:	Union Mine EMPr Performance Assessment
Client:	Anglo Platinum
Project Summary:	EMPr Performance assessment Union Mine Complex
Involvement:	2016- 2016



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Location:	Northam, Limpopo, SA
Project Name: Consultant	Gautrain Independent Environmental Consultant
Client:	Bombela Concession Company
Project Summary:	Independent Environmental Consultant for the Gautrain Rapid Rail System
Role and Responsibilities:	Responsible monthly compliance audits and the annual yearly compliance audits.
Involvement:	2015- <u>Current</u>
Location:	Johannesburg/Pretoria, SA
Project Name: Assessment	Hudson Rubber Contaminated Land Assessment
Client:	Hudson Rubber
Project Summary:	Contaminated Land Assessment of Hudson Rubber Plant
Role and Responsibilities:	Contaminated Land Assessment and Overall Project Management
Involvement:	2016- 2016
Location:	Pretoria, Gauteng, SA
Project Name:	Paling Mine Waste Assessment
Client:	PMG (Pty) Ltd
Project Summary:	Waste Assessment for the proposed Paling Mine Waste Rock Dumps.
Role and Responsibilities:	Responsible for the Waste Assessment of waste rock samples
Involvement:	2016- 2016
Location:	Postmansburg, Northern Cape, SA
Project Name:	Paling Mine WULA
Client	PMG (Pty) Ltd
Project Summary:	Water use license application for the proposed Paling Mine.



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Role and Responsibilities:	Responsible for the water use license application and overall project management.
Involvement:	2015- 2017
Location:	Postmansburg, Northern Cape, SA
Project Name:	Eastplats Waste Classification
Client:	Eastern Platinum Limited
Project Summary:	Waste Classification of all waste facilities for the Zandfontein, Crocette and Maroelabuilt mine sections.
Role and Responsibilities:	Responsible for the waste classification and overall project management.
Involvement:	2015- 2015
Location:	Brits, Northwest Province, SA
Project Name:	Milsell Tailings Facility
Client:	SAMANCOR Chrome Limited
Project Summary:	EIA, waste license and water-use license for the expansion of the Millsell Tailings facility.
Role and Responsibilities:	Responsible for the overall project management.
Involvement:	2015- 2017t
Location :	Marikana, Northwest Province , SA
Project Name:	De Beers Voorspoed Diamond Mine
Client:	De Beers
Project Summary:	Internal ISO14001 Audit for the Voorspoed Diamond Mine.
Role and Responsibilities:	Co-Auditor for internal ISO14001 compliance audit.
Involvement:	2015-2015
Location:	Kroonstad, Free State Province , SA
Project Name:	Mamatwan EIA
Client:	ENRC Africa
Project Summary:	Environmental Impact Assessment for a new manganese mine section.



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Role and Responsibilities:	Responsible for the overall project management.
Involvement:	2015- <u>Current</u>
Location:	Near Hotazel, Gauteng, SA
Project Name:	Elansdrif WULA
Client:	SAMANCOR Chrome Limited
Project Summary:	Integrated water-use license for a new opencast mine section.
Role and Responsibilities:	Responsible for the overall project management.
Involvement:	2015- <u>Current</u>
Location:	Marikana, Northwest Province, SA
Project Name:	Kongoni WULA
Client:	ENRC Africa
Project Summary:	Integrated water-use license application for new proposed manganese mine.
Role and Responsibilities:	Responsible for the overall project management.
Involvement:	2015- <u>Current</u>
Location:	Near Hotazel, Northern Cape Province, SA
Project Name:	Lynca Meats EIA
Client:	Lynca Meats
Project Summary:	Environmental Impact Assessment for the expansion of abattoir facility.
Role and Responsibilities:	Responsible for the overall project management.
Involvement:	2015- 2016
Location:	Meyerton, Gauteng, SA
Project Name:	Blinkpan Audits
Client:	Makoya Group
Project Summary:	Quarterly legal and compliance audits for Highveld and Blinkpan coal sidings.
Role and Responsibilities:	Responsible for the quarterly environmental compliance audits.
Involvement:	2015- <u>Current</u>



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Location:	Near Hendrina, Mpumalanga, SA
Project Name:	Blinkpan Siding
Client	Makoya Group
Project Summary:	Basic Assessment and water-use licence for Coal Siding.
Role and Responsibilities:	Responsible for the overall project management.
Involvement:	2015- 2016
Location:	Near Hendrina, Mpumalanga , SA
Project Name:	Argent Siding
Client	Canyon Resources
Project Summary:	Basic Assessment and water-use license for a new proposed Coal Siding.
Role and Responsibilities:	Responsible for the overall project management.
Involvement:	2015- 2016
Location:	Delmas, Mpumalanga, SA
Project Name:	Eastplats WULA
Client:	Eastern Platinum Limited
Project Summary:	Integrated water-use licensing for the Zandfontein, Crocette and Maroelabuilt mine sections.
Role and Responsibilities:	Responsible for the overall project management.
Involvement:	2015- 2017
Location:	Brits, Northwest Province, SA

REFERENCES

CONTACT NAME	COMPANY	RELATIONSHIP	CONTACT NR
Christiaan Oosthuizen	Dr Ruth S Mompoti District Municipality	Client	072 119 1488 053 927 0260
Ina Botha	Naledi Local Municipality	Client	082 847 4575



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CERTIFICATION

I, **CORRIE RETIEF**

Declare that, to the best of my knowledge, all the information contained herein is true.

Signature: 

On the 09 day of July 2015.



APPENDIX A: Detailed Project Experience

PROJECT EXPERIENCE WITH WORLEYPARSONS RSA :

Project Name : **Uitvalfontein Landfill Audit**
Client : **Randfontein Local Municipality**
Project Summary : Compliance Audit of the Uitvalfontein landfill.
Role and Responsibilities : Responsible for the compliance audit.
Involvement : 2014- 2014
Location : Randfontein, Gauteng , Republic of South Africa

Project Name : **Luvuvu Letaba Water Scheme**
Client : **Department of Water Affairs**
Project Summary : Development of a Reconciliation Strategy for the Luvuvhu and Letaba Water Supply Systems.
Role and Responsibilities : Responsible for Environmental feasibility studies.
Involvement : 2014- 2015
Location : Limpopo, Republic of South Africa

Project Name : **Assmang Chrome Machadodorp**
Client : **Assmang Chrome**
Project Summary : ECO Audits for the Relocation of the Baghouse Dust Disposal Facility to the Existing Licensed slag disposal facility.
Role and Responsibilities : Responsible for the monthly environmental compliance audits for the construction.
Involvement : 2014- 2015
Location : Machadodorp, Mpumalanga, Republic of South Africa

Project Name : **Syferbult WULA**



Client : Rustenburg Local Municipality
Project Summary : Water-use License Application (WULA) for the construction of water supply network.
Role and Responsibilities : Responsible for the WULA application of the project.
Involvement : 2014 - 2015
Location : Rustenburg, Northewest, Republic of South Africa

Project Name : Zeekoegat Waste Water Treatment Construction Audit
Client : Bigen Africa
Project Summary : Construction compliance audits for the Zeekoegat phase 2 WWTW construction.
Role and Responsibilities : Responsible for the monthly environmental compliance audits for the construction phase.
Involvement : 2013 - 2015
Location : Pretoria, Gauteng, Republic of South Africa

Project Name : Basic Assessment Apex Benoni
Client : Halewood International South Africa (Pty) Ltd
Project Summary : Basic Assessment for the rezoning and establishment of additional parking.
Role and Responsibilities : Responsible for the Basic Assessment application of the project.
Involvement : 2014 - 2014
Location : Benoni, Gauteng, Republic of South Africa

Project Name : Water-use License SA Bank Note Company
Client : SA Bank Note
Project Summary : Water-use License Application for new stormwater culvert.
Role and Responsibilities : Responsible for the water-use application of the project.
Involvement : 2014 - 2015
Location : Pretoria, Gauteng, Republic of South Africa

Project Name : Basic Assessment Transnet Tug Jetty
Client : Transnet
Project Summary : Basic Assessment for the establishment of new Tug Jetty at Durban Harbour.
Role and Responsibilities : Responsible for the Basic Assessment application of the project.
Involvement : 2013 - 2015



Location : Durban, KZN, Republic of South Africa

Project Name : **Jupiter B Substation WULA**

Client : **Eskom**

Project Summary : Water-use License Application (WULA) for the construction of the Jupiter B Substation.

Role and Responsibilities : Responsible for the WULA application of the project.

Involvement : 2013 - 2014

Location : Johannesburg, Gauteng, Republic of South Africa

Project Name : **SWT Health Care Risk Waste Facility Audit**

Client : **Solid Waste Technologies (Pty) Ltd**

Project Summary : Compliance audit for the City Deep healthcare risk waste facility.

Role and Responsibilities : Responsible for the compliance audit.

Involvement : 2013 - 2014

Location : Johannesburg, Gauteng, Republic of South Africa

Project Name : **Environmental Management Plan (EMP) Update for Jupiter B Substation**

Client : **Eskom**

Project Summary : Update of the EMP for the construction of the Jupiter B Substation.

Role and Responsibilities : Responsible for the update and approval of the EMP for the project.

Involvement : 2013 - 2014

Location : Johannesburg, Gauteng, Republic of South Africa

Project Name : **Taung Road Upgrade**

Client : **Northwest Department Public Works, Roads and Transport**

Project Summary : Application for environmental authorisation for the Upgrade of the Road D221 from Road P25/1 Via Maphoitsile to end of Tar Magogong.

Role and Responsibilities : Compilation of detailed environmental management plan for the authorisation of the project.

Involvement : 2013 - 2014

Location : Taung, Northwest, Republic of South Africa

Project Name : **Goeboegoeboe Salt Mine**



Client : Geoboegoeboe Salt Works

Project Summary : Mining Right application for salt mining.
 Role and Responsibilities : Responsible for the mining right application of the project.
 Involvement : 2013- 2015
 Location : Upington, Northern Cape, Republic of South Africa

Project Name : Assmang Chrome Machadodorp

Client : Assmang Chrome

Project Summary : Compilation of EMP for the rehabilitation works on the hazardous H: H waste facility.
 Role and Responsibilities : Responsible for the compilation of the EMP and audit documentation.
 Involvement : 2013- 2013
 Location : Machadodorp, Mpumalanga, Republic of South Africa

Project Name : ArcelorMittal Newcastle Works – GSB Rehab EMP

Client : ArcelorMittal SA

Project Summary : Compilation of EMP for the rehabilitation works on the GSB waste facility.
 Role and Responsibilities : Responsible for the compilation of an EMP and Audit documentation.
 Involvement : 2012- 2012
 Location : Newcastle, KZN, Republic of South Africa

Project Name : DR George Mukhari Hospital

Client : Driver Group

Project Summary : Private Public Partnership project for the establishment of the new Dr George Mukhari Hospital.
 Role and Responsibilities : Responsible for the environmental screening and fatal flaw analysis.
 Involvement : 2011- 2012
 Location : Ga-Rankuwa, Gauteng, Republic of South Africa

Project Name : Molopo Landfills

Client : Dr Ruth Segomotso Mompoti District Municipality

Project Summary : The Identification and licencing of new regional waste disposal facility for the towns of Tosca, Bray and Pomfret.



Role and Responsibilities : Responsible for the environmental impact assessment and waste licensing process of the project.
 Involvement : 2011- 2014
 Location : Tosca, Northwest, Republic of South Africa

Project Name : **Kagisano Landfills**
Client : **Dr Ruth Segomotso Mompoti District Municipality**
 Project Summary : The Identification and licencing of new general waste disposal facilities for the towns of Piet Plessis, Ganyesa, Thlakgameng and Morokweng.
 Role and Responsibilities : Responsible for the environmental impact assessment and waste licensing process of the project.
 Involvement : 2011- 2014
 Location : Ganyesa, Thlakgameng, Morokweng and Piet Plessis, Northwest, Republic of South Africa

Project Name : **Lephalale Landfills**
Client : **Lephalale Local Municipality**
 Project Summary : The Identification and licencing of a new general waste disposal facility for the Lephalale Local Municipality.
 Role and Responsibilities : Responsible for the environmental impact assessment and waste licensing process of the project.
 Involvement : 2011- 2014
 Location : Lephalale, Limpopo, Republic of South Africa

Project Name : **Rooipunt Solar Power Project**
Client : **SolarReserve South Africa**
 Project Summary : Establishment of a Solar power park consisting of a 100MW concentrated solar power plant and three 75MW photovoltaic solar power developments.
 Role and Responsibilities : Responsible for the Environmental impact assessment, Water-use Licensing and Waste Licensing process of the project.
 Involvement : 2010- 2015
 Location : Upington, Northern Cape, Republic of South Africa

Project Name : **ArcelorMittal Newcastle Works – Basic Oxygen Furnace (BOF) Slag Dump Design and EIA**



Client : **ArcelorMittal SA**

Project Summary : The closure of the existing hazardous BOF slag disposal facility and establishment of a new hazardous BOF slag disposal facility.

Role and Responsibilities : Responsible for the environmental impact assessment and waste licensing process for the project.

Involvement : 2010- 2012

Location : Newcastle, KZN, Republic of South Africa

Project Name : **Environmental Assessment Sebenza Substation**

Client : **Johannesburg City Power**

Project Summary : The establishment of a 1,000 MVA substation.

Role and Responsibilities : Responsible for the Basic assessment process.

Involvement : 2009- 2012

Location : Johannesburg, Gauteng, Republic of South Africa

Project Name : **Goedemoed Prison Farm Landfill and Incinerator**

Client : **Department of Public Works**

Project Summary : Identify, design, environmental impact assessment for closure of existing landfill and establishment of new landfill and Incinerator.

Role and Responsibilities : Responsible for the environmental impact assessment, waste licensing and Air Emission licensing process.

Involvement : 2009- 2011

Location : Aliwal North, Free State, Republic of South Africa

Project Name : **Nkangala Regional Landfill**

Client : **Mpumalanga Department Economic Development, Environment and Tourism**

Project Summary : Project entails the identification of a new landfill by means of a site selection process, the Environmental Impact Process and the design of the landfill including the design of a transfer station.

Role and Responsibilities : Responsible for the environmental impact assessment and waste licensing process of the project.

Involvement : 2009- 2014

Location : Middelburg, Mpumalanga, Republic of South Africa

Project Name : **Naledi Landfills**



Client : **Naledi Local Municipality**
 : Identify, design and licensing of new municipal landfill site.

Role and Responsibilities : Responsible for the environmental impact assessment process for the new site and a basic assessment process for the closure of the old site.

Involvement : 2009- 2010

Location : Vryburg, Northwest , Republic of South Africa

PROJECT EXPERIENCE WITH RETIEF ENVIRONMENTAL CONSULTANTS:

Project Name : **Sodwana Bay Boat Lockers EMP**
Client : **Sodwana Bay Boat Lockers**

Project Summary : The establishment of a boat locker facility to store 30 boats.

Role and Responsibilities : Project Leader and responsible for the compilation of an environmental management plan for the boat locker facility.

Involvement : 2009- 2009

Location : Durban, KZN, Republic of South Africa

Project Name : **Steenkamp Broiler Farms**
Client : **Steenkamp Farms**

Project Summary : The establishment of a broiler farming operation consisting of six broiler houses and associated infrastructure.

Role and Responsibilities : Project Leader, and responsible for public participation, data gathering and the compilation of the basic assessment for the establishment of the broiler farm.

Involvement : 2008- 2009

Location : Brits, Northwest, Republic of South Africa

Project Name : **Glowing Autumn Sand Quarries**
Client : **GCL Construction Sand**

Project Summary : Mining permits application for the establishment of a sand quarry.

Role and Responsibilities : Project Leader, public participation, compilation of an environmental management plan for the establishment of the mining operation.

Involvement : 2006- 2007

Location : Rustenburg, Northwest , Republic of South Africa



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Project Name : **Dos Ramos Broiler Farm**
Client : **Dos Ramos Farms**
Project Summary : The establishment of a broiler farming operation consisting of four broiler houses.
Role and Responsibilities : Project Leader and responsible for public participation, completions of basic assessment and application for water-use license.
Involvement : 2005- 2006
Location : Brits, Northwest, Republic of South Africa

Project Name : **Grand Palace Granite Mine**
Client : **Grand Palace Trading (Pty) Ltd**
Project Summary : The establishment of a granite mining operation.
Role and Responsibilities : Responsible for the amendment and completions of the environmental impact assessment and the establishment of a social and labour plan for the mining operation.
Involvement : 2004- 2005
Location : Brits, North West Province, Republic of South Africa