



POSITION : **Environmental Scientist**
NAME OF FIRM : GIBB (Pty) Ltd
NAME OF STAFF : Elisabeth NORTJE
DATE OF BIRTH : 28.11.1975
NATIONALITY : South African
YEARS WITH FIRM : 5

SUMMARY OF QUALIFICATIONS:

Elisabeth Nortje is an environmental scientist with 16 years' experience and is the Unit Manager for Environmental Licensing & Technical Peer Review within the GIBB Environmental Services Division. She specialises in project management, compilation and technical review of Environmental Impact Assessments (EIAs) and related documents and processes in the energy, infrastructure, and various other sectors. She has worked on EIAs related to the construction of linear features such as national roads and pipelines and has recently worked on EIAs related to the installation of bulk water infrastructure and the construction and operation of the Nuclear-1 Power Station. She has also been involved in the management and compilation of Strategic Environmental Assessments for Master Planning purposes, Environmental Management Programmes (EMPRs), Water Use License Applications (WULAs), environmental input into engineering design and geological sensitivity assessments.

Her key experience includes:

- Technical Peer Review of documents in terms of relevant legislation;
- Management of Environmental Impact Assessment Practitioners;
- Manage, review, write and give technical and advisory input into large scale EIAs and environmental processes;
- Environmental Management Planning;
- Management of specialist teams;
- Public Participation Processes and consultation, including coordinating, facilitating and managing such processes;
- Project and Financial Management of environmental projects in the energy, infrastructure, mining and government sectors ;and
- Mentoring of junior team members.

EDUCATION:

<i>Institution:</i>	<i>Qualification:</i>	<i>Year Obtained:</i>
University of Witwatersrand	Postgraduate Diploma in Environmental Science	2011
University of Witwatersrand	Bachelor of Science (Hons) (Geology)	1999
University of Witwatersrand	Bachelor of Science (Geology and Advanced Earth Science)	1998

MEMBERSHIPS OF PROFESSIONAL ASSOCIATIONS:

- Member of the International Association for Impact Assessment : South African Branch
Membership No: 3407.

OTHER TRAINING:

- Communication for Effective Public Participation : International Association for Public Participation, 2008

- Water Use Application Procedures by S Du Toit
- Planning for Effective Public Participation : International Association for Public Participation, 2008
- Conduct outcomes-based assessment – ETDP SETA
- Facilitate the preparation and presentation of evidence for assessment

COUNTRIES OF WORK EXPERIENCE:

South Africa

LANGUAGES:

	Speaking:	Reading:	Writing:
English	Excellent	Excellent	Excellent
Afrikaans	Excellent	Excellent	Excellent
Dutch	Nil	Good	Nil

EMPLOYMENT RECORD:

From:	October 2009	To:	Date
Employer:			GIBB (Pty) Ltd
Position held:			Sector Unit Manager: Environmental Licensing & Technical Peer Review and Senior Environmental Scientist, Environmental Sector
From:	January 2007	To:	September 2009
Employer:			Strategic Environmental Focus
Position held:			Project Leader, Environmental Services Divisions
From:	February 2006	To:	September 2006
Employer:			The Mineral Corporation
Position held:			Research Geologist
From:	February 2006	To:	April 2006
Employer:			University of Johannesburg
Position held:			Part-time Lecturer
From:	March 2004	To:	December 2005
Employer:			Tantco Global (Pty) Ltd
Position held:			Researcher and Technical Personal Assistant
From:	2002	To:	2004
Employer:			Media Monitoring Project
Position held:			Researcher and Writer
From:	August 2001	To:	December 2003
Employer:			Leigh, Day & Company. Solicitors
Position held:			Researcher and Office Manager

DETAILED TASKS ASSIGNED (*tasks to be performed under this and previous assignment*):

As Unit Manager

- Manage Systems and Efficiencies
- Project and Team Management
- Unit Financial Planning

- Technical Peer Review
- Marketing
- Recruitment
- Proposal and Tender Review
- Performance Reviews and Mentoring
- Key Client Liaison and Management
- Management of external Environmental Impact Assessment Practitioners

As Project Leader and EAP

- Financial and Budget Control
- Specialist Management
- Authority Liaison
- Acting as Environmental Impact Assessment Practitioner (EAP)
- Manage, review, write and give technical and advisory input into:
 - Large scale EIAs
 - Environmental Opinions
 - Feasibility Studies
 - Research
 - Specialist Sensitivity Assessments
 - Master planning
 - Mining Applications
 - Open Space Management Frameworks
 - Environmental Compliance Reports
- Public Participation and Stakeholder Engagement
- Environmental Risk Identification and input into Engineering Design
- Site auditing and compilation of audit reports

Other

- Research
- Lecturing

WORK UNDERTAKEN THAT BEST ILLUSTRATES CAPABILITY TO HANDLE THE TASKS ASSIGNED:

NAME OF ASSIGNMENT/PROJECT:	TECHNICAL PEER REVIEW	
YEAR:	From: 2013	To: Ongoing
LOCATION:	South Africa	
CLIENT:	GIBB EIA and Licensing Unit, Environmental Sector	
MAIN PROJECT FEATURES:	Technical Peer Review of the following projects amongst others: <ul style="list-style-type: none"> - Nuclear 1 Power Station Project Scoping and EIA Process and compilation of an Environmental Management Programme. Review of the Revised Draft EIR Version 2; - Coega Mill EIA and EMP; - RBM to Richards Bay CBD Road EIA (Basic Assessment, EMP and Issues and Response Report); - Transnet Locomotive Testing Shed (Basic Assessment, EMP and Issues and Response Report); - Saldanha Port and Orelina EIA - Tippler Basic Assessment Report and EMP; - King Sabata Dalindyebo Bulk Water Presidential Intervention Project – Six Basic Assessments and WULA including management of appointed Environmental Impact Assessment Practitioners; - Eskom Westgate –Tarleton Distribution Line and Substation Basic Assessment and EMP - SANRAL N2 Intersection Expansion and Internal Access Roads Upgrade (Basic Assessment, EMP and Issues and Response Report); - Rehabilitation of the Kouga Dam and Associated Mining Activities (Basic 	

WORK UNDERTAKEN THAT BEST ILLUSTRATES CAPABILITY TO HANDLE THE TASKS ASSIGNED:

- Assessment, EMP, Issues and Response Report, EMPR and Water Use License Application);
- PPC Jupiter (Draft Basic Assessment Report and EMP);
- Application for amendment of Environmental Authorisation for the Melkspruit - Riebeek 132 kV Powerline
- Section 24 G application for the Rugitevallei – Dreunberg 132kv Powerline;
- Fort Beafort Waste Licence Closure and Basic Assessment.
- Report on environmental sensitivities and possible permitting requirements for the Thornhill Bulk Water Supply upgrade and rehabilitation project;
- Kazungula Bridge Project (Environmental inputs into Status Quo Report and Environmental Action Plan) – Botswana and Zimbabwe;
- Port Harcourt Monorail EIA – Nigeria;
- Environmental Management System Audits at the Wild Coast Sun Casino, Bizana.

POSITIONS HELD:

GIBB Technical Peer Review Unit Manager

ACTIVITIES PERFORMED:

- Technical Peer Review;
- Management of Environmental Impact Assessment Practitioners.

NAME OF ASSIGNMENT/PROJECT:

ESKOM NUCLEAR-1 EIA AND EMP

YEAR:

From: 2009 To: 2015

LOCATION:

Eastern and Western Cape, South Africa

CLIENT:

Eskom Generation

MAIN PROJECT FEATURES:

Nuclear 1 Power Station Project Scoping and EIA Process and compilation of an Environmental Management Programme. The Nuclear 1 project concerns the proposed construction, operation and decommissioning of a conventional nuclear power station and associated infrastructure in the Western and Eastern Cape

POSITIONS HELD:

Environmental Impact Assessment Practitioner (EAP), Current, Project Leader (2012 – Current)**Senior Environmental Scientist (2009 to 2012)**

ACTIVITIES PERFORMED:

- EAP
- Write and give technical input into large scale EIA, EMP and Public Participation;
- Project Management;
- Financial Planning;
- Financial and Budget Control;
- Key Client Liaison and Management;
- Specialist Management;
- Authority Liaison;
- Research;
- Mentoring.

NAME OF ASSIGNMENT/PROJECT:

LUAPULA CASCADE MASTERPLAN

YEAR:

From: 2013 To: 2013

LOCATION:

Zambia

CLIENT:

GIBB Internal

MAIN PROJECT FEATURES:

Environmental Legal review of Environmental, Agricultural, Social and Hydrological requirements potentially triggered by the proposed Luapula Cascade Hydro-Electrical Project in Zambia

WORK UNDERTAKEN THAT BEST ILLUSTRATES CAPABILITY TO HANDLE THE TASKS ASSIGNED:POSITIONS HELD: **Senior Environmental Scientist and Technical Peer Reviewer**ACTIVITIES PERFORMED:

- Key Client Liaison and Management;
- Environmental Legal Review;
- Technical Review.

NAME OF ASSIGNMENT/PROJECT: **NECSA DEDICATED ISOTOPE PRODUCTION REACTOR EIA**

YEAR: From: 2011 To: Ongoing

LOCATION: North West, South Africa

CLIENT: NTP Radioisotopes (Pty) Ltd

MAIN PROJECT FEATURES: Environmental Impact Assessment for the Proposed Development of a Dedicated Isotope Production Reactor (DIPR) and Associated Infrastructure at the NECSA Pelindaba Site, North West Province

POSITIONS HELD: **Senior Environmental Scientist Managing Specialists and Technical Peer Reviewer**ACTIVITIES PERFORMED:

- Key Client Liaison and Management;
- Specialist Management;
- Technical Review.

NAME OF ASSIGNMENT/PROJECT: **TARLTON MAGALIESBURG POWERLINE EIA**

YEAR: From: 2009 To: 2012

LOCATION: Gauteng, South Africa

CLIENT: Eskom Distribution

MAIN PROJECT FEATURES: Westgate - Tarlton Substation and Powerline Scoping and EIA Process

POSITIONS HELD: **Project Leader and Senior Environmental Scientist**ACTIVITIES PERFORMED:

- Write and give technical input into EIA, EMP and Public Participation;
- Financial Planning;
- Technical Review;
- Financial and Budget Control;
- Key Client Liaison and Management;
- Specialist Management;
- Authority Liaison;
- Mentoring.

NAME OF ASSIGNMENT/PROJECT: **TUMELO SUBSTATION AND POWERLINE EIA**

YEAR: From: 2009 To: 2011

LOCATION: Gauteng, South Africa

CLIENT: Eskom Distribution

MAIN PROJECT FEATURES: Tumelo substation and 4.6 km powerline scoping and EIA Process as well as walk-down assessment and updating of EMP

POSITIONS HELD: **Project Leader and Senior Environmental Scientist**ACTIVITIES PERFORMED:

- Write and give technical input into EIA, EMP and Public Participation;
- Technical Review;
- Financial Planning;
- Financial and Budget Control;
- Key Client Liaison and Management;
- Specialist Management;
- Proposal Writing and Review;
- Authority Liaison;
- Mentoring.

WORK UNDERTAKEN THAT BEST ILLUSTRATES CAPABILITY TO HANDLE THE TASKS ASSIGNED:

NAME OF ASSIGNMENT/PROJECT: **BEATRIX MINE GO-GENERATION BASIC ASSESSMENT AND EMPR UPDATE**
YEAR: From: 2011 To: Ongoing
LOCATION: Free State, South Africa
CLIENT: Goldfields
MAIN PROJECT FEATURES: Basic Assessment and EMPR update for a do-generation project at the Beatrix Mine Shaft 4 operations
POSITIONS HELD: **Environmental Impact Assessment Practitioner (EAP)**
ACTIVITIES PERFORMED:

- Environmental Impact Assessment Practitioner (EAP);
- Proposal Writing and Review;
- Technical Peer Review.

NAME OF ASSIGNMENT/PROJECT: **TSHWANE BRT ROUTE 1**
YEAR: From: 2011 To: 2011
LOCATION: Gauteng, South Africa
CLIENT: GIBB Traffic and Transportation Sector
MAIN PROJECT FEATURES: Environmental advisory input onto the Tshwane BRT Route 1
POSITIONS HELD: **Senior Environmental Scientist**
ACTIVITIES PERFORMED: Environmental input into engineering design.

NAME OF ASSIGNMENT/PROJECT: **GAUTENG HOSPITALS REVITALISATION PROJECT**
YEAR: From: 2011 To: 2011
LOCATION: Gauteng, South Africa
CLIENT: GIBB Building Services Sector and the Development Bank of Southern Africa
MAIN PROJECT FEATURES: Environmental input into the Gauteng Hospitals Revitalisation Project.
POSITIONS HELD: **Senior Environmental Scientist**
ACTIVITIES PERFORMED:

- Environmental input into engineering design;
- Environmental Risk identification.

NAME OF ASSIGNMENT/PROJECT: **MOGALE CITY OPEN SPACE MANAGEMENT FRAMEWORK**
YEAR: From: 2011 To: 2012
LOCATION: Gauteng, South Africa
CLIENT: Mogale City Local Municipality
MAIN PROJECT FEATURES: Development of an Open Space Management Framework and tools for the Mogale City Local Municipality
POSITIONS HELD: **Project Leader**
ACTIVITIES PERFORMED:

- Technical Review;
- Financial Planning;
- Financial and Budget Control;
- Key Client Liaison and Management;
- Specialist Management;
- Stakeholder Engagement.

NAME OF ASSIGNMENT/PROJECT: **DRIEZIEK PHASE 4 PRT**
YEAR: From: 2010 To: 2011
LOCATION: Gauteng, South Africa
CLIENT: Gauteng Department of Housing
MAIN PROJECT FEATURES: Formalising services for the Drieziek Phase 4 PRT Project
POSITIONS HELD: **Environmental Compliance Officer and Senior Environmental Scientists**

WORK UNDERTAKEN THAT BEST ILLUSTRATES CAPABILITY TO HANDLE THE TASKS ASSIGNED:

ACTIVITIES PERFORMED: Site auditing and compilation of audit reports

NAME OF ASSIGNMENT/PROJECT: **DE BEERS FINCH MINE**
YEAR: From: 2009 To: 2010
LOCATION: Northern Cape, South Africa
CLIENT: De Beers Consolidated Mines
MAIN PROJECT FEATURES: Amendment of the EMPR for the De Beers Mining Operation at the Finch Mine
POSITIONS HELD: **Senior Environmental Scientist**
ACTIVITIES PERFORMED:

- Environmental Impact Assessment Practitioner;
- Write and give technical input into EIA, EMP and Public Participation;
- Technical Review;
- Financial Planning;
- Financial and Budget Control;
- Key Client Liaison and Management;
- Specialist Management;
- Authority Liaison;
- Mentoring.

NAME OF ASSIGNMENT/PROJECT: **WESTRAND DISTRICT MUNICIPALITY : AIR QUALITY MANAGEMENT PLAN**
YEAR: From: 2009 To: 2009
LOCATION: Gauteng, South Africa
CLIENT: Westrand District Municipality
MAIN PROJECT FEATURES: Develop an Air Quality Management Plan for the Westrand District Municipality
POSITIONS HELD: **Project Leader**
ACTIVITIES PERFORMED:

- Write and give technical input into the Status Quo Report and Management Plan;
- Stakeholder Engagement;
- Technical Review;
- Financial Planning;
- Financial and Budget Control;
- Key Client Liaison and Management;
- Specialist Management;
- Authority Liaison;
- Mentoring.

NAME OF ASSIGNMENT/PROJECT: **KOMATI WATER SCHEME AUGMENTATION PROJECT EIA**
YEAR: From: 2008 To: 2009
LOCATION: Mpumalanga, South Africa
CLIENT: Eskom Generation
MAIN PROJECT FEATURES: Scoping and Environmental Impact Assessment for the proposed Eskom Komati Water Scheme 64 km pipeline project
POSITIONS HELD: **Project Leader and Environmental Manager**
ACTIVITIES PERFORMED:

- Write and give technical input into EIA, EMP and Public Participation;
- Technical Review;
- Financial Planning;
- Financial and Budget Control;
- Key Client Liaison and Management;
- Specialist Management;
- Authority Liaison;

WORK UNDERTAKEN THAT BEST ILLUSTRATES CAPABILITY TO HANDLE THE TASKS ASSIGNED:

- Mentoring.
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NAME OF ASSIGNMENT/PROJECT: **EVATON URBAN RENEWAL EIA**
YEAR: From: 2008 To: 2009
LOCATION: Gauteng, South Africa
CLIENT: MI Holdings (Pty) Ltd
MAIN PROJECT FEATURES: Scoping and Environmental Impact Assessment for the proposed Evaton Urban Renewal Project
POSITIONS HELD: **Project Leader**
ACTIVITIES PERFORMED:

- Write and give technical input into EIA, EMP and Public Participation;
- Technical Review;
- Financial Planning;
- Financial and Budget Control;
- Key Client Liaison and Management;
- Specialist Management;
- Authority Liaison;
- Mentoring.

NAME OF ASSIGNMENT/PROJECT: **BP SOSHANGUVE VV AND ZZ FILLING STATION EIAs**
YEAR: From: 2008 To: 2009
LOCATION: Gauteng, South Africa
CLIENT: Envirolution Consulting
MAIN PROJECT FEATURES: Construction of a new filling stations in Soshanguve
POSITIONS HELD: **Project Leader and Environmental Manager**
ACTIVITIES PERFORMED:

- Write and give technical input into EIA, EMP and Public Participation;
- Technical Review;
- Financial Planning;
- Financial and Budget Control;
- Key Client Liaison and Management;
- Specialist Management;
- Authority Liaison;
- Mentoring.

NAME OF ASSIGNMENT/PROJECT: **BP SOSHANGUVE GOLF COURSE UPGRADE EIA**
YEAR: From: 2008 To: 2009
LOCATION: Gauteng, South Africa
CLIENT: Envirolution Consulting
MAIN PROJECT FEATURES: Upgrade of an existing BP filling station
POSITIONS HELD: **Project Leader and Environmental Manager**
ACTIVITIES PERFORMED:

- Write and give technical input into EIA, EMP and Public Participation;
- Technical Review;
- Financial Planning;
- Financial and Budget Control;
- Key Client Liaison and Management;
- Specialist Management;
- Authority Liaison;
- Mentoring.

WORK UNDERTAKEN THAT BEST ILLUSTRATES CAPABILITY TO HANDLE THE TASKS ASSIGNED:

NAME OF ASSIGNMENT/PROJECT: **SASOL TRAINING FACILITY PROJECT**
YEAR: From: 2008 To: 2009
LOCATION: Mpumalanga, South Africa
CLIENT: Sasol Technology (Secunda)
MAIN PROJECT FEATURES: Construction of a training facility at the Sasol facility in Secunda, Mpumalanga.
POSITIONS HELD: **Project Leader and Environmental Impact Assessment Practitioner (EAP)**
ACTIVITIES PERFORMED:

- Environmental Impact Assessment Practitioner;
- Write and give technical input into EIA, EMP and Public Participation;
- Technical Review;
- Financial Planning;
- Financial and Budget Control;
- Key Client Liaison and Management;
- Specialist Management;
- Authority Liaison;
- Mentoring.

NAME OF ASSIGNMENT/PROJECT: **TROMPSBURG/SPRINGFONTEIN N1 ROAD UPGRADE**
YEAR: From: 2008 To: 2009
LOCATION: Gauteng, South Africa
CLIENT: SANRAL
MAIN PROJECT FEATURES: Basic Assessment for the upgrade of the N1 between Trompsburg and Springfontein
POSITIONS HELD: **Project Leader and Environmental Impact Assessment Practitioner (EAP)**
ACTIVITIES PERFORMED:

- Environmental Impact Assessment Practitioner;
- Write and give technical input into the BA, EMP and Public Participation;
- Technical Review;
- Financial Planning;
- Financial and Budget Control;
- Key Client Liaison and Management;
- Specialist Management;
- Authority Liaison;
- Mentoring.

NAME OF ASSIGNMENT/PROJECT: **BLUEHILLS RESIDENTIAL PROJECT**
YEAR: From: 2008 To: 2009
LOCATION: Gauteng, South Africa
CLIENT: Young Property Investment
MAIN PROJECT FEATURES: Basic Assessment for the proposed Bluehills Portion 20 Residential Development.
POSITIONS HELD: **Project Leader and Environmental Impact Assessment Practitioner (EAP)**
ACTIVITIES PERFORMED:

- Environmental Impact Assessment Practitioner;
- Write and give technical input into the BA, EMP and Public Participation;
- Technical Review;
- Financial Planning;
- Financial and Budget Control;
- Key Client Liaison and Management;
- Specialist Management;
- Authority Liaison;
- Mentoring.

WORK UNDERTAKEN THAT BEST ILLUSTRATES CAPABILITY TO HANDLE THE TASKS ASSIGNED:

NAME OF ASSIGNMENT/PROJECT: **GRAND CENTRAL EXTENSION 8 RESIDENTIAL PROJECT**
YEAR: From: 2008 To: 2009
LOCATION: Gauteng, South Africa
CLIENT: VHB (Pty) Ltd
MAIN PROJECT FEATURES: Basic Assessment for the proposed Grand Central Ext 8 Residential Project
POSITIONS HELD: **Project Leader and Environmental Manager**
ACTIVITIES PERFORMED:

- Write and give technical input into the BA, EMP and Public Participation;
- Technical Review;
- Financial Planning;
- Financial and Budget Control;
- Key Client Liaison and Management;
- Specialist Management;
- Authority Liaison;
- Mentoring.

NAME OF ASSIGNMENT/PROJECT: **HALFWAY HOUSE COMMERCIAL PROJECT**
YEAR: From: 2008 To: 2009
LOCATION: Gauteng, South Africa
CLIENT: The Bental Group
MAIN PROJECT FEATURES: Basic Assessment for the proposed Halfway House Commercial Project.
Project and Environmental Manager
POSITIONS HELD: **Project Leader and Environmental Manager**
ACTIVITIES PERFORMED:

- Write and give technical input into the BA, EMP and Public Participation;
- Technical Review;
- Financial Planning and Budget Control;
- Key Client Liaison and Management;
- Specialist Management;
- Authority Liaison;
- Mentoring.

NAME OF ASSIGNMENT/PROJECT: **BRUMMERSHEIM OPEN CAST COAL MINING**
YEAR: From: 2008 To: 2009
LOCATION: Mpumalanga, South Africa
CLIENT: Umthombo Resources (Pty) Ltd
MAIN PROJECT FEATURES: Brummersheim Open Cast Coal Mining, Mpumalanga
POSITIONS HELD: **Project Leader and Environmental Impact Assessment Practitioner (EAP)**
ACTIVITIES PERFORMED:

- Environmental Impact Assessment Practitioner;
- Write and give technical input into the EMPR, EMP and Public Participation;
- Technical Review;
- Financial Planning;
- Financial and Budget Control;
- Key Client Liaison and Management;
- Specialist Management;
- Authority Liaison;
- Mentoring.

NAME OF ASSIGNMENT/PROJECT: **ESKOM-KLERKSDORP STRATEGIC ENVIRONMENTAL ASSESSMENT**
YEAR: From: 2008 To: 2009
LOCATION: Northwest, Gauteng and Free State, South Africa

WORK UNDERTAKEN THAT BEST ILLUSTRATES CAPABILITY TO HANDLE THE TASKS ASSIGNED:

CLIENT: Iyanda Power Technologies
 MAIN PROJECT FEATURES: Develop Masterplan with associated specialist studies
 POSITIONS HELD: **Project Leader, Project Specialist and Environmental Manager**
 ACTIVITIES PERFORMED:

- Compile Geological Sensitivity Assessment;
- Write and give technical input into the Masterplan;
- Technical Review;
- Financial Planning;
- Financial and Budget Control;
- Key Client Liaison and Management;
- Specialist Management.

NAME OF ASSIGNMENT/PROJECT: **ESKOM CENTRAL REGION MASTERPLAN**
 YEAR: From: 2008 To: 2009
 LOCATION: Gauteng, South Africa
 CLIENT: NETGroup
 MAIN PROJECT FEATURES: Develop Masterplan with associated specialist studies
 POSITIONS HELD: **Project Specialist**
 ACTIVITIES PERFORMED: Compile Geological Sensitivity Assessment

NAME OF ASSIGNMENT/PROJECT: **ESKOM MARGATE MASTERPLAN**
 YEAR: From: 2008 To: 2009
 LOCATION: KwaZulu-Natal, South Africa
 CLIENT: NETGroup
 MAIN PROJECT FEATURES: Develop Masterplan with associated specialist studies
 POSITIONS HELD: **Project Specialist**
 ACTIVITIES PERFORMED: Compile Geological Sensitivity Assessment

NAME OF ASSIGNMENT/PROJECT: **ESKOM WESTERN CAPE MASTERPLAN**
 YEAR: From: 2008 To: 2009
 LOCATION: Western Cape, South Africa
 CLIENT: NETGroup
 MAIN PROJECT FEATURES: Develop Masterplan with associated specialist studies
 POSITIONS HELD: **Project Specialist**
 ACTIVITIES PERFORMED: Compile Geological Sensitivity Assessment

NAME OF ASSIGNMENT/PROJECT: **ESKOM PRETORIA FSA MASTERPLAN**
 YEAR: From: 2008 To: 2009
 LOCATION: Gauteng, South Africa
 CLIENT: NETGroup
 MAIN PROJECT FEATURES: Develop Masterplan with associated specialist studies
 POSITIONS HELD: **Project Specialist**
 ACTIVITIES PERFORMED: Compile Geological Sensitivity Assessment

NAME OF ASSIGNMENT/PROJECT: **ESKOM DUHVA AND ESKOM BRAVO WATER PIPELINE PROJECTS**
 YEAR: From: 2008 To: 2008
 LOCATION: Mpumalanga, South Africa
 CLIENT: Eskom Generation
 MAIN PROJECT FEATURES: Water Use License Applications for the proposed Eskom Duhva and Eskom

WORK UNDERTAKEN THAT BEST ILLUSTRATES CAPABILITY TO HANDLE THE TASKS ASSIGNED:

POSITIONS HELD: Bravo Water Pipeline Projects
Environmental Manager
 ACTIVITIES PERFORMED: Compile Water Use License Application

NAME OF ASSIGNMENT/PROJECT: **SASOL CAA TANK EIA**
 YEAR: From: 2008 To: 2008
 LOCATION: Free State, South Africa
 CLIENT: Sasol Technology (Sasolburg)
 MAIN PROJECT FEATURES: Sasol Sasolburg Crude Acrylic Acid (CAA) tank installation Scoping and EIA Process
 POSITIONS HELD: **Environmental Manager**
 ACTIVITIES PERFORMED:

- Write and give technical input into the EIA, EMP and Public Participation;
- Financial Planning;
- Financial and Budget Control;
- Key Client Liaison and Management;
- Specialist Management;
- Authority Liaison.

NAME OF ASSIGNMENT/PROJECT: **WESTONARIA SOUTH DEVELOPMENT**
 YEAR: From: 2007 To: 2009
 LOCATION: Gauteng, South Africa
 CLIENT: Urban Dynamics/Power House
 MAIN PROJECT FEATURES: Scoping and Environmental Impact Assessment (in terms of ECA) for the proposed Westonaria South Housing Project
 POSITIONS HELD: **Project Leader and Environmental Manager**
 ACTIVITIES PERFORMED:

- Write the EIA and EMP;
- Key Client Liaison and Management;
- Authority Liaison.

NAME OF ASSIGNMENT/PROJECT: **MUNSIEVILLE URBAN RENEWAL PROJECT**
 YEAR: From: 2007 To: 2009
 LOCATION: Gauteng, South Africa
 CLIENT: Urban Dynamics/Power House
 MAIN PROJECT FEATURES: Scoping and Environmental Impact Assessment for the proposed Munsieville Urban Renewal Project
 POSITIONS HELD: **Project Leader and Environmental Manager**
 ACTIVITIES PERFORMED:

- Key Client Liaison and Management;
- Authority Liaison.

NAME OF ASSIGNMENT/PROJECT: **TSHABA TSWANE PROJECT**
 YEAR: From: 2007 To: 2008
 LOCATION: Gauteng, South Africa
 CLIENT: National Department of Public Works
 MAIN PROJECT FEATURES: Geological Sensitivity Assessment for the proposed Tshaba Tswane Project
 POSITIONS HELD: **Project Specialist**
 ACTIVITIES PERFORMED: Compile Geological Sensitivity Assessment

WORK UNDERTAKEN THAT BEST ILLUSTRATES CAPABILITY TO HANDLE THE TASKS ASSIGNED:

NAME OF ASSIGNMENT/PROJECT: **BORROWPITS FOR WESTERN CAPE ROADS**
YEAR: From: 2007 To: 2007
LOCATION: Western Cape, South Africa
CLIENT: PD Naidoo & Associates
MAIN PROJECT FEATURES: EMPR's for a number of proposed Borrowpits in the Western Cape. Borrowpits associated with the resurfacing of roads:
- DR1279_1.0_R_100;
- DR1260_8-0_L_100;
- DR1260_9-25_L_50;
- OG4156_0-45_L_20;
- DR1262_4-5_L_30;
- DR1262_6-91_L and
- DR1265_14-78_L_120.
POSITIONS HELD: **Environmental Manager**
ACTIVITIES PERFORMED: Write and give technical input into the EMPRs

NAME OF ASSIGNMENT/PROJECT: **ESKOM KOMATI WATER SCHEME PIPELINE AND DESALINATION PLANT PROJECT**
YEAR: From: 2007 To: 2007
LOCATION: Mpumalanga, South Africa
CLIENT: Eskom Generation
MAIN PROJECT FEATURES: Environmental Opinion for the proposed Eskom Komati Water Scheme pipeline and Desalination Plant project
POSITIONS HELD: **Environmental Manager**
ACTIVITIES PERFORMED: Write and give technical input into the Environmental Opinion

NAME OF ASSIGNMENT/PROJECT: **WITHOK ESTATES AND VLAKFONTEIN DEVELOPMENTS**
YEAR: From: 2007 To: 2007
LOCATION: Gauteng, South Africa
CLIENT: Bigen Africa
MAIN PROJECT FEATURES: Environmental Risk Assessment for the proposed residential developments at Withok Estates and Vlakfontein
POSITIONS HELD: **Environmental Manager**
ACTIVITIES PERFORMED: Write and give technical input into the Environmental Opinion

NAME OF ASSIGNMENT/PROJECT: **TECHNICAL REPORT IN TERMS OF POTENTIAL PLATINUM RESOURCES**
YEAR: From: 2006 To: 2006
LOCATION: Limpopo, South Africa
CLIENT: The Mineral Corporation
MAIN PROJECT FEATURES: Interpretation of exploration and mining data and compilation of technical report in terms of potential Platinum resources
POSITIONS HELD: **Part-time Research Geologist**
ACTIVITIES PERFORMED:
- Interpretation of exploration and mining data;
- Compilation of technical report.

NAME OF ASSIGNMENT/PROJECT: **MEDIA MISFITS**
YEAR: From: 2004 To: 2004
LOCATION: South Africa
CLIENT: Media Monitoring Project

WORK UNDERTAKEN THAT BEST ILLUSTRATES CAPABILITY TO HANDLE THE TASKS ASSIGNED:

- MAIN PROJECT FEATURES: Monitoring print, TV and radio media in terms of the representation of the Youth and the subsequent interpretation of data and compilation of the report entitled *Media Misfits*
- POSITIONS HELD: **Part-Time Researcher**
- ACTIVITIES PERFORMED:
- Monitoring of Media;
 - Interpretation of statistical data;
 - Research;
 - Report compilation.

PUBLICATIONS:

- Tooth S, McCarthy T S, Hancox P J, Brandt D, Buckley K, Nortje E, McQuade S, (2002). The geomorphology of the Nyl River and floodplain in the semi-arid Northern Province, South Africa, *South African Geographical Journal*, 84

CONFERENCES:

- The King Sabata Dalindyebo Municipality (KSDM) Presidential Intervention Project - lessons learnt from the management of multiple Environmental Assessment Practitioners (EAPs) on a large scale bulk infrastructure project : **IAIASA, 2014**
- An EIA for a Nuclear Power Station in a sensitive but degraded natural and cultural environment : **IAIASA, 2013**

Certification

I, the undersigned, certify that to the best of my knowledge and belief, this CV correctly describes myself, my qualifications and my experience. I understand that any wilful misstatement described herein may lead to my disqualification or dismissal, if engaged.



[Signature of staff member or authorized representative of the staff]

Date: _____
Day/Month/Year

Full Name of Authorized Representative: _____



POSITION : **Senior Environmental Scientist**
NAME OF FIRM : GIBB (Pty) Ltd
NAME OF STAFF : Tashriq NAICKER
DATE OF BIRTH : 30.12.1987
NATIONALITY : South African
YEARS WITH FIRM : 1.5 years

SUMMARY OF QUALIFICATIONS:

A senior environmental scientist with five years of experience, Tashriq Naicker specialises in environmental management field.

Key experience includes:

- Environmental Impact Assessments
- Specialist Assistance with regard to bio-monitoring
- Basic Assessments
- Scoping & EIAs
- Environmental Opinions
- Geotechnical Risk Assessments
- Dust and Water Monitoring
- Section 24G Applications
- Renewable Energy Applications

EDUCATION:

<i>Institution:</i>	<i>Qualification:</i>	<i>Year Obtained:</i>
University of the Witwatersrand	Bachelor of Science (Geology & Environment and Conservation)	2007
University of the Witwatersrand	Bachelor of Science (Hons) Environmental Geology	2008

MEMBERSHIPS OF PROFESSIONAL ASSOCIATIONS:

- Registered as a Candidate Natural Scientist : South African Council for Natural and Scientific Professionals
- CandNatSci Registration No : 100052/11
- International Association for Impact Assessment – South African Charter (2880)

OTHER TRAINING:

- Attended Environmental & Mining Law workshop, presented by Mac Robert Attorneys, July 2013

COUNTRIES OF WORK EXPERIENCE:

South Africa

LANGUAGES:

English

Speaking:
Excellent**Reading:**
Excellent**Writing:**
excellent**EMPLOYMENT RECORD:**

From:	May 2013	To:	Date
Employer:			GIBB (Pty) Ltd
Position held:			Senior Environmental Scientist, Environmental Services Sector
From:	August 2012	To:	April 2013
Employer:			GIBB (Pty) Ltd
Position held:			Environmental Scientist, Environmental Services Sector
From:	March 2010	To:	July 2012
Employer:			Strategic Environmental Focus (Pty) Ltd
Position held:			Environmental Manager: Environmental Services Division
From:	April 2009	To:	March 2010
Employer:			Strategic Environmental Focus (Pty) Ltd
Position held:			Environmental Assistant: Environmental Services Division

DETAILED TASKS ASSIGNED (tasks to be performed under this assignment):

- Unassigned

WORK UNDERTAKEN THAT BEST ILLUSTRATES CAPABILITY TO HANDLE THE TASKS ASSIGNED:

NAME OF ASSIGNMENT/PROJECT: **PPC NEW MATERIAL**

YEAR: From: 2013 To: 2014

LOCATION: Johannesburg, South Africa

CLIENT: PPC Ltd

MAIN PROJECT FEATURES: Basic Assessment for the upgrade of an existing facility to process a new material that requires an amended AEL.

POSITIONS HELD: **Senior Environmental Scientist and EAP**

ACTIVITIES PERFORMED: Conducting the BA process, including report compilation, reviewing and interrogation of specialist studies, Client Liaison, Authority Liaison, extensive involvement with the project team, and public participation involvement.

NAME OF ASSIGNMENT/PROJECT: **KAZUNGULA DUE DILIGENCE**

YEAR: From: 2013 To: 2013

LOCATION: Botswana and Namibia

CLIENT: Botswana and Namibia Joint Venture

MAIN PROJECT FEATURES: Conduct a due diligence on the ESIA and processes that were completed and develop a comprehensive Environmental Action Plan for the project

POSITIONS HELD: **Senior Environmental Scientist**

ACTIVITIES PERFORMED: Review of the ESIA and associated specialist studies, compilation of the status quo report and input into the environmental action plan. Specialist and authority liaison.

WORK UNDERTAKEN THAT BEST ILLUSTRATES CAPABILITY TO HANDLE THE TASKS ASSIGNED:

NAME OF ASSIGNMENT/PROJECT: **NIGERIA MONO-RAIL**
 YEAR: From: 2013 To: 2014
 LOCATION: Nigeria
 CLIENT: Nigerian Government
 MAIN PROJECT FEATURES: Construction of a mono-rail network in Nigeria
 POSITIONS HELD: **Senior Environmental Scientist**
 ACTIVITIES PERFORMED: Management of the local environmental assessment practitioners and review of their reports to ensure due process.

NAME OF ASSIGNMENT/PROJECT: **WORCESTER ROAD REHABILITATION**
 YEAR: From: 2013 To: 2013
 LOCATION: Worcester, Western Cape, South Africa
 CLIENT: Aurecon RSA
 MAIN PROJECT FEATURES: Basic Assessment for the rehabilitation of main road 298
 POSITIONS HELD: **Senior Environmental Scientist and EAP**
 ACTIVITIES PERFORMED: Conducting the BA process, including report compilation, reviewing and interrogation of specialist studies, Client Liaison, Authority Liaison, extensive involvement with the project team, and public participation involvement

NAME OF ASSIGNMENT/PROJECT: **ZANDKOPSDRIFT 132 KV POWERLINE**
 YEAR: From: 2013 To: Ongoing
 LOCATION: Western and Northern Cape
 CLIENT: Eskom distribution – Western Region
 MAIN PROJECT FEATURES: BA for the construction of a 132kV powerline approximately 82 km long
 POSITIONS HELD: **Senior Environmental Scientist and EAP**
 ACTIVITIES PERFORMED: Conducting the BA process, including report compilation, reviewing and interrogation of specialist studies, Client Liaison, Authority Liaison, extensive involvement with the project team, and public participation involvement.

NAME OF ASSIGNMENT/PROJECT: **PPC SLURRY UPGRADES**
 YEAR: From: 2013 To: 2014
 LOCATION: Mafikeng, North West Province
 CLIENT: PPC Ltd
 MAIN PROJECT FEATURES: Basic Assessment for the upgrade of an existing facility that requires an amended AEL and WML.
 POSITIONS HELD: **Senior Environmental Scientist and EAP**
 ACTIVITIES PERFORMED: Conducting the BA process, including report compilation, reviewing and interrogation of specialist studies, Client Liaison, Authority Liaison, extensive involvement with the project team, and public participation involvement

NAME OF ASSIGNMENT/PROJECT: **UNIVERSITY OF PTA OX STREET**
 YEAR: From: 2013 To: 2014
 LOCATION: Pretoria, South Africa
 CLIENT: University of PTA
 MAIN PROJECT FEATURES: BA for the construction of a road which crosses a watercourse
 POSITIONS HELD: **Senior Environmental Scientist and EAP**
 ACTIVITIES PERFORMED: Conducting the BA process, including report compilation, reviewing and interrogation of specialist studies, Client Liaison, Authority Liaison, extensive involvement with the project team, and public participation involvement

WORK UNDERTAKEN THAT BEST ILLUSTRATES CAPABILITY TO HANDLE THE TASKS ASSIGNED:

NAME OF ASSIGNMENT/PROJECT: **ST HELENA WATERCOURSE CROSSING**
YEAR: From: 2012 To: 2013
LOCATION: St Helena, Western Cape Province, South Africa
CLIENT: Electrawinds
MAIN PROJECT FEATURES: Basic Assessment for the crossing of a watercourse by supporting infrastructure of a Wind Energy Facility.
POSITIONS HELD: **Environmental Scientist**
ACTIVITIES PERFORMED: Completed the BA process, over saw public participation and compiled the Basic Assessment Report

NAME OF ASSIGNMENT/PROJECT: **RUSTENBURG RAPID TRANSPORT: NORTH EAST CORRIDOR**
YEAR: From: 2012 To: 2013
LOCATION: Rustenburg, South Africa
CLIENT: Rustenburg Local Municipality
MAIN PROJECT FEATURES: BA for the upgrade of the R510 as part of the larger Rustenburg Rapid Transport Network
POSITIONS HELD: **Senior Environmental Scientist and EAP**
ACTIVITIES PERFORMED: Conducting the BA process, including report compilation, reviewing and interrogation of specialist studies, Client Liaison, Authority Liaison, extensive involvement with the project team, and public participation involvement

NAME OF ASSIGNMENT/PROJECT: **RUSTENBURG RAPID TRANSPORT: CBD**
YEAR: From: 2012 To: 2014
LOCATION: Rustenburg, South Africa
CLIENT: Rustenburg Local Municipality
MAIN PROJECT FEATURES: BA for the upgrade of the CBD as part of the larger Rustenburg Rapid Transport Network
POSITIONS HELD: **Senior Environmental Scientist and EAP**
ACTIVITIES PERFORMED: Conducting the BA process, including report compilation, reviewing and interrogation of specialist studies, Client Liaison, Authority Liaison, extensive involvement with the project team, and public participation involvement

NAME OF ASSIGNMENT/PROJECT: **RUSTENBURG RAPID TRANSPORT: NORTH WEST CORRIDOR**
YEAR: From: 2012 To: 2014
LOCATION: Rustenburg, South Africa
CLIENT: Rustenburg Local Municipality
MAIN PROJECT FEATURES: BA for the upgrade of the R565 and R104 as part of the larger Rustenburg Rapid Transport Network
POSITIONS HELD: **Senior Environmental Scientist and EAP**
ACTIVITIES PERFORMED: Conducting the BA process, including report compilation, reviewing and interrogation of specialist studies, Client Liaison, Authority Liaison, extensive involvement with the project team, and public participation involvement

NAME OF ASSIGNMENT/PROJECT: **RUSTENBURG RAPID TRANSPORT: BUS DEPOTS**
YEAR: From: 2012 To: Ongoing
LOCATION: Rustenburg, South Africa
CLIENT: Rustenburg Local Municipality

WORK UNDERTAKEN THAT BEST ILLUSTRATES CAPABILITY TO HANDLE THE TASKS ASSIGNED:

MAIN PROJECT FEATURES: Scoping EIA for the construction of Bus Depots for the Bus Rapid Transport (BRT) system as part of the larger Rustenburg Rapid Transport Network.

POSITIONS HELD: **Senior Environmental Scientist and EAP**

ACTIVITIES PERFORMED: Will be responsible for conducting the Scoping and EIR process, including report compilation, reviewing and interrogation of specialist studies, Client Liaison, Authority Liaison, extensive involvement with the project team, and public participation involvement.

NAME OF ASSIGNMENT/PROJECT: **PPC JUPITER SLAG MILLING PROCESS**

YEAR: From: 2012 To: 2014

LOCATION: Germiston, South Africa

CLIENT: PPC Cement

MAIN PROJECT FEATURES: BA for the milling of slag by the application of heat

POSITIONS HELD: **Environmental Scientist**

ACTIVITIES PERFORMED: Conducting the BA process, including report compilation, reviewing and interrogation of specialist studies, Client Liaison, Authority Liaison, and public participation involvement

NAME OF ASSIGNMENT/PROJECT: **CALEDON WIND FARM**

YEAR: From: 2012 To: 2013

LOCATION: Caledon, Western Cape, South Africa

CLIENT: Electrawinds

MAIN PROJECT FEATURES: Community Wind Energy Facility

POSITIONS HELD: **Environmental Scientist**

ACTIVITIES PERFORMED: Responsible for Authority and client liaison. Overseeing of additional public participation

NAME OF ASSIGNMENT/PROJECT: **SEF: TRANSALLOYS ENERGY PROJECT 1**

YEAR: From: 2011 To: 2012

LOCATION: De Aar, South Africa

CLIENT: Transalloys (Pty)Ltd

MAIN PROJECT FEATURES: BA for the establishment of a solar farm

POSITIONS HELD: **Environmental Manager**

ACTIVITIES PERFORMED: Conducting the BA process, including report compilation, reviewing and interrogation of specialist studies, Client Liaison, Authority Liaison, and public participation involvement.

NAME OF ASSIGNMENT/PROJECT: **SEF: TRANSALLOYS ENERGY PROJECT 1 – 132 KV POWER LINE**

YEAR: From: 2011 To: 2012

LOCATION: De Aar, South Africa

CLIENT: Transalloys (Pty)Ltd

MAIN PROJECT FEATURES: BA for the construction of a power line connecting the site to the nearest substation

POSITIONS HELD: **Environmental Manager**

ACTIVITIES PERFORMED: Conducting the BA process, including report compilation, reviewing and interrogation of specialist studies, Client Liaison, Authority Liaison, and public participation involvement

WORK UNDERTAKEN THAT BEST ILLUSTRATES CAPABILITY TO HANDLE THE TASKS ASSIGNED:

NAME OF ASSIGNMENT/PROJECT: **SEF: TRANSALLOYS ENERGY PROJECT 3**
YEAR: From: 2011 To: 2012
LOCATION: De Aar, South Africa
CLIENT: Transalloys (Pty)Ltd
MAIN PROJECT FEATURES: BA for the establishment of a solar farm
POSITIONS HELD: **Environmental Manager**
ACTIVITIES PERFORMED: Conducting the BA process, including report compilation, reviewing and interrogation of specialist studies, Client Liaison, Authority Liaison, and public participation involvement

NAME OF ASSIGNMENT/PROJECT: **SEF: TRANSALLOYS ENERGY PROJECT 3**
YEAR: From: 2011 To: 2012
LOCATION: De Aar, South Africa
CLIENT: Transalloys (Pty)Ltd
MAIN PROJECT FEATURES: BA for the establishment of a solar farm
POSITIONS HELD: **Environmental Manager**
ACTIVITIES PERFORMED: Conducting the BA process, including report compilation, reviewing and interrogation of specialist studies, Client Liaison, Authority Liaison, and public participation involvement.

NAME OF ASSIGNMENT/PROJECT: **SEF: TRANSALLOYS ENERGY PROJECT 4**
YEAR: From: 2011 To: 2012
LOCATION: Kuruman, South Africa
CLIENT: Transalloys (Pty)Ltd
MAIN PROJECT FEATURES: BA for the establishment of a solar farm
POSITIONS HELD: **Environmental Manager**
ACTIVITIES PERFORMED: Conducting the BA process, including report compilation, reviewing and interrogation of specialist studies, Client Liaison, Authority Liaison, and public participation involvement.

NAME OF ASSIGNMENT/PROJECT: **SEF: TRANSALLOYS ENERGY PROJECT 5**
YEAR: From: 2011 To: 2012
LOCATION: Free State, South Africa
CLIENT: Transalloys (Pty)Ltd
MAIN PROJECT FEATURES: BA for the establishment of a solar farm
POSITIONS HELD: **Environmental Manager**
ACTIVITIES PERFORMED: Conducting the BA process, including report compilation, reviewing and interrogation of specialist studies, Client Liaison, Authority Liaison, and public participation involvement

NAME OF ASSIGNMENT/PROJECT: **SEF: TRANSALLOYS ENERGY PROJECT 6**
YEAR: From: 2011 To: 2012
LOCATION: Northern Cape, South Africa
CLIENT: Transalloys (Pty)Ltd
MAIN PROJECT FEATURES: BA for the establishment of a solar farm
POSITIONS HELD: **Environmental Manager**
ACTIVITIES PERFORMED: Conducting the BA process, including report compilation, reviewing and interrogation of specialist studies, Client Liaison, Authority Liaison, and public participation involvement

WORK UNDERTAKEN THAT BEST ILLUSTRATES CAPABILITY TO HANDLE THE TASKS ASSIGNED:

NAME OF ASSIGNMENT/PROJECT: **SEF: TRANSALLOYS ENERGY PROJECT 7**
YEAR: From: 2011 To: 2012
LOCATION: Northern Cape, South Africa
CLIENT: Transalloys (Pty)Ltd
MAIN PROJECT FEATURES: BA for the establishment of a solar farm
POSITIONS HELD: **Environmental Manager**
ACTIVITIES PERFORMED: Conducting the BA process, including report compilation, reviewing and interrogation of specialist studies, Client Liaison, Authority Liaison, and public participation involvement

NAME OF ASSIGNMENT/PROJECT: **SEF: TRANSALLOYS ENERGY PROJECT 8**
YEAR: From: 2011 To: 2012
LOCATION: Jacobsdal, South Africa
CLIENT: Transalloys (Pty)Ltd
MAIN PROJECT FEATURES: BA for the establishment of a solar farm
POSITIONS HELD: **Environmental Manager**
ACTIVITIES PERFORMED: Conducting the BA process, including report compilation, reviewing and interrogation of specialist studies, Client Liaison, Authority Liaison, and public participation involvement

NAME OF ASSIGNMENT/PROJECT: **SEF: TRANSALLOYS ENERGY PROJECT 8 – 22 KV POWER LINE**
YEAR: From: 2011 To: 2012
LOCATION: Jacobsdal, South Africa
CLIENT: Transalloys (Pty)Ltd
MAIN PROJECT FEATURES: BA for the construction of a power line connecting the site to the nearest substation
POSITIONS HELD: **Environmental Manager**
ACTIVITIES PERFORMED: Conducting the BA process, including report compilation, reviewing and interrogation of specialist studies, Client Liaison, Authority Liaison, and public participation involvement

NAME OF ASSIGNMENT/PROJECT: **SEF: TRANSALLOYS ENERGY PROJECT 9**
YEAR: From: 2011 To: 2012
LOCATION: Mpumalanga, South Africa
CLIENT: Transalloys (Pty)Ltd
MAIN PROJECT FEATURES: BA for the establishment of a solar farm
POSITIONS HELD: **Environmental Manager**
ACTIVITIES PERFORMED: Conducting the BA process, including report compilation, reviewing and interrogation of specialist studies, Client Liaison, Authority Liaison, and public participation involvement

NAME OF ASSIGNMENT/PROJECT: **SEF: TRANSALLOYS ENERGY PROJECT 10**
YEAR: From: 2011 To: 2012
LOCATION: Jacobsdal, South Africa
CLIENT: Transalloys (Pty)Ltd
MAIN PROJECT FEATURES: BA for the establishment of a solar farm
POSITIONS HELD: **Environmental Manager**

WORK UNDERTAKEN THAT BEST ILLUSTRATES CAPABILITY TO HANDLE THE TASKS ASSIGNED:

ACTIVITIES PERFORMED: Conducting the BA process, including report compilation, reviewing and interrogation of specialist studies, Client Liaison, Authority Liaison, and public participation involvement

NAME OF ASSIGNMENT/PROJECT: **SEF: OLAM ENERGY PROJECT 10 – 22 KV POWER LINE**
 YEAR: From: 2011 To: 2012
 LOCATION: Jacobsdal, South Africa
 CLIENT: Olam Energy (Pty)Ltd
 MAIN PROJECT FEATURES: BA for the construction of a power line connecting the site to the nearest substation
 POSITIONS HELD: **Environmental Manager**
 ACTIVITIES PERFORMED: Conducting the BA process, including report compilation, reviewing and interrogation of specialist studies, Client Liaison, Authority Liaison, and public participation involvement

NAME OF ASSIGNMENT/PROJECT: **SEF: OLAM ENERGY PROJECT 11**
 YEAR: From: 2011 To: 2012
 LOCATION: Mpumalanga, South Africa
 CLIENT: Olam Energy (Pty)Ltd
 MAIN PROJECT FEATURES: BA for the establishment of a solar farm
 POSITIONS HELD: **Environmental Manager**
 ACTIVITIES PERFORMED: Conducting the BA process, including report compilation, reviewing and interrogation of specialist studies, Client Liaison, Authority Liaison, and public participation involvement

NAME OF ASSIGNMENT/PROJECT: **SEF: INYANGA ENERGY PROJECT 1**
 YEAR: From: 2011 To: 2012
 LOCATION: De Aar, South Africa
 CLIENT: Inyanga Energy (Pty)Ltd
 MAIN PROJECT FEATURES: Scoping EIA for the establishment of a solar farm
 POSITIONS HELD: **Environmental Manager**
 ACTIVITIES PERFORMED: Conducting the Scoping assessment process, including report compilation, Client Liaison, Authority Liaison, and public participation involvement

NAME OF ASSIGNMENT/PROJECT: **SEF: INYANGA ENERGY PROJECT 7**
 YEAR: From: 2011 To: 2012
 LOCATION: Northern Cape, South Africa
 CLIENT: Inyanga Energy (Pty)Ltd
 MAIN PROJECT FEATURES: Scoping EIA for the establishment of a solar farm
 POSITIONS HELD: **Environmental Manager**
 ACTIVITIES PERFORMED: Conducting the Scoping and EIA assessment process, including report compilation, reviewing and interrogation of specialist studies, Client Liaison, Authority Liaison, and public participation involvement

NAME OF ASSIGNMENT/PROJECT: **SEF: INYANGA ENERGY PROJECT 8**
 YEAR: From: 2011 To: 2012
 LOCATION: Jacobsdal, South Africa
 CLIENT: Inyanga Energy (Pty)Ltd

WORK UNDERTAKEN THAT BEST ILLUSTRATES CAPABILITY TO HANDLE THE TASKS ASSIGNED:

MAIN PROJECT FEATURES: Scoping EIA for the establishment of a solar farm
 POSITIONS HELD: [Environmental Manager](#)
 ACTIVITIES PERFORMED: Conducting the Scoping and EIA assessment process, including report compilation, reviewing and interrogation of specialist studies, Client Liaison, Authority Liaison, and public participation involvement

NAME OF ASSIGNMENT/PROJECT: [SEF: INYANGA ENERGY PROJECT 9](#)
 YEAR: From: 2011 To: 2012
 LOCATION: Mpumalanga, South Africa
 CLIENT: Inyanga Energy (Pty)Ltd
 MAIN PROJECT FEATURES: Scoping EIA for the establishment of a solar farm
 POSITIONS HELD: [Environmental Manager](#)
 ACTIVITIES PERFORMED: Conducting the Scoping and EIA assessment process, including report compilation, reviewing and interrogation of specialist studies, Client Liaison, Authority Liaison, and public participation involvement

NAME OF ASSIGNMENT/PROJECT: [SEF: SQUARE KILOMETRE ARRAY LEGISLATIVE REVIEW \(EIA PROCESS COMPONENT\)](#)
 YEAR: From: 2011 To: 2011
 LOCATION: Southern Africa
 CLIENT: SKA panel
 MAIN PROJECT FEATURES: Responsible for the outline of the various environmental legislative processes that would be required for the installation of the various satellite dishes for the limbs of the SKA project extending into neighbouring African countries.
 POSITIONS HELD: [Environmental Manager](#)
 ACTIVITIES PERFORMED: Environmental Legislative review and interpretation.

NAME OF ASSIGNMENT/PROJECT: [SEF: DEPARTMENT OF ENVIRONMENTAL AFFAIRS – COORDINATED AND INTEGRATED PERMITTING SYSTEM](#)
 YEAR: From: 2011 To: 2012
 LOCATION: Pretoria, South Africa
 CLIENT: Department of Environmental Affairs
 MAIN PROJECT FEATURES: Develop a Coordinated and Integrated Permitting System for the DEA for all permit/licenses/authorisations issued by the DEA
 POSITIONS HELD: [Environmental Manager](#)
 ACTIVITIES PERFORMED: Was responsible for analysing the current procedures that are followed by the DEA for each branch/directorate and compare it to the legislation. Had to then develop and compile a framework report outlining which processes could be integrated and which could only be coordinated, and had to ensure that this met legislative requirements. This process was work-shopped with the DEA and their input was captured and the frame work report revised. The project did not get to implementation stage

NAME OF ASSIGNMENT/PROJECT: [SEF: HUDDLE PARK DEVELOPMENT](#)
 YEAR: From: 2012 To: 2012
 LOCATION: Johannesburg, South Africa
 CLIENT: Huddle Park (Pty) Ltd
 MAIN PROJECT FEATURES: Scoping EIA for the establishment of a mixed use development.
 POSITIONS HELD: [Environmental Manager](#)

WORK UNDERTAKEN THAT BEST ILLUSTRATES CAPABILITY TO HANDLE THE TASKS ASSIGNED:

ACTIVITIES PERFORMED: Conducting the Scoping assessment process, including report compilation, extensive Client Liaison, Authority Liaison, and public participation involvement.

NAME OF ASSIGNMENT/PROJECT: **SEF: VODACOM DATA PARK**
 YEAR: From: 2012 To: 2012
 LOCATION: Johannesburg, South Africa
 CLIENT: Vodacom Properties (Pty) Ltd
 MAIN PROJECT FEATURES: BA for the construction of a data centre
 POSITIONS HELD: **Environmental Manager**
 ACTIVITIES PERFORMED: Conducting the BA process, including report compilation, reviewing Environmental Assistant's work, Client Liaison, Authority Liaison, and public participation involvement

NAME OF ASSIGNMENT/PROJECT: **SEF: NETGROUP NELSPRUIT KANYAMAZANE SEA – GEOTECHNICAL RISK ASSESSMENT**
 YEAR: From: 2012 To: 2012
 LOCATION: Nelspruit, South Africa
 CLIENT: NETgroup
 MAIN PROJECT FEATURES: Geotechnical Risk Assessment for the Strategic Environmental Assessment for Eskom's distribution network
 POSITIONS HELD: **Environmental Geologist**
 ACTIVITIES PERFORMED: Conducted a desktop Geotechnical Risk Assessment to inform the KaNyamazane SEA

NAME OF ASSIGNMENT/PROJECT: **SEF: NETGROUP WEST COAST SEA**
 YEAR: From: 2010 To: 2010
 LOCATION: West Coast of South Africa
 CLIENT: NETgroup
 MAIN PROJECT FEATURES: Geotechnical Risk Assessment for the Strategic Environmental Assessment for Eskom's distribution network
 POSITIONS HELD: **Environmental Geologist**
 ACTIVITIES PERFORMED: Conducted a desktop Geotechnical Risk Assessment to inform the SEA.

NAME OF ASSIGNMENT/PROJECT: **SEF: NETGROUP EAST RAND SEA**
 YEAR: From: 2010 To: 2010
 LOCATION: East Rand of Gauteng, South Africa
 CLIENT: NETgroup
 MAIN PROJECT FEATURES: Geotechnical Risk Assessment for the Strategic Environmental Assessment for Eskom's distribution network
 POSITIONS HELD: **Environmental Geologist**
 ACTIVITIES PERFORMED: Conducted a desktop Geotechnical Risk Assessment to inform the SEA.

NAME OF ASSIGNMENT/PROJECT: **SEF: OMNIA SASOLBURG DUST MONITORING**
 YEAR: From: 2010 To: 2012
 LOCATION: Sasolburg, South Africa
 CLIENT: Omnia (Pty) Ltd
 MAIN PROJECT FEATURES: Fall out dust monitoring

WORK UNDERTAKEN THAT BEST ILLUSTRATES CAPABILITY TO HANDLE THE TASKS ASSIGNED:

POSITIONS HELD: [Environmental Manager](#)
ACTIVITIES PERFORMED: Conducted monthly fall out dust monitoring including analytically interpretation of the data received and recommendation of possible solutions

NAME OF ASSIGNMENT/PROJECT: [SEF: OMNIA RUSTENBURG DUST MONITORING](#)
YEAR: From: 2010 To: 2012
LOCATION: Rustenburg, South Africa
CLIENT: Omnia (Pty) Ltd
MAIN PROJECT FEATURES: Fall out dust monitoring
POSITIONS HELD: [Environmental Manager](#)
ACTIVITIES PERFORMED: Conducted monthly fall out dust monitoring including analytically interpretation of the data received and recommendation of possible solutions.

NAME OF ASSIGNMENT/PROJECT: [SEF: OMNIA DRYDEN DUST MONITORING](#)
YEAR: From: 2011 To: 2012
LOCATION: Dryden, South Africa
CLIENT: Omnia (Pty) Ltd
MAIN PROJECT FEATURES: Fall out dust monitoring
POSITIONS HELD: [Environmental Manager](#)
ACTIVITIES PERFORMED: Conducted monthly fall out dust monitoring including analytically interpretation of the data received and recommendation of possible solutions

NAME OF ASSIGNMENT/PROJECT: [SEF: OMNIA CATO RIDGE DUST MONITORING](#)
YEAR: From: 2011 To: 2012
LOCATION: Cato Ridge, South Africa
CLIENT: Omnia (Pty) Ltd
MAIN PROJECT FEATURES: Fall out dust monitoring
POSITIONS HELD: [Environmental Manager](#)
ACTIVITIES PERFORMED: Conducted monthly fall out dust monitoring including analytically interpretation of the data received and recommendation of possible solutions

NAME OF ASSIGNMENT/PROJECT: [SEF: OMNIA HECTORSPRUIT DUST MONITORING](#)
YEAR: From: 2011 To: 2012
LOCATION: Hectorspruit, South Africa
CLIENT: Omnia (Pty) Ltd
MAIN PROJECT FEATURES: Fall out dust monitoring
POSITIONS HELD: [Environmental Manager](#)
ACTIVITIES PERFORMED: Conducted monthly fall out dust monitoring including analytically interpretation of the data received and recommendation of possible solutions

NAME OF ASSIGNMENT/PROJECT: [SEF: ANDALUSITE RESOURCES DUST MONITORING](#)
YEAR: From: 2009 To: 2010
LOCATION: Thabazimbi, South Africa
CLIENT: Andalusite Resources (Pty) Ltd
MAIN PROJECT FEATURES: Fall out dust monitoring
POSITIONS HELD: [Environmental Manager](#)
ACTIVITIES PERFORMED: Conducted monthly fall out dust monitoring including analytically interpretation of the data received and recommendation of possible solutions.

WORK UNDERTAKEN THAT BEST ILLUSTRATES CAPABILITY TO HANDLE THE TASKS ASSIGNED:

NAME OF ASSIGNMENT/PROJECT: **SEF: CERAMIC INDUSTRIES WATER QUALITY MONITORING**
 YEAR: From: 2010 To: 2012
 LOCATION: Vereeniging, South Africa
 CLIENT: Ceramic Industries
 MAIN PROJECT FEATURES: Water Quality Monitoring
 POSITIONS HELD: **Environmental Manager**
 ACTIVITIES PERFORMED: Conducted monthly water quality monitoring including analytically interpretation of the data received and recommendation of possible solutions

NAME OF ASSIGNMENT/PROJECT: **SEF: NATIONAL CHICKS WATER QUALITY ASSESSMENT**
 YEAR: From: 2011 To: 2011
 LOCATION: Pretoria, South Africa
 CLIENT: National Chicks (Pty) Ltd
 MAIN PROJECT FEATURES: Water Quality Monitoring
 POSITIONS HELD: **Environmental Manager**
 ACTIVITIES PERFORMED: Conducted a once off water quality assessment including analytically interpretation of the data received and recommendation of possible solutions

NAME OF ASSIGNMENT/PROJECT: **SEF: VLAKPLAATS SECTION 24 G APPLICATION**
 YEAR: From: 2010 To: 2010
 LOCATION: Mogale City, South Africa
 CLIENT: Mogale City Local Municipality
 MAIN PROJECT FEATURES: Section 24 G report
 POSITIONS HELD: **Environmental Assistant**
 ACTIVITIES PERFORMED: Assisted with the compilation of an environmental management plan for the operation and rehabilitation phase of the development

NAME OF ASSIGNMENT/PROJECT: **SEF: USSHER SITE MIXED USE DEVELOPMENT**
 YEAR: From: 2010 To: 2011
 LOCATION: Johannesburg, South Africa
 CLIENT: Standard Bank Properties (Pty) Ltd
 MAIN PROJECT FEATURES: Scoping EIA for a mixed use development
 POSITIONS HELD: **Environmental Manager/Assistant**
 ACTIVITIES PERFORMED: Conducting the Scoping and EIA assessment process, including report compilation, reviewing and interrogation of specialist studies, Client Liaison, Authority Liaison, and public participation involvement

NAME OF ASSIGNMENT/PROJECT: **SEF: OLIFANTSVLEI CEMETERY**
 YEAR: From: 2010 To: 2011
 LOCATION: Johannesburg, South Africa
 CLIENT: Johannesburg City Parks
 MAIN PROJECT FEATURES: Scoping EIA for the establishment of a regional cemetery
 POSITIONS HELD: **Environmental Manager**
 ACTIVITIES PERFORMED: Conducting the Scoping and EIA assessment process, including report compilation, reviewing and interrogation of specialist studies, Client Liaison, Authority Liaison, and public participation involvement

NAME OF ASSIGNMENT/PROJECT: **SEF: WEST LAKE VIEW DEVELOPMENT**
YEAR: From: 2010 To: 2011
LOCATION: Johannesburg, South Africa
CLIENT: Heartland Properties (Pty) Ltd
MAIN PROJECT FEATURES: Scoping EIA for the establishment of a mixed use development
POSITIONS HELD: **Environmental Manager**
ACTIVITIES PERFORMED: Conducting the Scoping and EIA assessment process, including report compilation, reviewing and interrogation of specialist studies, Client Liaison, Authority Liaison, and public participation involvement

NAME OF ASSIGNMENT/PROJECT: **SEF: RAINBOW JUNCTION TWIN FILLING STATION**
YEAR: From: 2010 To: 2010
LOCATION: Pretoria, South Africa
CLIENT: Sinovich Group (Pty) Ltd
MAIN PROJECT FEATURES: Scoping EIA for the establishment of Twin Filling Stations
POSITIONS HELD: **Environmental Assistant**
ACTIVITIES PERFORMED: Assisted with obtaining heritage approvals and extensive authority liaison

NAME OF ASSIGNMENT/PROJECT: **SEF: INNOLAND EXTENSION 1**
YEAR: From: 2010 To: 2011
LOCATION: Pretoria, South Africa
CLIENT: Innoland (Pty) Ltd
MAIN PROJECT FEATURES: BA for the establishment of a commercial development
POSITIONS HELD: **Environmental Manager**
ACTIVITIES PERFORMED: Conducting the BA process, including report compilation, reviewing and interrogation of specialist studies, extensive Client Liaison, Authority Liaison, and public participation involvement

NAME OF ASSIGNMENT/PROJECT: **SEF: INNOLAND EXTENSION 2**
YEAR: From: 2010 To: 2011
LOCATION: Pretoria, South Africa
CLIENT: Innoland (Pty) Ltd
MAIN PROJECT FEATURES: BA for the establishment of a mixed use development
POSITIONS HELD: **Environmental Manager**
ACTIVITIES PERFORMED: Conducting the BA process, including report compilation, reviewing and interrogation of specialist studies, extensive Client Liaison, Authority Liaison, and public participation involvement

NAME OF ASSIGNMENT/PROJECT: **SEF: EXTENSION 34, MONTANNA AGRICULTURAL HOLDINGS MIXED USE DEVELOPMENT**
YEAR: From: 2010 To: 2011
LOCATION: Pretoria, South Africa
CLIENT: Sinovich Group
MAIN PROJECT FEATURES: BA for the establishment of a mixed use development
POSITIONS HELD: **Environmental Manager/Project Manager**
ACTIVITIES PERFORMED: Conducting the BA process, including report compilation, reviewing and interrogation of specialist studies, extensive Client Liaison, Authority Liaison, and public participation involvement.

WORK UNDERTAKEN THAT BEST ILLUSTRATES CAPABILITY TO HANDLE THE TASKS ASSIGNED:

NAME OF ASSIGNMENT/PROJECT: **SEF: HAZELDEAN FILLING STATION**
 YEAR: From: 2009 To: 2009
 LOCATION: Pretoria, South Africa
 CLIENT: Abland (Pty) Ltd
 MAIN PROJECT FEATURES: Scoping EIA for the establishment of a filling station
 POSITIONS HELD: **Environmental Assistant**
 ACTIVITIES PERFORMED: Assisted extensive authority liaison

NAME OF ASSIGNMENT/PROJECT: **SEF: MULDRSDRIFT OUTFALL SEWER**
 YEAR: From: 2009 To: 2009
 LOCATION: Krugersdorp, South Africa
 CLIENT: Mogale City Local Municipality
 MAIN PROJECT FEATURES: Scoping EIA for the upgrade of a sewer reticulation system
 POSITIONS HELD: **Environmental Assistant**
 ACTIVITIES PERFORMED: Assisted with the completion of the EIR and extensive authority liaison

NAME OF ASSIGNMENT/PROJECT: **SEF: WEST VILLAGE OUTFALL SEWER**
 YEAR: From: 2009 To: 2009
 LOCATION: West Rand District, South Africa
 CLIENT: West Rand District Municipality
 MAIN PROJECT FEATURES: BA for the upgrade of a sewer reticulation system
 POSITIONS HELD: **Environmental Assistant**
 ACTIVITIES PERFORMED: Assisted with the completion of the BAR and extensive authority liaison

NAME OF ASSIGNMENT/PROJECT: **SEF: SOUTH GERMISTON EXTENSION 21 MIXED USE DEVELOPMENT**
 YEAR: From: 2009 To: 2009
 LOCATION: Germiston, South Africa
 CLIENT: Urban Dynamics (Pty) Ltd
 MAIN PROJECT FEATURES: BA for the establishment of a mixed use development
 POSITIONS HELD: **Environmental Assistant**
 ACTIVITIES PERFORMED: Assisted with the completion of the BAR and extensive authority liaison

NAME OF ASSIGNMENT/PROJECT: **SEF: BALFOUR DIESEL TANKS**
 YEAR: From: 2009 To: 2009
 LOCATION: Balfour, South Africa
 CLIENT: Great Basin Gold
 MAIN PROJECT FEATURES: BA for the installation of diesel tanks
 POSITIONS HELD: **Environmental Assistant**
 ACTIVITIES PERFORMED: Assisted with the compilation of the BAR and extensive client and authority liaison

NAME OF ASSIGNMENT/PROJECT: **SEF: ELANDSDRIFT WATER PIPELINE**
 YEAR: From: 2009 To: 2009
 LOCATION: Mogale City, South Africa
 CLIENT: Mogale City Local Municipality
 MAIN PROJECT FEATURES: BA for the establishment of a water reticulation pipeline
 POSITIONS HELD: **Environmental Assistant**
 ACTIVITIES PERFORMED: Conducting the BA process, including report compilation, reviewing and

WORK UNDERTAKEN THAT BEST ILLUSTRATES CAPABILITY TO HANDLE THE TASKS ASSIGNED:

interrogation of specialist studies, extensive Client Liaison, Authority Liaison, and public participation involvement.

NAME OF ASSIGNMENT/PROJECT: **SEF: REDLEAF TRADING**
 YEAR: From: 2009 To: 2009
 LOCATION: Vereeniging, South Africa
 CLIENT: Redleaf Trading (Pty) Ltd
 MAIN PROJECT FEATURES: BA for the installation of LPG tanks
 POSITIONS HELD: **Environmental Manager**
 ACTIVITIES PERFORMED: Conducting the BA process, including report compilation, reviewing and interrogation of specialist studies, extensive Client Liaison, Authority Liaison, and public participation involvement

NAME OF ASSIGNMENT/PROJECT: **SEF: EXTENSION OF AVALON CEMETERY**
 YEAR: From: 2009 To: 2010
 LOCATION: Johannesburg, South Africa
 CLIENT: Johannesburg City Parks
 MAIN PROJECT FEATURES: BA for the extension of a cemetery
 POSITIONS HELD: **Environmental Manager**
 ACTIVITIES PERFORMED: Conducting the BA process, including report compilation, reviewing and interrogation of specialist studies, extensive Client Liaison, Authority Liaison, and public participation involvement

NAME OF ASSIGNMENT/PROJECT: **SEF: K34 REALIGNMENT ALONG LYNNWOOD ROAD ENVIRONMENTAL OPINION**
 YEAR: From: 2012 To: 2012
 LOCATION: Pretoria, South Africa
 CLIENT: Bigen Africa (Pty) Ltd
 MAIN PROJECT FEATURES: Environmental opinion
 POSITIONS HELD: **Environmental Manager**
 ACTIVITIES PERFORMED: Compilation of an environmental opinion proving that the proposed activities do not require environmental authorisation

NAME OF ASSIGNMENT/PROJECT: **SEF: MONTANA HOLDINGS EXT 34, ENVIRONMENTAL OPINION**
 YEAR: From: 2011 To: 2011
 LOCATION: Pretoria, South Africa
 CLIENT: Sinovich Group
 MAIN PROJECT FEATURES: Environmental opinion
 POSITIONS HELD: **Environmental Manager**
 ACTIVITIES PERFORMED: Compilation of an environmental opinion proving that the proposed activities do not require environmental authorisation

NAME OF ASSIGNMENT/PROJECT: **SEF: MEGATRON FEDERAL TELECOMMUNICATIONS MAST ENVIRONMENTAL OPINION**
 YEAR: From: 2010 To: 2010
 LOCATION: Midrand, South Africa
 CLIENT: Megatron Federal (Pty) Ltd
 MAIN PROJECT FEATURES: Environmental opinion

WORK UNDERTAKEN THAT BEST ILLUSTRATES CAPABILITY TO HANDLE THE TASKS ASSIGNED:

POSITIONS HELD: **Environmental Manager**
ACTIVITIES PERFORMED: Compilation of an environmental opinion proving that the proposed activities do not require environmental authorisation

NAME OF ASSIGNMENT/PROJECT: **SEF: DIEPSLOOT STORM WATER UPGRADE ENVIRONMENTAL OPINION**
YEAR: From: 2009 To: 2009
LOCATION: Diepsloot, South Africa
CLIENT: Semenya Furumele Consulting (Pty) Ltd
MAIN PROJECT FEATURES: Environmental opinion
POSITIONS HELD: **Environmental Manager**
ACTIVITIES PERFORMED: Compilation of an environmental opinion proving that the proposed activities do not require environmental authorisation.

PUBLICATIONS:

- None

Certification

I, the undersigned, certify that to the best of my knowledge and belief, this CV correctly describes myself, my qualifications and my experience. I understand that any wilful misstatement described herein may lead to my disqualification or dismissal, if engaged.

[Signature of staff member or authorized representative of the staff]

Date: _____
Day/Month/Year

Full Name of Authorized Representative: Tashriq Naicker



POSITION : Environmental Assistant
 NAME OF FIRM : GIBB (Pty) Ltd
 NAME OF STAFF : Alecia BARNARD
 DATE OF BIRTH : 27.02.1991
 NATIONALITY : South African
 YEARS WITH FIRM : 3

SUMMARY OF QUALIFICATIONS:

An environmental project administrator with three years of experience, Alecia Barnard specialises in Environmental Management field, specifically in environmental licensing (Scoping and Environmental Impact Assessment, Water Use Licenses, Waste Management Licenses, Air Emissions Licenses).

Key experience includes:

- Project Administration
- Various site inspections:
 - Environmental Control officer
 - Initial site investigations on various Licensing projects
 - Compile ECO Report stipulating findings & recommendations
- Public Participation Process
 - Facilitate Public Meetings/Open days
 - Compile Media Notices
 - Public Participation Officer
 - Compile Comments & Response Report
- Assist with various licencing projects, providing input in the following:
 - Scoping & Environmental Impact Report (S&EIR)
 - Environmental Basic Assessment Report (BAR)
 - Environmental Management Plan / Programme (EMP)
 - Waste Management License Application (WML)
 - Water Use License Application (WULA)
 - Section 24G Application

EDUCATION:

Institution:

University of South Africa

Qualification:

Bachelor of Science in
 Environmental Management
 (Botany Stream)

Year Obtained:

2014

MEMBERSHIPS OF PROFESSIONAL ASSOCIATIONS:

- None

OTHER TRAINING:

- None

COUNTRIES OF WORK EXPERIENCE:

South Africa

LANGUAGES:

	Speaking:	Reading:	Writing:
Afrikaans	Excellent	Excellent	Excellent
English	Excellent	Excellent	Excellent

EMPLOYMENT RECORD:

From: February 2011 **To:** Date
Employer: GIBB (Pty) Ltd
Position held: Environmental Assistant

From: February 2010 **To:** August 2010
Employer: First National Bank
Position held: Broker Assistant

DETAILED TASKS ASSIGNED (tasks to be performed under this assignment):

– unassigned

WORK UNDERTAKEN THAT BEST ILLUSTRATES CAPABILITY TO HANDLE THE TASKS ASSIGNED:

NAME OF ASSIGNMENT/PROJECT: **TRANSNET SECTION 24G AND WATER USE LICENSE**
YEAR: From: 2012 To: 2013
LOCATION: Moreleta Park, Gauteng, South Africa
CLIENT: Transnet Pipelines
MAIN PROJECT FEATURES: Undertake the rectification application and water use license for the construction of gabions within the Moreletaspruit
POSITIONS HELD: **Environmental Scientist and Project Administrator**
ACTIVITIES PERFORMED:

- Compilation of Final Environmental Impact Report and Water Use License for submission to the relevant Authorities and Stakeholders and for public review;
- Project Invoicing & Progress Reports;
- Compile Environmental Management Programme;
- Public Participation Process.

NAME OF ASSIGNMENT/PROJECT: **NECSA SAFARI-2 ENVIRONMENTAL IMPACT ASSESSMENT**
YEAR: From: 2012 To: 2014
LOCATION: Necsa Pelindaba Site, North West Province, South Africa
CLIENT: Necsa (Pty) Ltd
MAIN PROJECT FEATURES: Undertake Scoping and EIA for a proposed new isotope production reactor with research capabilities on behalf of Necsa (SOC) Ltd
POSITIONS HELD: **Project Administrators**
ACTIVITIES PERFORMED:

- Quality Management;
- Project Invoicing & Progress Reports.

NAME OF ASSIGNMENT/PROJECT: **RUSTENBURG RAPID TRANSPORT NETWORK: NE CORRODOR BA & WULA**
YEAR: From: 2012 To: 2014

WORK UNDERTAKEN THAT BEST ILLUSTRATES CAPABILITY TO HANDLE THE TASKS ASSIGNED:

LOCATION: Rustenburg, North West Province, South Africa
 CLIENT: Rustenburg Local Municipality (RLM)
 MAIN PROJECT FEATURES: Undertake the environmental licensing processes including Basic Assessment and Water Use Licensing on behalf of the RLM for the proposed construction and implementation of a Bus Rapid Transport Network for Rustenburg along the NE Corridor
 POSITIONS HELD: **Project Administrator & Environmental Assistant**
 ACTIVITIES PERFORMED:

- Quality Management;
- Project Invoicing & Progress Reports;
- Compile Water Use License;
- Conduct Windeed searches;
- Public Participation Process.

NAME OF ASSIGNMENT/PROJECT: **RUSTENBURG RAPID TRANSPORT NETWORK: BUS DEPOTS EIA**
 YEAR: From: 2012 To: 2014
 LOCATION: Rustenburg, North West Province, South Africa
 CLIENT: Rustenburg Local Municipality (RLM)
 MAIN PROJECT FEATURES: Undertake the environmental licensing processes including Environmental Impact Assessment on behalf of the RLM for the proposed construction of the Rustenburg Rapid Transport Network bus depots along the proposed route
 POSITIONS HELD: **Project Administrator & Environmental Assistant**
 ACTIVITIES PERFORMED:

- Quality Management;
- Project Invoicing & Progress Reports;
- Compile Environmental Scoping & Environmental Impact Report;
- Compile Environmental Management Programme;
- Conduct Windeed searches;
- Public Participation Process.

NAME OF ASSIGNMENT/PROJECT: **PPC SLAG GRINDING FACILITY – JUPITER SITE BASIC ASSESSMENT**
 YEAR: From: 2012 To: 2013
 LOCATION: Germiston, Gauteng, South Africa
 CLIENT: PPC (Pty) Ltd
 MAIN PROJECT FEATURES: Undertake the Basic Assessment process and manage the Air Quality Impact Assessment process for the existing Jupiter Cement Plant, to include the milling of slag to produce cement.
 POSITIONS HELD: **Project Administrator & Environmental Assistant**
 ACTIVITIES PERFORMED:

- Quality Management;
- Compile Environmental Management Programme;
- Project Invoicing & Progress Reports;
- Public Participation Process.

NAME OF ASSIGNMENT/PROJECT: **PPC NEW MATERIALS – JUPITER SITE BASIC ASSESSMENT**
 YEAR: From: 2012 To: 2014
 LOCATION: Germiston, Gauteng, South Africa
 CLIENT: PPC (Pty) Ltd
 MAIN PROJECT FEATURES: Undertake the Basic Assessment process and manage the Air Quality Impact Assessment process for the existing Jupiter Cement Plant, for the proposed inclusion of new material in the Cement Manufacturing process
 POSITIONS HELD: **Project Administrator & Environmental Assistant**
 ACTIVITIES PERFORMED:

- Quality Management;

WORK UNDERTAKEN THAT BEST ILLUSTRATES CAPABILITY TO HANDLE THE TASKS ASSIGNED:

- Project Invoicing & Progress Reports;
- Compile Basic Assessment Report;
- Compile Environmental Management Programme;
- Public Participation Process.

NAME OF ASSIGNMENT/PROJECT: **PPC FACILITY UPGRADES – SLURRY SITE BASIC ASSESSMENT**
 YEAR: From: 2013 To: 2014
 LOCATION: Mahikeng, North West Province
 CLIENT: PPC (Pty) Ltd
 MAIN PROJECT FEATURES: Undertake the Basic Assessment process and manage the Air Quality Impact Assessment process for the existing PPC Slurry Cement Plant, for the proposed facility upgrades.
 POSITIONS HELD: **Project Administrator & Environmental Assistant**
 ACTIVITIES PERFORMED:

- Quality Management;
- Project Invoicing & Progress Reports;
- Compile Basic Assessment Report;
- Compile Environmental Management Programme;
- Specialist Management;
- Public Participation Process.

NAME OF ASSIGNMENT/PROJECT: **GOLDFIELD BEATRIX MINE CO – GENERATION FACILITY**
 YEAR: From: 2012 To: 2013
 LOCATION: Goldfields Beatrix Mine, Theunissen, Free State, South Africa
 CLIENT: Goldfields
 MAIN PROJECT FEATURES: Undertake Basic Assessment and Mining EMPr for the authorisation of a co-generation facility at shaft 4 of the Beatrix Mine in Theunissen. The project involves the capture and flaring of naturally occurring methane gas for energy generation. The project will be registered as a Clean Development Mechanism project, and will be able to trade carbon credits as part of the programme
 POSITIONS HELD: **Project Administrator**
 ACTIVITIES PERFORMED:

- Quality Management;
- Project Invoicing & Progress Reports;
- Public Participation Process.

NAME OF ASSIGNMENT/PROJECT: **DANVILLE/ELANDSPOORT HOUSING PROJECT**
 YEAR: From: 2011 To: 2013
 LOCATION: Elandspoort/Danville, South Africa
 CLIENT: Department of Housing
 MAIN PROJECT FEATURES: The construction of low cost housing in the Danville/Elandspoort area.
 POSITIONS HELD: **Environmental Control Officer**
 ACTIVITIES PERFORMED:

- Conduct bi-weekly environmental compliance audits on site during the construction of low cost housing in the Danville/Elandspoort area;
- Client liaison;
- Compiling monthly reports;
- Bi-weekly meetings with the Project Engineer and Site Manager to discuss findings and compliance with the Environmental Management Plan

NAME OF ASSIGNMENT/PROJECT: **ORANGE FARM ROAD UPGRADES**
 YEAR: From: 2011 To: 2012

WORK UNDERTAKEN THAT BEST ILLUSTRATES CAPABILITY TO HANDLE THE TASKS ASSIGNED:

LOCATION: Orange Farm, South Africa
 CLIENT: Johannesburg Roads Agency
 MAIN PROJECT FEATURES: The upgrading of roads in the Orange Farm area
 POSITIONS HELD: **Environmental Control Officer**
 ACTIVITIES PERFORMED:

- Conduct monthly environmental compliance audits on site during the construction of road upgrades in the Orange Farm area;
- Compiling monthly reports;
- Monthly meetings with the Project Engineer and Site Manager to discuss findings and compliance with the EMP.

NAME OF ASSIGNMENT/PROJECT: **RETHABISENG BULK WATER SUPPLY AND SEWER PIPELINE CONSTRUCTION**
 YEAR: From: 2013 To: 2013
 LOCATION: Rethabiseng – Bronkhorstspuit, South Africa
 CLIENT: Department of Local Government & Housing
 MAIN PROJECT FEATURES: Construction of a bulk water supply pipeline as well as sewer and water reticulation operations
 POSITIONS HELD: **Environmental Control Officer**
 ACTIVITIES PERFORMED:

- Conduct monthly environmental compliance audits on site during the construction of the bulk water, sewer and water reticulation pipelines in the Rethabiseng area, Bronkhorstspuit;
- Compiling monthly reports;
- Monthly meetings with the Project Engineer and Site Managers on both sites to discuss findings and compliance with the Environmental Management Plan.

NAME OF ASSIGNMENT/PROJECT: **WESTGATE TARLTON ESKOM POWERLINE RE-ROUTING**
 YEAR: From: 2011 To: 2014
 LOCATION: Magaliesburg, South Africa
 CLIENT: Eskom
 MAIN PROJECT FEATURES: Re-routing the existing Eskom powerline so that the line doesn't run over a mining area with the potential of the line sagging over time with negative impacts as a result
 POSITIONS HELD: **Environmental Scientist**
 ACTIVITIES PERFORMED:

- Conduct initial site visit in order to analyse the affected area;
- Compile Basic Assessment Report;
- Compile Environmental Management Programme;
- Public Participation Process;
- Project Invoicing & Progress Reports;
- Compilation of the Basic Assessment Report.

NAME OF ASSIGNMENT/PROJECT: **OSHO COEGA CEMENT GRINDING FACILITY EIA**
 YEAR: From: 2012 To: 2013
 LOCATION: Port Elizabeth, South Africa
 CLIENT: OSHO Investments Holdings (Pty) Ltd
 MAIN PROJECT FEATURES: Construction of a Cement Grinding Facility in Coega IDZ, Port Elizabeth area for the production of slag
 POSITIONS HELD: **Project Administrator**
 ACTIVITIES PERFORMED:

- Compile Environmental Management Programme;
- Public Participation Process;
- Project Invoicing & Progress Reports.

NAME OF ASSIGNMENT/PROJECT: **CRADLE OF HUMANKIND MOUNTAIN BIKE TRIAL FEASIBILITY STUDY**
YEAR: From: 2011 To: 2012
LOCATION: Gauteng, South Africa
CLIENT: Cradle of Humankind world heritage
MAIN PROJECT FEATURES: Conducting a feasibility study for a proposed mountain bike trial to be constructed in the Cradle of Humankind area.
POSITIONS HELD: **Project Administrator**
ACTIVITIES PERFORMED:

- Project Invoicing & Progress Reports;
- Public Participation Process.

NAME OF ASSIGNMENT/PROJECT: **ZANDKOPSDRIFT 132KV POWERLINE BA & WULA**
YEAR: From: 2013 To: 2014
LOCATION: Western Cape / Northern Cape, South Africa
CLIENT: Eskom Holdings (SOC) Ltd, Western Distribution Unit
MAIN PROJECT FEATURES: Undertake the environmental licensing processes including Basic Assessment & Water Use License Application on behalf of Eskom for the proposed construction a 132kV Eskom overhead powerline to be constructed from the Hoekklip Substation (Western Cape) to the Zandkopsdrift mine (Northern Cape)
POSITIONS HELD: **Project Administrator & Environmental Assistant**
ACTIVITIES PERFORMED:

- Conduct initial site visit in order to analyse the affected area;
- Invoicing & Progress Reports;
- Client Liaison;
- Authority Liaison;
- Manage Specialists;
- Compile the Draft & Final Basic Assessment Report;
- Compile Environmental Management Programme;
- Compile the Water Use License Application;
- Facilitate the Public Meeting;
- Conduct Winded searches;
- Public Participation Process.

NAME OF ASSIGNMENT/PROJECT: **WORCESTER ROAD REHAB BA**
YEAR: From: 2013 To: 2013
LOCATION: Western Cape, South Africa
CLIENT: Aurecon (Pty) Ltd
MAIN PROJECT FEATURES: Undertake the environmental licensing processes including Basic Assessment on behalf of the Department of Transport and Public Works for the proposed rehabilitation of the intersection between Main Road 298 and Wyzersdrift, Worcester – Western Cape Province
POSITIONS HELD: **Project Administrator & Environmental Assistant**
ACTIVITIES PERFORMED:

- Invoicing & Progress Reports;
- Authority Liaison;
- Manage Specialists;
- Compile the Final Basic Assessment Report;
- Compile Environmental Management Programme;
- Conduct Winded searches;
- Public Participation Process.

NAME OF ASSIGNMENT/PROJECT: **UNIVERSITY OF PRETORIA ROAD CONSTRUCTION BA & WULA**
YEAR: From: 2013 To: 2014

WORK UNDERTAKEN THAT BEST ILLUSTRATES CAPABILITY TO HANDLE THE TASKS ASSIGNED:

LOCATION: Gauteng, South Africa
CLIENT: University of Pretoria
MAIN PROJECT FEATURES: Undertake the environmental licensing processes including Basic Assessment & Water Use License Application on behalf of the University of Pretoria for the proposed construction of a 1km road connecting Ox street and the internal services roads on the campus sports grounds.

POSITIONS HELD: **Project Administrator & Environmental Assistant**
ACTIVITIES PERFORMED:

- Invoicing & Progress Reports;
- Authority Liaison;
- Manage Specialists;
- Compile the Draft & Final Basic Assessment Report;
- Compile Environmental Management Programme;
- Compile the Water Use License Application;
- Conduct Winded searches;
- Facilitate Public Meeting;
- Public Participation Process.

NAME OF ASSIGNMENT/PROJECT: **DEA 10 WASTE MANAGEMENT LICENSE APPLICATIONS**
YEAR: From: 2014 To: 2014
LOCATION: KwaZulu-Natal, South Africa
CLIENT: Local Municipalities in the Southern & Northern regions of KwaZulu-Natal.
MAIN PROJECT FEATURES: Undertake ten (10) Waste Management License Applications for the proposed licensing of unlicensed municipal waste disposal facilities within the KwaZulu-Natal Province

POSITIONS HELD: **Environmental Assistant**
ACTIVITIES PERFORMED:

- Conduct initial site visit in order to analyse the affected area;
- Manage Specialists;
- Compile Waste Management License Applications;
- Compile Basic Assessment Reports supplementary to WML;
- Authority Consultation;
- Conduct Winded searches;
- Public Participation Process.

NAME OF ASSIGNMENT/PROJECT: **GDOT ROUTE DETERMINATION EIA**
YEAR: From: 2014 To: 2014
LOCATION: Gauteng, South Africa
CLIENT: RHDHV
MAIN PROJECT FEATURES: Undertake two (2) environmental licensing processes including Environmental Impact Assessment on behalf of RHDHV for the proposed route determination projects in Shoshanguve & Lenasia

POSITIONS HELD: **Environmental Assistant**
ACTIVITIES PERFORMED:

- Conduct initial site visit in order to analyse the affected area;
- Invoicing & Progress Reports;
- Manage Specialists;
- Compile Scoping & Environmental Impact Reports;
- Compile Environmental Management Programme;
- Authority Consultation;
- Conduct Winded searches;
- Public Participation Process.

Certification

I, the undersigned, certify that to the best of my knowledge and belief, this CV correctly describes myself, my qualifications and my experience. I understand that any wilful misstatement described herein may lead to my disqualification or dismissal, if engaged.

[Signature of staff member or authorized representative of the staff]

Date: _____
Day/Month/Year

Full Name of Authorized Representative: Alecia Barnard



POSITION : **Environmental Assistant**
NAME OF FIRM : GIBB (Pty) Ltd
NAME OF STAFF : Richard Grant MYBURGH
DATE OF BIRTH : 01 02 1990
NATIONALITY : South African
YEARS WITH FIRM : 1

SUMMARY OF QUALIFICATIONS:

Key experience includes:

- Environmental Auditing
- Public Participation

EDUCATION:

<i>Institution:</i>	<i>Qualification:</i>	<i>Year Obtained:</i>
University of South Africa	BA in environmental Management	Currently busy

MEMBERSHIPS OF PROFESSIONAL ASSOCIATIONS:

- IAIA

OTHER TRAINING:

- None

COUNTRIES OF WORK EXPERIENCE:

South Africa

LANGUAGES:

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

EMPLOYMENT RECORD:

<i>From:</i>	09 2014	<i>To:</i>	current
<i>Employer:</i>			GIBB (Pty) Ltd
<i>Position held:</i>			Environmental Assistant, Environmental Services
<i>From:</i>	02 2014	<i>To:</i>	08 2014
<i>Employer:</i>			GIBB (Pty) Ltd
<i>Position held:</i>			Intern, Environmental Services

DETAILED TASKS ASSIGNED (*tasks to be performed under this assignment*):

– None

WORK UNDERTAKEN THAT BEST ILLUSTRATES CAPABILITY TO HANDLE THE TASKS ASSIGNED:

NAME OF ASSIGNMENT/PROJECT: **Nuclear-1**
YEAR: From: 2014 To: Current
LOCATION: South Africa
CLIENT: Eskom
MAIN PROJECT FEATURES: The environmental impact assessment for the proposed construction of the Nuclear-1 power plant
POSITIONS HELD: **Environmental assistant**
ACTIVITIES PERFORMED: Liason with I&APs
Database updating

NAME OF ASSIGNMENT/PROJECT: **Danville Housing Project**
YEAR: From: 2014 To: 2015
LOCATION: Danville, Gauteng, South Africa
CLIENT: Department of Housing
MAIN PROJECT FEATURES: Environmental auditing on the construction of housing units in the Danville area.
POSITIONS HELD: **Environmental Assistant**
ACTIVITIES PERFORMED: Assisted in the Environmental Audit
Compiled the Environmental Audit Report

NAME OF ASSIGNMENT/PROJECT: **RRT Bus Depot and road upgrades**
YEAR: From: 2014 To: Current
LOCATION: Rustenburg, South Africa
CLIENT: Rustenburg Municipality
MAIN PROJECT FEATURES: Environmental authorisation, impact assessment and auditing of the proposed construction of the RRT Bus Depots and road upgrades.
POSITIONS HELD: **Environmental Assistant**
ACTIVITIES PERFORMED: Assisted with the public participation process
Assisted with Environmental audit on the road upgrades
Compiled the Environmental Audit reports

NAME OF ASSIGNMENT/PROJECT: **Eskom Cullinan 132kv powerlines**
YEAR: From: 2014 To: Current
LOCATION: Cullinan, South Africa
CLIENT: Eskom
MAIN PROJECT FEATURES: Environmental authorisation and impact assessment of the proposed construction of the Various Powerlines.
POSITIONS HELD: **Environmental Assistant**
ACTIVITIES PERFORMED: Assisted with the public participation process
Assisted with Report compilation

Certification

I, the undersigned, certify that to the best of my knowledge and belief, this CV correctly describes myself, my qualifications and my experience. I understand that any wilful misstatement described herein may lead to my disqualification or dismissal, if engaged.



[Signature of staff member or authorized representative of the staff]

Date: 07/ 10/2014
Day/Month/Year

Full Name of Authorized Representative: Elisabeth Nortje



POSITION : **General Manager (Environmental)**
NAME OF FIRM : GIBB (Pty) Ltd
NAME OF STAFF : Dr. Urishanie GOVENDER
DATE OF BIRTH : 17.01.1970
NATIONALITY : South African
YEARS WITH FIRM : 2

SUMMARY OF QUALIFICATIONS:

An environmental management and sustainability leader with 23 years of experience, Dr Urishanie Govender specialises in sustainability strategy formulation, environmental impact assessments, environmental management systems development and compliance evaluations.

Key experience includes:

- Corporate environmental management – more than five years experience with a large cement; aggregate and lime organisation with operations in South Africa and Africa. Headed the sustainability and environmental department responsible for environmental legal compliance and sustainability reporting
- Government – senior manager at Gauteng Environmental Management Department for more than five years heading the industrial impact management division. Strategic outputs included the development of the waste management policy and guidelines for responsible mining

EDUCATION:

<i>Institution:</i>	<i>Qualification:</i>	<i>Year Obtained:</i>
University of South Africa	Doctorate in Business Leadership	2010
University of South Africa	Masters in Business Leadership (Cum Laude)	2006
Durban University of Technology	Master Degree in Technology (Chemistry)	2001

MEMBERSHIPS OF PROFESSIONAL ASSOCIATIONS:

- Executive Member of the Coal Ash Association, 2010
- Executive Member of the North West Air Pollution, 2008
- Registered Practicing Environmental Scientist Professional : South African Council for Natural Scientific Professionals (SACNASP), 2013
PrSciNat Registration No : 400180/13
- Global Reporting Initiative (GRI) certified G4 Sustainability Practitioner; 2013

OTHER TRAINING:

- None

COUNTRIES OF WORK EXPERIENCE:

South Africa	Botswana	Zambia
Zimbabwe	Nigeria	

LANGUAGES:

	Speaking:	Reading:	Writing:
English	Excellent	Excellent	Excellent
Afrikaans	Fair	Good	Fair
Tamil	Excellent	Excellent	Excellent

EMPLOYMENT RECORD:

From:	February 2012	To:	Date
Employer:			GIBB (Pty) Ltd
Position held:			General Manager, Environmental
From:	October 2006	To:	February 2012
Employer:			Pretoria Portland Cement Company
Position held:			Group Manager: Sustainability and Environment (Senior Manager)
From:	October 2002	To:	September 2006
Employer:			Gauteng Provincial Government (GDACE)
Position held:			Director: Industrial Impact Management (Senior Manager)
From:	September 2000	To:	September 2002
Employer:			SA Mint
Position held:			Environmental and Quality Manager
From:	March 2000	To:	September 2000
Employer:			Norvatis (Rolab)
Position held:			Research Chemist (Contract)
From:	October 1999	To:	March 2000
Employer:			MSD (Pty) Ltd
Position held:			Senior Analyst (Contract)
From:	January 1993	To:	September 1999
Employer:			Durban Institute of Technology
Position held:			Lecturer
From:	June 1989	To:	December 1992
Employer:			Adcock Ingram Laboratories
Position held:			Senior Laboratory Chemist

DETAILED TASKS ASSIGNED (*tasks to be performed under this assignment*):

- Drive sustainable development throughout the organisation by establishing and maintaining a high level PPC Sustainability Committee
- Develop the environment and sustainability strategy and track implementation
- Chair the Industry Association for Cementitious Material Producers Sustainability Forum
- Develop and implement strategy for environmental legal compliance throughout the organisation
- Provide assurance of compliance to legal and other company standards to the Board through extensive auditing and report submissions to authorities.
- Implement and maintain sustainability programs
- Ensure sustainability of company by promoting environmental best practices and developing required capacity at all PPC operations
- Manage and lead all Operational PPC Environment and Sustainability Managers; Safety, Health and Risk Control Officers and Environmental Engineers

- Effective management of the environment and sustainability budget
- Project manage all EIA, alternative energy and environment solution projects
- Develop the alternative energy strategy and submit to the Carbon Disclosure Project (CDP)
- Develop the SHERQ Integrated System and facilitate scheduling and central monitoring

WORK UNDERTAKEN THAT BEST ILLUSTRATES CAPABILITY TO HANDLE THE TASKS ASSIGNED:

NAME OF ASSIGNMENT/PROJECT: **PPC DUE DILIGENCE ON ACQUISITIONS**
 YEAR: From: 2006 To: 2012
 LOCATION: South Africa; Botswana; Zimbabwe; Zambia; Nigeria
 CLIENT: PPC Cement (Pty) Ltd
 MAIN PROJECT FEATURES: Strategic assessment of potential acquisition to deliver value to the existing cement, lime and aggregate operations. Financial, social, environmental and governance audits on potential acquisitions based on international best practice and country minimum requirement
 POSITIONS HELD: **Acquisitions Committee Member**
 ACTIVITIES PERFORMED: Sustainability auditing; site investigation; compliance audits; due diligence interviews

NAME OF ASSIGNMENT/PROJECT: **PPC SUSTAINABILITY COMMITTEE CHAIR**
 YEAR: From: 2008 To: 2012
 LOCATION: South Africa; Botswana; Zimbabwe;
 CLIENT: PPC Cement (Pty) Ltd
 MAIN PROJECT FEATURES: Develop a Sustainability Vision and Strategy for the Organisation based on current and emerging material issues. Establish a stakeholder engagement plan to solicit and address community, authority, shareholder and employees expectations. Lead on environmental and sustainability behavioural change programmes. Coordinate the Group's sustainability audits. Key member of the Annual Report Committee
 POSITIONS HELD: **Chairperson of the Committee**
 ACTIVITIES PERFORMED:

- Sustainability auditing; site investigation; compliance audits; due diligence interviews;
- Quality Assurance.

NAME OF ASSIGNMENT/PROJECT: **PPC RIEBEECK EXPANSION PROJECT**
 YEAR: From: 2006 To: 2012
 LOCATION: Western Cape, South Africa
 CLIENT: PPC Cement (Pty) Ltd
 MAIN PROJECT FEATURES: Planning and securing the PPC Cement Plant's licences for the establishment of a new cement plant in the Riebeeck Valley Area. Manage all consultants appointed to undertake EIA, Social, Financial and Economic Studies. Extensive public participation beyond minimum requirements to secure support for the project from interested and affected parties
 POSITIONS HELD: **Lead Licencing Project Manager**
 ACTIVITIES PERFORMED:

- Strategic alignment of licencing requirements and Group's objectives for establishing a new cement plant. Road mapping the legislative and corporate processes to inform the project alternatives and secure stakeholder buy-in. Reporting high level risks to the Board;
- Project Management; Compliance Assessment; Stakeholder Assessment; Consultant Management; Board level reporting

WORK UNDERTAKEN THAT BEST ILLUSTRATES CAPABILITY TO HANDLE THE TASKS ASSIGNED:

NAME OF ASSIGNMENT/PROJECT: **ESKOM NUCLEAR – 1 EIA & EMP**
 YEAR: From: 2012 To: Ongoing
 LOCATION: Northern Cape; South Africa
 CLIENT: Eskom Holdings
 MAIN PROJECT FEATURES: Mega Environmental Licensing Project (project value >R25 million) for the establishment of a new nuclear facility in South Africa. Extensive public participation and co-consultant management
 POSITIONS HELD: **Strategic Project Team Member**
 ACTIVITIES PERFORMED:

- High level review of environmental impact assessment documentation and the I&APs issues and responses;
- Client executive on the project.

NAME OF ASSIGNMENT/PROJECT: **ESKOM SUSTAINABILITY, EMS AUDITS & GAP ANALYSIS**
 YEAR: From: 2012 To: Ongoing
 LOCATION: Gauteng, South Africa
 CLIENT: Eskom Holdings
 MAIN PROJECT FEATURES: Develop a sustainability materials issues report; Establish the economic value add of the Medupi Power Station to the Country; High level review of EMS 14001 audits and generate a gap analysis action plan
 POSITIONS HELD: **Project Director**
 ACTIVITIES PERFORMED: Project Management; Economic Assessment, Sustainability Assessment, Environmental Audits

NAME OF ASSIGNMENT/PROJECT: **SANI PASS UPGRADE – PHASE 2 EIA**
 YEAR: From: 2012 To: 2013
 LOCATION: Gauteng, South Africa
 CLIENT: SSI Engineers & Environmental Consultants
 MAIN PROJECT FEATURES: High level review of the Sani Pass EIA Report and compliance gap analysis report
 POSITIONS HELD: **Strategic project reviewer**
 ACTIVITIES PERFORMED: Peer review; compliance assessment; stakeholder analysis

NAME OF ASSIGNMENT/PROJECT: **PORT HARCOURT DEVELOPMENT**
 YEAR: From: 2012 To: 2013
 LOCATION: Port Harcourt, Nigeria
 CLIENT: GIBB Holdings International Limited
 MAIN PROJECT FEATURES: High level review of the sustainability and environmental issues and reports relating to the establishment of a new city in Port Harcourt
 POSITIONS HELD: **Project Director/General Manager**
 ACTIVITIES PERFORMED: Quality Assurance; Sustainability Assessments, Waste Audits; EIA Peer Review

NAME OF ASSIGNMENT/PROJECT: **PORT OF DURBAN ENVIRONMENTAL OFFICER**
 YEAR: From: 2012 To: Ongoing
 LOCATION: Durban, South Africa
 CLIENT: Transnet Limited
 MAIN PROJECT FEATURES: Auditing assignment on Transnet Project Sites
 POSITIONS HELD: **Project Director/General Manager**
 ACTIVITIES PERFORMED:

- Contract negotiator; project reviewer; client executive and quality assurance;

WORK UNDERTAKEN THAT BEST ILLUSTRATES CAPABILITY TO HANDLE THE TASKS ASSIGNED:

- Quality Assurance.

NAME OF ASSIGNMENT/PROJECT: **RUSTENBURG RAPID TRANSPORT EIA**
 YEAR: From: 2012 To: Ongoing
 LOCATION: Rustenburg; South Africa
 CLIENT: Rustenburg Local Municipality
 MAIN PROJECT FEATURES: EIA and other licencing for the authorisation of a transport route in Rustenburg
 POSITIONS HELD: **Project Director**
 ACTIVITIES PERFORMED: Project Management; High level risk management, client liaison, Quality Assurance; compliance management, site audits and stakeholder engagement

NAME OF ASSIGNMENT/PROJECT: **COEGA MILL EIA**
 YEAR: From: 2012 To: Ongoing
 LOCATION: Port Elizabeth; South Africa
 CLIENT: OSHO Investment Holdings
 MAIN PROJECT FEATURES: EIA and other licencing for the establishment of a cement milling operation in Coega
 POSITIONS HELD: **Project Director**
 ACTIVITIES PERFORMED: Project Management; high level risk management, client liaison, Quality Assurance; compliance management, site audits and stakeholder engagement

NAME OF ASSIGNMENT/PROJECT: **PPC JUPITER SLAG MILL BA**
 YEAR: From: 2012 To: Ongoing
 LOCATION: Gauteng; South Africa
 CLIENT: PPC Cement Company
 MAIN PROJECT FEATURES: EIA and other licencing for the expansion of the cement milling operation at the PPC Jupiter Cement and Despatch Plant
 POSITIONS HELD: **Project Management**
 ACTIVITIES PERFORMED: Project management; high level risk management, client liaison, quality assurance; compliance management, site audits and stakeholder engagement

NAME OF ASSIGNMENT/PROJECT: **BEATRIX MINE CO-GENERATION BA**
 YEAR: From: 2012 To: 2013
 LOCATION: South Africa
 CLIENT: Beatrix Mine – Goldfields, Exxaro On-Site (Pty) Ltd
 MAIN PROJECT FEATURES: Install four (4) internal combustion engines at the Beatrix Mine Main Shaft to generate electricity from methane that was otherwise discharged from the Beatrix Mine as a by product of its underground mining operations. Methane is significant safety hazard in the underground mining operations and the extraction and combustion of methane will help to improve safety conditions. Appointed to undertake the environmental licencing for the co-generation and related activities
 POSITIONS HELD: **Project Director**
 ACTIVITIES PERFORMED: Green mining; renewable energy; project management; high level risk management, client liaison, Quality Assurance; compliance management, site audits and stakeholder engagement

WORK UNDERTAKEN THAT BEST ILLUSTRATES CAPABILITY TO HANDLE THE TASKS ASSIGNED:

NAME OF ASSIGNMENT/PROJECT: **GOLDFIELDS BEATRIX EMPR UPDATE**
 YEAR: From: 2012 To: 2013
 LOCATION: South Africa
 CLIENT: Beatrix Mine – Goldfields
 MAIN PROJECT FEATURES: Install four (4) internal combustion engines at the Beatrix Mine Main Shaft to generate electricity from methane that was otherwise discharged from the Beatrix Mine as a by product of its underground mining operations. Methane is significant safety hazard in the underground mining operations and the extraction and combustion of methane will help to improve safety conditions. Appointed to undertake the EMPR Amendment and Public Participation Process (PPP) for the proposed construction of the Cogeneration Plant and the flares
 POSITIONS HELD: **Project Director**
 ACTIVITIES PERFORMED: Mining; project management; high level risk management, client liaison, Quality Assurance; compliance management, site audits and stakeholder engagement

NAME OF ASSIGNMENT/PROJECT: **TRANSNET ORELINE SALDHANHA P&R @RISK**
 YEAR: From: 2012 To: 2012
 LOCATION: Saldanha; South Africa
 CLIENT: Transnet SOC Limited
 MAIN PROJECT FEATURES: Mega EIA Projects for the Saldanha Port Terminals (>R25 million)
 POSITIONS HELD: **General Manager**
 ACTIVITIES PERFORMED: Contract management; high level risk assessment

PUBLICATIONS:

- Air Quality Management in South Africa : NACA, 2008
- Resource Allocation Model for the South African Public Sector : Orion Journal, 2009
- Knowledge Management in the public Sector Management : Journal. 2010

Certification

I, the undersigned, certify that to the best of my knowledge and belief, this CV correctly describes myself, my qualifications and my experience. I understand that any wilful misstatement described herein may lead to my disqualification or dismissal, if engaged.

 [Signature of staff member or authorized representative of the staff]

Date: _____
 Day/Month/Year

Full Name of Authorized Representative: _____

EMPLOYMENT RECORD:

From: March 2010 **To:** Date
Employer: GIBB (Pty) Ltd
Position held: Project Financial Administrator

From: August 2007 **To:** February 2010
Employer: SSI Engineers and Environmental Consultants
Position held: Project Financial Administrator

From: June 2002 **To:** July 2007
Employer: Topflight Consultants
Position held: Junior Accountant/ Manager

DETAILED TASKS ASSIGNED (tasks to be performed under this assignment):

– Unassigned

WORK UNDERTAKEN THAT BEST ILLUSTRATES CAPABILITY TO HANDLE THE TASKS ASSIGNED:

NAME OF ASSIGNMENT/PROJECT: **SWT – WASTE TO ENERGY**
YEAR: From: 2013 To: Ongoing
LOCATION: Gauteng, South Africa
CLIENT: SWT Technology
MAIN PROJECT FEATURES: Feasibility study and providing environmental guidelines on converting medical waste to energy
POSITIONS HELD: **Project Leader**
ACTIVITIES PERFORMED: Project management, client liaison

NAME OF ASSIGNMENT/PROJECT: **EMFULENI WASTE TO ENERGY**
YEAR: From: 2013 To: Ongoing
LOCATION: Gauteng, South Africa
CLIENT: Emfuleni Local Municipality
MAIN PROJECT FEATURES: Conducting a feasibility study on landfill waste to energy project.
POSITIONS HELD: **Project Leader**
ACTIVITIES PERFORMED: All project management, client liaison

NAME OF ASSIGNMENT/PROJECT: **BASIC ASSESSMENT EGOLI WATER SUPPLY**
YEAR: From: 2012 To: 2013
LOCATION: Port Elizabeth, Eastern Cape, South Africa
CLIENT: Nelson Mandela bay Municipality
MAIN PROJECT FEATURES: Basic Assessment for the supply of water for the Egoli region
POSITIONS HELD: **Project Administrator**
ACTIVITIES PERFORMED: Project Management and Providing Financial Assistance to Project leader.

NAME OF ASSIGNMENT/PROJECT: **COMPLIANCE AUDITS FOR SWTSA**
YEAR: From: 2010 To: 2012
LOCATION: City Deep, Johannesburg, South Africa
CLIENT: Solid Waste Technologies South Africa (SWTSA)

WORK UNDERTAKEN THAT BEST ILLUSTRATES CAPABILITY TO HANDLE THE TASKS ASSIGNED:

MAIN PROJECT FEATURES: A number of annual compliance audits in terms of the National Environmental Management Act (Act 107 of 1998), Environment Conservation Act (Act 73 of 1989), and Gauteng Health Care Waste Management Regulations (2004) (Transportation of HCRW) authorisations for a Health Care Risk Waste (HCRW) electro-thermal deactivation plant

POSITIONS HELD: **Project Administrator**

ACTIVITIES PERFORMED: Project Management and Providing Financial Assistance to Project leader.

NAME OF ASSIGNMENT/PROJECT: **ESKOM ISO 14001 PRE-CERTIFICATION AUDITS**

YEAR: From: 2010 To: 2010

LOCATION: Grootvlei and Arnot, Mpumalanga, South Africa

CLIENT: Eskom Generation

MAIN PROJECT FEATURES: 14001 Pre-certification audits for two coal power stations (Grootvlei and Arnot)

POSITIONS HELD: **Project Administrator**

ACTIVITIES PERFORMED: Project management and providing financial assistance to project leader

NAME OF ASSIGNMENT/PROJECT: **QUMBU TO UGIE 132 KV OVERHEAD POWERLINE**

YEAR: From: 2007 To: 2008

LOCATION: Qumbu, Eastern Cape, South Africa

CLIENT: Eskom Distribution, Southern Region

MAIN PROJECT FEATURES: Construction of a 60 km long, 123 kV overhead powerline

POSITIONS HELD: **Project Administrator**

ACTIVITIES PERFORMED: Project management and providing financial assistance to project leader

NAME OF ASSIGNMENT/PROJECT: **COCT STORMWATER MAINTENANCE ACTIVITIES (BASIC ASSESSMENT)**

YEAR: From: 2011 To: Ongoing

LOCATION: Cape Town, South Africa

CLIENT: City of Cape Town (Catchment, Stormwater & River Management Branch)

MAIN PROJECT FEATURES: An expanded Basic Assessment for the authorisation of all routine management activities undertaken by City of Cape Town on all stormwater facilities (including wetlands, canals, rivers, and ponds) within their jurisdiction. Included a total of 7 000 water bodies and 1 200 km of rivers. The Basic Assessment included a matrix approach to understanding all the activities (in excess of 10 activities) and their likely impacts. It also included specialist input from a botanist and aquatic ecologist and included the drafting of a detailed EMP and standard operating procedures

POSITIONS HELD: **Project Administrator**

ACTIVITIES PERFORMED: Project management and providing financial assistance to project leader.

NAME OF ASSIGNMENT/PROJECT: **LANGHOOGTE WIND FARM (SCOPING AND EIA)**

YEAR: From: 2011 To: 2013

LOCATION: Botrivier, Overberg, Western Cape, South Africa

CLIENT: SAGIT Energy Ventures

MAIN PROJECT FEATURES: A Scoping and EIA process for the development of a 45 turbine wind farm. Specialist assessments included ecology, wetlands, avifauna, noise, palaeontology, archaeology, visual, social, economics, and agricultural impacts

POSITIONS HELD: **Project Administrator**

ACTIVITIES PERFORMED: Project management and providing financial assistance to project leader

WORK UNDERTAKEN THAT BEST ILLUSTRATES CAPABILITY TO HANDLE THE TASKS ASSIGNED:

NAME OF ASSIGNMENT/PROJECT: **WOLSELEY WIND FARM (SCOPING AND EIA)**
YEAR: From: 2010 To: 2013
LOCATION: Wolseley, Western Cape, South Africa
CLIENT: SAGIT Energy Ventures
MAIN PROJECT FEATURES: A Scoping and EIA process for the development of a 30 turbine wind farm. Specialist assessments included ecology, wetlands, avifauna, noise, palaeontology, archaeology, visual, social, economics, and agricultural impacts
POSITIONS HELD: **Project Administrator**
ACTIVITIES PERFORMED: Project management and providing financial assistance to project leader

NAME OF ASSIGNMENT/PROJECT: **ALICEDALE STORMWATER UPGRADE (BASIC ASSESSMENT)**
YEAR: From: 2011 To: 2013
LOCATION: Alicedale, Eastern Cape, South Africa
CLIENT: Masuku, Dube, Tifflin (MDT) on behalf of Makana Local Municipality
MAIN PROJECT FEATURES: Basic Assessment for the upgrade and construction of stormwater facilities (within 32 m of a watercourse) associated with road upgrades in township extension in Alicedale
POSITIONS HELD: **Project Administrator**
ACTIVITIES PERFORMED: Project Management and Providing Financial Assistance to Project leader.

NAME OF ASSIGNMENT/PROJECT: **MOUNT ROAD SOCIAL HOUSING EIA (BASIC ASSESSMENT)**
YEAR: From: 2010 To: 2012
LOCATION: Port Elizabeth, South Africa
CLIENT: Nelson Mandela Bay Municipality
MAIN PROJECT FEATURES: Assessment for the rezoning of two erven of Public Open Space for the development of 502 Social Housing Units in a residential neighbourhood. Specialist studies included a Social Impact Assessment, Heritage Impact Assessment, Traffic Impact Assessment, and Geological review. A controversial project with a significant PPP
POSITIONS HELD: **Project Administrator**
ACTIVITIES PERFORMED: Project management and providing financial assistance to project leader

NAME OF ASSIGNMENT/PROJECT: **PATENSIE TO KAREEDOUW 132kv POWERLINES (BASIC ASSESSMENT)**
YEAR: From: 2010 To: Ongoing
LOCATION: Humansdorp, Eastern Cape, South Africa
CLIENT: Eskom Distribution, Southern Region
MAIN PROJECT FEATURES: Three applications for the construction of 99 km of 132 kV overhead powerline, two new sub-stations (Patensie and Dieprivier) and an extension to the Melkhout Sub-station. Specialist investigations included Avifauna Assessment, Heritage Impact Assessment and Vegetation Assessment
POSITIONS HELD: **Project Administrator**
ACTIVITIES PERFORMED: Project management and providing financial assistance to project leader

NAME OF ASSIGNMENT/PROJECT: **INTEGRATED WASTE MANAGEMENT PLAN (IWMP) FOR THE MHLONTLO MUNICIPALITY**
YEAR: From: 2013 To: Ongoing
LOCATION: Qumbu, Eastern Cape, South Africa

WORK UNDERTAKEN THAT BEST ILLUSTRATES CAPABILITY TO HANDLE THE TASKS ASSIGNED:

CLIENT: Mhlontlo Municipality
 MAIN PROJECT FEATURES: An IWMP for the Mhlontlo Municipality, which includes the towns of Qumbu and Tsolo in the Eastern Cape, South Africa. Included review of waste infrastructure, institutional assessment, developing objectives and an implementation plan
 POSITIONS HELD: [Project Administrator](#)
 ACTIVITIES PERFORMED: Project management and providing financial assistance to project leader

NAME OF ASSIGNMENT/PROJECT: [INTEGRATED WASTE MANAGEMENT PLAN \(IWMP\) FOR THE NELSON MANDELA BAY MUNICIPALITY](#)
 YEAR: From: 2011 To: 2012
 LOCATION: Port Elizabeth, Eastern Cape, South Africa
 CLIENT: Nelson Mandela Bay Municipality
 MAIN PROJECT FEATURES: An IWMP for the NMBM, the local authority (Metro) in the Port Elizabeth area. Included waste characterisations, review of waste infrastructure, institutional assessment, a public perception survey developing objectives and an implementation plan
 POSITIONS HELD: [Project Administrator](#)
 ACTIVITIES PERFORMED: Project management and providing financial assistance to project leader.

NAME OF ASSIGNMENT/PROJECT: [LICENSING OF THE NELSPOORT AND MERWEVILLE LANDFILL SITES](#)
 YEAR: From: 2011 To: 2013
 LOCATION: Nelspoort/Merweville, Beaufort West Municipality, Western Cape, South Africa
 CLIENT: Beaufort West Municipality
 MAIN PROJECT FEATURES: Retrospective Waste License application for the existing Merweville Landfill Site and a Section 24G application for the Nelspoort Landfill. Specialist studies included geohydrological desktop investigations, topographical surveys and engineering designs.
 POSITIONS HELD: [Project Administrator](#)
 ACTIVITIES PERFORMED: Project management and providing financial assistance to project leader

NAME OF ASSIGNMENT/PROJECT: [MBHASHE AND MNQUMA MUNICIPALITIES TRANSFER STATION FEASIBILITY STUDY AND LICENSING](#)
 YEAR: From: 2008 To: 2012
 LOCATION: Nqamakwe, Centane, Dutywa, and Willowvale, Eastern Cape, South Africa
 CLIENT: Amathole District Municipality
 MAIN PROJECT FEATURES: Site selection process and feasibility Study for four waste transfer stations the Eastern Cape, South Africa. Tasks include geohydrological desktop investigations, conceptual design, licence application in terms of National Environmental Management Waste Act (59 of 2008) and Basic (Environmental) Assessment in terms of National Environmental Management Act (56 of 2002)
 POSITIONS HELD: [Project Administrator](#)
 ACTIVITIES PERFORMED: Project Management and Providing Financial Assistance to Project Leader

NAME OF ASSIGNMENT/PROJECT: [INTEGRATED WASTE MANAGEMENT PLAN \(IWMP\) FOR THE EASTERN CAPE PROVINCE](#)
 YEAR: From: 2008 To: 2010

WORK UNDERTAKEN THAT BEST ILLUSTRATES CAPABILITY TO HANDLE THE TASKS ASSIGNED:

LOCATION:	Bhisho, Eastern Cape, South Africa
CLIENT:	Department of Economic Development, Environmental Affairs and Tourism
MAIN PROJECT FEATURES:	Development of a Provincial IWMP for the Eastern Cape Province. The plan addressed general and hazardous waste management, and included a literature survey, questionnaire survey of local authorities and private industries, and workshops with the project steering committee
POSITIONS HELD:	Project Administrator
ACTIVITIES PERFORMED:	Project management and providing financial assistance to project leader

PUBLICATIONS:

- None
-

Certification

I, the undersigned, certify that to the best of my knowledge and belief, this CV correctly describes myself, my qualifications and my experience. I understand that any wilful misstatement described herein may lead to my disqualification or dismissal, if engaged.

[Signature of staff member or authorized representative of the staff]

Date: 23/07/2013
Day/Month/Year

Full Name of Authorized Representative: _____



POSITION : **Junior Environmental Scientist**
NAME OF FIRM : GIBB (Pty) Ltd
NAME OF STAFF : Chevonne Jacelyn STEVENS
DATE OF BIRTH : 23.04.1989
NATIONALITY : South African
YEARS WITH FIRM : Yy

SUMMARY OF QUALIFICATIONS:

A Junior Environmental Scientist with four years of experience, Chevonne Stevens specialises in various environmental consultants. She had completed the Environmental Law Workshop which includes: The National Environmental Management Act, The National Water Act, The National Environmental Waste Management Act, The National Environmental Management Air Quality Act, Minerals and Petroleum Resources and Development Act, The National Environmental Management Biodiversity Act; and The National Heritage Act.

Her key experience includes:

- Environmental Consultant
- Report Compiling
- Environmental Auditing
- Client Liaison

EDUCATION:

<i>Institution:</i>	<i>Qualification:</i>	<i>Year Obtained:</i>
University of South Africa	Bachelor of Science in Environmental Management (Honours)	Current
University of Johannesburg	Bachelor of Science in Environmental Management & Geography	2010

MEMBERSHIPS OF PROFESSIONAL ASSOCIATIONS:

- None

OTHER TRAINING:

- Environmental Law Workshop : Cameron Cross Attorneys, (2012)
- Water Use License Workshop : WSP Environmental (2013)
- Environmental Impact Assessment Training : WSP Environmental (2012)

COUNTRIES OF WORK EXPERIENCE:

South Africa

LANGUAGES:

	Speaking:	Reading:	Writing:
English	Excellent	Good	Good
Afrikaans	Good	Good	Good

EMPLOYMENT RECORD:

From:	8 September 2014	To:	Date
Employer:			GIBB (Pty) Ltd
Position held:			Junior Environmental Scientist
From:	February 2014	To:	March 2014
Employer:			Aecom
Position held:			Environmental Consultant
From:	November 2013	To:	January 2014
Employer:			Marsh Environmental Services
Position held:			Environmental Consultant
From:	July 2011	To:	June 2013
Employer:			WSP Environmental
Position held:			Junior Environmental Consultant
From:	April 2011	To:	June 2011
Employer:			Attorneys Adam Creswick & Michael Popper & Associates
Position held:			Receptionist
From:	2011	To:	March 2011
Employer:			Retail Solutions
Position held:			Promoter

DETAILED TASKS ASSIGNED (*tasks to be performed under this assignment*):

- Insert tasks assigned
- Insert tasks assigned
- Insert tasks assigned

WORK UNDERTAKEN THAT BEST ILLUSTRATES CAPABILITY TO HANDLE THE TASKS ASSIGNED:

NAME OF ASSIGNMENT/PROJECT:	PROPOSED COMMERCIAL CONCENTRATED SOLAR POWER (CSP), FACILITY AND THE PHOTOVOLTAIC (PV) AND CONCENTRATED PHOTOVOLTAIC (CPV) FACILITY PROJECT.
YEAR:	From: 2012 To: 2013
LOCATION:	Upington, Northern Cape Province, South Africa.
CLIENT:	Sasol New Energy Holdings (Pty) Ltd
MAIN PROJECT FEATURES:	The proposed project will involve the development of a CSP Tower facility and PV/CPV facility with an electricity generation capacity of 125 MW and 75 MW respectively
POSITIONS HELD:	Environmental Consultant
ACTIVITIES PERFORMED:	Responsible for project assistance throughout all phases of the scoping and EIA process

WORK UNDERTAKEN THAT BEST ILLUSTRATES CAPABILITY TO HANDLE THE TASKS ASSIGNED:

NAME OF ASSIGNMENT/PROJECT: **PROPOSED DECOMMISSIONING OF THE FRANK CONCENTRATOR AND ASSOCIATED INFRASTRUCTURE AND REMEDIATION OF CONTAMINATED LAND**

YEAR: FROM: 2012 To: 2013

LOCATION: Rustenburg, North West Province, South Africa.

CLIENT: Anglo American Platinum Limited

MAIN PROJECT FEATURES: Proposed decommissioning and dismantling of the infrastructure associated with the Frank Concentrator. The concentrator is redundant and not in operation, and unnecessary costs are being spent on care and maintenance of the concentrator. Therefore the project required environmental authorisation for the decommissioning of the concentrator, and infrastructure and structures associated with the concentrator

POSITIONS HELD: **Environmental Consultant**

ACTIVITIES PERFORMED: Responsible for project assistance throughout the basic assessment (BA) process

NAME OF ASSIGNMENT/PROJECT: **DEVELOPMENT OF EMP AND COMPLIANCE AUDIT**

YEAR: From: 2012 To: 2012

LOCATION: Rustenburg, North West Province, South Africa

CLIENT: Rainbow Farms (Pty) Ltd

MAIN PROJECT FEATURES: An expansion of a new Plant Based Cold Store (PBCS) facility at their existing facility

POSITIONS HELD: **Environmental Consultant**

ACTIVITIES PERFORMED: Responsible for project assistance, including monthly site audits and audit report compilation

NAME OF ASSIGNMENT/PROJECT: **WATER USE LICENSE AUDIT**

YEAR: From: 2012 To: 2012

LOCATION: Rustenburg, North West Province, South Africa

CLIENT: Bafokeng Royal Platinum Mines (BRPM)

MAIN PROJECT FEATURES: Water Use License Audit

POSITIONS HELD: **Junior Environmental Consultant**

ACTIVITIES PERFORMED: Assisted with auditing BRPM's water use license according to commitments stipulated by the Department of Water Affairs for the 2012 audit, as well as report written up

NAME OF ASSIGNMENT/PROJECT: **ENVIRONMENTAL PERFORMANCE ASSESSMENT AUDIT AND REPORT**

YEAR: From: 2012 To: 2012

LOCATION: Mpumalanga Province, South Africa

CLIENT: Anglo Thermal Coal - Klienkopje Colliery

MAIN PROJECT FEATURES: Environmental Performance Assessment

POSITIONS HELD: **Junior Environmental Consultant**

ACTIVITIES PERFORMED: Attended the 2012 site investigation and assisted with report written up

PUBLICATIONS:

- None

Certification

I, the undersigned, certify that to the best of my knowledge and belief, this CV correctly describes myself, my qualifications and my experience. I understand that any wilful misstatement described herein may lead to my disqualification or dismissal, if engaged.

[Signature of staff member or authorized representative of the staff]

Date: _____
Day/Month/Year

Full Name of Authorized Representative: _____

LANGUAGES:

	Speaking:	Reading:	Writing:
Afrikaans	Excellent	Excellent	Excellent
English	Excellent	Excellent	Excellent

EMPLOYMENT RECORD:

From:	March 2013	To:	Date
Employer:			GIBB (Pty) Ltd
Position held:			GIS Manager, Environmental
From:	March 2007	To:	February 2013
Employer:			MetroGIS (Pty)Ltd
Position held:			GIS Analyst and Project Manager, Environment

DETAILED TASKS ASSIGNED (*tasks to be performed under this assignment*):

- **GIS Mapping**
- **GIS Support**
- **Spatial Analysis**
- **Projecting and Assigning Projections to spatial data to create one standard environment.**

WORK UNDERTAKEN THAT BEST ILLUSTRATES CAPABILITY TO HANDLE THE TASKS ASSIGNED:

NAME OF ASSIGNMENT/PROJECT:	WATERBERG ENVIRONMENTAL MANAGEMENT FRAMEWORK
YEAR:	From: 2009 To: 2010
LOCATION:	Limpopo, South Africa
CLIENT:	Limpopo Province (subcontracted by Environomics)
MAIN PROJECT FEATURES:	Environmental Management System for the Waterberg municipality
POSITIONS HELD:	GIS Analyst
ACTIVITIES PERFORMED:	<ul style="list-style-type: none">- Generating sensitive areas, working with specialists and clients to finalize management areas;- Generating viewer of deliverable and providing training to client.

NAME OF ASSIGNMENT/PROJECT:	EKURHULENI BIODIVERSITY OPEN SPACE STRATEGY (EBOSS)
YEAR:	From: 2007 To: 2010
LOCATION:	Ekurhuleni, Gauteng, South Africa
CLIENT:	Ekurhuleni Municipality (subcontracted by Environomics)
MAIN PROJECT FEATURES:	EBOSS to help in development decision making within the municipality
POSITIONS HELD:	GIS Technician
ACTIVITIES PERFORMED:	Sourcing data, creating new data and projecting, analysing relevant data to generate final product

NAME OF ASSIGNMENT/PROJECT:	BAPSFONTEIN LOCAL SPATIAL DEVELOPMENT FRAMEWORK
YEAR:	From: 2010 To: 2010
LOCATION:	Bapsfontein, Gauteng, South Africa
CLIENT:	Ekurhuleni (subcontracted by VBH Town planners)
MAIN PROJECT FEATURES:	LSDF for the Bapsfontein area
POSITIONS HELD:	GIS Analysing and Mapping
ACTIVITIES PERFORMED:	Linking cadastral data to spatial data and generating maps

WORK UNDERTAKEN THAT BEST ILLUSTRATES CAPABILITY TO HANDLE THE TASKS ASSIGNED:

NAME OF ASSIGNMENT/PROJECT: **TWEEFONTEIN MINING OPTIMISATION PROJECT**
YEAR: From: 2010 To: 2013
LOCATION: Witbank, Mpumalanga, South Africa
CLIENT: Cleanstream Environmental
MAIN PROJECT FEATURES: Visual Impact assessment for proposed mine plan layout
POSITIONS HELD: **GIS Analyst**
ACTIVITIES PERFORMED: Conducting the Visual Impact Assessment for the Environmental Impact Assessment (EIA)

NAME OF ASSIGNMENT/PROJECT: **TSHWANE DISASTER MANAGEMENT SYSTEM**
YEAR: From: 2007 To: 2008
LOCATION: Pretoria, South Africa
CLIENT: Tshwane Disaster Management
MAIN PROJECT FEATURES: Analysing spatial data and locating sensitive areas in Tshwane. Combining spatial data to generate possible disaster areas including sinkholes, flooding at residential sites, sewage and water leakage etc
POSITIONS HELD: **GIS Analyst**
ACTIVITIES PERFORMED: Analysing, conversion, projecting, merging and mapping of spatial data

Certification

I, the undersigned, certify that to the best of my knowledge and belief, this CV correctly describes myself, my qualifications and my experience. I understand that any wilful misstatement described herein may lead to my disqualification or dismissal, if engaged.

[Signature of staff member or authorized representative of the staff]

Date: _____
Day/Month/Year

Full Name of Authorized Representative: _____



POSITION : **Environmental Project Assistant**
NAME OF FIRM : GIBB (Pty) Ltd
NAME OF STAFF : Jethro Jason JACOBS
DATE OF BIRTH : 16.05.1988
NATIONALITY : South African
YEARS WITH FIRM : 1

SUMMARY OF QUALIFICATIONS:

A recent graduated environmentalist project assistant with one year of experience, Jethro Jacobs specialises in environmental management and project administration.

Key experience includes:

- Responsible for monthly invoicing to our client which amounts to approximately R500 000 pm
- Tracking Budgets and Expenditure of the Team and Co-Consultants
- Responsible for Expense and Mileage Claims
- Updating of Interested & Affected Parties (I&AP) data base
- Adherence of NEMA - PPP by drafting, placement/distribution of adverts, site notices, notification
- Assist with the adherence of the NEMA by notifying I&AP of any developments pertaining to the EIA process
- Responsible for the recruitment and collecting of essential documentation of Co-Consultants so that the EIA process can be carried out
- Contract management, including drafting of agreements (and associated documents e.g. tax BBBEE and banking documents) for sub – and Co – Consultants, collecting, filling
- Assist with logistical support around securing venues, sending out invitations to provincial authorities and confirming attendance
- Printing of Environmental Reports and management thereof

EDUCATION:

<i>Institution:</i>	<i>Qualification:</i>	<i>Year Obtained:</i>
University of the Western Cape	Bachelor of Art (Environmental Studies)	2011
University of the Western Cape	Conditional Exemption	2008

MEMBERSHIPS OF PROFESSIONAL ASSOCIATIONS:

- None

OTHER TRAINING:

- Educate Peers about HIV/AIDS : HIV/AIDS Peer Education Programme
- Sustainable Development Work Shop : Icologie” Smart Office Solutions
- “Introduction to Geosynthetics” and “Lining System Incorporating GCL’s : Sustainable Development Work Shop

COUNTRIES OF WORK EXPERIENCE:

South Africa

LANGUAGES:

	Speaking:	Reading:	Writing:
English	Excellent	Excellent	Excellent
Afrikaans	Good	Good	Good

EMPLOYMENT RECORD:

From:	March 2013	To:	Date
Employer:			GIBB (Pty) Ltd
Position held:			Environmental Project Assistant
From:	December 2011	To:	August 2012
Employer:			Environmental Affairs and Development Planning
Position held:			Intern Waste Management
From:	May 2011	To:	June 2011
Employer:			Talent Net : Social Development (Contract Employment)
Position held:			Enumerator
From:	April 2006	To:	December 2007
Employer:			South African Post Office
Position held:			Teller

DETAILED TASKS ASSIGNED (*tasks to be performed under this assignment*):

- Unassigned

WORK UNDERTAKEN THAT BEST ILLUSTRATES CAPABILITY TO HANDLE THE TASKS ASSIGNED:

NAME OF ASSIGNMENT/PROJECT:	TRANSNET SALDANHA PORT ORELIN EXPANSION ENVIRONMENTAL IMPACT ASSESSMENT PROJECT		
YEAR:	From: 2013	To:	Ongoing
LOCATION:	Western Cape, South Africa		
CLIENT:	I&AP		
MAIN PROJECT FEATURES:	Assigned as a Mega-Project team member		
POSITIONS HELD:	Environmental Project Assistant		
ACTIVITIES PERFORMED:	<ul style="list-style-type: none"> - Assistance with the Tippler Package application form to the DEA; - Updating of Interested & Affected Parties (I&AP) data base; - Assist with the adherence of the NEMA by notifying I&AP of any developments pertaining to the EIA process; - Assisted with working on Background Information documents (BID's) so that I&AP can be made aware of developments and to encourage the Public Participation Process; - Adherence of NEMA - PPP by drafting, placement/distribution of adverts, site notices, notification, etc; - Responsible for monthly invoicing to our client which amounts to approximately R 500 000 pm; - Tracking Budgets and Expenditure of the Team and Co-Consultants; - Responsible for Expense and Mileage Claims; - Responsible for the recruitment and collecting of essential documentation of Co-Consultants so that the EIA process can be carried out ; - Contract management, including drafting of agreements (and associated documents e.g. tax BBBEE and banking documents) for sub – and Co – 		

WORK UNDERTAKEN THAT BEST ILLUSTRATES CAPABILITY TO HANDLE THE TASKS ASSIGNED:

- Consultants, collecting, filling, etc:
- Ensure that Co-Consultants gets paid on time;
 - Drafting of Proposals, creating Proposal Applications and working on PREP;
 - Assist with logistical support around securing venues, sending out invitations to provincial authorities and confirming attendance;
 - Responsible for Archiving old projects;
 - Site visit attendance and data capturing;
 - Printing of Environmental Reports and management thereof;
 - Assisted with obtaining water use licenses for the Thornhill Bulk Water Project in Mthatha.

NAME OF ASSIGNMENT/PROJECT: **2WISE2WASTE, HEALTH CARE, GREENEST MUNICIPALITY COMPETITION AND GREEN PROCUREMENT POLICY PROJECTS**

YEAR: From: 2011 To: 2012

LOCATION: South Africa

CLIENT: Environmental Affairs and Development Planning

MAIN PROJECT FEATURES:

POSITIONS HELD:

ACTIVITIES PERFORMED:

Project Team Member

- Assist with the execution of the 2Wise2Waste project by ensuring internal recycling efficiency on floor by taking on the role of floor champion. This includes quality assurance by conducting monthly waste audits as well as making sure that waste material is disposed correctly into containers;
- Ensure the execution of the 2Wise2Waste project by ensuring regular waste collection as well as facilitate waste collection;
- Compile waste recycling case study on "Swop Shops" for the Greenest Municipality Competition Report;
- Assist with capacity building and awareness by ensuring that everyone is well aware of the 2Wise2Waste project;
- Provide commenting on policy documents such as IWMP's, IDP's, EIA's, Health Care Regulations and Green Procurement Policy;
- Investigate and Report on waste related complaints with Sub-directorate: Waste Licensing. This involved investigating a complaint of illegal disposal of carcasses, hence the enforcement of Section G24 of NEMA to ensure compliance;
- Sourcing of information and compilation of database for abovementioned projects;
- Assist with logistical support around securing venues, sending out invitations to provincial authorities and confirming attendance;
- Liaise with local and provincial authorities regarding Health Care Regulations;
- Assist the 2Wise2Waste project team with training of cleaning staff and internal/external roll-outs of the 2Wise2Waste project;
- Assist with compiling Health Care PowerPoint Presentations;
- Assist with the planning of Health Care Workshops by phoning and sending out invitations to local government and non government organizations;
- Record minutes at meetings;
- Assist with tracking of changes to draft documents; and
- Handle enquiries about waste separation on various floors.

WORK UNDERTAKEN THAT BEST ILLUSTRATES CAPABILITY TO HANDLE THE TASKS ASSIGNED:

NAME OF ASSIGNMENT/PROJECT: **TALENT NET : SOCIAL DEVELOPMENT**
YEAR: From: 2011 To: 2011
LOCATION: South Africa
CLIENT: Talent Net
MAIN PROJECT FEATURES:
POSITIONS HELD: **Enumerator**
ACTIVITIES PERFORMED:

- Conducted a national survey on behalf of The Department of Social Development "Victim Empowerment Programme";
- Liaised with Governmental Departments regarding the most convenient time to conduct the national survey;
- Assessed the level of satisfaction/dissatisfaction by victims on service providers by cluster departments in the Criminal Justice System (CJS);
- Introduced TNC to the person/people and gaining participation and informed consent;
- Drafted daily reports on how Government can improve service delivery, based on the feedback received from participants.

NAME OF ASSIGNMENT/PROJECT: **SOUTH AFRICAN POST OFFICE**
YEAR: From: 2006 To: 2007
LOCATION: South Africa
CLIENT: Post Office
MAIN PROJECT FEATURES:
POSITIONS HELD: **Teller**
ACTIVITIES PERFORMED:

- Delivered customer service of a high standard by completely satisfying clients;
- Performed administration duties by answering phones, greeting clients and systematically filling documents;
- Ensured that mail is collected and delivered on time; and
- Served customers according to post office functions: Paying of Utility Bills.

Certification

I, the undersigned, certify that to the best of my knowledge and belief, this CV correctly describes myself, my qualifications and my experience. I understand that any wilful misstatement described herein may lead to my disqualification or dismissal, if engaged.



[Signature of staff member or authorized representative of the staff]

Date: 12/09/2013
Day/Month/Year

Full Name of Authorized Representative: _____