



GCS Group Environmental Manager

CORE SKILLS

- Project Management
- Technical & Impact Assessment Guidance
- Environmental Assessment
- Water Use Licencing
- Waste Management Licencing
- Environmental & Waste Auditing and Compliance Monitoring

DETAILS

Qualifications

- B.Sc. Microbiology (Honours) University of Pretoria 1996
- B.Sc. Biological Sciences University of Pretoria 1994

Memberships/ Professional Affiliations

- International Association for Impact Assessors of South Africa (IAIA)
- Institute of Waste Management of South Africa (IWMSA)
- SACNASP (No.117348) (South African Council for Natural Scientific Professionals)

Languages

- Afrikaans
- English

Countries worked in:

South Africa, Zambia, Namibia

PROFILE

Gerda has over 25 years' experience within the environmental and waste management field and strives to deliver custom environmental services to clients.

Gerda began her career in the environmental field within the government sector, managing environmental aspects and impacts as well as reviewing environmental assessments with the view of authorizing or declining authorization of the developments.

After six years within the government sector she joined a consulting engineering firm where she was ultimately responsible for the Management of the Environmental Sub-Division. Gerda has experience in project and client management, financial management and the compilation and costing of project proposals and tenders. She has been involved in several engineering projects as the Environmental Assessment Practitioner as well as the Environmental Control Officer during construction working closely with the Occupational Health and Safety Officer. Gerda has also been involved in projects where waste licensing as well as water use licensing processes formed an integral part of the services offered. Environmental auditing and compliance monitoring of waste disposal sites also forms part of her experience gained. She also has experience in dealing with projects which involve NEC3 Contracts, the Equator Principles and World Bank IFC Principles.

Gerda has specialist skills in the following areas:

- Project proposals, planning, costing and timing
- Project and Client Management
- Authority Liaison
- Basic Assessments & Scoping/EIA Processes
- Amendment of EA's & EMP's
- S24G Applications
- Facilitation of Public Participation Processes & Stakeholder Engagement
- IWULA & IWWMP Applications
- Environmental Control Officer (ECO) duties
- Environmental Compliance Auditing (IFC Performance Standards & Equator Principles)
- Mentorship & Guidance



Work Experience

Period	Employer	Position	Role/ Responsibility
2019 to Current	GCS Water and Environment (Pty) Ltd	Environmental Manager	Management of the environmental unit since 2019 up to January 2024 and then the GCS Group Environmental Division since February 2024. Management of applications for rectification in terms of Section 24G of the EIA Regulations, undertaking basic environmental assessment and full Scoping & EIR applications in terms of the Regulations. Management of Integrated Water Use License Applications in terms of the NWA. Undertaking of environmental compliance audits for various construction projects as well as environmental legal audit reviews and environmental due diligence investigations.
2018 to 2019	Terramanzi Group (Pty) Ltd	Senior Environmental Consultant	Management of the environmental unit within the Terramanzi Group. Management of applications for rectification in terms of Section 24G of the EIA Regulations, undertaking basic environmental assessment and full Scoping & EIR applications in terms of the Regulations. Undertaking of environmental compliance audits for various construction projects as well as environmental legal audit reviews and environmental due diligence investigations.
2014 to 2017	GIBB (Pty) Ltd	Senior Environmental Scientist	Management of applications for rectification in terms of Section 24G of the EIA Regulations, undertaking of basic environmental assessment and full Scoping & EIR Applications in terms of the Regulations. Management of Integrated Water Use License Applications in terms of the NWA. Undertaking of environmental compliance audits for various construction projects as well as environmental legal audit reviews and environmental due diligence investigations.
2011 to 2013	WorleyParsons RSA	Senior Environmental Scientist & Durban Department Head Environment	Management of the environmental unit in the Durban Office. Management of applications for rectification in terms of Section 24G of the EIA Regulations, undertaking of basic environmental assessment and full Scoping & EIR applications in terms of the Regulations. Management of Integrated Water Use License Applications in terms of the NWA. Undertaking of environmental compliance audits for various construction projects as well as environmental legal audit reviews and environmental due diligence investigations.
2003 to 2011	KV3 Engineers	Senior Environmental Scientist	Management of applications for exemption from compliance with the EIA Regulations, undertaking of basic environmental assessment applications, as well as full environmental impact assessment applications.
2000 to 2003	Gauteng Department of Agriculture, Conservation & Environment	Assistant Director: Waste Management Division	Project management and environmental management pertaining to all developments within a designated area in Gauteng Province. Review of EIAs, formulation of comments and or authorisations within designated area in Gauteng Province. Liaison with waste contractors, industries and others. Management of legal interventions required in terms of environmental legislation within a designated area. Supporting environmental officers at all levels in terms of technical and environmental guidance, input into strategic decisions, resolving complex and potentially challenging issues.
1999 to 2000	Gauteng Department of Agriculture, Conservation & Environment	Senior Environmental Officer: Waste Management Division	
1997 to 1999	Gauteng Department of Agriculture, Conservation & Environment	Environmental Officer: Waste Management Division	
1996	Spartan Private School	Teacher: Natural Science & Biology	Teacher in Biology and Natural Science for Grades 7 to 12.



Project Experience

Year	Client	Project Description	Role/ Responsibility
Strategic and Environmental Guidance Projects			
1999 to 2003	Gauteng Department of Agriculture, Conservation & Environment	Development of a Health Care Risk Waste Management Strategy for Gauteng.	Part of Development Team
2001 to 2003	Gauteng Department of Agriculture, Conservation & Environment	Development of Minimum Domestic Waste Collection Standards for Gauteng Province.	Part of Development Team
2002	Gauteng Department of Agriculture, Conservation & Environment	Development of new EIA guidelines and regulations for the Gauteng Province.	Part of Development Team
2005	Gauteng Department of Agriculture, Conservation & Environment	GDACE Green Procurement Project: Development of the GDACE Green Procurement Policy, Gauteng	Project Manager & Reviewer
2008	GAUTRAIN Project Engineers (i.e. KV3 Engineers)	Environmental Assistance for the Gautrain Project: Environmental Evaluation of various documentation and engineering designs in terms of their environmental compliance.	Project Manager & Reviewer
2009	Department of Environmental Affairs	Alignment of MIG Project Process with EIA Process: Evaluation of the EIA process as well as the MIG process in order to produce a process alignment guideline to the municipalities to streamline the two processes.	Part of Development Team
2021	CoalTech	Development of "A Manual for the Authorisation of Pitlakes as a Closure Option for South African Coal Mines"	Part of Development Team
Environmental Feasibility and Screening			
2008	Nu Way-property Developments	Management of Environmental Screening and Due Diligence Assessment for several proposed Nu Way-property Developments, Gauteng.	Project Manager
2008	Department of Water Affairs	Mokolo Croc WAP Environmental Feasibility and Screening, Limpopo.	Project Manager & Senior Environmental Assessment Practitioner (EAP)
2016	Kwadukuza Municipality	Environmental Feasibility for Civil Engineering Project Foxhill Road Alignment and Construction, Tongaat, Kwa-Zulu-Natal.	Environmental Project Leader
2016	King Sabata Dalindyebo Local Municipality (C/O OR Tambo District Municipality)	Environmental Screening Investigation of six proposed development corridors for the Mthatha Bulk Water Infrastructure Presidential Intervention - Phase 2: Secondary Bulk Infrastructure project.	Environmental Project Leader
2019 to 2020	Phumaf Holdings (Pty) Ltd	Environmental Screening for various sites within Ekurhuleni Municipality as part of the Gauteng Rapid Land Release Programme (GRLRP) project for the Provincial Department of Human Settlements	Project Manager & Senior EAP



Project Experience

Year	Client	Project Description	Role/ Responsibility
Environmental Opinions & Appeals			
2019 to 2020	Tendele Coal	Environmental Review Report for the Somkhele Anthracite Mine (MR 10041) High Court Case Number 82865.	Project Manager & Senior EAP
2022	CNG Holdings	Environmental Opinion regarding the Environmental Legislative Requirements for the proposed Compressed Natural Gas Motherstation in Avoca, KwaZulu-Natal.	Project Manager & Senior EAP
2021 to 2022	Tendele Coal	Environmental support to the Somkhele Anthracite Mine for the IWULA Appeals Process.	Project Manager & Senior EAP
Development Environmental Assessments			
2003 to 2005	ABSA DevCO	Environmental Impact Assessment for a change of land-use from agricultural to Residential and Town Development of the farm Brakfontein 399 JR, Centurion, Gauteng.	Project Manager & Senior EAP
2005 to 2010	Air Traffic Navigation Services (ATNS)	The project entails the upgrading of existing, and the provision of new air navigation sites (27 in total) throughout South Africa. Civil and electrical infrastructure to the sites needed to be upgraded to accommodate the equipment. Various Environmental Impact Assessments for various individual projects in various provinces within South Africa.	Project Manager & Senior EAP
2006 to 2009	Amathole District Municipality	Elliotdale Rural Sustainable Human Settlement Pilot Project Environmental Impact Assessment. Responsible for the environmental assessment process which was based on a strategic approach for the Elliotdale Rural Housing Project, Elliotdale, Eastern Cape.	Project Manager & Senior EAP
2007	Elkem Ferrovelde	Environmental Basic Assessment for the upgrading and expansion of the Ferrovelde Plant in Ferrometals, Emalaheni, Mpumalanga.	Project Manager & Senior EAP
2008	ABSA DevCO	Environmental Impact Assessment for a change in land use from agricultural to Residential and Town development of Montana X40, Pretoria, Gauteng.	Project Manager & Senior EAP
2012	Transnet Capital Projects	Environmental Basic Assessment and technical environmental investigations for the proposed expansion of the existing tug jetty and construction of a new tug jetty for Transnet Capital Projects in the Port of Durban, KwaZulu-Natal.	Project Manager & Senior EAP
2014 to 2016	Dube TradePort	Environmental Impact Assessment for the proposed construction of the Dube TradePort TradeZone 2 in La Mercy, KwaZulu-Natal.	Project Manager & Senior EAP
2014 to 2017	Dube TradePort	Environmental Impact Assessment for the proposed Support Precinct 2 Development in La Mercy, KwaZulu-Natal.	Project Manager & Senior EAP
2016 to 2017	Areena Resort	Application for rectification in terms of S24G and associated Environmental Basic Assessment for the alleged unlawful construction activities at the Areena Resort, Great Kei Municipality, Eastern Cape.	Project Manager & Senior EAP
2016 to 2017	Areena Resort	Application for rectification in terms of S24G and associated Environmental Basic Assessment for the alleged unlawful construction activities on Hillsdrift Farm, Great Kei Municipality, Eastern Cape.	Project Manager & Senior EAP
2018 to 2019	Watchman Properties (Pty) Ltd	Environmental Basic Assessment for the proposed Vendome Residential Development on Portion 1 of Farm 1766 and Portion 2 of Farm 1766, Paarl, Western Cape, South Africa.	Project Manager & Senior EAP



Project Experience

Year	Client	Project Description	Role/ Responsibility
2018 to 2019	Keysha Investments 213 (Pty) Ltd	Environmental Basic Assessment for the proposed River Farm Estate Development and associated infrastructure on remainder of farm Rivierplaas No. 1486, Erf 111 and Erf 197, Paarl, Western Cape, South Africa.	Project Manager & Senior EAP
2018 to 2019	Paarl Vallei Developments (Pty) Ltd	Environmental Basic Assessment for the proposed Paarl Vallei Retirement Village Development, Paarl, Western Cape, South Africa.	Project Manager & Senior EAP
2018 to 2019	Val de Vie Investments (Pty) Ltd	Parallel Substantive Amendment Application process for the authorised Pearl Valley II & Levendal Residential Developments, Paarl, Western Cape, South Africa.	Project Manager & Senior EAP
2019 to 2021	Phumaf Holdings (Pty) Ltd	Environmental Services for: <ul style="list-style-type: none"> • Full Environmental Impact Assessment for the proposed Uitas Park Ext 16 Mixed Use Development; • Basic Environmental Impact Assessment for the proposed Evaton West F Mixed Use Development; and • Basic Environmental Impact Assessment for the proposed Evaton West I Mixed Use Development. 	Project Manager & Senior EAP
Renewable Energy Environmental Assessments			
2011	Farmsecure Carbon	Environmental Basic Assessment and Water Use License Application process for a proposed Biogas Waste to Energy project for a pig farm, Mooiriver, KwaZulu-Natal.	Project Manager & Senior EAP
2018 to 2019	GPIPD - Doornfontein Solar Farm (Pty) Ltd	Environmental Impact Assessment for the proposed 230 MW Doornfontein Photovoltaic Solar Energy Facility (PVSEF) located on Remainder of Farm 118, Doornfontein, Piketberg, Bergrivier Local Municipality, Western Cape.	Project Manager & Senior EAP
2018 to 2019	GPIPD - Kruispad Solar Farm (Pty) Ltd	Environmental Impact Assessment for the proposed 150 MW Kruispad Photovoltaic Solar Energy Facility (PVSEF) located on Remainder of Farm 120, Kruispad, Piketberg, Bergrivier Local Municipality, Western Cape.	Project Manager & Senior EAP
2018 to 2019	Brandvalley Wind Farm (Pty) Ltd	Part 2 Amendment Application for the authorised 140 MW Brandvalley Wind Energy Facility (WEF) located within the Karoo Hoogland, Witzenberg and Laingsburg Local Municipalities in the Northern and Western Cape Provinces.	Project Manager & Senior EAP
2018 to 2019	Copperton Wind Farm (Pty) Ltd	Non-Substantive Amendment Application to update the information of the Holder of the Environmental Authorisation & an EMPr Amendment Process to update the Airstrip Alignment and to provide an updated “outcomes based” EMPr for the Copperton Wind Energy Facility near Copperton in the Northern Cape.	Project Manager & Senior EAP
2018 to 2019	WKN Windcurrent SA (Pty) Ltd	Environmental Impact Assessment for the proposed 150 MW Haga Haga Wind Energy Facility (WEF) & Environmental Basic Assessment for the associated Haga Haga Overhead Powerline (OHPL) in Haga Haga, Great Kei Local Municipality, Eastern Cape.	Project Manager & Senior EAP
2021 to 2022	Cennergi Holdings	Environmental Impact Assessment and Water Use License Application (GA) process for the proposed 100MW Lephalale Solar Plant located mainly on the Farm Appelvlakte 448 within the Lephalale Local Municipality, Limpopo.	Project Manager & Senior EAP



Project Experience

Year	Client	Project Description	Role/ Responsibility
Mining Environmental Assessments			
2007	Chris Hani Municipality	Environmental Assessment and DME Licence Application on behalf of Chris Hani Municipality. Responsible for exemption application from Mining Permit and Environmental Management Programmes for 17 borrow pits in Middelburg, Eastern Cape.	Project Manager & Senior EAP
2010	Samancor Chrome Limited	The Lwala Greenfields Mine and Smelter EIA and EMP. Responsible for the Environmental impact assessment and technical investigations for the waste management issues for the proposed development of a new chrome smelter project in the Steelpoort area, Limpopo.	Project Manager & Senior EAP
2011	Xtrata Alloys	Xtrata Alloys Western Mines PSV application for authorization in terms of the MPRDA. Responsible for the undertaking of the EIA and compilation of the amended EMPr and technical environmental investigations for the proposed development of an open cast mine in Rustenburg, North West.	Project Manager & Senior EAP
2019 to 2021	Harmony Gold	Environmental Assessment process to obtain environmental authorisation for the proposed expansion of the existing Kareerand Tailings Storage Facility, Dr Kenneth Kaunda District Municipality, North-West Province.	Project Manager & Senior EAP
2019 to 2021	Zululand Anthracite Colliery	Environmental Basic Assessment for the proposed New Mngeni Adit & Associated Infrastructure, Mandlakazi Traditional Authority, KwaZulu-Natal.	Project Manager & Senior EAP
2021 to 2022	Sibanye-Stillwater	Part 2 Amendment Application for the approved Burnstone Gold Mine EA/EMPr located near Balfour within the Dipalasang Local Municipality, Mpumalanga.	Project Manager & Senior EAP
2021 to 2022	Exxaro Resources	Section 34 EMPr Amendment Application for the approved Grootegeluk Mine EMPr located near Lephallale within the Lephallale Local Municipality, Limpopo.	Project Manager & Senior EAP
2021 to 2022	Booyesdal Northam Platinum	Part 2 Amendment Applications for the Booyesdal Mine located near Lydenburg, across both Mpumalanga and Limpopo provinces: <ul style="list-style-type: none"> Booyesdal North Mine: New Emergency Escape Portal and two new Ventilation Shafts and associated Infrastructure; and Booyesdal South Mine: New Ventilation Shafts and associated infrastructure. 	Project Manager & Senior EAP
2022 to 2023	Booyesdal Northam Platinum	Integrated Environmental Authorisation Application for the Booyesdal South Phase III Expansion, Lydenburg, Mpumalanga: <ul style="list-style-type: none"> Booyesdal South Tailings Storage Facility Expansion; Booyesdal South Run of Mine Stockyard Stockpile Expansion; and Booyesdal South New Merensky Plant. 	Project Manager & Senior EAP
2022 to 2023	Kangra Coal	Integrated Environmental Authorisation Application for the establishment of a Co-Disposal Discard Facility and Wastewater Treatment Plant at the Maquasa East Operations, Piet Retief, Mpumalanga.	Project Manager & Senior EAP
2023	Kangra Coal	Integrated Environmental Authorisation Application for the Umgala/Knights Hill Mining Application, Utrecht, KwaZulu-Natal.	Project Manager & Senior EAP



Project Experience

Year	Client	Project Description	Role/ Responsibility
Waste Management Environmental Assessments			
2003	Assmang Chrome Machadodorp	Environmental Impact Assessment for the permitting of the H:H Hazardous Waste Disposal Facility at Assmang Chrome, Machadodorp.	Senior EAP
2004	Emfuleni Local Municipality	Environmental Impact Assessment for the closure of the Zuurfontein Landfill site for the Emfuleni Local Municipality, Sedibeng, Gauteng	Senior EAP
2004	Ekurhuleni Municipality	Environmental Impact Assessment for the closure of the Sebenza Landfill Site for the Ekurhuleni Municipality, Gauteng.	Senior EAP
2004	Tzaneen Local Municipality	Application for authorisation and EIA for the permitting of an existing solid waste disposal site for the Tzaneen Local Municipality, Mpumalanga.	Senior EAP
2006	Samancor Chrome Middelburg	Environmental Basic Assessment for the permitting of the existing Slag Waste Disposal facility for Samancor Chrome Middelburg, Mpumalanga.	Senior EAP
2006	Samancor Chrome Ferrometals	Environmental Basic Assessment for the permitting of the existing Slag Waste Disposal facility for Samancor Chrome Ferrometals Witbank, Mpumalanga.	Senior EAP
2007	Steve Tshwete Municipality	Environmental Impact Assessments for four Solid waste Transfer Stations for the Steve Tshwete Municipality, Mpumalanga.	Senior EAP
2008	Assmang Chrome Machadodorp	Environmental Impact Assessment for the expansion of the existing Slag Waste Disposal Facility at Assmang Chrome. Responsible for the EIA application for authorization for the proposed expansion project in Machadodorp, Mpumalanga.	Project Manager & Senior EAP:
2010	ArcelorMittal	ArcelorMittal BOF Slag Disposal site licensing of new site and closure of old site, Newcastle, KwaZulu-Natal.	Project Manager & Senior EAP:
2010	Lekwa Municipality	Waste Management License Application for authorization and the conducting of an EIA and technical environmental investigation for the proposed development of two landfill sites for the Lekwa Municipality, Mpumalanga.	Project Manager & Senior EAP:
2015 to 2017	Umgungundlovu Municipality	Advanced Solid Waste Management Project for Umgungundlovu Municipality for proposed Materials Recovery Facilities located in various Local Municipalities, Umgungundlovu Municipality, KwaZulu-Natal.	Project Manager & Senior EAP:
2019 to 2022	Buffalo Coal	Magdalena Colliery Waste Management License Application, Dundee, KwaZulu-Natal.	Project Manager & Senior EAP:
Water and Wastewater Environmental Assessments			
2004	Mskualigwa Municipality	Environmental Impact Assessment for the installation of a water reticulation system at Nganga for the Mskualigwa Municipality, Mpumalanga.	Senior EAP
2006 to 2010	eThekwini Municipality: Water and Sanitation	Proposed upgrading of the WWTW capacity in the Northern Areas of the eThekwini Municipality. Responsible for EIA application for authorization, technical environmental investigations, and waste management license application for the proposed expansion of the WWT capacity in Northern eThekwini, KwaZulu-Natal.	Project Manager & Senior EAP



Project Experience

Year	Client	Project Description	Role/ Responsibility
2008	Johannesburg Water	Environmental Management Services for Johannesburg Water: Environmental Impact Assessment (Exemption) for various individual projects related to the upgrading of the Bryanston Water Mains, Gauteng.	Project Manager & Senior EAP
2014 to 2017	eThekweni Municipality: Water and Sanitation	Environmental Basic Assessment and Water Use License Application for the Northern Aqueduct Water Augmentation Project (Phase 5), Durban, KwaZulu-Natal.	Project Manager & Senior EAP
Electrical and Linear Environmental Assessments			
2005	Magallies Water	Application for (exemption) authorisation on behalf of Magallies Water for the installation of the Rising Main from the Roodeplaas Waterworks to the Wallmannsthal Reservoir, in Wallmannsthal, Gauteng.	Senior EAP
2010	Moloto Rail Corridor Development	EIA for the Moloto Rail Corridor Development. Responsible for the EIA application for authorization and technical environmental investigations for the proposed Moloto Rail Corridor Development, Moloto, Gauteng.	Project Manager & Senior EAP
2010	ESKOM	Environmental Basic Assessment of for the ESKOM Honingklip 88kV & ESKOM Randjiesfontein 88kV overhead line and Sub-Stations, Johannesburg, Gauteng.	Project Manager & Senior EAP
2010	ESKOM	Environmental Basic Assessment of for the ESKOM Ubertas Strategic Servitude Sub-Station, Johannesburg, Gauteng	Project Manager & Senior EAP
2014 to 2017	Msunduzi Municipality	Environmental Impact Assessment for the proposed Msunduzi IRPTN project, Pietermaritzburg, KwaZulu-Natal	Project Manager & Senior EAP
Environmental and Waste Management Compliance Monitoring and Auditing			
2005 to 2009	Sedibeng District Municipality	Auditing of Zuurfontein and Boitshepi Landfill sites for the Sedibeng District Municipality, Gauteng.	Part of Audit Team
2006 to 2009	ABSA DevCO	Environmental Compliance monitoring in accordance with relevant authorisation conditions and environmental management plans for the Amberfield Development on the farm Brakfontein 399 JR, Centurion, Gauteng.	Project Manager & Environmental Control Officer (ECO)
2007 to 2009	ABSA DevCO	Environmental Compliance monitoring in accordance with relevant authorisation conditions and environmental management plans for the Zambezi Estate Development, Montana, Gauteng.	Project Manager & ECO
2008 to 2009	Steve Tshwete Municipality	Auditing of Middelburg Landfill Site for the Steve Tshwete Municipality, Mpumalanga.	Part of Audit Team
2008 to 2009	ABSA DevCO	Environmental Compliance monitoring in accordance with relevant authorisation conditions and environmental management plans for the Cedar Creek Development, Fourways, Gauteng.	Project Manager & ECO
2017 to 2018	Dube TradePort	Environmental Compliance monitoring in accordance with relevant authorisation conditions and environmental management plans for the construction of TradeZone 2, Dube TradePort, La Mercy, KwaZulu-Natal.	Project Manager & ECO
2017	Richards Bay Minerals	Environmental Legal Compliance Audit to determine the level of compliance of Richards Bay	Project Manager &



Project Experience

Year	Client	Project Description	Role/ Responsibility
		Minerals' to their various mining, water and waste licenses and environmental authorisations and permits, Richards Bay, KwaZulu-Natal.	Environmental Auditor
2017 to 2018	eThekweni Municipality	Environmental Compliance monitoring in accordance with relevant authorisation conditions and environmental management plans for the construction of the Northern Aqueduct Phase 5, Durban, KwaZulu-Natal.	Project Manager & ECO
2019	Buffalo Coal	Annual EMPr and WUL audits for Coalfields, Aviemore and Magdalena Operations, Dundee, KwaZulu-Natal.	Project Manager & Lead Auditor
2020	Buffalo Coal	Annual EMPr and WUL audits for Coalfields, Aviemore and Magdalena Operations, Dundee, KwaZulu-Natal.	Project Manager & Lead Auditor
2020	Samancor Eastern Chrome Mines	Annual Performance Assessment Audits for the following mines in Limpopo: <ul style="list-style-type: none"> • Doornbosch, Steelpoort and Montrose Mines; • Quartz Mine; • Lwala Mine; • Lannex Mine; • Spitskop Mine; and • Tweefontein Mine. 	Project Manager & Technical Review
2020	ESKOM	ESKOM Biennial PCB Phase-out Compliance Audit, various sites within South Africa.	Project Manager & Lead Auditor
2020	ESKOM	Majuba Power Station Legal Compliance Audit, Volksrust, Mpumalanga.	Project Manager & Lead Auditor
2021	Zululand Anthracite Colliery	Annual IWUL Audit for 2020, Mandlakazi Traditional Authority, KwaZulu-Natal	Project Manager & Technical Review
2021	ESKOM	Kendal Power Station Legal Compliance Audit, eMalahleni Local Municipality, Mpumalanga.	Project Manager & Lead Auditor
2021	Coalition Trading	External Compliance Audit for the Humberdale Landfill Site, in terms of the Waste Management Permit, KwaZulu-Natal	Project Manager & Auditor
2021	Tronox KZN Sands (Pty) Ltd	NEM: WA Norms and Standards External Waste Compliance Audit for the Tronox Central Processing Complex located in Empangeni, KwaZulu-Natal	Project Manager & Lead Auditor
Integrated Water Use License Applications			
2010	FOSKOR	Integrated Water Use License Application for a new storage dam for FOSKOR, Richards Bay, KwaZulu-Natal.	Part of Project Team
2014 to 2015	SANRAL	Integrated Water Use License Applications as required for the proposed SANRAL N2 Road upgrade from Mthunzini to Empangeni, KwaZulu-Natal.	Project Manager & Senior EAP
2014	eThekweni Municipality: Roads	Integrated Water Use License Application for the proposed Realignment of Inanda Arterial Road, Durban, KwaZulu-Natal.	Project Manager & Senior EAP



Project Experience


Year	Client	Project Description	Role/ Responsibility
2015 to 2017	SMEC (Umzimkulu Municipality)	Integrated Water Use License Application for the proposed Licensing of the existing Umzimkhulu Waste Water Treatment Works, Umzimkhulu, KwaZulu-Natal.	Project Manager & Senior EAP
2014 to 2016	eThekweni Municipality: Roads	Water Use License Application for the proposed eThekweni BRT Route C1A, Durban, KwaZulu-Natal.	Project Manager & Senior EAP
2019 to 2020	Zululand Anthracite Colliery	Integrated Water Use License Application for the new Mngeni Adit and associated infrastructure, Mandlakazi Traditional Authority, KwaZulu-Natal.	Project Manager & Senior EAP
2019 to 2021	South32 SA Coal Holdings	Integrated Water Use License Application for the Roy Point Mine, Newcastle, KwaZulu-Natal.	Project Manager & Senior EAP
2020 to 2022	Buffalo Coal	Integrated Water Use License Amendment Application for the Magdalena Colliery, Dundee, KwaZulu-Natal.	Project Manager & Senior EAP
2020 to 2022	Buffalo Coal	Integrated Water Use License Application for the Coalfields Processing Plant, Dundee, KwaZulu-Natal.	Project Manager & Senior EAP
Management and Master Plans			
2005	Livingstone Municipality	Development of the Livingstone Integrated Development Plan, Zambia.	Part of the Project Team
2008	Steve Tshwete Municipality	Development of an Integrated Waste Management Plan for the Steve Tshwete Municipality, Mpumalanga.	Part of the Project Team
2008	Kungwini Local Municipality	Development of an EMP (Framework) for Kungwini Local Municipality, Mpumalanga.	Part of the Project Team
2010	KZN Department of Public Works - Southern Region	Compilation of an Environmental Management Plan for the Fort Napier sewage upgrading project, Pietermaritzburg, Kwa-Zulu Natal.	Project Manager & Senior EAP



Declaration

DECLARATION

I, Gerda Bothma hereby declare that the details furnished above are true and correct to the best of my knowledge and belief and I undertake to inform you of any changes therein, immediately. In case any of the above information is found to be false or untrue or misleading or misrepresenting, I am aware that I may be held liable for it.

Signature:  Date: 21/02/2024



University of Pretoria

The Council and Senate hereby declare that
at a congregation of the University the degree

Baccalaureus Scientiae with specialization in Biological Sciences

with all the associated rights and privileges
was conferred on

GERDA DE LANGE

in terms of the Act and Statute of the University

On behalf of the Council and Senate
(Sgd) P Smit
Vice-Chancellor and Principal

On behalf of the Faculty of
Science
(Sgd) N Sauer
Dean

(Sgd) CR de Beer
Registrar

Date of Conferment
8 December 1994

Certified a true translation of the original Certificate


Registrar

Signed at Pretoria on the third day of September, 2008



University of Pretoria

The Council and Senate hereby declare that
at a congregation of the University the degree

Baccalaureus Scientiae Honores with specialization in Microbiology

with all the associated rights and privileges
was conferred on

GERDA DE LANGE

in terms of the Act and Statute of the University

On behalf of the Council and Senate
(Sgd) P Smit
Vice-Chancellor and Principal

On behalf of the Faculty of Biological
and Agricultural Sciences
(Sgd) J van Zyl
Dean
(Sgd) JA Boon
Registrar

Date of Conferment
27 March 1996

Certified a true translation of the original Certificate

A handwritten signature in black ink, appearing to read 'A. Smit', written over a faint circular stamp.

Registrar
Signed at Pretoria on the third day of September, 2008



herewith certifies that

Gerda Bothma

Registration Number: 117348

is a registered scientist

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

Environmental Science (Professional Natural Scientist)

Effective **15 November 2017**

Expires **31 March 2024**



Chairperson

Chief Executive Officer





CORE SKILLS

- Project Management
- Environmental Impact Assessment
- Environmental Impact Management
- Water Use Licencing
- Waste Management Licencing
- Integrated Water and Waste management Plans
- Environmental & Waste Auditing and Compliance Monitoring

DETAILS

Qualifications

- BSc (Honours) Environmental Monitoring and Modelling University of South Africa, 2020
- BSc Zoology University of KwaZulu-Natal, 2006

Memberships/ Professional Affiliations

- International Association for Impact Assessors of South Africa (IAIA)
- SACNASP (No.008920) (South African Council for Natural Scientific Professionals)
- Environmental Assessment Practitioners Association of South Africa: Registered Environmental Assessment Practitioner (Reg. No. 2022/4847)

Languages

- Afrikaans
- English

Countries worked in:

South Africa

PROFILE

Ms Reneé Steele has 15 years' experience in the environmental field and strives to provide quality consulting services to client to meet their environmental legislative obligations.

Renee has been involved in a wide range of projects for clients across the industrial, residential, agricultural and mining sectors. These projects have included environmental impact assessments; mining right, mining permit, prospecting permit applications; environmental due diligence; water use licence applications; environmental performance auditing and Environmental Control Officer (ECO) work.

In addition to two formal degrees, Reneé has completed accredited training in respect of the implement of the ISO9001:2015, ISO 14001:2015 and ISO 45001:2018 standards.

Renee has specialist skills in the following areas:

- Project proposals, planning, costing and timing
- Project and client management
- Authority Liaison
- Basic Assessments & Scoping/EIA Processes
- Amendment of Environmental Management Programmes
- Facilitation of Public Participation Processes & Stakeholder Engagement
- Water Use Licence Applications
- Integrated Water and Waste Management Plan compilation
- Environmental Control Officer (ECO) duties
- Environmental Compliance Auditing



Project Experience

Period	Employer	Position	Role/ Responsibility
2017 to present	Steele Environmental Consulting	Director and Principal Environmental Consultant	<ul style="list-style-type: none"> • Management of projects to ensure projects are completed within the agreed upon or legislated timeframe. • Managing project budgets. • Management of interdisciplinary specialist teams. • Environmental Control Officer duties. • Marketing to new clients and compiling proposals. • Environmental auditing and consulting. • Environmental Impact Assessments.
2007- 2016	GCS Water and Environmental Consultants	Senior Environmental Consultant	<ul style="list-style-type: none"> • Management of project timeframes to ensure projects were completed within the agreed upon or legislated timeframe. • Liaison with clients, provincial and national authorities, and the public. • Management of interdisciplinary specialist teams. • Managing project budgets. • Undertaking Environmental Impact Assessments, Water Use Licence Applications, Environmental Performance Audits, Water Use Licence audits, Environmental Management Programme amendments and permit applications. • Marketing and compilation of proposals.

Year	Client	Project Description	Role/ Responsibility
Water Use Licensing & IWWMPs			
2015	Kangra Coal	Ballengeich and Shanduka Siding Remediation IWULA/IWWMP, Newcastle, KwaZulu-Natal	IWWMP Compilation, liaison with authorities.
2014	Exxaro	Glisa Coal Mine Water Treatment Plant: Belfast, Mpumalanga	IWULA/IWWMP compilation.
2012	Exxaro	Matla Colliery Water Treatment Plant: Kriel, Mpumalanga	Review of IWULA submitted, follow up and submission of outstanding information.
2012	Assmang Chrome	Assmang Dwarsrivier GN704 Exemption application: Steelpoort, Limpopo	GN704 inspection, compilation of exemption application.
2012	Transvaal Gold Mining Estates (Pty) Limited	TGME Glynn's Lydenburg and Rietfontein IWULA follow up: Lydenburg and White River	Follow up with the DWS and submission of additional information.
2012	Magaliesberg Water	Magaliesberg Water, Brits, North West Province	WULA compilation.
2012	Mpumalanga Provincial Government: Department of Roads and Transport	P166/R40 Link Road WULA: Nelspruit, Mpumalanga Province	IWULA compilation
2011	Exxaro	Glisa Colliery North Block Complex IWULA amendment: Belfast, Mpumalanga Province	IWULA and IWWMP compilation.
2010	Gold Fields	Gold Fields Centralised Tailings Storage Facility- Integrated Water Use Licence Application (IWULA), Carletonville, Gauteng Province	IWULA and IWWMP compilation.
2010	Total Coal	Forzando North IWULA separation and update: Bethal, Mpumalanga Province	IWULA amendment report compilation.
2010	Assmang Chrome	Dwarsrivier Chrome Mine: Tailings Storage Facility: Steelpoort, Limpopo Province	Public consultation and IWUL compilation.
2009	Namakwa Diamonds	Namakwa Diamonds Water Use Licence Applications, Northern Cape: Various locations within the Northern Cape Province	IWULA compilation.
2009	Rainbow Farms (Pty) Ltd	Rainbow Farms (Pty) Ltd: Water Use Registrations and Licensing: Gauteng, Mpumalanga, KwaZulu-Natal, Eastern Cape, Western Cape	Registration and IWULA Report compilation and follow up.
2008	Mpumalanga Provincial Government: Department of Roads and Transport	P166 Bypass Road: Water Use Licence Application: Nelspruit, Mpumalanga Province	IWULA compilation.
2008	Mpumalanga Provincial Government: Department of Roads and Transport	R40 Road upgrade Water Use Authorisation Application: Nelspruit, Mpumalanga Province	GA application report compilation.
2008	Anglo Platinum	Richmond Mine IWULA, Limpopo Province	IWULA compilation.



Project Experience

Year	Client	Project Description	Role/ Responsibility
2008	Schamach Wildlife Estate cc	Schamach Wildlife Estates: Water Use Authorisation Application: Modimolle, Limpopo Province	General authorisation application report compilation.
EIA and EMP			
2014	South 32	Roypoint Mine Remediation Project Newcastle, KwaZulu-Natal	Project management, compilation of EIA, EMP and IWULA (handed over before completion due to retrenchment in August 2016).
2013	Kangra Coal	Kangra Coal Maquasa East Discard Dump: Piet Retief, Mpumalanga	Project Manager, public consultation, and compilation of EIA, EMP and IWULA.
2014	Namaqua Nickel Mining (Pty) Ltd	Jacomynspan Mining Right Application: Putsonderwater, Northern Cape Province	Environmental Scoping Report and EIA Report compilation.
2013	Two Rivers Platinum	Two Rivers Platinum New Tailings Storage Facility: Steelpoort, Limpopo	NEMA EIA/EMP Report compilation.
2013	Northam Zondereinde	Northam Zondereinde Mine MPRDA EMP consolidation: Northam, Limpopo	Project management, MPRDA EMP compilation
2013	Northam Zondereinde	Northam Zondereinde Mine NEM: WA Basic Assessment: Northam, Limpopo	Project management, NEM:WA Basic Assessment process (including public consultation).
2012	Total Coal	Coal Briquetting Plant EMP Addendum for Total Coal Forzando North Coal Mine: Bethal, Mpumalanga Province	Compilation of EMP addendum.
2012	Kgosana Mineral and Construction	Mining Permit Environmental Management Plans for Coal Mining Permit Applications: Witbank, Mpumalanga Province	Project management, mining permit application, public consultation and EMP compilation.
2012	Main Street 778 (Pty) Ltd	Mukulu Project EMP & NEMA Process: Hotazel, Northern Cape Province	Project management, NEMA and MPRDA process, including report compilation and public consultation.
2012	Transworld Energy and Mineral Resources South Africa	Kwanyana Block Prospecting Right Application: Bizana, Eastern Cape Province	Report compilation and public consultation.
2012	Transworld Energy and Mineral Resources South Africa	Tormin Mineral Sands Resources Prospecting Right Application: Lutzville Western Cape Province	Report compilation and public consultation.
2011	Witkop Exploration and Mining	Witkop Exploration and Mining- Mining Permit Application: Viljoenskroon, Free State Province	Public notification and ESR compilation.
2010	Assmang Iron Ore	Assmang Iron Ore, Beeshoek Mine: Road Diversion: Beeshoek, Northern Cape Province	Public consultation and EIA/EMP report compilation.

Year	Client	Project Description	Role/ Responsibility
2010	African Exploration Mining and Finance Corporation	African Exploration Mining and Finance Corporation Prospecting Permit, Cape Town, and Stellenbosch: Cape Town and Stellenbosch, Western Cape Province	Public consultation, compilation of EMP and Stakeholder Engagement Report.
2010	ArcelorMittal South Africa	ArcelorMittal South Africa Vanderbijlpark Works Temporary Storage Area: Vanderbijlpark, Gauteng Province	Compilation of Basic Assessment Report.
2009	Rand Refinery	Rand Refinery Cadmium Furnace Project, Exemption Application: Germiston, Gauteng Province	Public consultation, compilation of exemption application and EMP.
2009	Booyesdal Platinum Limited	Northam Booyesdal Mine: Environmental Authorisation: Roosenekal, Limpopo Province	Environmental Scoping Report compilation.
2009	Moshutwa Trading	Moshutwa Trading Prospecting Permit Application, Lephalale: Lephalale, Limpopo Province	Prospecting right application, public notification, and compilation of EMP and stakeholder engagement report.
2009	NFT Quarries	NFT Quarries Mining Permit Application, East London (Council for Geoscience): East London, Eastern Cape Province	Prospecting right application, public notification, and compilation of EMP and stakeholder engagement report.
Environmental Control Officer			
2017-2023	Booyesdal Platinum Limited	Booyesdal Platinum Mine South Expansion Project	Environmental Control Officer duties
Environmental Performance Audits			
2023	Sitatunga Manganese	East Manganese Mine, Hotazel, Northern Cape	PAR and WUL Audit
2023	Canyon Coal	Rietkuil Siding, IWUL audit, Mpumalanga (2023)	IWUL performance audit
2023	Canyon Coal	Pan Siding, IWUL audit, Mpumalanga (2023)	IWUL performance audit
2023	Menar (Pty) Ltd	Menar Riverside Anthracite Colliery, PAR, Vryheid, KwaZulu-Natal	NEMA Regulation 34 Performance Assessment
2022	Steynol (Pty) Ltd	Steynol Welgedacht siding IWUL Audit	IWUL performance audit
2021	Canyon Coal	Canyon Coal Hakhano Colliery, Middleburg Mpumalanga	IWUL performance audit and NEMA PAR.
2020	Canyon Coal	Rietkuil Siding, IWUL audit, Mpumalanga (2019 and 2021)	IWUL performance audit
2020	Canyon Coal	Pan Siding, IWUL audit, Mpumalanga (2019 and 2021)	IWUL performance audit
2019	Canyon Coal	Canyon Coal Hakhano Colliery, Middleburg Mpumalanga (2019)	IWUL performance audit and NEMA PAR.

Year	Client	Project Description	Role/ Responsibility
2019	Canyon Coal	Canyon Coal Argent Siding, Mpumalanga	IWUL performance audit
2017	Assmang Chrome	Assmang Chrome Machadadorp Works, Machadorp, Mpumalanga	IWUL, Waste Licence, EMP and environmental authorisation performance audits
2017	Kathu Solar Park	Kathu Solar Park, Kathu, Northern Cape	EMP and IWUL performance audits.
2013	Anglo Coal	Anglo Lephallale Coal Bed Methane GA: Lephallale, Limpopo	Reporting on General Authorisation compliance.
2013	Anglo Platinum Limited	Anglo Platinum Limited: Polokwane Metallurgical Complex (PMC), Polokwane, Limpopo	IWUL compliance audit and reporting.
2012	Northam Zondereinde	Northam Zondereinde Mine Environmental Performance Assessment; Northam, Limpopo	Environmental Performance Assessment (EMP)
2009	SNS Bricks	SNS Bricks, Vereeniging, Environmental Performance Audit: Vereeniging, Gauteng Province (2009).	Environmental Performance Assessment (Environmental Authorisation)
2009	Xstrata	Xstrata Horizon Mine Waste Licence Audit: Rustenburg, North West Province	Environmental Performance Assessment (Waste Licence)
2008	SNS Bricks	SNS Bricks, Vereeniging, Environmental Performance Audit: Vereeniging, Gauteng Province (2008).	Environmental Performance Assessment (Environmental Authorisation)
Due Diligence			
2012	Assmang Iron Ore	Assmang Beeshoek Mine Environmental Legal Gap Analysis: Beeshoek, Northern Cape Province	Environmental Due Diligence Assessment process and report compilation.
2011	Lonmin Platinum	Lonmin Platinum Limpopo: Gap Analysis and Due Diligence Assessment: Lebowakgomo, Limpopo Province	Due diligence assessment and report compilation.
Other			
2009	ArcelorMittal South Africa	ArcelorMittal South Africa Vanderbijlpark Works Dam 10 and CETP Dams Remediation: Vanderbijlpark, Gauteng Province	Compilation of Remediation Alternatives Report.
2009	ArcelorMittal South Africa	ArcelorMittal South Africa- Dunswart Waste Site Remediation: Benoni, Gauteng Province	Site Remediation Alternatives Report compilation.
2010	Department of Water Affairs	Groundwater Information Project: KwaZulu-Natal	Review and capture borehole data and attend monthly feedback meetings with the DWS.



Declaration

DECLARATION

I, Reneé Steele hereby declare that the details furnished above are true and correct to the best of my knowledge and belief and I undertake to inform you of any changes therein, immediately. In case any of the above information is found to be false or untrue or misleading or misrepresenting, I am aware that I may be held liable for it.

Signature: _____

A handwritten signature in black ink, appearing to be 'Reneé Steele', written over a horizontal line.

Date: 20/02/2024



Registration No. 2022/4847

Herewith certifies that

Renee Lynneil Steele

is registered as an

Environmental Assessment Practitioner

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

Effective: 01 March 2023

Expires: 29 February 2024

Chairperson

Registrar





herewith certifies that

Renee Lynneil Steele

Registration Number: 008920

is a registered scientist

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

Environmental Science (Professional Natural Scientist)

Effective **23 October 2013**

Expires **31 March 2024**



Chairperson

Chief Executive Officer





UNISA
UNIVERSITY OF SOUTH AFRICA

We certify that

RENEE LYNNEIL FRANCIS

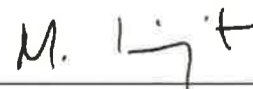
*having complied with the requirements of the Higher Education Act
and the Institutional Statute, was admitted to the degree of*

BACHELOR OF SCIENCE HONOURS
in Environmental Monitoring and Modelling

*at a congregation of the University
on 5 October 2020*



Vice Chancellor



Executive Dean



University Registrar

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UNIVERSITY OF KWAZULU-NATAL

The Universities of Durban-Westville and Natal merged
to become the University of KwaZulu-Natal on 1 January 2004

This is to certify that

Renee Lynneil Francis

was admitted this day
at a congregation of the University
to the degree of

**Bachelor of Science
(Zoology)**

having satisfied the conditions prescribed for the degree.



M W Makgoba
Vice-Chancellor

E Mneney
Registrar

J A Cooke
Dean

21 April 2007

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