

APPENDIX A
PROJECT TEAM CV



Position Title and No.	Project Lead & Environmental Assessment Practitioner	
Name of Expert:	Jo-Anne Thomas	
Date of Birth:	7 September 1972	
Nationality:	South African	
Educational qualifications:		
Qualification	University & Location	Year
B.Sc Earth Sciences,	University of the Witwatersrand, Johannesburg	1993
B.Sc Honours in Botany	University of the Witwatersrand, Johannesburg	1994
M.Sc in Botany	University of the Witwatersrand, Johannesburg	1996
Short Courses:	<ul style="list-style-type: none"> • Environmental Impact Assessment, Potchefstroom University (1998) • Environmental Law, Morgan University (2001) • Environmental Legislation, IMBEWU (2017) • Mining Legislation, Cameron Cross & Associates (2013) • Environmental and Social Risk Management (ESRM), International Finance Corporation (2018) 	
Membership in Professional Associations and Publications:	<ul style="list-style-type: none"> • Registered with the South African Council for Natural Scientific Professions as a Professional Natural Scientist: Environmental Scientist (400024/00) • Registered with the International Associated for Impact Assessment South Africa (IAIASa): 5601 • Member of the South African Wind Energy Association (SAWEA) 	
Key Experience:	<p>Savannah Environmental (PTY) Ltd: Director Dec 2016 - current</p> <hr/> <p>1) <u>CONVENTIONAL POWER GENERATION PROJECTS (GAS and COAL):</u></p> <p>Environmental Impact Assessments and Environmental Management Programmes</p> <p>1.1 Ankerlig OCGT to CCGT Conversion project & 400 kV transmission power line between Ankerlig and the Omega Substation, Western Cape (Eskom Holdings SoC Limited = Project Manager & EAP)</p> <p>1.2 Gourikwa OCGT to CCGT Conversion project & 400 kV transmission power line between Gourikwa & Proteus Substation, Western Cape (Eskom Holdings SoC Limited = Project Manager & EAP)</p> <p>Screening Studies</p> <ol style="list-style-type: none"> 1. Baseload Power Station near Lephalale, Limpopo 2. Coal-Fired Power Plant near Delmas, Mpumalanga 3. Makhado Power Station, Limpopo 4. Fatal Flaw Analysis for 3 area identified for the establishment of a 500MW CCGT Power Station 5. Richards Bay Gas to Power Combined Cycle Power Station, KwaZulu-Natal 	

2) GRID INFRASTRUCTURE PROJECTS

Environmental Impact Assessments and Environmental Management Programmes

- 2.1 Ankerlig-Omega Transmission Power Lines, Western Cape
- 2.2 Koeberg-Omega Transmission Power Lines,, Western Cape
- 2.3 Koeberg-Stikland Transmission Power Lines, Western Cape

Basic Assessments

1. Dassenberg-Koeberg Power Line Deviation from the 2. Koeberg to the Ankerlig Power Station, Western Cape
2. Golden Valley II WEF Power Line & Substation near Cookhouse, Eastern Cape
3. Golden Valley WEF Power Line near Cookhouse, Eastern Cape
4. Konkoonsies II PV SEF Power Line to the Paulputs Substation near Pofadder, Northern Cape
5. Perdekraal West WEF Powerline to the Eskom Kappa Substation, Western Cape
6. Rhebokfontein WEF Powerline to the Aurora Substation, Western Cape
7. Solis Power I Power Line & Switchyard Station near Upington, Northern Cape
8. Tsitsikamma Community WEF Powerline to the Diep River Substation, Eastern Cape

Environmental Permitting

1. Environmental Permitting and WULA for the Rockdale B Substation & Loop in Power Lines,

3) INFRASTRUCTURE DEVELOPMENT PROJECTS

Environmental Impact Assessments and Environmental Management Programmes

1. Great Fish River Wind Farm Access Roads and Watercourse Crossings near Cookhouse, Eastern Cape
2. Msenge Emoyeni Wind Farm Watercourse Crossings and Roads, Eastern Cape

Basic Assessments

1. Qoboshane bridge & access roads, Eastern Cape

4) RENEWABLE POWER GENERATION PROJECTS: CONCENTRATED SOLAR FACILITIES (CSP)

Environmental Impact Assessments and Environmental Management Programmes

1. Karoshoek Linear Fresnel 1 Facility on site 1.1 as part of the larger Karoshoek Solar Valley Development East of Upington, Northern Cape
2. Upington CSP (Tower) Plant near Kanoneiland, Northern Cape

	<p>5) <u>RENEWABLE POWER GENERATION PROJECTS:</u> <u>WIND ENERGY FACILITIES</u></p> <p>Screening Studies:</p> <ol style="list-style-type: none"> 1. Albertinia WEF, Western Cape 2. Koingnaas WEF, Northern Cape 3. Napier Region WEF Developments, Western Cape 4. Tsitsikamma WEF, Eastern Cape 5. Various WEFs within an identified area in the Overberg area, Western Cape 6. Various WEFs within an identified area on the West Coast, Western Cape 7. Various WEFs within an identified area on the West Coast, Western Cape 8. Various WEFs within the Western Cape 9. Velddrift WEF, Western Cape 10. Wind 1000 Project 11. Wittekleibosch, Snylip & Doriskraal WEFs, Eastern Cape 	
Employment record		
Period	Employing Organisation and title/position	Country
Dec 2016 - current	Savannah Environmental (PTY) Ltd: Director	South Africa
1997 – 2005	Bohlweki Environmental (Pty) Ltd	South Africa
January – July 1997	Sutherland High School, Pretoria	South Africa
Adequacy for the assignment		
Name of Assignment and Location	Position held and Period	Activities performed
As indicated throughout the Key experience Section		

CURRICULUM VITAE OF CARINA DE ORNELAS

Comprehensive CV

Profession :	Junior Environmental Consultant
Specialisation:	Environmental Management; Project specific GIS mapping; Administration; Environmental Compliance; assisting in report writing.
Work Experience:	Four (4) Years and three (3) months as a Supervisor in the Retail Industry. Two (2) months in the Environmental Field

VOCATIONAL EXPERIENCE

Carina is a hard working, ambitious Junior Environmental Consultant who is always eager to help where possible and learn more. She holds a BA degree in Environmental Management where she studied through the University of South Africa (Unisa) while juggling her full-time job in retail as a supervisor at the time and managed to graduate with *Cum Laude*.

Carina has always had a passion and love for animals as well as nature and found herself instantly interested in joining the environmental field upon taking biology in school where environmental management was very briefly covered in the said subject.

She enjoys doing work in the field and shows her enthusiasm by always trying to do her best in her work and to help others. She intends to further her studies within the environmental field in the near future in order to increase her value as an asset within the field. She intends to learn as much as possible and gain experience as well as knowledge in as many areas within the field as possible.

SKILLS BASE AND CORE COMPETENCIES

- Passionate about the environment as well as animals
- Always eager to learn more and ambitious
- Compilation of Basic Assessment Reports in compliance with environmental legislation
- Compilation of EIA's in compliance with environmental legislation
- Experience with South African legislation
- Basic GIS mapping skills

EDUCATION AND PROFESSIONAL STATUS

Degrees:

- BA degree in Environmental Management

Professional Society Affiliations:

- In process of obtaining Candidate EAP registration certificate

EMPLOYMENT

Date	Company	Roles and Responsibilities
01 August 2022 - Current:	Savannah Environmental (Pty) Ltd	<i>Junior Environmental Consultant</i> <u>Tasks include:</u> <i>Environmental Assessment Practitioner (EAP); Specialising in project-related GIS mapping. Performing Basic Assessment Reports and Environmental Impact Assessments, Assisting on administrative public participation documents.</i>
02 November 2017 – 05 April 2018	Nywerheids Butchery	<i>Part-time manager</i> <u>Tasks included:</u> <i>Managing store, serving customers, stock control, displaying stock.</i>
06 April 2018 – 25 July 2022	Zig Mart Brits	<i>Supervisor</i> <u>Tasks include:</u> <i>Doing GRV's, Checking and receiving stock, admin duties, serving customers, stock control, standing in for manager when necessary, opening and closing of store every second weekend as well as cash-ups.</i>

PROJECT EXPERIENCE

Project experience includes Solar PV facility and grid infrastructure amongst a few.

RENEWABLE POWER GENERATION PROJECTS: SOLAR ENERGY FACILITIES

Environmental Impact Assessments and Environmental Management Programmes

Project Name & Location	Client Name	Role
Zondereinde Solar PV Facility in the Limpopo Province	Letsatsi PV (Pty)Ltd	Junior Environmental Assessment Practitioner



CURRICULUM VITAE OF ANSONE' ESTERHUIZEN

Profession :	Environmental Assessment Practitioner
Specialisation:	Environmental Management; Strategic environmental advice; Environmental compliance advice & monitoring; Environmental Impact Assessments; Policy, strategy & guideline formulation; Project Management, Environmental Compliance, Public Participation, Various licensing, cartography (GIS), environmental sensitivity analysis for renewable energy project (wind and solar). Socio Economic analysis and Report writing, Climate change analysis, mitigation and adaptation analysis and reporting.
Work Experience:	5 years' experience in Environmental Management, Sustainable development, Climate change analysis, Impact Assessment & GIS

VOCATIONAL EXPERIENCE

An innovative and dependable individual specializing in Environmental Management with Bachelor of Arts and currently pursuing BSc (Hons) from the University of South Africa, with sound knowledge of Environmental Management principles as well as adherence to Environmental legislation regulations, in-depth knowledge of GIS and EIA Processes.

Professional experience in conducting a range of environmental studies in the broad fields of Environmental Management. This includes but is not limited to Basic Assessments, Environmental Impact Assessments, Scoping and EIR, General Authorizations, Auditing, Water Use Licenses, permits & licencing, GIS Mapping, Public Participation and Environmental Management plans.

Responsibilities include report writing, compilation of project specific mapping, project management, review of specialist studies and the identification and assessment of potential negative environmental impacts and benefits. Compilation of the reports for environmental studies is in accordance with all relevant environmental legislation.

Experience in conducting environmental impact assessments for agricultural development, Infrastructure expansion, energy developments, industrial and residential development, licencing for projects as well as undertaking environmental audits.

Passionate about Low carbon economy and Green Energy technology development and implementation; Waste to Energy & Wastewater treatment technology rollout; Solar PV technology designs and training; ability to Advice on Climate Change adaptation and resilience.

SKILLS BASE AND CORE COMPETENCIES

- Compilation of environmental impact assessment reports and environmental management programmes in accordance with relevant environmental legislative requirements, Environmental Compliance and Audits
- Licencing applications
- GIS analysis and mapping as per project specifications
- Adaptability and ability to handle pressure
- Organisational skills
- Ability to build and maintain client relationships
- Loyalty, dedication, and dependability
- Ability to coordinate and synthesize environmental information
- Ability to work to tight deadlines and on multiple projects
- MS Office Package (Word, PowerPoint, and Excel)
- Google Earth
- Project management for a variety of projects
- Public participation process for a variety of projects

EDUCATION AND PROFESSIONAL STATUS

Degrees:

- B.Sc. (Hons) Environmental Management (2022), University of South Africa (UNISA)
- B.A. Environmental Management (2020), University of South Africa (UNISA)

Short Courses:

- ISO 14001:2015 Environmental Management Systems – Christina Lupa (Udemy)
- QGIS and Google Earth Engine for environmental applications – Kate Alison (Udemy)
- Environmental Education: Climate Change the science – Alison Courses
- Diploma in Energy economics, Energy systems and Environmental Impact – Alison Courses

Professional Society Affiliations:

- Environmental Assessment Practitioners Association of South Africa – Environmental Assessment Practitioner
- International Association of Impact Assessment South Africa
- Institute of Waste Management of Southern Africa
- Society of South African Geographers
- Sustainable Procurement & Supply Chain (SPSC) Ambassador

Other Relevant Skills:

- Water Use Licensing on EWULAAS
- Air emissions licencing
- Waste emissions licencing
- Compiling project budgets and proposals
- ISO implementation and adaptation

EMPLOYMENT		
Date	Company	Roles and Responsibilities
07 February 2022 - Current:	Savannah Environmental (Pty) Ltd	<p><i>Environmental Assessment Practitioner</i></p> <p><u>Tasks include:</u></p> <ul style="list-style-type: none"> • Undertake environmental screening assessments, environmental permitting, and environmental authorisation applications. • Undertake water use authorisation applications on the e-WULAA system. • Complete Part 1 and Part 2 EA amendment applications and prepare motivation reports in support of applications for Part 2 EA amendments. • Undertake environmental compliance audits and provide ECO services. • Efficient and quality report writing to execute and manage the delivery of environmental impact assessment (EIA) reports and Environmental Management Programmes in line with the requirements of the National Environmental Management Act and EIA Regulations. • Liaison with relevant environmental authorities. • Execution of the public participation process. • Professional client liaison. • Project management. • Manage third parties or sub-consultants to which functions have been outsourced. • Preparation of proposals and budgets.
January 2021 – February 2022	VARIOUS ENVIRONMENTAL AGENCIES	<p><i>Freelance Environmental Consultant</i></p> <p><u>Tasks included:</u></p> <ul style="list-style-type: none"> • Implementing procedural, reporting, and monitoring requirements as prescribed by Environmental Legislation and applicable Regulations, Environmental Management, Compliance and Monitoring. • License application, amendments, and renewal - WUL, AEL, WML, EMPr • IWWMPs, Waste Management Licenses, Financial Provision Reporting for mining projects, Public Participation, Specialist liaison, Auditing, Site Assessments and Gap Analysis • BA, EMPs, EIA, Environmental Authorization assistance and drafting of various reports, where relevant, review of EIA/ESIA and permits to ensure compliance Standards and applicable legislation • Waste Management, Mine Health and Safety, Environmental Awareness and Training, Administration and Reporting • Environmental Management System - ISO14001:2015 • Permits: FLORA and FAUNA • Review bid documents to understand the requirement and deliverables of the tender. • Review and approve monthly ECO reports to ensure the report is accurate and reflective of site conditions. • Experience working with renewable energy projects • Prepare technical reports and inputs for programme preparation and documentation, ensuring accuracy, timeliness, and relevance of information. • Prepare required documentations/materials to facilitate and review processes. • Work collaboratively with internal and external colleagues and partners to collect/analyse/ share information on implementation issues, suggest solutions on routine implementation of relevant projects and alert appropriate officials and stakeholders for higher-level interventions and/or decision. • Keep record of reports and assessments for easy reference.

		<ul style="list-style-type: none"> • Monitor and report on the use of sectorial program resources (administrative and other assets), verify compliance with approved allocations based on regulations/procedures commitments with standards of accountability and integrity. • Undertake field visits and surveys, collect, and share reports with partners/stakeholders. Report critical issues, bottlenecks, and potential problems to supervisor, for timely action. • Support the project team/s in the design, development, implementation, management, and monitoring of renewable interventions, as needed. • Client liaison, site visits and ensure completion of projects / project deliverables as per the agreed project plans and budget • Community engagement as the community is one of the major stakeholders in the project. Project tracking and weekly/monthly process reports and manage key relations with key stakeholders.
2018 - 2021	NALI SUSTAINABILITY SOLUTIONS, SOUTH AFRICA	<ul style="list-style-type: none"> • <i>Environmental Control Officer</i> • Implementing procedural, reporting, and monitoring requirements as prescribed by Environmental Legislation and applicable Regulations. • Implementing, assessing, and monitoring performance, commitments, and recommendations of the Site's Environmental Management Program, authorizations, and assessments. • Compiling and Implementing of Environmental Standard Operating Procedures (SOPs). • Managing small team of workers that aids in ensuring environmental compliance also compiling and Implementing Environmental Awareness Program. • Ensuring daily Environmental risk assessments, hazard identification and rectification. • Forecast necessary budgets to bring the potential project in compliance with best practice to support Project Finances offer preparation • Implementing, maintaining, and monitoring an environmental management system based on the operations' approved EMP, Water licensing and Authorization. • Compiling monthly reports on pertinent environmental monitoring data and maintaining a system of reporting environmental incidents and reviewing recommendations to rectify deviations. • Identifying, classifying, and rehabilitating indigenous and invasive Fauna and/or Flora. • Updating and maintaining operation's environmental aspect register and monitoring management programs/actions for significant aspects. • Directing employees and sub-contractors regarding implementation of environmental requirements such as pollution control, waste reduction, best environmental management practices as well as other requirements listed in the approved EMP, Environmental Authorization (EA), and Integrated Water Use License (IWUL). • Conducting regular environmental audits to ensure that environmental requirements are adhered to. • Managing Waste Collection on site and keeping records of waste disposal certificates. • Maintaining a database of water consumption, and distribution also ensuring legal compliance with all Environmental policies as well as provision of input into policy updates and reviews. • Reviewing and updating ISO 14001 procedures and policies when necessary.
2017 - 2021	O2 Environmental Consulting	<p><i>Junior Environmental Assessment Practitioner</i></p> <p>Tasks</p> <ul style="list-style-type: none"> • Training and experience in applying the principles of Integrated Environmental Management (IEM), and in applying the Environmental Impact Assessment (EIA) Regulations to a number of development projects and initiatives in South Africa that trigger the National Environmental Management Act and/ or the National Environmental Management: Waste Act. • Facilitation, co-ordination, and management of all aspects of the EIA process. • Liaising with specialists and all members of the project team to ensure a full understanding of the scope of work required throughout the process. • The compilation of reports: Constraints Analysis, Basic Assessment Reports, Scoping and Environmental Impact Assessment Reports, and Damage Assessment Reports (24G Applications) WULA, waste management plans, environmental audits etc. • Liaising with interested and affected parties and facilitating the public participation process required in terms of the EIA Regulations • Environmental Management Programmer • Environmental Authorizations processes • Site inspection and compliance monitoring

		<ul style="list-style-type: none"> Develop and compile climate change response plans for Department of Agriculture, Land Reform and Rural Development Subcontractor audits and Supplier Due Diligence audits. Action Plan Compilation for Environmental Control Officer Reports Findings. Update and maintain Environmental Performance Tracker. Appointing relevant specialists for different environmental disciplines (such as biodiversity specialist, aquatic specialists, avifaunal specialist etc.); Reviewing and commenting on specialists' reports;
2014 – 2016	Various	<ul style="list-style-type: none"> <i>Administrative Roles at various organizations</i>

PROJECT EXPERIENCE

Ansone' has expertise in environmental project management, drafting & reporting, conducting site environmental inspections, resource management, rehabilitation, conservation, waste management, environmental awareness facilitating, vegetation analysis, public participation, and Environmental Management systems such as ISO14001:2015

RENEWABLE POWER GENERATION PROJECTS

Environmental Impact Assessments and Environmental Management Programmes

Project Name & Location	Client	Role
4x Pixley Park Solar PV Cluster & 4x Grid Connection infrastructure, Northern Cape	Mulilo Energy Development	EAP and Team Lead
Umbhila Wind and Solar PV developments, Mpumalanga	Windlab Development SA (Pty) Ltd	EAP
3x Sibanye Stillwater Cluster, North West	Sibanye Stillwater PGM	EAP and Team Lead
Pivot Development and Expansion, Free State	JN Venter Boerdery (Pty) Ltd	EAP
4x Harmony Gold Phase 2 Solar PV developments, Free State & North West	Harmony Gold (Pty) Ltd	EAP and Team Lead
4x Goldfields Wind and Solar Renewable Energy Development, Gauteng	Goldfields Mining and Development (Pty) Ltd	EAP and Team Lead
Northam Solar PV Development	Letsatsi PV (Pty) Ltd	EAP and Team Lead
4x Mutsho Solar PV Development	Mutsho Power (Pty) Ltd	EAP and Team Lead
Qulo Solar PV and Grid connection	WKN (Pty) Ltd	EAP and Team Lead

Basic Assessments and Environmental Management Programmes

Project Name & Location	Client	Role
3x ZEN Gridlines, Western Cape	FE Bonne (Pty) Ltd	EAP and Team Lead
Orkney SEF, North West	Genesis Eco Energy Development	EAP
Highveld Solar and Grid connection, North West	Genesis Eco Energy Development	EAP and Team Lead
3x Harmony Gold Phase 2 Solar PV developments, Free State & North West	Harmony Gold (Pty) Ltd	EAP and Team Lead

Environmental Permitting

Project Name & Location	Client	Role
Sibanye Stillwater Cluster, 3X WUL, North West.	Sibanye Stillwater PGM	EAP and Team Lead
6X WUL North West and Free State	Harmony Gold (Pty) Ltd	EAP and Team Lead
Zondereinde Mine WULA	Letsatsi PV (Pty) Ltd	EAP and Team Lead
Section 102 amendment for a Solar PV facility	Goldfields Mining and Development (Pty) Ltd	EAP and Team Lead
Sibanye Tailings and Expansion WULA	Sibanye Stillwater PGM	EAP and Team Lead
Sibanye Expansion Section 102 with BA	Sibanye Stillwater PGM	EAP and Team Lead

INFRASTRUCTURE DEVELOPMENT PROJECTS (BRIDGES, PIPELINES, ROADS, WATER RESOURCES, STORAGE, ETC)

Environmental Impact Assessments and Environmental Management Programmes

Project Name & Location	Client	Role
New Wave Dam, Northern Cape	New wave farming (Pty) Ltd	EAP

Basic Assessments and Environmental Management Programmes

Project Name & Location	Client	Role
KZN Road Development	KZN Road Agency	EAP

Various Cell phone Masts within the Western and Northern Cape	Various	EAP
Motsoaledi Filling Station, Limpopo	Tshikovha green	EAP
Nylstene Bricks, North West	Nylstene Pty Ltd	
Tugela Filling Station Expansion		EAP

Environmental Compliance, Auditing and ECO

Project Name & Location	Client	Role
Kwaggas Nek ECO, KZN	Green mined (Pty) Ltd	ECO
Middelburg Quarry EPA, Mpumalanga	Green mined (Pty) Ltd	ECO
Wit Kloof Quarry, EPA, Mpumalanga	Green mined (Pty) Ltd	ECO
Pick n Pay warehouse, Gauteng	Nail Sustainability Solutions (Pty) Ltd	ECO
The Development and Preventative Maintenance of Road D1483 (R572), Limpopo	Roads Agency Limpopo	ECO
EMP Borrow pits for Upgrading of Road from Modiolli to Mabatlane, Limpopo	Roads Agency Limpopo	ECO

Environmental Permitting

Project Name & Location	Client	Role
New Wave Dam, WUL, Northern Cape	New wave farming (Pty) Ltd	EAP

Other

Project Name & Location	Client	Role
Substantive Amendment to EIA for Road development, Western Cape	Private Client	EAP & Public Participation
Melk boom Dam 24G application, Kimberly	Melk boom Farming (Pty)Ltd	EAP
Warmbokkeveld pipeline rehabilitation, Northern Cape	EnviroAfrica CC	EAP & Author
Vyeboom Mission Rehabilitation, Western Cape	EnviroAfrica CC	EAP & Author
Ceres Pipeline Maintenance Management Plan, Western Cape	EnviroAfrica CC	EAP & Author
Springbok Northern Cape Water Pipeline ECO and Rehabilitation work, Northern Cape	EnviroAfrica CC	ECO & Author
Henkries Pipeline, Northern Cape	Henkries Local Municipality	ECO
Kathu Filling Station, Northern Cape	EnviroAfrica CC	ECO
Lambertsbaai Desalination plant, Western Cape	Lambertsbaai Local municipality	ECO
Feldspar Mine, Western Cape	Feldspar Mine (Pty) Ltd	ECO

INDUSTRIAL, FARMING AND RESIDENTIAL DEVELOPMENT PROJECTS

Environmental Impact Assessments and Environmental Management Programmes

Project Name & Location	Client	Role
Balfour Fuel Depot Expansion, Mpumalanga	Barabara Road Binders (Pty)	EAP
Styerkraal Agricultural Holdings, Western Cape	Styerkraal Agricultural Holdings CC	Project Manager and EAP

Basic Assessments and Environmental Management Programmes

Project Name & Location	Client	Role
Prodipix Shopping mall and Filling station, Mpumalanga	Prodipix Pty Ltd	Project Manager & EAP
Loyebo Shopping complex, KZN	Mboma Property Ltd	Project Manager & EAP
Alberton Piggery Expansion, Gauteng	Tshikovha Green	EAP & Public Participation
Upington Crematorium, Northern Cape	Upington Crematorium	EAP & Public Participation
Ramotswa Housing Development, Limpopo	Makepise Filling Station (Pty) Ltd	EAP
Nkateko Housing Development, Limpopo	Nkateko Properties cc	EAP

Homu Shopping Centre	Makepise Filling Station (Pty) Ltd	EAP
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Environmental Compliance, Auditing and ECO

Project Name & Location	Client	Role
River sand Massmart, Gauteng	Massmart (Pty) Ltd	ECO & Compile EMP

Environmental Permitting

Project Name & Location	Client	Role
Styerkraal Agricultural Holdings, WUL Application, Western Cape	Styerkraal Agricultural Holdings CC	EAP and Team Lead
Upington Crematorium, AEL, Northern Cape	Upington Crematorium	EAP & Public Participation

Other

Project Name & Location	Client	Role
Strysbaci Church 24G Application, Western Cape	Church of the Latter-day Saints	EAP

Mining

Project Name & Location	Client	Role
MPH Mining Prospecting Right Renewal, Northern Cape	MPH MINING (Pty) Ltd	Project Lead & Report Compiler
Vengablox De Klerks Kraal Social Labour Plan (SLP) & Mine Charter Report (MCR, Northern Cape	Vengablox (Pty) Ltd	Project Lead & Report Compiler
Zandberg SLP & MCR, North West	Zandberg Mine (Pty) Ltd	Project Lead & Report Compiler
Wansley SLP & MCR, Gauteng	B&E International	Project Lead & Report Compiler
De Aar Stone Crushers SLP & MCR, Northern Cape	De Aar Empowerment CC	Project Lead & Report Compiler
Bridge Town SLP & MCR, Northern Cape	Lime Sales (Pty) Ltd	Project Lead & Report Compiler
Affordable Outcome Prospecting right Renewal, Free State	Invest in Property 99 (Pty) Ltd	Project Lead & Report Compiler
Ouwerf Mining right renewal, Western Cape	Ouwerf Boerdery CC	Project Lead & Report Compiler
Aroms Mining right renewal, Northern Cape	Lime Sales (Pty) Ltd	Project Lead & Report Compiler
Orchards Mining right Renewal, Eastern Cape	Marikana Brick (Pty) Ltd	Project Lead & Report Compiler

ENVIRONMENTAL, SUSTAINABILITY OR GIS PROJECTS

Project Name & Location	Client	Role
National Climate Change Adaption and Mitigation Strategy	Department of Agriculture, Land Reform and Rural Development	Environmental Advisor
KCM Environmental	KCM Environmental	Environmental Advisor
GIS Mapping	MKD Environmental	GIS Specialist
GIS Mapping	Matavha Environmental	GIS Specialist
Socio-Economic analysis	Toma-Now	Soico-Economic Analyst

CURRICULUM VITAE OF MOLATELA LEDWABA

Profession :	Public Participation and Social Consultant
Specialisation:	Public participation process, stakeholder engagement, Facilitation (focus group and public meeting)
Work Experience:	13 years

VOCATIONAL EXPERIENCE

Molatela Ledwaba works as a public participation and social consultant at Savannah Environmental. She has a BA in Environmental Management and is currently working on her BA(Hons) in Environmental Management. Molatela has thirteen (13) years of experience in office administration, project coordination, and public participation in a variety of industries including geohydrological and environmental services projects, but not limited to infrastructure development and mining.

She has worked for both small and large organizations, gaining experience in research, data collection, planning and execution of social surveys, data management and community facilitation. Molatela has experience working on projects in South Africa and Kenya. She has been taking part in public participation, stakeholder engagement and socioeconomic baseline. She has successfully completed several public participation processes for ESIA BA, and WULA projects.

SKILLS BASE AND CORE COMPETENCIES

- Competent in Microsoft Word, PowerPoint, excel and Outlook
- Public Participation and Stakeholder Engagement
- Geographical Information Systems (basic – ArcGis & QGis)
- Social Research
- Comments and Response Report
- Facilitation
- Desktop -Socio economic baseline
- Ability to accurately track inventory and compile reports
- Great team player and can work well independently
- Google Earth

EDUCATION AND PROFESSIONAL STATUS

Degrees:

- BA(Hons) Environmental Management (current) University of South Africa
- BA Environmental Management (2017) University of South Africa

EMPLOYMENT

Date	Company	Roles and Responsibilities
<p>29 August 2022 - Current:</p>	<p>Savannah Environmental (Pty) Ltd</p>	<p><i>Public Participation and Stakeholder Engagement</i> <u>Tasks include:</u></p> <ul style="list-style-type: none"> • Facilitation of stakeholder meeting • The execution of all tasks relating to public participation such as identification of affected parties and relevant stakeholders, ongoing stakeholder consultation, liaison with relevant environmental authorities and stakeholders, arranging, co-ordinating and attending public consultation meetings, compilation of public participation documentation and public administration tasks • Administration task associated with the public participation process required to be undertaken in terms of the National Environmental Management Act, 1998(Act No.107 of 1998), read with the EIA Regulations (2014), as amended. Tasks include, inter alia identification of affected parties and relevant stakeholders, arranging public consultation meetings, compilation of public participation documentation and filing of public participation related records, report release, administration uploads and accurate record keeping. • Administrative support to environmental authorisation, permitting and licensing tasks and undertake site visits to support public participation or social impact assessment processes. • Project-related GIS mapping. • Implementation of appropriate procedures and mechanisms to consolidate and complete a compliance check on project-related files with a view to enhance overall management of project documentation for all closed, live and future projects executed by the company. <p><i>Social Consultant</i> <u>Tasks include:</u></p> <ul style="list-style-type: none"> • Compilation of Social Impact Assessment • Conduct socio-economic analyses and public participation processes • Undertaking community engagement and liaison activities

Date	Company	Roles and Responsibilities
		<ul style="list-style-type: none"> • Contributing socio economic baseline details to the EIA process • Liaise with landowners, government at various levels • Demographic profiling • Conducting research • Compile and review reports for submission to client and/ or legal authorities • Project, client and management
10 June 2022 – 26 August 2022	Nemaï Consulting Cc	<u>Environmental Officer</u> <u>Tasks included:</u> <ul style="list-style-type: none"> • Contributing to EIA projects • Conducting site visits • Carrying out Stakeholder Engagement process • Data analysis • Public Participation process • Conducting Social survey • Community Participation Consultant
01 March 2018 – 31 July 2022	Golder Associates Africa	Social Sciences Project Coordinator <u>Tasks included:</u> <ul style="list-style-type: none"> • Compilation of reports, i.e., public participation and Socio-economic baseline. • Helped with Social research. • Contributing to EIA projects. • Desktop study analysis and assisted with Water Use License applications. • Compiled and maintained stakeholder database. • Compilation of announcement documents for EIA projects. • Assisted with mail and email merges. • Liaised with a wide range of stakeholders representing various sectors of society. • Coordinated the publication of mandatory advertisements and collected tear sheets. • Coordinated delivery of documents to the authorities. • Captured stakeholder comments and social survey data in appropriate MS Office programmes. • Preparation of meeting agendas, presentations, and compilation of minutes. • Carried out structural crack survey. • Arranged logistics for public participation meetings.

Date	Company	Roles and Responsibilities
		<ul style="list-style-type: none"> • Performed general administrative support to Environmental Services division. • Managing courier services. • Coordinating travel arrangements and accommodation bookings
26 May 2006 – 31 May 2017	Khulani GeoEnviro Consultants Pty Ltd	Office Administrator/ Database and GIS Operator Tasks included: <ul style="list-style-type: none"> • Geohydrological and geological data capturing on Aquabase and Log plot. • GIS work and map productions (Qgis and ArcGIS). • Contributed to compilation of geohydrological reports. • Prepared and attended Public Participation Meetings. • Liaised with relevant government departments regarding issuing of Record of Decision. • Prepared Water Use License Applications for boreholes. • Performed general administrative support to specific projects. • Operated Switchboard by answering, screening, and forwarding calls to the person(s), taking messages and scheduling appointments. • Greeted clients and visitors with a positive and helpful attitude, determined nature and purpose of visit, directed, and escorted them to the relevant person. • Collected, distributed messages and managed courier deliveries. • Made travel arrangements and accommodation bookings. • Coordinating monthly payments of office bills. • Filling and maintenance of electronic and manual record for department within the company. • Coordinated appointments, meeting and managed the MD's diary effectively. • Took minutes of meetings. • Ordered office supplies and maintained proper stock levels.

PROJECT EXPERIENCE

Project Name & Location	Client Name	Role
Orange Farm to Johannesburg Inner City Integrated Corridor Management, City of Johannesburg	SMEC South Africa	Stakeholder Engagement Consultant
Illovo Water Pipeline Upgrade, City of Johannesburg	PHB Engineers	Social Facilitator
Application for Environmental Authorisation (EA), Water Use Licence (WUL) & Atmospheric Emission Licence (AEL), KwaZulu Natal	Lanele Group	Stakeholder Engagement Consultant
Water Use Licence at Kliprivier Plant, Gauteng	Twinsaver Group (Pty) Ltd	Public Participation Consultant
IWULA/ WUL, Greater Tubatse	Tubatse Ferrochrome (Pty) Ltd	Public Participation Consultant
Section 24 G and Air Emissions Licence Application, Richards Bay	Grindrod Terminals (Pty) Ltd	Public Participation Consultant
Proposed Road Realignment EIA/ EMP, Mpumalanga	Mafube Coal Mining (Pty) Ltd	Public Participation Consultant
Air Emissions Licence Application and WUL, Richards Bay	Hillside Aluminium (Pty) Ltd	Public Participation Consultant and Water Use Licence Application
EIA EMP IWULA/ WUL, Turfvlakte Coal Mine Mpumalanga	Exxaro Coal (Pty) Ltd	Water Use Licence Application
Environmental Impact Assessment, Lakenvalei & Impunzi Mine, Limpopo	Glencore Operation South Africa (Pty) Ltd	Water Use Licence and Socio-economic Baseline report Writer
Environmental and Social Impact Assessment, Democratic Republic of Congo	MMG Limited (Kinsevere Mine)	Public Participation Consultant
Seriti Metsimaholo Mining Right Application, Free state	Serite Coal (Pty) Ltd	Public Participation Consultant
Proposed Lokichar to Lamu Crude Oil Pipeline Project, Kenya	Government of Kenya and its commercial partners- Tullow-Oil Kenya Ltd, Africa Oil Turkana Ltd and Total/ Maersk Oil Kenya Ltd	Public Participation, Socio-Economic Baseline and Report writer
Basic Assessment process, Northern Cape	South32 Hotazel Manganese Mine (Pty) Ltd – Mamantwan Mine	Public Participation Consultant
Basic Assessment Process, Northern Cape	Goodrock Chemworks (Pty) Ltd	Public Participation Consultant
Basic Assessment and Water Use Licence process	AngloGold Ashanti (Pty) Ltd	Public Participation Consultant
Ibutho Coal Exploration Project, Kwa Zulu Natal	Ibutho Coal (Pty)Ltd	GIS Support
Mpefu Coal Exploration Project, Limpopo	Ibutho Coal (Pty) Ltd	GIS Support
Welbedacht Water Supply, Northwest Province	Phumaf Consulting Engineers (Pty) Ltd	Public Participation Consultant, Water Use Licence Application and GIS Support
Praktiseer and Dzumeri RDP Development Projects, Greater Tubatse	SMV Consulting Engineers	Public Participation Consultant
Coligny Water Supply, Northwest Province	Phumelela Africa (Pty) Ltd	Water Use Licence Application and GIS Support

<i>Setlagole Water Supply</i>	<i>Phumelela Africa (Pty) Ltd</i>	<i>Water Use Licence Application and GIS Support</i>
<i>Itsoseng Water Supply</i>	<i>Phumelela Africa (Pty) Ltd</i>	<i>GIS Support and Report Writer</i>
<i>EIA for the proposed new development of houses, Northwest Province</i>	<i>Kananibo Investments CC</i>	<i>Public Participation Consultant</i>