

CURRICULUM VITAE (CV)

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| Position Title: | Independent Environmental Assessment Practitioner (EAP) |
| Name: | Colin Pendapala Namene |
| Name of Firm: | Environam Consultants Trading CC |
| Date of Birth: | 07 March 1972 |
| Country of Citizenship/Residence | Namibia |

Education:

- **2013 – 2014 University of Reading**
MSc in Environmental Management
Modules include: Energy, Climate Change and Development; Resilience for Sustainable Development; Climate Change Policy and Governance; Environmental Management Principles and Practise; Resource and Environmental Economics
- **2009 – 2012 University of South Africa**
BA in Environmental Management
Modules include: Environmental Evaluation and Impact Assessment; Environmental Affairs; Development of Urban Space; Research in Social Sciences, and Environmental Politics
- **2007 Human Settlement Management Institute (New Delhi, India)**
Urban Infrastructure Planning and Management (3 Month Short Course)
- **2000 - 2003 Polytechnic of Namibia**
National Diploma: Business Computing

Professional Achievements :

2013 - Member - Board of Trustees: Green Building Council of Namibia
2006 - Chairman - Coastal Bulk Water Users Forum

Countries of Work Experience: Namibia

Summary:

- Postgraduate environmental management studies
- Experience in environmental management
- Experience in environmental assessments
- Experience in sustainability projects
- Experience in energy efficiency projects
- Long-term experience working in and leading teams
- Experience in project management
- Good presentation and writing skills

Skills and Achievements:

- Urban Infrastructure Planning and Management, HSMI, Delhi, India
- ISO 45001 – Occupational Health and Safety Management Implementation, Windhoek, Namibia

- ISO 14001 – Environmental Management Implementation, Windhoek, Namibia
- ISO 9001 – Quality Management Implementation, Windhoek, Namibia

Project and Environmental Management

- Conduct environmental impact assessments for various projects, including energy, township establishments, mining, oil and gas, commercial developments, medical etc.
- Participated in the Global Environmental Facility (GEF) funded Namibia Energy Efficiency in Buildings project.
- Initiated the participation of Arandis Town Council, as the only local authority, in the establishment of Green Building Council Namibia. Have been appointed a member of the Board of Trustees.
- Served as Chairman of Coastal Bulk Water Users' Forum, that deals with water management issues of the Namibian coastal region. It subsequently motivated me to implement the Arandis Water Management Project to address water losses of over 65% in Arandis town and managed to bring that down to a lower level of 15%. Members included Nampont, Rossing mine, Langer Heinrich mine, Arandis Town Council, Walvis Bay Municipality.
- Managing of all infrastructure projects on behalf of Arandis Town Council, this include amongst others:
 - bulk infrastructure services (water, sewer, electricity) for various areas in Arandis Town;
 - construction of the Arandis Puma Service Station;
 - construction of Arandis Open Market

Teamwork

- Maintaining excellent liaison with various role players during environmental assessment projects, such as clients; town planners; Air Quality, Hydrogeological, GIS specialists, etc.
- At Arandis Town Council demonstrated excellent teamwork skills as part of the management team. This was also cascaded down to the team within the division that I managed as evidenced in the outstanding relations I maintained with my peers and subordinates, as well as the elected Councillors.
- High level participation in the establishment and implementation of the Arandis Sustainable Development Project (ASDP), a partnership between the Town Council, Rossing Mine and Rossing Foundation, which crafted the Strategic Plan for the Council. This has managed to draw attention to Arandis Town as a growth centre.

Additional activities

- Participated in an Environmental Auditors Training offered by Green Impact, which included practical audits of Reading University buildings. It provided me with valuable skills in implementing green projects from the UK perspective.
- In 2007 attended a 3 month short course in Urban Infrastructure Planning and Management in New Delhi India. Incorporating various themes in urban planning and governance, such as solid waste management; town planning; water; and sanitation.

Employment record relevant to the assignment:

| Period | Employing organization and your title/position. Contact info for references | Country | Summary of activities performed relevant to the Assignment |
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| 2016- Current | <p>Name of Employer: Environam Consultants Trading</p> <p>Position: Managing Director</p> <p>Contact information for references:</p> <p>Name: Colin P Namene</p> <p>Designation: Managing Director</p> <p>Tel No.: +264 81 458 4297</p> <p>Email: colin@environam.com</p> | Namibia | <ul style="list-style-type: none"> • Environmental Impact Assessments • Environmental Management Plans • Environmental Management Systems • Environmental Monitoring • Environmental Auditing • Solid Waste Management |
| 2015- 2016 | <p>Name of Employer: Africa Planning Forum</p> <p>Position: Environmentalist</p> <p>Contact information for references:</p> <p>Name: Bronwynn Basson</p> <p>Designation: Project Manager</p> <p>Tel No.: +264 81 303 4747</p> <p>Email: bronwynn@spc.com.na</p> | Namibia | <ul style="list-style-type: none"> • Provision of environmental consulting services • Conducting Environmental Impact Assessments |
| 2004- 2013 | <p>Name of Employer: Arandis Town Council</p> <p>Position: Manager – Technical Services</p> <p>Contact information for references:</p> <p>Name: Florida Husselmann</p> <p>Designation: Chief Executive Officer</p> <p>Tel No.: +264 81 337 6099</p> <p>Email: ceo.atc.com.na</p> | Namibia | <p>Overall management of all aspects of Arandis town's</p> <ul style="list-style-type: none"> • environmental management • infrastructure and • town planning |

Membership in Professional Associations and Publications: Environmental Assessment Professionals of Namibia (EAPAN)

Language Skills:

| Language | Speaking | Reading | Writing |
|------------|-----------|-----------|-----------|
| English | Excellent | Excellent | Excellent |
| Oshiwambo | Excellent | Excellent | Excellent |
| Afrikaans | Excellent | Excellent | Excellent |
| Otjiherero | Good | Good | Fair |

SELECTED ASSIGNMENTS

Project Name Environmental Impact Assessment and Environmental Management Plan (EMP) for the Township Establishment of Tsandi Extensions 2, 4, 5 and 6.

Date: September 2015

Location: Tsandi, Omusati Region,

Client: Omusati Regional Council

Main Project Features: Tsandi is a settlement located in north-central Namibia within the Omusati Region. It is one of the settlements in the region that serves as local administrative centres. As a result, Tsandi is experiencing an increase in its population, which come with the associated increased demand for residential, commercial, and institutional erven. In order to address this challenge, the Omusati Regional Council has made budgetary provision to establish new townships for the Tsandi settlement.

It is thus the Regional Council's intention to formalise existing informal settlements and provide additional erven and infrastructure services. Major components involved are the improvement of and additional water supply, sewerage and waste management services for the residents.

Position Held: Lead Environmental Assessment Practitioner

Activities Performed: Site Investigation and Analysis, Public Consultation, Impact Analysis. Mitigation Formulation, Scoping Report, Environmental Management Plan, Application for Environmental Clearance Certificate (ECC).

Project Name Environmental Impact Assessment and Environmental Management Plan (EMP) for the

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| | Township Establishment of Engela Omafo Extensions 1, 2, 3, 4, 5, 6, 7, 8 And 9. |
| Date: | November 2015 |
| Location: | Helao Nafidi, Ohangwena Region, |
| Client: | Helao Nafidi Town Council |
| Main Project Features: | <p>Helao Nafidi is a town located in north-central Namibia within the Ohangwena Region. It was created as a merger of several villages and settlements along the B1 road between Oshikango and Ohangwena including Engela-Omafo. Slow and hampered planning has meant that the town does not have readily available erven for residential and commercial use.</p> <p>This scarcity of planned and serviced erven has created several challenges to the town of Helao Nafidi such as the residents having taken it upon themselves to create informal settlements, usually close to the areas with employment and economic opportunities. This has resulted in the proliferation of informal settlements in or near Oshikango without proper urban infrastructure services such as water supply, sewerage, electricity, waste management.</p> <p>The major components involved in this project are the improvement of and additional water supply, sewerage, electricity and waste management services for the residents.</p> |
| Position Held: | Lead Environmental Assessment Practitioner |
| Activities Performed: | Site Investigation and Analysis, Public Consultation, Impact Analysis. Mitigation Formulation, Scoping Report, Environmental Management Plan, Application for Environmental Clearance Certificate (ECC). |
| Project Name | Environmental Impact Assessment and Environmental Management Plan (EMP) for the Township Establishment of Ohangwena Extensions 4 and 5 |
| Date: | March 2016 |
| Location: | Helao Nafidi, Ohangwena Region, |
| Client: | Helao Nafidi Town Council |
| Main Project Features: | Helao Nafidi is a town located in north-central Namibia within the Ohangwena Region. It was created as a merger of several villages and settlements along the B1 |

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road between Oshikango and Ohangwena including Engela-Omafo. Slow and hampered planning has meant that the town does not have readily available erven for residential and commercial use.

Due to the concentration of business activities in the already overloaded Oshikango, and population increases amongst other challenges, the Town Council recognized the need to establish a new commercial heart, which will strengthen and realign the business activities of Helao Nafidi towards the centre of the town, thereby relieving the Oshikango area and giving the whole town new sustainable development opportunities. The major components involved in this project are the improvement of and additional water supply, sewerage, electricity and waste management services for the residents.

Position Held: Lead Environmental Assessment Practitioner

Activities Performed: Site Investigation and Analysis, Public Consultation, Impact Analysis. Mitigation Formulation, Scoping Report, Environmental Management Plan, Application for Environmental Clearance Certificate (ECC).

Project Name **Environmental Impact Assessment and Environmental Management Plan (EMP) for the Township Establishment of Kaisosi Extensions 12 and 13; Ndama Extensions 14-18; Sauyemwa Extensions 10 and 11.**

Date: February 2017

Location: Rundu, Kavango-east Region,

Client: Rundu Town Council

Main Project Features: Rundu is located in the northeast of Namibia, it is the capital and largest town in the Kavango-east region. It is the town with the second largest population in the country. The town is strategically located and is a gateway that links the port of Walvis Bay with a number of important countries in SADC namely Angola, Zambia, Zimbabwe and Botswana. Slow and hampered town planning has resulted in the inadequate supply of readily available serviced erven for residential and commercial use.

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This situation has presented a serious challenge to the leadership of the town of Rundu as the residents have taken it upon themselves to set up informal settlements. The informal nature of these settlements has meant that these areas are not provided with the basic service infrastructure in terms of water, sewer, electricity and roads. In an effort to address this situation and to restore dignity to its residents the Rundu Town Council has resolved to formalise a number of informal settlements within the town of Rundu.

The major components involved in this project are the improvement of and additional water supply, sewerage, electricity, roads and waste management services for the residents.

Position Held: Lead Environmental Assessment Practitioner

Activities Performed: Site Investigation and Analysis, Public Consultation, Impact Analysis. Mitigation Formulation, Scoping Report, Environmental Management Plan, Application for Environmental Clearance Certificate (ECC).

Project Name **Environmental Impact Assessment and Environmental Management Plan (EMP) for the Township Establishment of Omdel Extension 7 and Hentiesbaai Extension 9.**

Date: August 2015

Location: Henties Bay, Erongo Region,

Client: Municipality of Henties Bay

Main Project Features: Henties Bay is located on the west coast of Namibia. The town of Henties Bay is experiencing a major backlog in the provision of decent low-income housing with relevant urban infrastructure services for the poor. It has therefore become high priority for the municipal council to subdivide the Remainder of the Hentiesbaai Townlands into Portion A and Remainder to be able to provide additional erven on Proposed Portion A.

This will assist the Municipality in addressing the increasing influx and immigration of residents and households falling within the lower income population sector and to provide them with services such as water, sewerage, electricity, roads and waste management. Major components involved are the improvement of and

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additional water supply, sewerage and waste management services for the residents

Position Held: Lead Environmental Assessment Practitioner

Activities Performed: Site Investigation and Analysis, Public Consultation, Impact Analysis. Mitigation Formulation, Scoping Report, Environmental Management Plan, Application for Environmental Clearance Certificate (ECC).

Project Name **Environmental Impact Assessment and Environmental Management Plan (EMP) for the Construction of the Helao Nafidi Private Hospital.**

Date: April 2016

Location: Helao Nafidi, Ohangwena Region,

Client: Chloe Investments (Dr Linda Nangombe)

Main Project Features: As one of the major centres of the Ohangwena Region linked to the imminent growth, both at regional and local level, and also recognising the strategic location of the Helao Nafidi Town a need was identified to expand access to health facilities especially private ones to augment the state facilities and cope with the growing demand.

Position Held: Lead Environmental Assessment Practitioner

Activities Performed: Site Investigation and Analysis, Public Consultation, Impact Analysis. Mitigation Formulation, Scoping Report, Environmental Management Plan, Application for Environmental Clearance Certificate (ECC).

Project Name **Environmental Impact Assessment and Environmental Management Plan (EMP) for the Township Establishment of Omulunga Extension 9.**

Date: February 2017

Location: Grootfontein, Otjozondjupa Region,

Client: NCCS Investments Holdings

Main Project Features: Being a large centre and growth point in the region, there is pressure on the Grootfontein local authority to provide basic services such as housing, water, sanitation and energy. In order to speed up the delivery of land under its control, the municipality has resolved to conclude a development agreement with private

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developers in terms of which funding is sourced and bulk infrastructure services is installed, this allows for a joint marketing and sales of properties to the general populace

Position Held: Lead Environmental Assessment Practitioner

Activities Performed: Site Investigation and Analysis, Public Consultation, Impact Analysis. Mitigation Formulation, Scoping Report, Environmental Management Plan, Application for Environmental Clearance Certificate (ECC).

Project Name **Environmental Management Plan (EMP) for the Proposed New Fuel Retail Facility in Otjinene.**

Date: May 2018

Location: Otjinene, Omaheke Region,

Client: Putwavanga Investments cc

Main Project Features: Putwavanga Investments cc intends to develop and operate a fuel service station at the village of Otjinene in the Omaheke Region, the development will be known as Okarokape Service Station

Position Held: Lead Environmental Assessment Practitioner

Activities Performed: Site Investigation and Analysis, Impact Analysis. Mitigation Formulation, Environmental Management Plan, Application for Environmental Clearance Certificate (ECC).

Project Name **Environmental Impact Assessment and Environmental Management Plan (EMP) for the Day Hospital on Erf 53, Mariental.**

Date: November 2018

Location: Mariental, Hardap Region,

Client: Mariental Medical Practise

Main Project Features: Mariental Medical Practice, the proponent, currently operates a medical practice in the town. They have identified an opportunity to extend the medical services available to the Mariental community and surrounds by developing a 12 bed day hospital on Erf 53 Mariental

Position Held: Lead Environmental Assessment Practitioner

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Activities Performed: Site Investigation and Analysis, Public Consultation, Impact Analysis. Mitigation Formulation, Scoping Report, Environmental Management Plan, Application for Environmental Clearance Certificate (ECC).

Project Name **Environmental Impact Assessment and Environmental Management Plan (EMP) for the Proposed Etaka Recreational Centre.**

Date: January 2019

Location: Etaka, Omusati Region,

Client: Office of the Vice President: Veteran Affairs

Main Project Features: The Office of the Vice-President: Veterans Affairs, has identified an opportunity to construct a recreational facility and tourism resort at Etaka, in the Omusati Region of Namibia. The project site is located next to the Etaka Dam in the Epalela section of Onesi Constituency. The proceeds from the facilities will mainly benefit the war veterans through the Veterans Fund, however they will not be for the exclusive use of veterans but will attract and be open for use to the general public.

Position Held: Lead Environmental Assessment Practitioner

Activities Performed: Site Investigation and Analysis, Public Consultation, Impact Analysis. Mitigation Formulation, Scoping Report, Environmental Management Plan, Application for Environmental Clearance Certificate (ECC).

Project Name **Environmental Impact Assessment and Environmental Management Plan (EMP) for Bachmus Oil and Fuel Supplies, Walvis Bay.**

Date: April 2019

Location: Walvis Bay, Erongo Region,

Client: Engen Namibia (Pty) Ltd

Main Project Features: Bachmus Oil and Fuel Supplies is a supplier of a variety of oil and fuel products for marine and industrial uses. The site is located along Circumferential Road in the Walvis Bay industrial area. Their product categories include: automotive lubricants, industrial lubricants, marine lubricants, and wholesale diesel. Diesel is sourced from Engen Namibia (Pty) Ltd and stored in tanks of various sizes i.e. 23m³, 83m³, and 44.5m³ with a combined capacity of approximately 150,500 litres.

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Position Held: Lead Environmental Assessment Practitioner

Activities Performed: Site Investigation and Analysis, Public Consultation, Impact Analysis. Mitigation Formulation, Scoping Report, Environmental Management Plan, Application for Environmental Clearance Certificate (ECC).

Project Name **Environmental Impact Assessment and Environmental Management Plan (EMP) for the Township Establishment on Portion 143 of Gobabis Town and Townlands No. 114, Nossobville, Gobabis.**

Date: September 2020

Location: Gobabis, Omaheke Region,

Client: Kanduu Designing and Construction

Main Project Features: Gobabis is the capital of the Omaheke Region, and is situated approximately 200 kilometers from the capital city Windhoek. As the gateway to Botswana and Namibia's major trading partner South Africa, Gobabis' location along the Trans-Kalahari Corridor serves it well, as goods transported from the mines in Botswana to the port of Walvis Bay and those transiting through Botswana from South Africa contribute greatly to the growth of the town. The town lies approximately 110 kilometers from the Buitepos border post. Agriculture is one of the main sources of income in the Omaheke Region.

The above has led to Gobabis becoming a growth point in the region, and resultantly putting pressure on the local authority to provide basic services such as housing, water, sanitation and energy. The Municipality has resolved to allocate Portion 143 of Gobabis Townlands No. 114 to Kanduu Designing and Construction CC for the establishment of a township

Position Held: Lead Environmental Assessment Practitioner

Activities Performed: Site Investigation and Analysis, Public Consultation, Impact Analysis. Mitigation Formulation, Scoping Report, Environmental Management Plan, Application for Environmental Clearance Certificate (ECC).

Project Name **Environmental Impact Assessment and Environmental Management Plan (EMP) for an**

SELECTED ASSIGNMENTS**18MW Solar Power Plant on Lease 16 of Farm 38, Walvis Bay.**

Date: December 2020
Location: Walvis Bay, Erongo Region,
Client: Euarestos Asset Management

Main Project Features: Namibia is regarded as a net exporter of electricity, local electricity generation is derived from hydropower, coal and diesel burning power stations; however, this is not enough to meet local demand necessitating the country to source the balance, amounting to more than 60%, from other countries within the Southern African region such as Zambia, South Africa, Zimbabwe and Mozambique; of which South Africa's contribution is dominant at 53%.

Despite the current situation, the energy consumption in Namibia follows an upward trajectory because of the unavoidable dependency of national development on the availability, supply, demand and use of energy. Namibia will thus have to develop, as a matter of urgency, its own capacity to generate electricity.

It is against this background that Euarestos Asset Management, the proponent, has embarked on this opportunity to contribute towards energy self-sufficiency and efficiency by constructing an 18MW Solar Power Plant at Farm 38 in town of Walvis Bay in the Erongo Region.

Position Held: Lead Environmental Assessment Practitioner

Activities Performed: Site Investigation and Analysis, Public Consultation, Impact Analysis. Mitigation Formulation, Scoping Report, Environmental Management Plan, Application for Environmental Clearance Certificate (ECC).

Project Name Environmental Monitoring and Evaluation for Whale Rock Cement, Otjiwarongo.

Date: June 2020 - Present
Location: Otjiwarongo, Otjozondjupa Region,
Client: Whale Rock Cement (Pty) Ltd

Main Project Features: Whale Rock Cement (Pty) Ltd (WRC) owns and operates a cement production facility on Farm Cleveland situated approximately 3.3 km north of the town of Otjiwarongo. For its clinker production, the cement plant

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is supported with raw material from a limestone quarry and a clay quarry, about 1.2 km away under the Mining License (ML) No. 146. In compliance with the legal requirements WRC has obtained an Environmental Clearance Certificate (ECC) for their operations.

The ECC contains conditions that have to be adhered to during the period of its validity; in particular it calls for regular environmental monitoring and evaluations on environmental performance to be conducted, as well as the setting and monitoring of targets for improvement. We are under contract to provide these services to WRC on a continuous basis.

Position Held: Lead Environmental Assessment Practitioner

Activities Performed: Monitoring and Evaluations; Mitigation Formulation, Monitoring Reports, Submission of Biannual Reports to Ministry of Environment, Forestry and Tourism.

Project Name **Environmental Impact Assessment and Environmental Management Plan (EMP) for the Karibib Aggregate Processing Plant, Karibib.**

Date: May 2021

Location: Karibib, Erongo Region,

Client: Southern Africa Railways

Main Project Features: Southern Africa Railway (Pty) Ltd (SAR) owns and operates an aggregate processing plant situated on ERF 1501, Extension 6, Karibib. SAR has a contract to supply railway ballasts for the Upgrading of the Railway line between Walvis Bay and Krantzberg. The production of the railway ballast takes place at the SAR plant located in Karibib. The raw material consists of crushed stone which is obtained from the Navachab gold mine that is located approximately 6 km from the plant.

Position Held: Lead Environmental Assessment Practitioner

Activities Performed: Site Investigation and Analysis, Public Consultation, Impact Analysis. Mitigation Formulation, Scoping Report, Environmental Management Plan, Application for Environmental Clearance Certificate (ECC).

E-mail: colin@environam.com, **Tel No.:** +264 (0) 61 258 470, Cell: +264 (0) 81 458 4297

Certification:

I, the undersigned, certify that to the best of my knowledge and belief, this CV correctly describes myself, my qualifications, and my experience, and I am available to undertake the assignment in case of an award.



Signature

NAME OF CONSULTANT : **Mize Shippiki**
PROFESSION : **Environmental Practitioner /
Principal Hydrogeologist**
DATE OF BIRTH : **13 October 1976**
NATIONALITY : **Namibian**

KEY QUALIFICATIONS

Mr Shippiki a fully qualified Namibian Hydrogeologist with an Honors degree in Hydrogeology obtained from the University of the Free State. He is a self-motivated University graduate who has gained over 18 years experience in the Namibian water, and environmental industries. He has excellent experience and knowledge in groundwater exploration, resource evaluation, urban and rural water supply, groundwater management, monitoring and evaluation of groundwater pollution and hydrochemistry.

Mr Shippiki's experience in the groundwater field has been gained from various projects ranging from water supply projects to aquifer evaluation studies. He has successfully sited, rehabilitated and drilled over 200 boreholes in various regions of Namibia for various rural water supply projects, MAAF, NamWater, various local and regional authorities. He took part in the 2002 - '03, 2013 - '14 and 2015 - '16 Drought Relief Programmes in Namibia. He has extensive experience in Project management and complete preparation of environmental impact assessments (EIAs), environmental management plans (EMPs) and related works.

EDUCATION

2020 M.Sc Environmental Management (*Candidate*)
University of the Free State

2002 : B.Sc. (Hons.) Geohydrology
University of the Free State

2000 : B.Sc Physics and Chemistry
University of Namibia

EMPLOYMENT RECORD

June 2011 till now : ***Matrix Consulting Services***
Principal Hydrogeologist / Environmental Practitioner
 Project management, exploration and drilling of groundwater resources, including aquifer testing. Supervision and approval of the quality and progress of the drilling and testing contractors' activities. This includes borehole positioning, drilling, casing, development and pumping test of water supply and environmental monitoring holes.

Hydrogeological baseline studies and groundwater monitoring. Water quality sampling, quality control and interpretation of resultant data. Analysis and interpretation of geophysical, water quality, geological and pumping test data.

Project management and assessment of subsurface hydrocarbon contaminations. Numerous groundwater pollution investigations, monitoring and preparation of factual environmental conditions reports.

Project management and complete preparation of environmental

impact assessments (EIAs), environmental management plans (EMPs) and related works, of which most were related to fuel facilities, township developments, road developments, landfill developments, bulk water supply pipelines, mineral and oil/gas exploration, chemical warehouses and hotels. This also includes undertaking the hydrogeological components of various (EIAs) and implementation of EMPs.

2006 –June 2011

: ***Geo Pollution Technologies (Pty) Ltd***
Senior Hydrogeologist/ Environmental Practitioner

Project management, exploration and drilling of groundwater resources, including aquifer testing. Analysis of borehole and aquifer parameters for construction and management purposes. Subsurface pollution investigations and remediation thereof.

Project management and complete preparation of environmental impact assessments, environmental management plans and related work.

2003-2006

: ***Water Sciences Cc***
Hydrogeologist

Groundwater exploration and drilling, including aquifer testing. Project management and preparation of numerous environmental impact assessments, of which a large number were related to water resources, petroleum and mining industries.

2008

: ***University of Namibia (Department of Chemistry /Physics)***
Chemist/Laboratory Technician

PROFESSIONAL SOCIETY AFFILIATION:

Namibian Hydrogeological Association (NHA)

AREAS OF EXPERTISE

Knowledge and expertise in:

- ◆ environmental impact assessments
- ◆ groundwater monitoring
- ◆ project management
- ◆ hydrocensus
- ◆ hydrogeological data evaluation and interpretation
- ◆ groundwater exploration and resource evaluation
- ◆ geophysical interpretations
- ◆ urban and rural water supply
- ◆ groundwater management
- ◆ borehole siting, drilling and test pumping supervision for groundwater projects
- ◆ aquifer testing
- ◆ test-pumping analysis on aquifers
- ◆ monitoring and evaluation of groundwater pollution
- ◆ hydrochemistry studie

PROJECT EXPERIENCE:

| CLIENT | PROJECT |
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| Mariental Municipality / Ministry of Agriculture, Water and Land Reform (MAWLR) | Environmental Impact Assessment (Including Environmental Management Plan) for the proposed establishment of a Flexible Land Tenure Scheme for Donkerhoek (Erven 1205-1270 Aimablaagte), Ombili (Erven 1150-1190 Aimablaagte), Takarania (Erven 240-504 Empelheim Extension 4, and Empelheim Extension 5 township developments in Mariental, Hardap Region. Compilation of a Groundwater specialist study for the development. |
| Luderitz Town Council / Ministry of Agriculture, Water and Land Reform (MAWLR) | Environmental Impact Assessment (Including Environmental Management Plan) for the proposed establishment of a Flexible Land Tenure Scheme for Area 7, Erf 2055 Extension 3 Benguela, Nautilus Extension 3, Nautilus Extension 4, and Nautilus Extension 5 township developments in Luderitz, //Kharas Region. Compilation of a Groundwater specialist study for the development. |
| City of Windhoek | Environmental Impact Assessment (Including Groundwater specialist study for the development) for the proposed Venus Proper & Venus Ext 1-4 Township development in Windhoek. |
| City of Windhoek | Environmental Impact Assessment (Including Groundwater specialist study for the development) for the proposed Khomasdal Ext 17-18 & ERF 2131 Township development in Windhoek. |
| City of Windhoek | Groundwater pollution monitoring of the City of Windhoek boreholes. Period 2021-2022. |
| Aussenkehr Farms (Pty) Ltd | Environmental and socio-economic Impact assessment, (including an Environmental Management Plan) proposed access roads on Portions 193 and 220, and Subdivision of Portion 201, in Aussenkehr. |
| Namibia Airports Company (Pty) Ltd | Wildlife and Hazard Assessment at Hosea Kutako international Airport, Eros Airport and Andimba Toivo Ya Toivo Airport. |
| Vivo Energy Namibia (Pty) Ltd | Environmental Scoping Assessment, (including an Environmental Management Plan) for the proposed upgrades and continued operation of the existing Hombe Engen fuel retail facility in Divundu, Kavango East Region. |
| Total Namibia (Pty) Ltd | Environmental Scoping Assessment, (including an Environmental Management Plan) for the proposed upgrades and continued operation of the existing Gerry's Motors fuel retail facility at Onyaanya, Oshikoto Region. |
| Infinity Nature Holdings Pty (Ltd) | Environmental and socio-economic Impact assessment, (including an Environmental Management Plan) proposed luxury Safari House, Cottage and Glamping Camp Units on farm Shangri-la no. 190, Hardap Region. |
| Hammerstein Constructions Cc | Environmental and socio-economic Impact assessment, (including an Environmental Management Plan) proposed construction of a new fuel retail facility at solitaire, Khomas Region. |
| Hammerstein Lodge Cc | Environmental and socio-economic Impact assessment, (including an |

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| | Environmental Management Plan) proposed upgrade of the existing Hammerstein Lodge on farm Hammerstein no.102, Hardap Region. |
| We Kebi Safari Lodge Cc | Environmental and socio-economic Impact assessment, (including an Environmental Management Plan) proposed new We Kebi Safari Lodge on farm Hammerstein no.108, Hardap Region |
| Desert Hills Lodge | Environmental and socio-economic Impact assessment, (including an Environmental Management Plan) proposed new Desert Hills Lodge & Glamping Tented Camp on farm Hebron no.136, Hardap Region |
| Vivo Energy Namibia (Pty) Ltd | Environmental Scoping Assessment, (including an Environmental Management Plan) for the proposed upgrades and continued operations of the existing Agra Karasburg, Agra Aranos, Agra Keetmanshoop, Agra Okahandja, Agra Grootfontein, Agra Tsumeb, Agra Gobabis, Agra Karibib, Agra Omaruru and Agra Opuwo Service Stations, in Namibia. |
| Easysshop Supermarkets Cc | Environmental and socio-economic Impact assessment, (including an Environmental Management Plan) for the proposed new Aussenkehr Service Station, in Aussenkehr. |
| Adcon Cc | Environmental and socio-economic Impact assessment, (including an Environmental Management Plan) for the proposed new Adcon Consumer Fuel Facility at Brakwater (Windhoek). |
| Henties Bay Municipality | Environmental and socio-economic Impact assessment, (including an Environmental Management Plan) for the existing sand mining operations in Henties Bay, Erongo Region. |
| Henties Bay Municipality | Environmental and socio-economic Impact assessment, (including an Environmental Management Plan) for the existing waste disposal site in Henties Bay, Erongo Region. |
| Desert Spirit Trust | Environmental and socio-economic Impact assessment, (including an Environmental Management Plan) for the proposed new Aroab Service Station, in Aroab. |
| Midway Convenience Store Cc | Environmental Management Plan for the proposed fuel storage alterations and upgrade of the existing Midway Service Station, in Otjiwarongo. |
| Otjiwarongo Service Station Cc | Environmental Management Plan for the proposed fuel storage alterations and upgrade of the existing Otjiwarongo Service Station, in Otjiwarongo. |
| Eagle Focus Investments Cc | Environmental and socio-economic Impact assessment, (including an Environmental Management Plan) for the proposed Gobabis Extension 3 (Ongulumbashe) Township Development, in Gobabis. |
| Kaza-Kongola Trading Cc | Environmental Management Plan for the proposed fuel storage alterations and upgrade of the existing Kongola Service Station, in Kongola. |
| Waterberg Investments (Pty) Ltd | Environmental and socio-economic Impact assessment, (including an Environmental Management Plan) for the proposed new Valley View Service Station, in Khomasdal (Windhoek). |
| Mensah Service Station Cc | Environmental and socio-economic Impact assessment, (including an Environmental Management Plan) for the proposed new Mensah Service Station, in Kalkrand. |

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| Ritta Khiba Planning Consultants Cc | Environmental and socio-economic Impact assessment, (including an Environmental Management Plan) for the proposed Emmarentia Township Development, in Windhoek. |
| Ozondati Investments Cc | Environmental and socio-economic Impact assessment, (including an Environmental Management Plan) for the proposed new Omatjete Service Station, in Omatjete. |
| Africa Today Building Enterprise Cc | Environmental and socio-economic Impact assessment, (including an Environmental Management Plan) for the proposed new Oshifo Service Station, in Oshifo. |
| Vantage Investments Cc | Environmental and socio-economic Impact assessment, (including an Environmental Management Plan) for the proposed new Epako Service Station, in Epako (Gobabis). |
| Eljota Investments (Pty) Ltd | Environmental and socio-economic Impact assessment, (including an Environmental Management Plan) for the proposed new Eljota Service Station, in Gibeon. |
| Erongo Food Products (Pty) Ltd | Environmental and socio-economic Impact assessment, (including an Environmental Management Plan) for the proposed new Erongo Foods Service Station, in Outjo. |
| Legend Rock Trading Cc | Environmental and socio-economic Impact assessment, (including an Environmental Management Plan) for the proposed new Okomukaru Service Station, in Okomukaru (Omaheke Region). |
| Otjimbahu Investments Cc | Environmental and socio-economic Impact assessment, (including an Environmental Management Plan) for the proposed new Helena Service Centre, in Helena (Omaheke Region). |
| Meteorite Truck Port & Rest Stop Cc | Environmental and socio-economic Impact assessment, (including an Environmental Management Plan) for the proposed new Meteorite Truck Port & Rest Stop fuel retail facility, in Grootfontein. |
| Eenhana Service Station Cc | Environmental and socio-economic Impact assessment, (including an Environmental Management Plan) for the proposed new Eenhana Service Station, at Eenhana. |
| Uukwangula Service Station Cc | Environmental and socio-economic Impact assessment, (including an Environmental Management Plan) for the proposed new Uukwangula Service Station, at Uukwangula. |
| Vivo Energy Namibia (Pty) Ltd | Environmental and socio-economic Impact assessment, (including an Environmental Management Plan) for the proposed new Mariental Shell Service Station, in Mariental. |
| Nampower / Mott Macdonald | Environmental Fatal Flaws, for proposed Solar PV Plants at Omburu, Auas, Kokerboom and Otjikoto. |
| Namibia Wildlife Resort | Environmental Management Plan (EMP), for proposed operations of the existing NWR Duwisib Castle, in Hardap Region. |
| Namibia Wildlife Resort | Environmental Management Plan (EMP), for proposed upgrade and operations of the existing NWR Naukluft Camp site, in Hardap Region. |
| Namibia Wildlife Resort | Environmental Management Plan (EMP), for proposed upgrade and operations of the existing NWR Hobas Camp site, in Karas Region. |
| Karibib Town Council | Feasibility Study on the rehabilitation of the Karibib Town Council boreholes, and alternative water supply. |
| Municipality of Swakopmund | Environmental and socio-economic Impact assessment, (including an |

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| | Environmental Management Plan) for the proposed rezoning and subdivision of Block 23, Matutura (portion 5 of Swakopmund Townlands of no. 41, in Swakopmund. |
| Namdeb / Oranjemund Town Council | Environmental and socio-economic Impact assessment, (including an Environmental Management Plan) for the proposed new Oranjemund Solid Waste Landfill site, in Oranjemund. |
| Chigama Architects | Environmental and Social Management Plan (ESMP), for the construction of the proposed Soweto Medical Centre in Windhoek, in Khomas Region. |
| Chigama Architects | Environmental and Social Management Plan (ESMP), for the construction of the proposed Windhoek Palm Lodge in Windhoek, in Khomas Region. |
| Broll Namibia | Environmental Management Plan (EMP), for the proposed Phase 4 upgrade on the existing Wernhil Park Shopping Mall in Windhoek, in Khomas Region. |
| Omaheke Regional Council | Environmental and socio-economic Impact assessment, (including an Environmental Management Plan) for the proposed new Epukiro landfill, in Epukiro. |
| Omaheke Regional Council | Environmental Management Plan (EMP), for the existing Epukiro Oxidation Ponds, in Epukiro. |
| Omaheke Regional Council | Environmental Management Plan (EMP), for the existing Epukiro Cemetery, in Epukiro. |
| Metdecci Energy Investment (Pty) Ltd | Environmental and socio-economic Impact assessment, for the proposed Solar Plants in Otavi, Tsumeb and Grootfontein. |
| First Capital Treasury Solutions (Pty) Ltd | Environmental and socio-economic Impact assessment, (including an Environmental Management Plan) for the proposed Bukalo Academy and University Campus development, in Zambezi region. |
| Metdecci Energy Investment (Pty) Ltd | Environmental and socio-economic Impact assessment, (including an Environmental Management Plan) for the proposed 5MW Solar Plant in Karibib, in Erongo region. |
| Vivo Energy Namibia (Pty) Ltd | Environmental Conditions Assessment (Environmental Due Diligence), Hakahana Service Station in Windhoek (Including Soil sampling and Soil vapour survey). Compilation of Health and Safety Plan (HASP), Job Safety Analysis (JSA) and Environmental Management Plan (EMP) |
| Puma Energy Namibia (Pty) Ltd | Environmental Conditions Assessment (Environmental Due Diligence), Puma Tren Tyre Service Station in Otjiwarongo (Including Soil sampling and Soil vapour survey). Compilation of Health and Safety Plan (HASP), Job Safety Analysis (JSA) and Environmental Management Plan (EMP) |
| Total Namibia (Pty) Ltd | Environmental Conditions Assessment (Environmental Due Diligence), Karasburg Total Service Station in Karasburg (Including Tank pit screening, Soil sampling and Soil vapour survey). Compilation of Health and Safety Plan (HASP), Job Safety Analysis (JSA) and Environmental Management Plan (EMP) |

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| Total Namibia (Pty) Ltd | <p>Environmental Conditions Assessment (Environmental Due Diligence), Supa Quick Service Station in Windhoek (Including Tank pit screening, Soil sampling and Soil vapour survey).</p> <p>Compilation of Health and Safety Plan (HASP), Job Safety Analysis (JSA) and Environmental Management Plan (EMP)</p> |
| Total Namibia (Pty) Ltd | <p>Environmental Conditions Assessment (Environmental Due Diligence), Eastgate Service Station at Buitepos (Including Tank pit screening, Soil sampling and Soil vapour survey).</p> <p>Compilation of Health and Safety Plan (HASP), Job Safety Analysis (JSA) and Environmental Management Plan (EMP)</p> |
| Total Namibia (Pty) Ltd | <p>Hydrocarbon Pollution Investigations, Total Fuel Depot in Windhoek (Including Soil Vapour Survey, groundwater monitoring).</p> <p>Compilation of Health and Safety Plan (HASP), Job Safety Analysis (JSA) and Environmental Management Plan (EMP)</p> |
| Total Namibia (Pty) Ltd | <p>Hydrocarbon Pollution Investigations, Total Fuel Depot in Walvis Bay (Including Soil Vapour Survey, groundwater monitoring).</p> <p>Compilation of Health and Safety Plan (HASP), Job Safety Analysis (JSA) and Environmental Management Plan (EMP)</p> |
| Total Namibia (Pty) Ltd | <p>Hydrocarbon Pollution Investigations, Total Fuel Depot in Otavi (Including Soil Vapour Survey, groundwater monitoring).</p> <p>Compilation of Health and Safety Plan (HASP), Job Safety Analysis (JSA) and Environmental Management Plan (EMP)</p> |
| Total Namibia (Pty) Ltd | <p>Hydrocarbon Pollution Investigations, Total Fuel Depot in Gobabis (Including Soil Vapour Survey, groundwater monitoring).</p> <p>Compilation of Health and Safety Plan (HASP), Job Safety Analysis (JSA) and Environmental Management Plan (EMP)</p> |
| Chevron Namibia (Pty) Ltd | <p>Environmental Conditions Assessment, Chevron Fuel Depot in Walvis Bay (i.e. Monitoring groundwater pollution levels at the site, and free product Lnapl thickness in the subsurface).</p> <p>Compilation of Health and Safety Plan (HASP), Job Safety Analysis (JSA) and Environmental Management Plan (EMP)</p> |
| Chevron Namibia (Pty) Ltd | <p>Hydrocarbon Pollution Investigations, Shali Garage at Oshivelo (Including tank pit screening).</p> <p>Compilation of Health and Safety Plan (HASP), Job Safety Analysis (JSA) and Environmental Management Plan (EMP).</p> |
| Chevron Namibia (Pty) Ltd | <p>Hydrocarbon Pollution Investigations, Karasburg Service Station in Karasburg (Including tank pit screening).</p> <p>Compilation of Health and Safety Plan (HASP), Job Safety Analysis (JSA) and Environmental Management Plan (EMP).</p> |
| Chevron Namibia (Pty) Ltd | <p>Hydrocarbon Pollution Investigations, Martins Garage in Tsumeb</p> |

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| | <p>(Including Soil Vapour Survey, groundwater monitoring).</p> <p>Compilation of Health and Safety Plan (HASP), Job Safety Analysis (JSA) and Environmental Management Plan (EMP).</p> |
| Engen Namibia (Pty) Ltd | Hydrocarbon Pollution Investigations, Engen Fuel Depot in Windhoek (Including Soil Vapour Survey, groundwater monitoring). |
| Engen Namibia (Pty) Ltd | Hydrocarbon Pollution Investigations, Okakarara Service Station in Okakarara (Including Soil Vapour Survey, bioremediation site installation). |
| | Compilation of Health and Safety Plan (HASP), Job Safety Analysis (JSA) and Environmental Management Plan (EMP). |
| Engen Namibia (Pty) Ltd | Hydrocarbon Pollution Investigations, Jakaranda Service Station in Otjiwarongo (Including Soil Vapour Survey, groundwater monitoring). |
| | Compilation of Health and Safety Plan (HASP), Job Safety Analysis (JSA) and Environmental Management Plan (EMP). |
| Engen Namibia (Pty) Ltd | Hydrocarbon Pollution Investigations, Academia Service Station in Windhoek (Including Soil Vapour Survey, tank pit screening). |
| | Compilation of Health and Safety Plan (HASP), Job Safety Analysis (JSA) and Environmental Management Plan (EMP). |
| Namibia Diamond Corporation (Namdeb) | Hydrocarbon Pollution Investigations, MA1 at Oranjemund (Including Soil Vapour Survey, bioremediation site installation). |
| | Compilation of Health and Safety Plan (HASP), Job Safety Analysis (JSA) and Environmental Management Plan (EMP). |
| BP Namibia (Pty) Ltd | Hydrocarbon Pollution Investigations, BP Fuel Depot in Otjiwarongo (Including Soil Vapour Survey, groundwater monitoring). |
| | Compilation of Health and Safety Plan (HASP), Job Safety Analysis (JSA) and Environmental Management Plan (EMP). |
| Engen Namibia (Pty) Ltd | Hydrocarbon Pollution Investigations, Narraville Service Station in Walvis Bay (Including Soil Vapour Survey, groundwater monitoring). |
| | Compilation of Health and Safety Plan (HASP), Job Safety Analysis (JSA) and Environmental Management Plan (EMP). |
| Shell Namibia (Pty) Ltd | Hydrocarbon Pollution Investigations, Omega Service Station in Walvis Bay (Including Soil Vapour Survey, groundwater monitoring). |
| | Compilation of Health and Safety Plan (HASP), Job Safety Analysis (JSA) and Environmental Management Plan (EMP). |
| Shell Namibia (Pty) Ltd | Hydrocarbon Pollution Investigations, Nabta Service Station in |

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| | <p>Windhoek (Including Soil Vapour Survey, tank pit screening).</p> <p>Compilation of Health and Safety Plan (HASP), Job Safety Analysis (JSA) and Environmental Management Plan (EMP).</p> |
| Chevron Namibia (Pty) Ltd | <p>Hydrocarbon Pollution Investigations, Express Service Station in Walvis Bay (Including Soil Vapour Survey, groundwater monitoring).</p> <p>Compilation of Health and Safety Plan (HASP), Job Safety Analysis (JSA) and Environmental Management Plan (EMP).</p> |
| Chevron Namibia (Pty) Ltd | <p>Hydrocarbon Pollution Investigations, Prestige Service Station in Windhoek (Including Soil Vapour Survey, groundwater monitoring).</p> <p>Compilation of Health and Safety Plan (HASP), Job Safety Analysis (JSA) and Environmental Management Plan (EMP).</p> |
| Chevron Namibia (Pty) Ltd | <p>Hydrocarbon Pollution Investigations, Hakahana Service Station in Windhoek (Including Soil Vapour Survey, groundwater monitoring).</p> <p>Compilation of Health and Safety Plan (HASP), Job Safety Analysis (JSA) and Environmental Management Plan (EMP).</p> |
| Engen Namibia (Pty) Ltd | <p>Hydrocarbon Pollution Investigations, Klingenberg Service Station in Windhoek (Including Soil Vapour Survey, groundwater monitoring).</p> <p>Compilation of Health and Safety Plan (HASP), Job Safety Analysis (JSA) and Environmental Management Plan (EMP).</p> |
| Engen Namibia (Pty) Ltd | <p>Hydrocarbon Pollution Investigations, Jan Jonker Service Station in Windhoek (Including Soil Vapour Survey) Public Participation).</p> <p>Compilation of Health and Safety Plan (HASP), Job Safety Analysis (JSA) and Environmental Management Plan (EMP).</p> |
| Engen Namibia (Pty) Ltd | <p>Hydrocarbon Pollution Investigations, Theatre Service Station in Windhoek (Including Soil Vapour Survey, groundwater monitoring).</p> <p>Compilation of Health and Safety Plan (HASP), Job Safety Analysis (JSA) and Environmental Management Plan (EMP).</p> |
| BP Namibia (Pty) Ltd | <p>Hydrocarbon Pollution Investigations, BP Fuel Depot in Gobabis (Including Soil Vapour Survey).</p> <p>Compilation of Health and Safety Plan (HASP), Job Safety Analysis (JSA) and Environmental Management Plan (EMP).</p> |

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| BP Namibia (Pty) Ltd | <p>Hydrocarbon Pollution Investigations, BP Fuel Depot in Keetmanshoop (Including Soil Vapour Survey).</p> <p>Compilation of Health and Safety Plan (HASP), Job Safety Analysis (JSA) and Environmental Management Plan (EMP).</p> |
| Shell Namibia (Pty) Ltd | <p>Hydrocarbon Pollution Investigations, Shell Fuel Depot in Windhoek (Including Soil Vapour Survey, groundwater monitoring).</p> <p>Compilation of Health and Safety Plan (HASP), Job Safety Analysis (JSA) and Environmental Management Plan (EMP).</p> |
| Shell Namibia (Pty) Ltd | <p>Hydrocarbon Pollution Investigations, Shell Fuel Depot in Walvis Bay (Including Soil Vapour Survey, groundwater monitoring).</p> |
| Shell Namibia (Pty) Ltd | <p>Hydrocarbon Pollution Investigations, Shell Fuel Depot in Tsumeb (Including Soil Vapour Survey, groundwater monitoring).</p> <p>Compilation of Health and Safety Plan (HASP), Job Safety Analysis (JSA) and Environmental Management Plan (EMP).</p> |
| Shell Namibia (Pty) Ltd | <p>Hydrocarbon Pollution Investigations, Shell Fuel Depot in Grootfontein (Including Soil Vapour Survey, groundwater monitoring).</p> |
| Shell Namibia (Pty) Ltd | <p>Walvis Bay Airport Shell Fuel Depot - Hydrocarbon Pollution Investigation (Including Soil Vapour Survey, groundwater monitoring).</p> <p>Compilation of Health and Safety Plan (HASP), Job Safety Analysis (JSA) and Environmental Management Plan (EMP).</p> |
| Shell Namibia (Pty) Ltd | <p>Luderitz Airport Shell Fuel Depot - Hydrocarbon Pollution Investigation (Including Soil Vapour Survey, groundwater monitoring).</p> <p>Compilation of Health and Safety Plan (HASP), Job Safety Analysis (JSA) and Environmental Management Plan (EMP).</p> |
| Shell Namibia (Pty) Ltd | <p>Oranjemund Airport Shell Fuel Depot - Hydrocarbon Pollution Investigation (Including Soil Vapour Survey, groundwater monitoring).</p> <p>Compilation of Health and Safety Plan (HASP), Job Safety Analysis (JSA) and Environmental Management Plan (EMP).</p> |
| Shell Namibia (Pty) Ltd | <p>Hydrocarbon Pollution Investigations, Croesers Service Station in Windhoek (Including Soil Vapour Survey, groundwater monitoring).</p> |
| BP Namibia (Pty) Ltd | <p>Hydrocarbon Pollution Investigations, Novel Ford Service Station in Windhoek (Including Soil Vapour Survey, groundwater monitoring).</p> <p>Compilation of Health and Safety Plan (HASP), Job Safety Analysis (JSA) and Environmental Management Plan (EMP).</p> |
| Shell Namibia (Pty) Ltd | <p>Hydrocarbon Pollution Investigations, Okuryangava Service Station in Windhoek (Including Soil Vapour Survey, groundwater monitoring).</p> |

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| | Compilation of Health and Safety Plan (HASP), Job Safety Analysis (JSA) and Environmental Management Plan (EMP). |
| Namibia Airports Company (NAC) | New Fuel Pipeline Corrosivity Study – Hosea Kutako International Airport. |
| Namibia Airports Company (NAC) | Waste Management Study – Hosea Kutako International Airport. |
| Namibia Airports Company (NAC) | Waste Management Study – Rooikop Airport (Walvis Bay International Airport). |
| City of Windhoek | Groundwater specialist study for the development of the Haloid Industrial Township (the old Ramatex Textile Factory) - Windhoek. |
| ASM Investment Cc | Environmental and socio-economic Impact assessment, The proposed FAZ Fuel retail fuel facility at Onathing, in Oshikoto region. |
| Putwavanga Investment Cc | Environmental and socio-economic Impact assessment, The proposed Okarokape Fuel retail fuel facility in Otjinene, in Otjozondjupa region. |
| Mr Renard Hattingh | Environmental and socio-economic Impact assessment, The proposed Divundu Fuel retail fuel facility at Divundu, in Kavango Region. |
| Grinaker-LTA | Water supply for the provision of Road construction MR100 |
| The Roads Authority of Namibia | Professional Services for the provision of Road construction water MR67 |
| City of Windhoek | Groundwater pollution monitoring of the City of Windhoek boreholes. |
| Ministry of Agriculture, Water and Forestry | Siting and Drilling Supervision of 10 (ten) boreholes in the Kunene Region for the Ministry of Lands and Resettlement (MLR). |
| Ministry of Agriculture, Water and Forestry | Siting and Drilling Supervision of 5 (five) boreholes in the Khomas Region for the Ministry of Lands and Resettlement (MLR). |
| Ministry of Agriculture, Water and Forestry | Siting and Drilling Supervision of 6 (six) boreholes in the Caprivi Region for the Directorate of Water Supply and Sanitation Coordination (DWSSC). |
| Ministry of Agriculture, Water and Forestry | Siting and Drilling Supervision of 2 (two) boreholes in the Erongo |

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| | Region for the Directorate of Water Supply and Sanitation Coordination (DWSSC). |
| Ministry of Agriculture, Water and Forestry | Siting and Drilling Supervision of 10 (ten) boreholes in the Omaheke Region for the Office of the Prime-Minister (OPM). |
| Ministry of Agriculture, Water and Forestry | Siting and Drilling Supervision of 15 (fifteen) boreholes in the Kunene Region for the Office of the Prime-Minister (OPM). |
| Ministry of Agriculture, Water and Forestry | Siting and Drilling Supervision of 17 (seventeen) boreholes in the Karas Region for the Directorate of Water Supply and Sanitation Coordination (DWSSC). |
| Ministry of Agriculture, Water and Forestry | Siting and Drilling Supervision of 14 (fourteen) boreholes in the Omusati Region for the Directorate of Water Supply and Sanitation Coordination (DWSSC). |
| Ministry of Agriculture, Water and Forestry | Siting and Drilling Supervision of 13 (thirteen) boreholes in the Oshikoto Region for the Directorate of Water Supply and Sanitation Coordination (DWSSC). |
| Ministry of Agriculture, Water and Forestry | Siting and Drilling Supervision of 13 (thirteen) boreholes in the Otjzondjupa Region for the Directorate of Water Supply and Sanitation Coordination (DWSSC). |
| Ministry of Agriculture, Water and Forestry | Siting and Drilling Supervision of 20 (twenty) boreholes in the Ohangwena Region for the Directorate of Water Supply and Sanitation Coordination (DWSSC). |
| Ministry of Agriculture, Water and Forestry | Siting and Drilling Supervision of 26 (twenty-six) boreholes in the Omaheke Region for the Directorate of Water Supply and Sanitation Coordination (DWSSC). |
| City of Windhoek | Groundwater specialist study for the development of the Health Care Risk Waste facility (HCRW) – Windhoek. |
| City of Windhoek | Groundwater pollution monitoring of the City of Windhoek boreholes (2013 - 2015). |

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| City of Windhoek | Hydrogeological specialist study for the Windhoek Managed Artificial Aquifer Recharge Project. |
| Ino Investment /City of Windhoek. (PPP) | Groundwater specialist study for the development of the Otjomuise Extension 5 Township – Windhoek. |
| City of Windhoek | Hydrogeological specialist study of gas extraction at Kupferberg Landfill Site. |
| City of Windhoek | Environmental and socio-economic Impact assessment, The proposed Rocky Crest Extensions (4-9) Township Development. |
| Ino Investment /City of Windhoek. (PPP) | Environmental and socio-economic Impact assessment, The proposed Otjomuise Extension 5 Township Development. |
| Ark Industries Namibia (Pty) Ltd | Environmental and socio-economic Impact assessment, The proposed Green City Model in Otavi. |
| Olundjinda Mining (Pty) Ltd | Environmental and socio-economic Impact assessment, The proposed Olundjinda Mining exploration, Namib Naukluft, Karas region |
| Broll Namibia (O & L) | Environmental and socio-economic Impact assessment, The proposed Kempinski Strand Hotel, Erongo region. |
| City of Windhoek | Environmental and socio-economic Impact assessment, The proposed Kupferberg Landfill gas extraction, CDM project. |
| Shell Namibia LTD | Environmental Management Plan for the Operations and Decommissioning phase of the Shell Windhoek Fuel depot. |
| Mr Joel Uugulu | Environmental and socio-economic Impact assessment, The proposed Onathinghe Fuel retail fuel facility at Onathinghe, in Oshikoto region. |
| Kanutus Trading | Environmental and socio-economic Impact assessment, The proposed Three Stars Fuel retail fuel facility in Omusati region. |
| Shakalimbo Estates | Environmental and socio-economic Impact assessment, The proposed Onhuno Fuel retail fuel facility in Ohangwena region |

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| St Anslem Orchard Project | Environmental and socio-economic Impact assessment, The proposed St Anslem Orchard Project, Omusati Region. |
| Parsons Brickerhoff Africa (Pty) Ltd | Public Participation for the Environmental and socio-economic Impact assessment, The proposed Health Care Waste Facility in Windhoek. |
| CSG Energy Namibia (Pty) Ltd | Environmental and socio-economic Impact assessment, The proposed Coal Bed Methane exploration drilling at Machita Village, Caprivi Region. |
| CSG Energy Namibia (Pty) Ltd | Environmental and socio-economic Impact assessment, The proposed Coal Bed Methane exploration drilling in the Huab Block, Kunene Region. |
| Salute Trading (Pty) Ltd | Environmental and socio-economic Impact assessment, The proposed Chemical warehouse in Windhoek. |
| Petrotek Namibia (Pty)Ltd | Environmental and socio-economic Impact assessment, The proposed Petrotek Fuel retail fuel facility at HKIA Airport, Windhoek. |
| Shell Namibia Ltd | Environmental and socio-economic Impact assessment, The proposed Lafrenz Fuel retail fuel facility in the northern Industrial area, Windhoek. |
| Sun Square Hotel (Pty) Ltd | Environmental and socio-economic Impact assessment, The proposed 4-star Hotel, in Oshikango |
| Jack Kapolo | Environmental and socio-economic Impact assessment, The proposed Omafo Shell Fuel retail fuel facility in Ohangwena region |
| Wenela Service Station | Environmental and socio-economic Impact assessment, The proposed Wenela Shell Fuel retail fuel facility in Katima Mulilo. |
| Erno Van Wyk | Environmental and socio-economic Impact assessment, The proposed B-One Shell Fuel retail fuel facility in Rehoboth. |
| Marilyn Properties (Pty) Ltd | Environmental and socio-economic Impact assessment, The proposed Ongha Shell Fuel retail fuel facility in Ohangwena Region |
| Shell Namibia Ltd | Environmental and socio-economic Impact assessment, The proposed |

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| | Kaap Agri Shell Fuel retail fuel facility , Rehoboth |
| Frieda Linda Shikangala | Environmental and socio-economic Impact assessment, The proposed Ongha Shell Fuel retail fuel facility in Ohangwena Region |
| JF Nakanwe | Environmental and socio-economic Impact assessment, The proposed Onayena Shell Fuel retail fuel facility in Oshikoto Region |
| Skorpion Zinc Mine | Hydrocarbon pollution investigations /Bioremediation of polluted soil. |
| Petrotek Namibia (Pty)Ltd | Project Management and construction supervision of the proposed Petrotek Fuel retail fuel facility at HKIA Airport, Windhoek. |
| Kings Service Station | Environmental and socio-economic Impact assessment, The proposed Total Fuel retail fuel facility in Oniipa. |
| Kaap Agri | Environmental and socio-economic Impact assessment, The proposed Shell Fuel retail fuel facility in Rehoboth. |
| City of Windhoek | Environmental and socio-economic Impact assessment, The proposed managed aquifer recharge project. |
| Gemini Minerals (Pty) Ltd | Environmental and socio-economic Impact assessment, The proposed Coal Bed Methane exploration drilling , August 26 EPL, Khomas Region. |
| Gemini Minerals (Pty) Ltd | Environmental and socio-economic Impact assessment, The proposed Coal Bed Methane exploration drilling, Fortitude EPL, Khomas Region. |
| UNAM-GKA | Environmental and socio-economic Impact assessment, The proposed New Campus, Keetmanshoop, Khomas Region. |
| NAMIBIA WILDLIFE RESORTS (NWR) | Environmental management plans for Hobas and Naukluft camp, Karas Region |
| Namibia Development Corporation (NDC) | Environmental and socio-economic Impact assessment, The proposed NDC Kalkfeld Fuel retail facility, Kalkfeld. |
| Kobra Investments cc | Environmental and socio-economic Impact assessment, The proposed Oshikuku Fuel retail facility, Oshikuku. |
| Puma Energy Namibia Ltd | Environmental and socio-economic Impact assessment, The proposed Oluzizi Fuel retail facility, Outapi. |

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| Puma Energy Namibia Ltd | Environmental and socio-economic Impact assessment, The proposed Henties Bay Fuel retail facility, Henties Bay. |
| Soft Cloud Investments (Pty) Ltd | Environmental and socio-economic Impact assessment, The proposed Gobabis Fuel retail facility, Gobabis. |
| A & S Entertainment | Environmental and socio-economic Impact assessment, The proposed Ongwediva Fuel retail facility, Ongwediva. |
| Ruacana Town Council | Environmental Management Plans, The existing waste disposal site, Ruacana. |
| Min of Agric, Water and Forestry | Environmental and socio-economic Impact assessment, The proposed Okahao-Itapa pipeline |
| Namibia Diamond Corporation (Namdeb) | Daberas Hydrogeological Study, Namdeb Orange River Mines (Including the evaluation of three fine tailings options on the environment and in particular the groundwater and interrelated surface water resources). |
| Valencia Uranium Project (Pty) Ltd | Siting and Drilling Supervision of 5 (five) boreholes in the Khan River for groundwater monitoring purposes. |
| Valencia Uranium Project (Pty) Ltd | Siting and Drilling Supervision of 9 (nine) boreholes at the Valencia Uranium mine, for groundwater supply and monitoring purposes. |
| City of Windhoek | Environmental Management Plan (EMP), for the existing Kupferberg Waste Disposal Facility in Windhoek, in Khomas Region. |
| City of Windhoek | Environmental Management Plan (EMP), for the existing Eros Waste Disposal Facility in Windhoek, in Khomas Region. |
| City of Windhoek | Environmental Management Plan (EMP), for the existing Havana Waste Disposal Facility in Windhoek, in Khomas Region. |
| City of Windhoek | Environmental Management Plan (EMP), for the existing Khomasdal Waste Disposal Facility in Windhoek, in Khomas Region. |
| City of Windhoek | Environmental Management Plan (EMP), for the existing Ludwigsdorf Waste Disposal Facility in Windhoek, in Khomas Region. |
| City of Windhoek | Environmental Management Plan (EMP), for the existing Okuryangava Waste Disposal Facility in Windhoek, in Khomas Region. |
| City of Windhoek | Environmental Management Plan (EMP), for the existing Otjomuise Waste Disposal Facility in Windhoek, in Khomas Region. |
| City of Windhoek | Environmental Management Plan (EMP), for the existing Pioneerspark Waste Disposal Facility in Windhoek, in Khomas Region. |

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| City of Windhoek | Environmental Management Plan (EMP), for the existing Brakwater Waste Transfer Facility in Windhoek, in Khomas Region. |
| City of Windhoek | Environmental Management Plan (EMP), for the existing Kleine Kuppe Waste Transfer Facility in Windhoek, in Khomas Region. |
| City of Windhoek | Environmental Management Plan (EMP), for the existing MIX Waste Transfer Facility in Windhoek, in Khomas Region. |
| Ministry of Agriculture, Water and Forestry: (Mashare Agricultural Development Institute (MADI)) | Development of a Health and Safety Plan, and implementation of Health and Safety Program at the Mashare Agricultural Development Institute (MADI) and the Mashare Irrigation Training Centre (MITC). |
| VIVO Energy Namibia Ltd | Environmental and socio-economic Impact assessment, The proposed upgrade and alterations of the existing Zambezi Fuel retail fuel facility in Katima Mulilo, in Zambezi region. |
| Mr John Gariseb | Environmental and socio-economic Impact assessment, The proposed Dâures Mountain Lodge at Uis, in Erongo region. |
| Ugab Truck Port Cc | Environmental and socio-economic Impact assessment, The proposed Ugab Truck Port Fuel retail fuel facility at Uis, in Erongo region. |
| City of Windhoek | Groundwater specialist study for the development of the Haloid Industrial Township (the old Ramatex Textile Factory) - Windhoek. |
| Ministry of Agriculture, Water and Rural Development | 2002/3 Drought Relief Programme Kunene North - Rural Water Supply |
| Ministry of Agriculture, Water and Rural Development | 2002/3 Drought Relief Programme Kunene South - Rural Water Supply |
| Ministry of Agriculture, Water and Rural Development | 2002/3 Drought Relief Programme Omaheke - Rural Water Supply |
| Ministry of Agriculture, Water and Rural Development | 2002/3 Drought Relief Programme Otjozondjupa. |
| Ministry of Agriculture, Water and Rural Development | 2002/3 Rural Water Supply Kunene North. |
| De Beers Marine Namibia/ Namdeb (PTY) LTD | Environmental Impact assessment, Bwabwata Exploration/Drilling of diamond exploration in Caprivi Region. |

LANGUAGES

| | <u>SPOKEN</u> | <u>READ</u> | <u>WRITTEN</u> |
|------------------|---------------|---------------|----------------|
| <i>English</i> | Excellent | Excellent | Excellent |
| <i>Afrikaans</i> | Good | Good | Fair |
| <i>Oshiwambo</i> | | Mother Tongue | |

CERTIFICATION

I, the undersigned, certify that to the best of my knowledge and belief, this CV correctly describes my qualifications, my experience, and me.



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Mize Shippiki
November 2022