



GA Environment



**Environmental best practice
safety and sustainability**

Contents

Vision, mission and values	1
Where we've come from	2
Message from our GCEO	4
Message from our Executive	5
Executive leadership	6
Business model	8
Message from our Managing Director	10
A selection of our projects	14
Case studies	16
Contact details	34

Upgrading of Paterson Wastewater Treatment Works



Accelerated Schools Infrastructure Delivery Initiative (ASIDI)



Setting new standards of best practice in safety and sustainability

Vision, mission and values

Vision

To be the leaders in innovative and avant-garde environmental management, safety and sustainability

Mission

We are passionate about balancing local environmental imperatives with global best practice to spur socio-economic transformation. We achieve our goals through enduring client partnerships built on trust and our commitment to adding value that exceeds expectations

Values

Integrity, accountability, commitment, diligence and respect

Profile

GA Environment, a subsidiary of GladAfrica Group, strives to provide sustainable solutions an array of clients through our in-depth understanding of environmental best practice and the need to incorporate socioeconomic factors in everyday business decisions.

The growth of the environmental sector, together with the growing national and international drive towards sustainable development, has provided GA Environment with a platform to successfully emerge as a company that is able to undertake key infrastructure projects. Early successes include river rehabilitation, large-scale mixed-use developments, conservation management, and complex projects in the oil and gas industry. Since these initial achievements, GA Environment has been able to diversify its service offerings, providing creative solutions to both the private and public sectors. These diversified services range from occupational health and safety solutions to geospatial investigations, strategic environmental planning and corporate environmental programme management.

Our multiple service offerings and highly experienced team of professionals set us apart from our competition. A strong sense of ethics and integrity, coupled with complementary capabilities and a well-balanced approach to creating a managed and sustainable environment, is the formula for success in GA Environment.

The GA Environment team is committed to providing its clients with high-quality technical assistance and field support. Combining proficiency with decades of experience in providing environmental services for projects from various industries, we are able to attend to our clients' needs in an efficient and cost-effective manner.



Where we've come from



Basic Assessment and Water Use License Application (WULA) for upgrading of the internal roads and stormwater management networks in the City of Tshwane



Port of Saldanha



Lakeside Development



Rehabilitation of Centurion Lake:
Basic Assessments and Accompanying Specialist Studies for the Proposed Intervention Structures for Areas Upstream and Downstream of the Centurion Lake



Lesotho Highlands Water Project Phase 2 Advanced Infrastructure

The journey...



GA Environment currently offers fully-fledged environment, sustainability and safety consulting services across 8 of the 9 Provinces in South Africa, with regional offices in Cape Town, Bloemfontein, Durban, Port Elizabeth and Johannesburg. We are currently responsible for projects worth approximately R40 billion, including the SHEQ auditing for the Lesotho Highlands Water Development Project Phase 2.

Our entrenched values and proven track record have made GA Environment the partner of choice and a rising leader in environmental best practice, sustainability, risk management and safety.

Fueled by exceptional business growth, GA Environment was registered as a separate company within the GladAfrica Group in January 2013. As a distinct entity, GA Environment was well positioned to provide a wide range of environmental services aimed at mitigating the negative impacts of development and enhancing the positive benefits of engineering projects across all disciplines.

The continued growth of the environmental sector and GladAfrica's early success in this area enabled the newly formed service offering to take on key infrastructure development projects for both private and public sector clients. These projects included river rehabilitation, large-scale mixed-use developments and multi-million rand projects in the oil and gas sector.

GA Environment started its journey within the GladAfrica group of companies as an environmental management and sustainability solutions service for a wide range of clients.



Executive leadership



Kevin Pillay (BSc Eng, BCom, MBA, PrEng, Faarb), Group Chief Executive Officer

Kevin is a registered Arbitrator and Fellow of the Association of Arbitrators of Southern Africa. He is a registered professional engineer with more than 30 years' combined experience in engineering and business management.

Kevin has served on the SAICE Council and the CESAs Legal Forum, and also served as Chair of the ECSA Professional Advisory Committee. He started his career at local government before moving into consulting engineering. In 2018, Kevin joined GladAfrica as a Managing Director and is responsible for the Group's technical delivery including, construction, health and safety, engineering, environmental and project management.



Nkhensani Khandlhela (Pr Sci Nat Msc) Environment & Sustainability Manager, GA Environment.

Nkhensani holds a Master of Science Degree (in Geography) from the University of KwaZulu Natal. She is an Environmental Scientist with over 20 years of experience. Nkhensani has over the past 15 years specialised in Integrated Environmental Management (IEM), Scoping & Environmental Impact Assessments (EIAs), Waste licence and Environmental Authorisation applications. Nkhensani has undertaken and managed numerous projects in her fields of expertise for public sector, private sector and industry, and has developed a track record of professional excellence in the field. Nkhensani was involved in undertaking external environmental auditing at Eskom Power Stations, Transnet (Construction of Third Tippler in the Port of Saldanha),

Rand Water, Joburg Water, etc. Other areas of interest include providing input and advise in terms of rural development land use issues and socio-economic surveys and public involvement process. Nkhensani has over the years demonstrated her willingness to share skills, knowledge in her field of expertise through mentoring young professionals. Nkhensani has been a project scientist for various projects across all provinces of South Africa. She has worked at GIBB (Pty) Ltd and Envirolution Consulting (Pty) Ltd. She has exceptionally served GA Environment as Principal Environmental Scientist. Nkhensani is currently the Manager of Environment and Sustainability at GA Environment.



Ayanda Blose (PrCHSA, SACPCMP)Health and Safety Principal, GA Environment

Ayanda Blose is a qualified Professional Construction Health and Safety Agent (Pr. CHSA) with over 14 years' experience in health and safety. A registered professional with the South African Council for Project and Construction Management Professions (SACPCMP). Ayanda's Construction Health and Safety experience ranges from roads, bridges and storm water construction, high rise building construction, substation construction until hot commissioning, concrete works, mechanical works, tunnelling, erection of power lines, coal and hydro power station construction, water treatment plants construction, dam construction, refurbishment projects of

schools, corporate buildings and Government Hospitals.

Ayanda has provided health, safety and services for multibillion rand valued projects such as the Lesotho Highlands Water Project Phase 2, the Ingula Pumped Storage Scheme project in Ladysmith, KwaZulu Natal which is Africa's largest water-pumped electricity storage scheme and Kusile Power Station project which is also the largest coal-fired power station South Africa, located in Mpumalanga. He has also provided his services to Growthpoint Properties, City of Ekurhuleni, City of Tshwane, Lesotho Highlands Development Authority, Development Bank of Southern Africa, Public Investment Corporation, Coega Development Corporation and Gauteng Department of Infrastructure Development.

Our team is committed to providing its clients with high-quality technical assistance and field support. Combining proficiency with decades of experience in providing environmental services for projects from various industries,

Environmental Management Services



Business model

Our resources/ Key differentiators **1**

We create value for our clients through the following resources:

- Diverse, experienced, professional staff who are passionate about making a difference
- Our relationships across the public and private sectors
- Our brand, built over time through excellent service delivery
- A commitment to developing strong governance
- Quality management systems and a commitment to excellence
- Our strategy, vision, mission and values
- Our national infrastructure

Business activities **2**

We use our skill and experience to perform the following activities:

- Strategic environmental planning
- Research and development
- Quality control
- Reporting
- Assessments
- Compliance monitoring
- Tools of the trade
- Application of best environmental practice and safety practices
- Policy and procedure control
- Operating criteria
- Public participation
- Stakeholder Management
- Construction Health & Safety Consulting

Markets



Commercial property



Construction



Energy



Mining Industrial

Outputs **3**

We deliver innovative solutions and services, including:

- Strategic planning and environmental advisory
- Sustainability reporting
- Contaminated land rehabilitation/ restoration planning
- Mine closure and long-term strategic planning
- Environmental project and programme management
- Environmental due diligence
- Conservation planning and biodiversity management
- Climate change and greenhouse gas management plans
- Environmental compliance monitoring
- Environmental management systems
- Construction health and safety services
- Green building services

Outcomes **4**

We remain committed to the sustainability of our business and the broader community in which we operate. Our long-term impacts include:

- Sustained stakeholder relationships
- Enhanced brand through client satisfaction
- Improved quality of communities' living conditions
- Job creation
- Sustainable developments
- Financial returns
- Motivated and engaged staff
- Improved environmental awareness



Infrastructure development



Integrated waste management



National, provincial and local government



Transport



Water and sanitation

Sustainable safety environmental and for the built environment



Message from the Managing Director

Organisations need to understand the impact they have on the environment, the economy and society, in the context of what it means to be an ethical and effective corporate citizen.

At GA Environment we believe that a good business strategy should be built on sustainability and long-term thinking. Our service offerings enable us to assist clients in not only ensuring compliance with the current environmental and health and safety prescripts, but we also seek to shape our clients' response to local imperatives and global issues such as climate change, which must always be considered in the broader environmental, sustainability and governance context.

Whilst it is true that Governing Bodies have a critical role to play in responding to climate change, which is an imperative and no longer optional, the challenge lies in developing the most appropriate and effective strategies. The market is ripe for a partner that can assist clients in responding to this challenge in a practical and

responsive way. GA Environment has the core skills and expertise to develop such strategies and to implement projects at an operational, compliance or institutional/strategic level, in the health and safety, sustainability and environmental management disciplines.

The Built Environment sector has an important role to play in the socio-economic development of a nation. The professional services required to implement infrastructure are provided by technical experts (environmental engineers, designers and project managers, etc.) who must be well-versed in sustainability if they are to deliver sustainable plans and projects, and not just limit their impacts on the environment or the communities who are meant to be beneficiaries of such projects.

Balancing local environmental imperatives with global best practice to spur socio-economic transformation.

For these projects to meet the highest local and international norms and standards, they must entrench sustainable development from conceptualization through to completion. King IV Code encapsulates these requirements in its Environmental, Sustainability and Governance (ESG) theme.

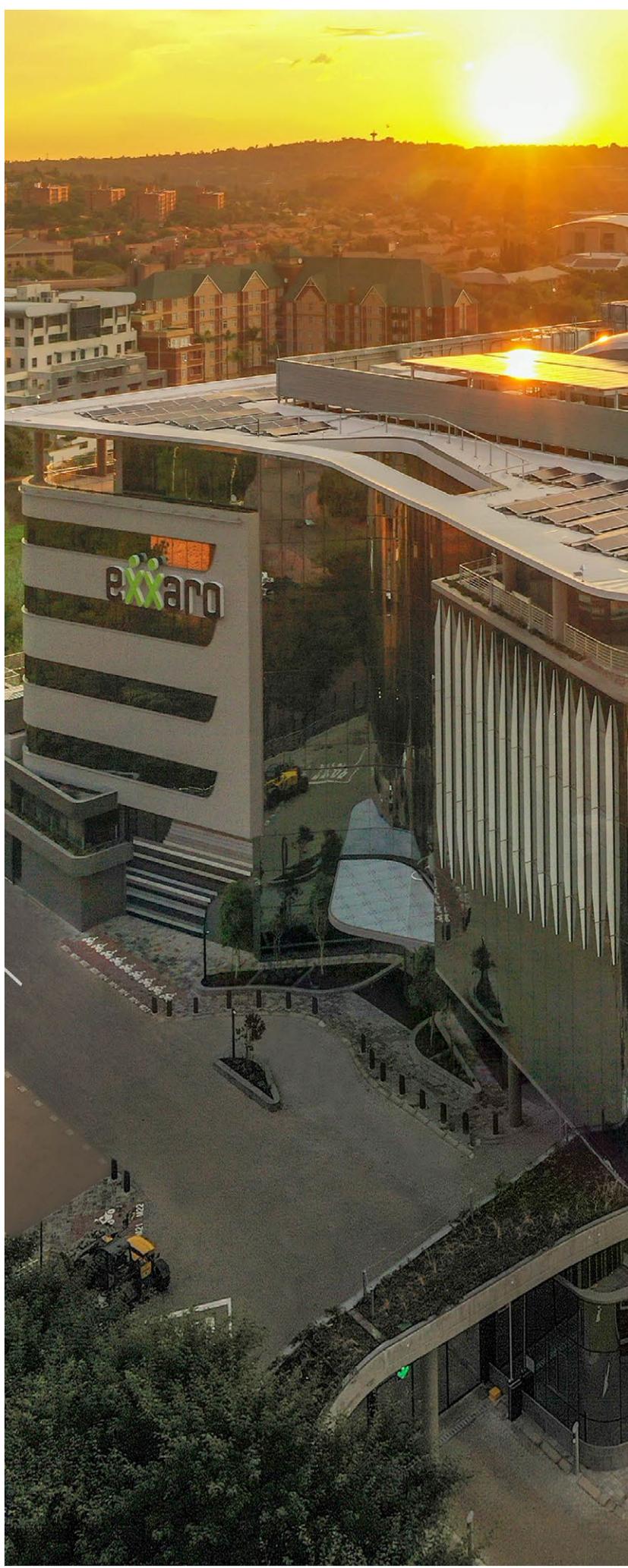
GA Environment has the **capability and expertise to guide the clients in fulfilling this mandate**, to ensure that they conform to local and international best practice in every aspect of their business.



Kevin Pillay (BSc Eng, BCom, MBA, PrEng, Faarb)
Group Chief Executive Officer
GladAfrica Group



Environmental Sustainability Services





Strategic planning and
environmental advisory

Conservation planning and
biodiversity management

Environmental licensing
and permits

Construction health
and safety services

Environmental
compliance monitoring

Integrated waste
management plans

Geospatial services



GA Environment

A selection of our projects

Strategic planning and environmental advisory

Integrated Public Transport Network/Bus Rapid Transport, Mangaung Metropolitan Municipality , Free State

Environmental advisory services for a large, mixed-use development, Gauteng

Environmental feasibility assessment for a bulk water supply scheme, Free State

Environmental feasibility assessment and a social and economic profile for university student accommodation, Cameroon

Strategic environmental assessments to support the electrical network master plans in various provinces, South Africa

Environmental feasibility study and detailed site selection for a coal-fired power station, Eastern Cape

Environmental screenings for various transportation projects, South Africa

Air Traffic Navigation System Initial Environmental Assessments for Distance Equipment Measurement Sites, Gauteng, KwaZulu Natal, Eastern Cape and Western Cape

Clean City Programme Project Management of Agent for the total Management, Implementation, Administration and Supervision of the Ekurhuleni Metropolitan

Conservation planning and biodiversity management

Biodiversity guidelines for a conservancy as part of a large, mixed-use development, Gauteng

Development of a proclamation and reserve management plan for nature reserves, Gauteng

Development of a biodiversity framework and strategy for a municipality, Gauteng

Securing biodiversity sites and undertaking due diligence activities, Gauteng

Mangaung Gariep Water Augmentation Project Gariep Feasibility, Basic Assessment for the a Bulk Water Supply Scheme from Gariep Dam to Mangaung, Free State

Mangaung IPTN Basic Assessment for the Proposed Construction of a Bus Depot as part of the Integrated Public Transport Network, Bloemfontein, Mangaung Metropolitan Municipality.

Basic Assessment and Water Use License Process for the proposed Pedestrian Bridge across the Klein-Modder River and Upgrade and Maintenance of existing footpaths as part of the Intergarded Public Transport Network (Non-motorised Transport), Botshabelo, Mangaung Metropolitan Municipality

General Authorisation Application for water uses as defined in Section (c) and (i) in respect to the proposed non-motorised transport network for the Integrated Public Transport Network, Thaba Nchu, Mangaung Metropolitan Municipality.

General Authorisation Application for the Integrated Public Transport Network Bus Rapid Transport and Non-Motorised Transport in Manguang Township, Mangaung Metropolitan Municipality

The Sustainability Action Plan (SAP) for the Integrated Public Transport Network, Mangaung Metropolitan Municipality Rustenburg Pedestrian Bridge

SANRAL R573 (K139) Moloto Road Environmental Impact Assessment of Borrow Pits and Provincial Road Construction

Environmental licensing and permits

Department of Environmental Affairs Waste Management License Applications for 26 sites across Mpumalanga, Limpopo and North West Provinces, for 4 sites in Kwa-Zulu Natal Province.

Water Use License Application for Stone River's Arch

Environmental impact assessment and water-use licence application for a larger, mixed- used development, Vosloorus Node Project one, Gauteng

Environmental impact assessment and water-use licence application for a larger, mixed-used development, Palm Ridge Extension 9 Social Housing Development - Gauteng

Environmental impact assessment and water-use licence application for a larger, mixed-used development, Langaville Extension 4 Social Housing Development - Gauteng

Five basic assessments and three water-use licence applications for various road upgrade projects, Gauteng

Basic assessments and water-use licence application for a dam rehabilitation project, Gauteng

Environmental impact assessment, waste management licence and water-use licence applications for the upgrading of a wastewater treatment plant, Eastern Cape

Environmental impact assessment for a large-scale petroleum storage facility and fractionation unit, Gauteng

Environmental impact assessment for a cross-provincial bulk water supply pipeline and associated infrastructure, Gauteng and Mpumalanga

Environmental impact assessment for a 400 kV transmission power line (approximately 285km), Free State

Waste management licences for various waste disposal facilities (general and hazardous), South Africa

Environmental impact assessment for a port expansion project, Western Cape

Waste management licence for an aluminium and copper recovery facility, Gauteng



Construction health and safety services

Ekurhuleni Metropolitan Municipality Serviced-Stands Programme for social housing development, Gauteng

Ekurhuleni Metropolitan Municipality Programme for social housing development, Gauteng : Delville Germiston

Gauteng Provincial Development Infrastructure Department (GPDID), Gauteng : Jabulani Dumani, Themba Clinic

Gauteng Provincial Development Infrastructure Department (GPDID), Gauteng : Dorminca School, Thulasizwe School, Venterpoort

City Of Johannesburg and Johannesburg Development Agency, (JDA) for Hilbrow-Park Station BRT NMT Implementation project.

Sedibeng Waste Water Treatment Workers at Lichtenburg, North West

Occupational health and safety audits for the construction of 5 schools, Eastern Cape

Occupational health and safety services for a bulk water supply scheme, Free State

Occupational health and safety services for the upgrading of a community healthcare centre (NHC pilot site), Gauteng

Framework Contract For Health and Safety for Sol Plaatje University

Provision of Construction Health and Safety Agent services, Kimberly Western Cape Government Department of Transport and Public Works

City of Cape Town Water and Sanitation Department Construction Health & Safety Agent Services (CHS Agents), Western Cape

Cape Flats Aquifer Cluster 1, Strandfontein West Provision of OHS Agent services, Western Cape Occupational Health and Services at Vosloorus High Density Housing, Gauteng

GDID Eastern Corridor-Tambo Memorial Occupational Health and Safety Agent Services, including Auditing and Monitoring , Far East Hospital, Pholosong Hospital, Bertha Gxowa Hospital and Tembisa Hospital

Environmental compliance monitoring

Environmental auditing for the construction of hospitals, Melomed John Ross Eco junction , Kwa-Zulu Natal

Environmental auditing for the construction of EIDP Package 6: Ekurhuleni Metropolitan Municipality Social Housing Development ,Gauteng: Germiston Fire station Social Housing and Delville Social Housing

Environmental auditing for construction in townships within Ekurhuleni Metropolitan Municipality Serviced Stands Programme, Gauteng

Environmental auditing for the construction of schools, Eastern Cape

Environmental auditing for the elimination of pump stations, and the construction of a gravity sewer line, Gauteng

Water-use licence auditing for a coal-fired power station, Mpumalanga

Environmental audit report of an electronics manufacturing plant, Gauteng

Transnet Environmental Compliance Audits, Saldanha Bay, Western Cape

Framework Contract For Environmental Compliance Monitoring At Sol Plaatje University, Kimberly

Environmental Compliance Services at Vosloorus High Density Housing, Gauteng

Integrated waste management plans

Construction environmental management programme for a 765kV transmission power line, Free State

Environmental management programme for the construction of a 33kV distribution line, Gauteng

Environmental due diligence and environmental action plans for a multinational transport project

Construction environmental management programme for a 400kV transmission power line, North West

Integrated waste and water management plan for a coal mine, Mpumalanga

Geospatial services

Department of Environmental Affairs Waste Management License Applications for 26 sites across Mpumalanga, Limpopo and North West Provinces

Integrated Public Transport Network/Bus Rapid Transport, Mangaung Metropolitan Municipality , Free State

Sensitivity mapping for a large, mixed-use development, Gauteng

Least-cost-route analysis for bulk water supply schemes, Free State

Landcover classification and development for infrastructure projects, SADC

Geospatial studies to determine site feasibility for infrastructure developments, South Africa



Case study 1

Proclamation of two municipal nature reserves: Klipriviersberg and Kloofendal



Project name

Proclamation of two municipal nature reserves: Klipriviersberg and Kloofendal

Client

City of Johannesburg Metropolitan Municipality

Purpose

Environmental advisory and conservation planning services for the Department of Environment and Infrastructure Services in the proclamation of the Klipriviersberg and Kloofendal Nature Reserves, in accordance with the National Environmental Management: Protected Areas Act 57 of 2003.

Scope

The scope of services include the compilation of management plans for both nature reserves, and ensuring that all legal aspects of the proclamation process are adhered to, in consultation with the competent authorities. The project entailed, among other tasks, a landownership audit, the preparation of proclamation diagrams (to be approved by the Surveyor General), public participation and key stakeholder consultation.

Project value

R7 million



Case study 2

Upgrading of Paterson Wastewater Treatment Works



Project name

Upgrading of Paterson Wastewater Treatment Works

Client

Embo Environmental Solutions on behalf of Sunday's River Valley Local Municipality

Purpose

Sunday's River Valley Local Municipality requires normal civil engineering services and additional studies for the upgrading of the Paterson wastewater treatment works (PWWTW), following an assessment which investigated different treatment processes and upgrading alternatives. A municipal infrastructure grant (MIG) technical report and business plan, which motivated the upgrading of the PWWTW and an extension of the current oxidation ponds system, was prepared and approved.

Scope

Upgrading of the PWWTW to a future capacity of 1,030 cubic metres per day required the undertaking of a scoping environmental impact assessment (EIA) process, and assisted with the waste management licence and water-use licence applications. The aim was to ensure that the plant ultimately attains the Green Drop standard.

Project value

R16 million



Case study 3

Environmental impact assessment for the Mangaung water augmentation project



Project name

Design of Gariep Bulk Water Pipeline

Client

Mangaung Metropolitan Municipality

Purpose

Mangaung Metropolitan Municipality has taken a decision to find a sustainable water supply for Bloemfontein and the surrounding areas and has proposed a bulk water supply scheme from Gariep Dam. Phase 1 of the project includes a bankable feasibility study of the bulk water supply scheme, while phase 2 of the project will include detailed studies and designs.

Scope

Undertake the environmental feasibility study, assess the occupational health and safety risks, and deal with the land matters as part of the larger bankable feasibility study.

Project value

R7 billion





Case study 4

Lesotho Highlands Water Project Phase 2



Project name
Safety, Health, Environment and Quality Management (SHEQ) Audits for the Lesotho Highlands Water Project Phase 2

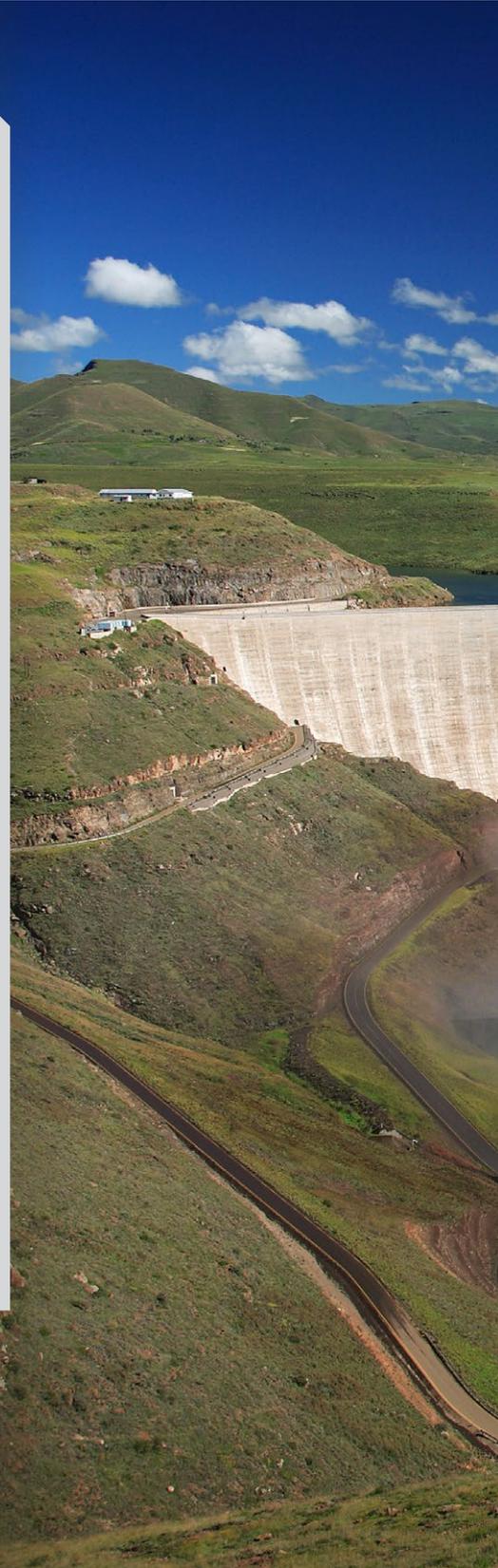
Client
Lesotho Highland Development Authority



Purpose
Phase II includes several work packages, with bulk power supply and telecommunications, roads, bridges, two diversion tunnels from the main Polihali Dam, the project housing and associated infrastructure, the North East Access Road, the Polihali Western Access Roads and the Northern Access Road. Construction of the Polihali Dam and related infrastructure will guarantee the desired level of water availability in Gauteng and the Vaal River water supply region in the most cost-effective manner. The project provides for the transfer of 780,000 million litres of water as well as electricity supply to towns and villages in Lesotho (through the Lesotho Electricity Company).



Project value
R24.9 billion





Case study 5

Accelerated Schools Infrastructure Delivery Initiative (ASIDI)



Project name

Accelerated Schools Infrastructure Delivery Initiative (ASIDI)

Client

Development Bank of Southern Africa

Purpose

Replacing of 50 schools in the Eastern Cape constructed with inappropriate materials, (e.g. mud schools) with new schools that meet the Department of Basic Education’s specified levels of functionality. The project includes the relevant environmental aspects of the initiative.

Scope

Identification of environmental aspects and issues to be managed during the design and construction stages; drafting and implementing an environmental management programme for each site; and serving as the environmental control officer (compliance monitoring) during the construction. Occupational health and safety services entail the identification of safety hazards during the planning and design stages; risk assessments; and the development of safety specifications for the tender documentation. Safety audits and monitoring will be carried out during construction.

Project value

R198 million



Case study 6

Environmental impact assessment and environmental advisory for a petroleum storage terminal



Project name
Petroleum storage terminal

Client
Leuven Terminals (Pty) Limited

Purpose
To manage the design and construction of the Leuven Terminals refraction and storage facility, located on a five-hectare site at the junction of the N14 towards Ventersdorp and R24 from Krugersdorp, adjacent to the Transnet terminals. The facility was a 40 000 000 litre storage plant in the first phase. In the second phase, refractionation unit was constructed for the separation of various products such as diesel, petrol and Jet A-1 fuel.

Project value
R350 million

Scope
Undertaking the scoping and environmental impact assessment, which includes a hazard and operability assessment, a major-hazard installation risk assessment, and various specialist studies. GA Environmental is also advising on all other environmental risks, and occupational health and safety aspects.



Case study 7

Stone River's Arch mixed-use development



Project name
Stone River's Arch mixed-use development

Client
Thaba Ya Batswana Eco-Tourism (Pty) Limited

Purpose
Thaba Ya Batswana Eco-Tourism (Pty) Limited (TYB) has proposed a unique mixed-use development, to be known as Stone River's Arch (SRA), on an 89-hectare site in the Klipriviersberg Nature Reserve area. The plan is to incorporate a regional mixed-use node with retail, office, residential and tourism facilities, integrated seamlessly with the surrounding natural environment, which is a key asset in the area.



Scope
Appointed to undertake the scoping/EIA for SRA and to assist TYB with the water-use licence application. In addition, the scope of work includes a range of environmental advisory services, such as providing environmental architectural guidelines, green building guidelines and biodiversity guidelines, which are designed to assist the developer in implementing actions and managing the development during and after construction.

Project value
R8 billion





Occupational health & safety services

Occupational Health and Safety legal requirements place health and safety compliance at the heart of all successful built environment projects. The Construction Regulations 2014 impose certain duties on a contractor, designer, an employer or a client, who is seen as the de-jure employer of all contractors on a construction site.

With over 150 years of combined national and international OHS experience, GA Environment has wide-ranging project experience and statutory knowledge to accept responsibility for ensuring that occupational health and safety (OH&S) is entrenched in all stages of a project. Clients lacking in OH&S experience can confidently appoint our knowledgeable professionals to carry out the necessary legal safety functions on their behalf. Our OH&S services are offered in all project phases from Stages 1 to 6.



Health & Safety Consulting

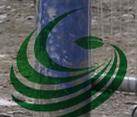
Construction Health & Safety

SHEQ Certification Services

OHS Legal Compliance Audits

SHEQ Training

GA Environment Solutions



GA Environment

Case study 8

Integrated Public Transport Network /Bus Rapid Transit



Project name

Integrated Public Transport Network /Bus Rapid Transit

Client

Mangaung Metropolitan Municipality

Purpose

GA Environment (Pty) Ltd was appointed by GladAfrica Group to assist with the Environment and Sustainability requirements for the successful implementation and operation of the Mangaung BRT.

Scope

GA Environment (Pty) Ltd is responsible for the Environment and Sustainability work stream. Environmental compliance will be attained by ensuring the Environmental Authorisation and Water Use Licenses or any other environmental permits are obtained prior to commencement. A Sustainability framework is being developed and the overall Sustainability Assessment will be undertaken for the IPTN, with special emphasis on efficient resource utilisation in the context of the City's Climate Change and Sustainability objectives.

Project value
R5 billion



Case study 9

Department of Environmental Affairs Waste Management License Applications for 30 sites across KwaZulu Natal, Mpumalanga, Limpopo and North West Provinces



Project name

Department of Environmental Affairs Waste Management License Applications for 26 sites across Mpumalanga, Limpopo and North West Provinces, South Africa

Client

Department of Environmental Affairs

Purpose

The project entails the scoping and environmental impact assessments as well as basic assessments for 30 waste disposal landfill sites across the 4 Provinces. Waste Management Licenses and Closure/Rehabilitation Plans were compiled for all the sites, some of which were licensed for continued operations, while others are were closed down.

Scope

GA Environment is undertook Waste Management License Applications, 14 Basic Assessments and 12 Scoping and EIAs Applications, including Closure Plans, Hydrogeological investigations and Geotechnical investigations. These studies have been undertaken to determine the capping requirements for each site. Public Participation was also undertaken at each site as part of the process

Project value

R350 million



Case study 9

Serviced Stands Programme of the Department of Human Settlements, Ekurhuleni Metropolitan Municipality



Project name
Ekurhuleni Metropolitan Municipality Serviced-Stands Programme

Client
Development Bank of Southern Africa on behalf of the Ekurhuleni Metropolitan Municipality.

Purpose
The installation of water, sewer, roads and stormwater and electricity infrastructure services for the construction of 7 housing projects across the Ekurhuleni Metropolitan Municipality.

Scope
GA Environment (Pty) Ltd was appointed to provide Environmental Monitoring Advisory services for the proposed developments. The role entails detailed review of the existing Environmental Authorisations and Licences or Permits issued for the 7 developments.



Project value
R1.9 billion





Case study 9

Ekurhuleni Metro Municipality – Clean City Programme



Project name
Clean City Programme

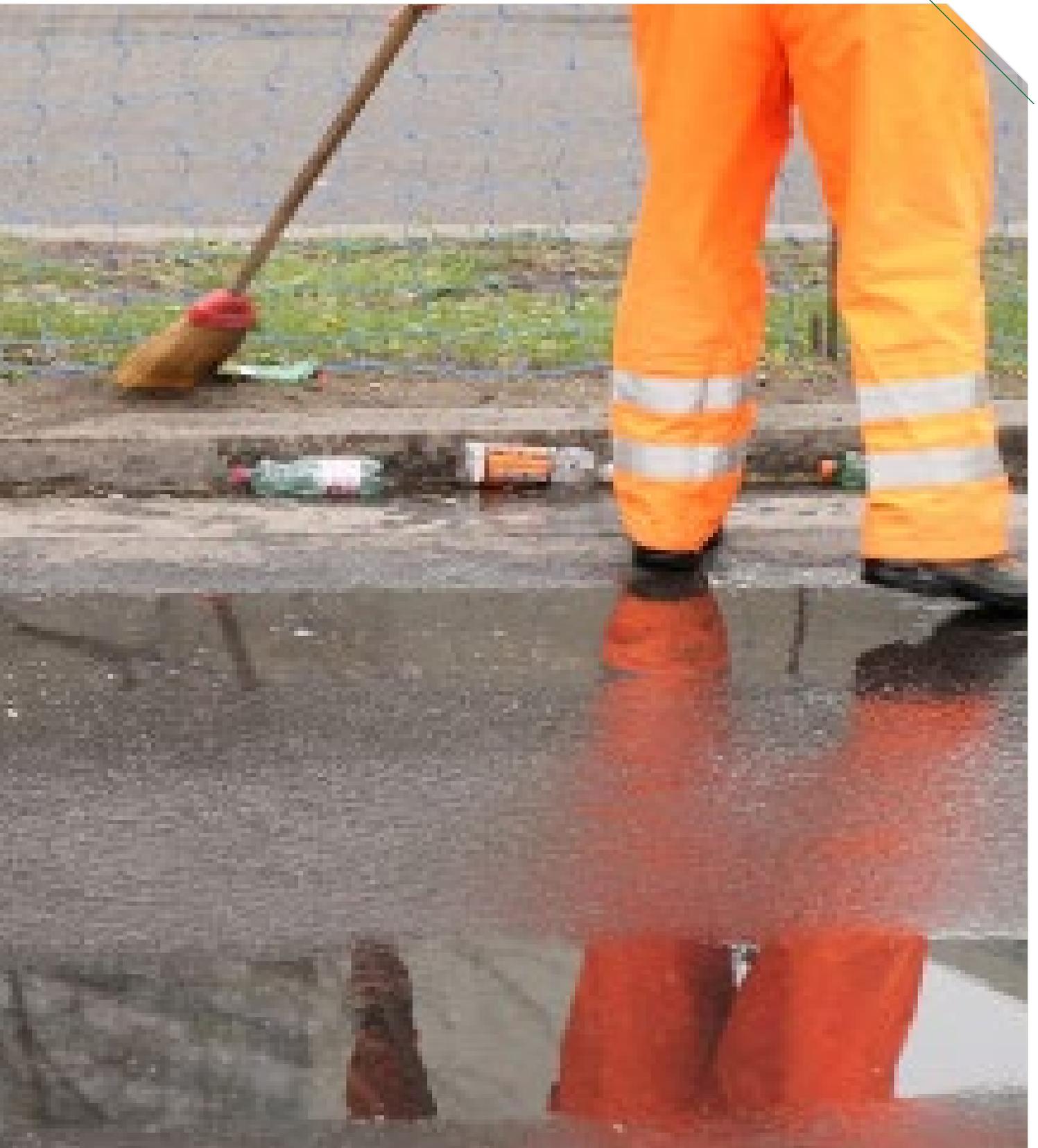
Client
Ekurhuleni Metro Municipality

Purpose
The goal of this mayoral programme is to create a cleaner, greener and healthier Ekurhuleni Metro Municipality environment, by empowering local residents and stakeholders through job creation for the unemployed youth and others, thereby enhancing a sense of pride in the clean community they live in and maintain. This to be achieved by reducing illegal dumping and littering, rodent eradication, infrastructure repair and fostering environmental awareness through training and education.

Scope
GA Environment was responsible for supervision, management and administration of a 4800 strong workforce spread out across the 101 Wards throughout the Ekurhuleni Metro Municipality. On behalf of the City the company ensured quality of workmanship, proactively addressed challenges experienced in the programme, advise on compliance with the general labour, environmental norms and standards, Occupational Health and Safety Act and monitored the progress through schedule control and continuous feedback to the City by means of statistical analysis and regular reporting.

Project value
R 107 million





Geographic footprint

Head Office : Johannesburg

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Cape Town, 7446
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Port Elizabeth

Walmer Office Park, 1st Floor, North
Wing, 13/17 Heugh Road, Walmer,
Port Elizabeth, 6065
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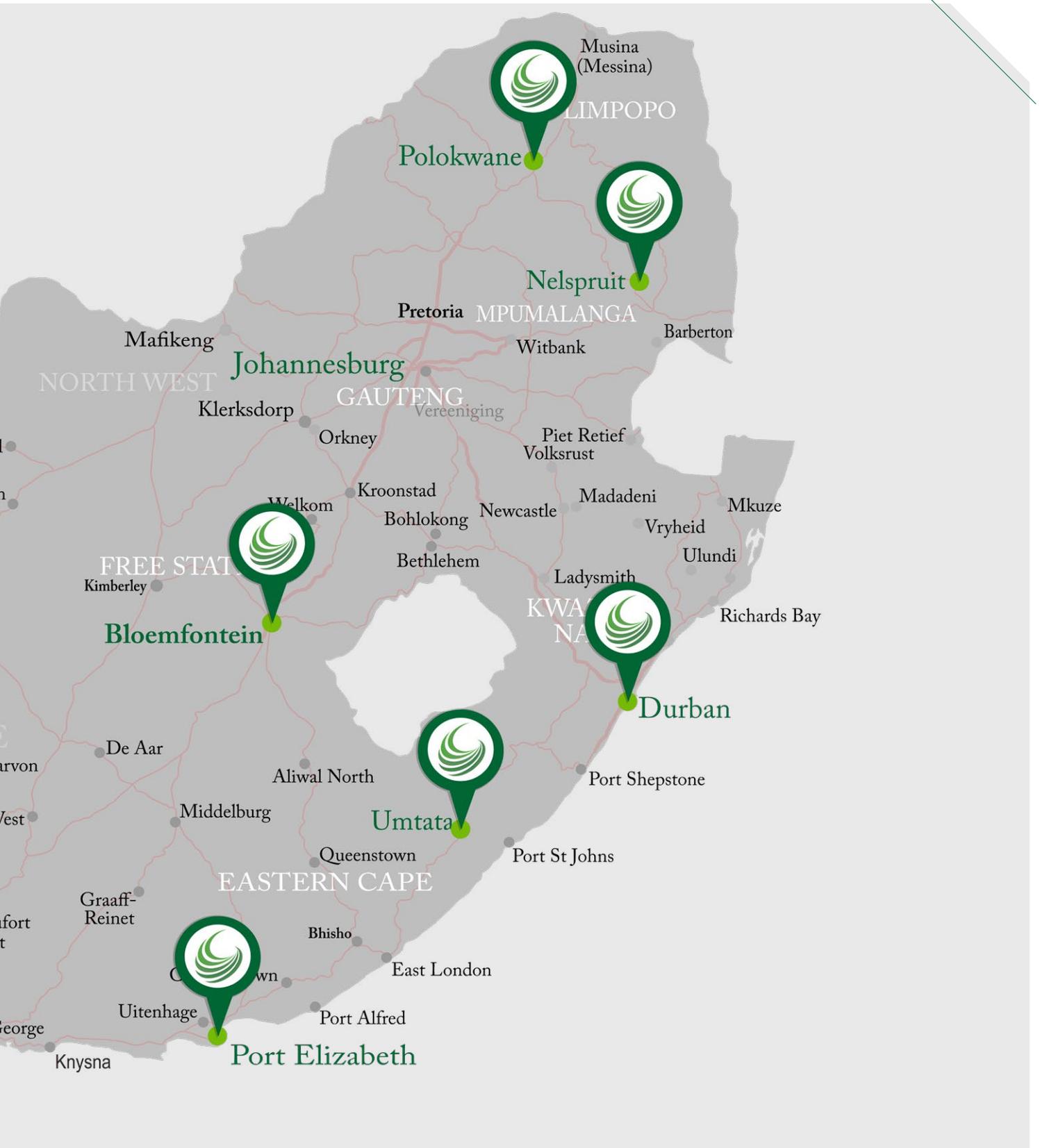
Nelspruit

Corner R40 and D725 Roads,
Mbombela, 1200
Tel: +27 (0) 60 753 3595

Bloemfontein

Suite 23, First Floor, PHG Building,
Cnr Nelson Mandela Drive & Nobel
Street, Bloemfontein, 9301
Tel: +27 (0) 51 430 0430 / 0441
Fax: +27 (0) 51 430 7001





Contact details



Company name	GA Environment (Pty) Limited	
Trading name	GA Environment	
Company reg no	2013/000961/07	
Ownership	GladAfrica Investment Holdings	
Registered address	GladAfrica House, Hertford Office Park, 90 Bekker Road, Midrand, 1686, South Africa	
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	<i>Tel: +27 11 312 2584</i>	
Physical address	GladAfrica House, Hertford Office Park, Block G, 2nd & 3rd Floor 90 Bekker Road, Midrand, 1686	
	<i>Tel: +27 11 312 2537</i>	
	<i>Tel: +27 11 312 2584</i>	
Banks	Standard Bank of South Africa Limited	Tel: +27 11 677 0652
	First National Bank	Tel: +27 87 730 7886
Auditors	Rakoma and Associates Incorporated	
	<i>Tel: +27 11 463 5781</i>	
Insurers	Santam Business Insurance	
	<i>Tel: +27 12 362 4060</i>	
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