**BUSINESS PROFILE**

**FOR**

**PLANTAGO LANCEOLATA (PTY) LTD**

***MR DIVHANI MULAUDZI: DIRECTOR***

*COMPANY REG NO: 2014/118295/07), (TAX REF: 9502531172)*

*PRACTICE NUMBER: SACNASP REG: 100122/13*

*CELL: 073 763 1693 TEL: 079 9261 751, FAX: 086 7755 791,*

*EMAIL:* [*divhani01@plantagolance.co.za*](mailto:divhani01@plantagolance.co.za%20)

**EXECUTIVE SUMMARY**

Plantago Lanceolata Pty Ltd is solely a 100% black owned private company comprises of individual from a Historically Disadvantaged Background (HDI). Plantago Lanceolata Environmental Consultants is a Limpopo based consulting firm specializing in providing services to government, NGOs, private sector and various institutions in the public sector. With many associates across Limpopo and South Africa, PLEC provides services primarily to Professional Planning and Engineering Companies, Local Government, Business Associations, Developers and Environmental Consultants. The company is a selection of the most talented and experienced environmental consultants drawn from different fields of PLEC’s operations such as Environment and Natural Resources Management, Heritage Specialists, Ecologists, Social Sciences and Economics Studies, Water Engineering and Information and Technology Transfer, Wetland Specialists, climate change and Ornithologists.

### Mission, Vision and Values

PLEC is a consulting firm providing high-quality services and solutions to clients in areas of environmental assessments and management plans, project management, authority liaison, social facilitation and specialist services.

PLEC is a value-oriented institution which offers services on the basis of the following principles:

* **Delivering high quality studies:** The core drive is the diligent appraisal of all aspects of the environment that will be influenced by the proposed project and an honest assessment of the effects on stakeholders, public and client interest.
* **Multidisciplinary solutions:** PLEC brings together professionals with a variety of skills from numerous disciplines. We can, therefore, ensure that all potential impacts of a project are truly integrated in our studies and viable solutions presented for win-win outcomes.
* **Fostering local solutions to problems:** We strive to promote local solutions to natural resources management problems and accomplish this through encouraging the participation of local communities through thorough Public Participation and Stakeholder involvement from the onset of the project.
* **Defining project alternatives:** PLEC aims to inform the identification, design and implementation of alternatives and mitigation measures in the early stages of project planning in order to avoid and minimize the potential for negative environmental impacts and enhance the benefits associated with proposed projects.
* **Process management:** Besides the project proponent and regulatory authorities, other agencies, non-governmental organizations and stakeholder groups need to be consulted in environmental management projects and assessments. PLEC’s approach to stakeholder engagement is based on continual information exchange and the firm belief that local communities have a far deeper insight in local conditions and possible impacts than is evident from desktop studies and opinions.

### 

### Approach, Services and Solutions

With such a talented core group of assessors, PLEC is among the top contenders within the consultancy industry in Limpopo especially in fields of:

* Environmental Aspects related to Urban Planning, Design and Management
* Water Use and Sanitation
* Waste Management
* Natural Resources’ inventory
* Development and Management of Social and Environmental Studies including management plans
* Public Participation meetings and decision making process in the context of community development programs
* Digital Mapping and Geographic Information System.

The range of services offered by PLEC includes:

* **Environmental Studies**: Environmental Impact Assessments, Environmental Management Plans, Monitoring Programs, Water and Reservoirs Management, Natural Resource Management, Environmental Management Systems, Waste Management.
* **Ecological and Wetland Studies**: Baseline Assessments, Ecological diversity determination, endangered species identification, faunal and floral species recording, carrying capacity determination, Ecological Status, Impact mitigation, Game management and Fishing Licenses Applications.
* **Heritage Resource Studies**: Baselines Studies, Historical Local Assessments, Local Knowledge and possible flashpoints, Cultural and Community Assessments, Social issues sensitivity, Archaeological assessments etc.
* **Agricultural Studies:** Agricultural potential, crop studies, livestock management, breeding systems, record keeping, selection and soil evaluation, business plans, cash flow planning and projections, project viability research.

**COMPANY MANAGEMENT**

**Mr. Divhani Mulaudzi**

**Managing Director Plantago Lanceolata (Pty) Ltd.** Divhani holds the Bachelor of Sciences (Botany, Zoology and Conservation Biology (BscBDC)) from University of Venda and also Bachelors’ Honours Degree specializing in Botany/Ecology from the University of Limpopo Turfloop Campus. He is currently appointed by Plantago Lanceolata (Pty) Ltd as an Environmental Manager.

Divhani has attended a biodiversity academy internship programme at university of Stellenbosch, and University of Cape Town in Rondebosch Cape Town, CIB-DST-NRF (Center for Invasion Biology, Department of Science and Technology and National Research Foundation), this has enhanced his (Environmental Health Safety, Natural & Ecological experience) and Environmental Management related experience. He has also worked as an Environmental Health and Safety (EHS) Consultant for 4 years 7 month.

Divhani has attended a successful wilderness courses at Lapalala Wilderness School, Lephalale in Waterberg District within the jurisdiction of the Lephalale Local Municipality, South Africa, where he successfully completed the following courses: Overview of the Waterberg Biosphere, Basic Archeology and Geology, Vegetation Surveying and report production, Introduction to Reserve Management planning and Auditing (Water Placement management, Bush Encroachment management, Land Rehabilitation planning and practices, Erosion Control management and the Importance of Fires), Bat Ecology and Conservation.

He has also attended Safety, Health and Environmental courses to enhance his experiences:

1. Continuous Risk Assessment
2. Incident and Accident Investigations

***Memberships and Affiliations***

Affiliated Member of South African Association of Botanists (SAAB).

South African Council for Professional Scientists (SACNASP) (Reg #: 1000122/13)

Affiliated member of Limpopo Wetland forum LWF

**In association with Peter Tuerlings (Peer Review and Project Coordination)**

**CORPORATE SOCIAL INVESTMENT AND COMMUNITY DEVELOPMENT**

**Ms. Bolofo Mantsepuoa (Public Participation Officer)**

Ms. Bolofo is currently appointed as Public Participation Officer assisting senior EAPs of Plantago Lanceolata Pty Ltd. The student training program forms part Tshwane University of Technology towards obtaining her National Diploma in Environmental Sciences. Plantago Lanceolata will be helping Ms. Bolofo to enhance her knowledge in the relevant field of study and introducing her to the relevant labor market and industrial environmental management. The below are her day-to-day duties; assist in;

* Project administration
* Map productions
* Assist senior EAP with field work and data collections
* Compiling Environmental Management Programme Reports
* Environmental Monitoring and Audit ( ECO)
* Route verifications, walkthrough and baseline assessments reporting
* Assisting with the compilation of Basic Assessment reports.

**SUMMARY OF SERVICES OFFERED BY PLANTAGO LANCEOLATA PTY LTD:**

***Environmental Management and Mining Services***

* Route/site verifications and walkthrough Reports
* Environmental Impact Assessments (EIAs)
* Scoping and Environmental Impact Reports (S&EIRs)
* Mining Permits, Mining Rights and Prospecting Right Applications
* Environmental Basic Assessments and Development of Mining EMP,
* Development of EMPr for roads, pipelines, powerlines and all constructions Mining Permit Applications for Small scale Mining (borrow pits) (Mineral Act 28 of 2002)
* Stakeholder Engagement (Full Public Participation Process)
* Integrated Water Use License Applications (IWULA)
* Integrated Waste Management Licence Applications (IWMLA)
* Protected Plants License Application (PPLA)(Protected tree Identification)
* Environmental Legal Compliance and Auditing (Environmental Control Officer Services)
* Environmental Education and Awareness Training (for the construction sites)

***Specialised Assessments***

* Mining Closure plans
* Veld Conditions Monitoring (Within mining areas)
* Fauna and Flora Studies
* Water Quality Monitoring
* Baseline Environmental Assessment Reports for mines, farms and undeveloped lands
* Due diligence Reports
* Land Use Management Advisory (Section 42D)
* Rehabilitation and Re-Vegetation Plans
* Rehabilitation Monitoring programmes
* Botanical Surveys
* Biodiversity strategy and Action Plans (BSAP) for farms, mines, etc.
* Parks Management Plans, Monitoring Compliance and Auditing
* Wetland Delineation Studies
* Climate Change studies

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Year** | **Project** | **Location** | **Value** | **Role/Entity** |
| **2015** |  |  |  |  |
| Basic Assessment for proposed Takataka shopping complex Limpopo Province |  |  |  |
| Basic Assessment for proposed Kutama City Mall Limpopo Province | Nkuna Consortium |  | EAP |
| EIA and EMPr For diamond Northern cape Barkly west |  |  | EAP |
| Currently completed a comprehensive study on wetland delineations and Biodiversity studies for the formalisation and town establishment at Sebokeng extension 31 farm Houtkop | Sebokeng, Emfuleni Local Municipality Gauteng Province |  | Wetland Ecologist |
| Currently busy with development of wetland rehabilitation plans and interventions for the Suikerbosrand Nature Reserve | Gauteng Province, Suikerbosrand Nature Reserve | confidential | Wetland Ecologist |
| Water Use Licensing for Smit mine Ermelo | Mpumalanga province | Unknown | EAP/project manager |
| Rehabilitation plan Paulshof 11kV powerline | Paulshof Gauteng | Unknown | Rehab specialists |
| Rehabilitation plan 22kV Ivory park powerline | Ivory park Gauteng | Unknown | Rehab specialists |
| Basic Assessment (EIA) Retail, shopping complex and skills development centre | Limpopo Mohodi Ga Manthata | Unknown | EAP and Project manager |
| Rehabilitation plan and monitoring of Klippoortjie pump station, Ekurhuleni Municipality | Germiston | uknown | Rehab specialists |
| Compilation of IWWMP and Section 27 motivations development for Smit mine | Ermelo | Unknown | Project Coordinator |
| Aquatic study Smit mine | Ermelo | Unknown | Ecologist |
| Wetland study Paulshof 11kV powerline | Gauteng | Unknown | Ecologist |
|  |  |  |  |
| Aquatic study Ivory Park 11kv powerline | Ivory park | Unknown | Ecologist |
|  | Environmental Management Plan for a license testing ground | North West | Unknown | Environmental Assessment Practitioner |
|  | Water Use License and Water Registrations for De Hoop Dam Project | Mpumalanga/Limpopo Province | Unknown | Environmental Assessment Practitioner |
|  |  |  |  |  |
| **2014** | Biodiversity and Impact Assessment for a Coal mining project- Thamago Investments | Piet Retief | Unknown value | Environmental Manager |
|  | Environmental Monitoring and Legal Compliance Road PUDP 666 | Thohoyandou-Sibasa | unknown | Thohoyandou-Sibasa |
|  | Environmental Management Plan for a Mankweng sports facility | Mankweng, Limpopo Province |  | Environmental Assessment Practitioner |
|  | Mining permits and prospecting Rights for mines | Limpopo Province |  | Environmental Assessment Practitioner |
|  | EIA for Town Establishments, Oil, petrol, Diesel and Petrol depot | Matoks, Makgato Limpopo Province |  | Environmental Assessment Practitioner |
| **2012** | Ecological Impact Assessment De Hoop Dam | Groblersdal | unknown | Ecologist |
| Environmental Baseline Assessment and Report for solar development project | Phalaborwa | Unknown | Environmental Assessment Practitioner |
| Various EIA and EMP for Eskom 132kV powerlines | North West, Limpopo, Gauteng, and Mpumalanga Province | Unknown | Environmental Assessment Practitioner |
|  |  |  |  |
| **2011,2012,2013,2014** | Various EIA and EMP for Eskom 132kV powerlines | North West, Limpopo, Gauteng, and Mpumalanga Province | unknown | Environmental Assessment Practitioner |
| **2011,2012,2013,2014,2015** | Various Environmental Management Plans for roads | Limpopo and Mpumalanga province | unknown | Environmental Assessment Practitioner |
| **2011,2012,2013,2014,2015** | Various Environmental Management Plan and EIA for town developments | Limpopo, North west and Mpumalanga Province | unknown | Environmental Assessment Practitioner |

**Projects Achievement**

|  |  |
| --- | --- |
| ***11. Detailed Tasks Assigned*** | ***Work Undertaken that Best Illustrates Capability to Handle the Tasks Assigned*** |
| ***Ecologist Thamago Investment Pty Ltd*** | ***Ecological study including wetland delineations and borehole setting for the coal mining project; Mpumalanga Province***  *Year: 2015*  *Piet Retief*  *Client: Thamago Investment Pty Ltd*  *Main Project Activities: Coal mapping, wetland mapping, biodiversity management and impact assessment*  *Position held: Ecologist and Project team leader* |
| ***Environmental Assessment Practitioner for Eskom planning, Land and Rights Negotiations (EAP for Shumani SHE Specialists)*** | ***Name of project: Construction of Mhinga-Mbahe Substation and 24KM Chickadee Loop in Loop out line, Limpopo Province***  *Year: 2012*  *Location: Thohoyandou,*  *Client: Eskom Soc Limited Limpopo Operating Unit*  *Main project features: Construction of Mhinga-Mbahe Substation and 24KM Chickadee Loop in Loop out line*  *Position held: Specialists Environmental Consultant*  *Activities performed****:*** *Coordinate Environmental management issues up to the success of obtaining RoD, Environmental Authorisation* |
|  |  |
| ***Coordination, supervise and License applications*** | ***Name of project: Mankele-Mammogolo Water Use License Application for 11kV powerline, powerline stream crossings,***  *Year: 2014/15*  *Location: Mpumalanga Province*  *Client: Yolanda Consulting*  *Application for a Water Use License Application*  *Position held: Project Leader*  *Activities performed: Apply for a Water Use License and granted* |
| ***Planning, and project management in the roads project*** | ***Name of project: Construction Environmental Management Plan for Phadi Road, North West***  *Year: 2014*  *Location: North West Province*  *Client: MVE Consulting Engineers*  *Main project features: EIA and water use license applications*  *Position held: Environmental Coordinator* |

***Our clients***

* *Government Departments*
* *Private Sectors*
* *Property Developers*
* *Consulting Engineering Companies*
* *Mining Companies*
* *Farmers (Communal and Commercial)*
* *Agronomists*
* *Municipalities (Local and Districts)*
* *Self-Funded Projects*
* *Trusts*