
Landscape Dynamics Environmental Consultants

Company Profile

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Gauteng Province- Pretoria (Head) Office

91 Wenning Street, Groenkloof, Pretoria, 0181

Western Cape Province- Cape Town Office

3 Palomino Close, Die Wingerd, Somerset West, 7130

Representation offices

Limpopo, Mpumalanga, Kwazulu-Natal & Northern Cape Provinces

Central Contact Details

Tel: 012 460 6043 / 082 566 4530

: 086 685 3822 info@landscapedynamics.co.za

agrobler@landscapedynamics.co.za

PO Box 947, Groenkloof, Pretoria, 0027

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1. INTRODUCTION

Landscape Dynamics cc is an environmental consultancy firm, established in May 1997. It is an Exempted Micro Enterprise (EME) with a B-BBEEE Contributor Level of 4 and a Procurement Recognition Level of 100%.

Landscape Dynamics has significant experience and is well equipped and qualified to undertake work country wide in the environmental field. Extensive experience was gained over the past 19 years with projects undertaken in both the private and public sector. Projects include residential and industrial townships; private resorts; service infrastructure projects (i.e. electricity, water & sewage pipelines, roads and bridges) and filling stations.

Projects for both Eskom Distribution and Eskom Transmission:- more than 50 projects for Eskom were successfully executed. The in-depth understanding of Eskom's requirements for EIAs, Basic Assessments and Environmental Management Plans (EMPs) is invaluable to also successfully execute any power related projects that include renewable energy projects.

Through direct relevant and significant experience, Landscape Dynamics is arguably yet justifiably one of the best firms to provide a complete one-stop package for project management in the environmental field; from the feasibility and inception phases of the development up to the successful implementation of the conditions of environmental authorisation.

The Environmental Assessment Practitioners, Ms Annelize Grobler and Ms Susanna Nel, were either project manager or co-responsible for the end-product of all mentioned projects listed under Paragraph 5 below. Numerous years of significant experience combined with the continuous attendance of training courses to stay informed of updated legislation, policies and procedures; excellent knowledge of Microsoft Office, Power Point and Excel computer programmers together with good peoples' skills ensure that Landscape Dynamics is well-equipped as Environmental Assessment Practitioners and/or Project Managers on projects of any scale.

Landscape Dynamics has as an excellent track record in terms of Environmental Authorisation. Over the past 19 years no single application was ultimately refused.

2. SERVICES OFFERED

- Environmental Impact Assessments (Ensure compliance with the National Environmental Management Act, 1998 (Act No 107 of 1998))
- Water Use License Applications
- Environmental Control Officer
- Amendments of Environmental Authorisations
- Environmental Management Programmes
- Project Management
- Stakeholder Engagement Programmes (Public Participation) and community liaison
- Compilation of Provincial Management Systems Plans / Provincial Biodiversity Map Books
- Compilation of Zoning Plans for Dam Basins / Sustainable Utilisation Plans

Landscape Dynamics established strong professional relationships with specialists and professionals in their fields in order to execute total project development:

- Biodiversity Studies (Fauna, Flora, Avi-Fauna; Aquatic Studies)
- Wetland and Riparian Delineations
- Visual Impact Assessments
- Heritage Impact Studies
- Paleontological Assessments
- Social Impact
- Soil & Agricultural Potential
- GIS Applications
- Socio-economic Studies
- Route determination on linear projects
- Geotechnical Studies
- Geo-hydrological Studies
- Engineering Services (Bulk Supply; Traffic Studies; Filling Station Feasibility Studies)
- Town Planning Services
- Legal Review

3. GENERAL APPROACH TO CONSULTANCY WORK

Landscape Dynamics' strength is in taking a multi-disciplinary approach to enable a cost- and time efficient service to all its clients whilst ensuring work of a high standard.

Careful consideration of the scope of work is done prior to any actions being taken. This ensures that only relevant issues are addressed and that work unnecessary to reach the objective of the study or work unnecessary for consideration of approval by the authorities, is not undertaken. This approach ensures that obvious work required to comply with relevant legislation is already quoted for and included right from the start to prevent unnecessary time delay down the line.

Skills Development

Landscape Dynamics Environmental Consultants realises the need for skills development and obtaining workplace experience in order to increase employment opportunities within the environmental industry. The ultimate objective is to improve the B-BBEE rating of Landscape Dynamics by involving a black woman in the company structure who is trained with appropriate experience in the environmental field and would be competent to face the challenges associated with environmental projects.

4. THE PROFESSIONAL TEAM & AREAS OF WORK

Landscape Dynamics strives to supply a personal professional relationship with clients in a hands-on approach that is achieved through the strategic placement of relatively small offices throughout the country manned by limited personnel from different fields of expertise.

Due to the nature of Environmental Impact Assessments, work can effectively be done via the internet and electronic equipment. It is however important to have local representation in the relevant provinces to enable effective communication and a local base from which work can be executed, however the operating base for Landscape Dynamics is the entire South Africa.

The Head Office with four permanent staff members is located in 91 Wenning Street, Groenkloof, Pretoria. Landscape Dynamics is primarily managed from this office. Annelize Grobler is the Principal / Managing Member of

Landscape Dynamics CC. She is a qualified landscape architect who obtained valuable working experience in environmental management in the Department of Water Affairs for a period of 8 years before she established Landscape Dynamics Environmental Consultants in May 1997. She is supported by Zelda van Zyl, Assistant to the EAP, one cleaning lady and one security & maintenance person.

Regional representation in the Western Cape Province is at the offices located at 3 Palomino Street, Die Wingerd, Somerset-West. Susanna Nel is the manager of the Cape Town office. She is an EAP with extensive experience in EIA project management; Public Participation; and Financial Management. She was the co-founder of Landscape Dynamics (1997) and in 2006 established Dirisana Environmental & Ecological Consultants in Cape Town. Her initial training was in marketing and business management, however she established herself well in the field of environmental impact management supported by attending numerous environmental courses at the University of Potchefstroom and though intensive direct experience obtained in the environmental field.

Landscape Dynamics also has a footprint in Vaalwater (Limpopo Province), Emalahleni (Mpumalanga), Margate (Kwazulu-Natal) as well as Upington (Northern Cape).

5. PROJECT HISTORY AND EXPERIENCE

ENVIRONMENTAL IMPACT ASSESSMENT PROJECTS

Projects in compliance with regulations stipulated in the Environment Conservation Act, (Act No 73) of 1989

Environmental Feasibility Assessment

- RPT Johannesburg North Project : Zandspruit Phase 2, Gauteng Province Bigen Africa, Pretoria
- Township development as part of the Alexandra Renuwal Project, Gauteng Province Bigen Africa, Pretoria
- Lion Park Township in-site upgrade project, Gauteng Province Bigen Africa, Pretoria
- Rabie Ridge, etc. Johannesburg North RPT Housing Project, Gauteng Province, Bigen Africa on behalf of the Gauteng Department of Housing

Environmental Screening Process

- Cellular Communication Base Stations for Ericsson, Gauteng SRK Consulting Engineers and Scientists

Environmental Scoping Study

- Mweti Weir, Mpumalanga BKS Engineers and Project Managers
- Sandbult Weir, Mpumalanga BKS Engineers and Project Managers
- Boschhoek Town Development for Amplats, Northwest Province De Jager & Associates Town Planners
- Oaklane Estate Township Development, Dullstroom, Mpumalanga Poltimore Trading Limited
- Westcliff/Parkview Golf Estate Township Development on the Parkview Golf Course, Johannesburg, Gauteng – project was however cancelled halfway through the process Kilimani Development Holdings
- Zwartkops Country Estate, Gauteng C.A.P.E. Developers
- Lochiel Oshoek Bulk Water Supply Scheme, Mpumalanga Tumber Fourie, Nelspruit
- Nsikazi North Water Treatment Plant, Mpumalanga and Northern Province Hawkins Hawkins & Osborn Consulting Engineers
- Wigwam Golf Estate, Rustenburg (Northwest Province) Frans Farmer Architects; Northwest Province
- Ikhukseng Resort Development, Limpopo Province Mr Johann Maritz, on behalf of Maritz Boerdery Trust
- De Grooteboom Township Development, Mpumalanga Province Emeritius Investments 28 (Pty)Ltd
- Zwartkops Golf Estate Phases 2, 3 & 4, Gauteng Province Krisprop 12 (Pty) Ltd
- Buffelshoek Private Resort Development, North West Province Mr Thys Maritz

- Mont Rouge (Pecan View) Township Development, North West Province Wilcon Development, Pretoria
- Dobsonville Extension Township Development, Gauteng Province Bigen Africa, Pretoria
- Eldo Lakes Township Development, Gauteng Province Mr Theo Cilliers, Pretoria
- Everglades Township Development, North West Province Captain Sterling Investments 90 (Pty) Ltd
- Detergent Mixing Facility at the Oaks, Limpopo Province Tumber Fourie Consulting Engineers, Nelspruit
- Thulamahashe Road Upgrade, Limpopo Province Tumber Fourie Engineers, Nelspruit
- North West Gateway Shopping Centre, North West Province Ronson Trading, Pretoria
- Kabokweni Waste Water Works (new plant and emergency repairs), Mpumalanga, SKC Engineers, Nelspruit
- The Rest Township, Nelspruit, Mpumalanga Province Lure Investments (Pty) Ltd
- Tamboti River Nature Estate, Limpopo Province Mr Albertus Booysen, Pretoria
- Croc River Development, Dullstroom, Mpumalanga Province, Calgro / Mr Jan Wilken, Lydenburg
- Ponte Vecchio Township, Hartbeespoort Dam, Northwest Province Mr Christo Grobler
- Dombeya Township, Hartbeespoort Dam, Northwest Province Mr Johan Le Roux
- Amorosa X34 on Little Falls 15, Gauteng Province, Mr Mike Edwards
- Newlands Private Game Reserve, Limpopo Province Cadcon
- Swartruggens Private Game Reserve, Northwest Province Mr Marius Nel
- Inyaka Dam Access Road, Limpopo Province, Bigen Africa, on behalf of the Dept of Water Affairs & Forestry
- Zandspruit Phase 2 Township, Gauteng Province Bigen Africa on behalf of the Gauteng Department of Housing
- Subdivision of Van Wyks Restant, Savannah Eco Estate, Gauteng Province Mr Willem Vermaak
- Leloko Lifestyle Estate, Northwest Province Mr Ian Meyer
- Burgersfort X30 & X31, Mpumalanga Province Mr Jaco van der Walt
- Elandslaagte Project, Dullstroom, Mpumalanga Mr & Mrs Colin Foster
- Hartbeesfontein Project, Brits, NW Province Greeneyewee Investments (Pty) Ltd, Mr Hennie Joubert
- Zilkaatsnek Wildlife Estate Phase 1, Brits, NW Province Mr Abel Du Toit
- Spruce Meadows Polo & Equestrian Estate, Hartbeespoort Dam, NW Province Mr Henning Pretorius ito ECA
- Lotus Gardens X 1 Township, Gauteng Province Cosmopolitan Projects
- Worcester Road Upgrade and Cemetery, Limpopo Province, Rigogo Projects
- Sekhukune Wildlife Estate, Limpopo Province, Rooibees Boerdery (Pty) Ltd
- Celtisdal X 20 Township Development Mr Pierre Maritz, Johannesburg
- Helshoogte Residential Development, Stellenbosch, Idada Trading 110 (Pty) Ltd, in association with Dirisana Environmental Consultants
- Dal Loop Provincial Road Upgrade, Paarl, Camdekon Engineers, in association with Dirisana Environmental Consultants
- Compagnies Drift Residential Development, Botrivier, Golf Jonker Import and Export CC, in association with Dirisana Environmental Consultants

Environmental Impact Assessment

- Mpumalanga Feasibility Study – Matibidi Area, Mpumalanga V3 Consulting Engineers, Nelspruit for DWAF
- Mpumalanga Feasibility Study – Nkomazi Area, Mpumalanga Endecon Engineering Consultants, Nelspruit for DWAF
- Der Brochen Time Share Resort. Mpumalanga JPN Investments, Pretoria

EIA Exemption Application

- Vlakfontein Bulk Water Supply, Gauteng Bigen Africa Consulting Engineers
- Ralotsha Plessis Township Development, Northwest Province Gerdora cc
- Amplats HMO Hospital Project, Northwest Province Anglo Platinum
- Sibange Pumpstation, Mpumalanga Bigen Africa, Nelspruit
- Driekoppies Water Supply Scheme : Pumpstation and Pipeline to Right Bank Villages, Mpumalanga, Bigen Africa, Nelspruit
- Silt Control for the Southern Nsikazi Raw Water Pump Station, Mpumalanga SKC, Pretoria

- Arbourfell Township, Parc Du Cap, Northwest Province C.A.P.E. Developers
- Driekoppies Water Supply Scheme : Water Purification Works and Pipeline to Left Bank Villages, Mpumalanga, Bigen Africa, Nelspruit
- Jeppes Reef Rising Main, Mpumalanga Endecon, Nelspruit
- Dluhluma Pipeline, Mpumalanga Bigen Africa, Nelspruit
- Magudu Water Treatment Plant, Mpumalanga Bigen Africa, Nelspruit
- Masibikela Water Treatment Plant, Mpumalanga Bigen Africa, Nelspruit
- Steenbok Reservoir & Lusaka Pipeline, Mpumalanga Bigen Africa, Nelspruit
- Augmentation pipeline to the Simile Bulk Water Supply Scheme, Mpumalanga Province Bigen Africa, Nelspruit
- Dipaleseng Sewage Infrastructure, Mpumalanga Province Tumber Fourie Consulting Engineers, Nelspruit
- Cunningmoor A & B Water Reticulation Project, Limpopo Province, HH&O Consulting Engineers, Johannesburg
- Newington A, B and C Water Reticulation Project, Limpopo Province HH&O Consulting Engineers
- Barberton Reservoir, Mpumalanga Province Tumber Fourie Consulting Engineers, Nelspruit
- Brits X92, North West Province Mr Jan De Klerk, Brits
- Private Resort on Zandfontein 447 JQ, North West Province Eternity Star Investments cc, Hartbeespoort
- Waterval East X25, North West Province Hocom Prop (Pty) Ltd
- Mgcobaneni Reservoir, Mpumalanga Province Tumber Fourie Consulting Engineers, Nelspruit
- Homes Haven X3, Gauteng Province Hocom Props., Johannesburg
- Tonga East Water Supply Pipeline, Mpumalanga Bigen Africa, Nelspruit
- Phakama Bulk Water Supply Pipeline, Mpumalanga Bigen Africa, Nelspruit
- Upgrade of the Thulamahashe Water Treatment Works, Limpopo Province Tumber Fourie Consulting Engineers
- Homes Haven X5, Gauteng Province Craus International (Pty) Ltd
- Zwartkops Golf Estate Phase 5, Gauteng Province Krisp Props (Pty) Ltd
- Water and sewage reticulation in Namakgale, Phalaborwa, Limpopo Province SKC Consulting Engineers
- Orchards X37 Township, Orchards, Gauteng Province Golden Pond Trading 12 (Pty) Ltd
- Chantelle X31 Township, Gauteng Province Golden Pond Trading 12 (Pty) Ltd
- Lever Creek Estate, Gauteng Province Krisp Prop 4 (Pty) Ltd
- Amorosa X40 on Little Falls 30 & 31, Gauteng Province, Krous International (Pty) Ltd
- Naas Water Treatment Works, Mpumalanga Province Bigen Africa
- Amersfoort Pipeline, Mpumalanga Province Bigen Africa
- Strubensvallei X22, Gauteng Province Mr Marius Boersma
- Strubensvallei X8, Gauteng Province Mr Eddie Morf
- Strubensvallei X10, Gauteng Province Mr Eddie Morf
- Terenure X74 Township, Gauteng Province Cosmopolitan Projects
- Montana X 132, Gauteng Province Golden Pond Trading 12 (Pty) Ltd
- Amersfoort Water Reticulation Network, Mpumalanga Province Bigen Africa
- Wintersnest X7, Gauteng Province Financial Assistance for Africa, Mr Johan van der Westhuizen

External Evaluation of Report

- Evaluation of the EIA Scoping Study for the Greater Nylstroom Wastewater Treatment Plant Upgrade, Northern Province, BKS Engineers and Project Managers
- Evaluation of EIA Scoping Study for Phagameng X7, Northern Province, BKS Engineers and Project Managers

Compilation of an Environmental Management Plan

- Equestria X105 Township Development, Gauteng Van Zyl & Benadé Town Planners, Gauteng Province
- Private development, Wellington Nature area, Mr Johan Odendaal

Specific Vegetation Study

- Vegetation Study on the Inchbrakie Falls for an Environmental Impact Assessment on the proposed Spring Grove Dam, Kwazulu-Natal Province Department of Water Affairs and Forestry Head Office, Pretoria

Eskom: Environmental Authorisation in terms of ECA and other Environmental Studies

Eskom: Environmental Authorisation in terms of ECA: Scoping and Environmental Impact Assessment

- Goedgedacht Project, Northwest Province, Eskom Pietersburg Office
- Louis Trichardt/Flurian 132 kV Refurbishment, Northern Province, Eskom Pietersburg Office
- Overysseel Project, Northern Province, Eskom Pietersburg Office
- Power Supply to the Anglo Platinum Western Limb Tailings Project, North West Province, Eskom Distribution Northern Region
- Vaalwater Dorset Eskom Project, Limpopo Province, Eskom Distribution
- Lomond/Scheerpoort Powerline, Northwest Province Eskom, Rustenburg
- Louis Trichardt-Paradise-Venetia Mine 120km Powerline Project, Limpopo Province, Eskom Distribution, Northern Region
- Louis Trichardt-Soutpan-Venetia Mine 140km Powerline Project, Limpopo Province, Eskom Distribution, Northern Region
- PP Rust 70km Powerline Project, Limpopo Province, Eskom Distribution, Northern Region

Eskom: Specific Environmental Management Plan

- Lomond-Scheerpoort Powerline, Northwest Province, Eskom Rustenburg

Eskom: External Review of Scoping Report

- Kokoriba Substation, Northwest Province, Eskom Rustenburg
- Rustenburg Furnace Interconnector, Northwest Province, Eskom Rustenburg
- Western Platinum Lonmin Powerline Dismantling and Erection of Lines for the Purpose of Open-cast Mining, Northwest Province, Eskom Rustenburg
- Bighorn/Wonderkop-Middelkraal Dismantling and New Line for strengthening of the Trident/Bighorn 88kV Network, Northwest Province, Eskom Rustenburg

Eskom: Post-construction Environmental Review

- Lomond/Scheerpoort Powerline, Northwest Province, Eskom Rustenburg

Projects in compliance with regulations stipulated in the National Environmental Management Act, (Act No 107 of 1998) as amended and published in 2006, 2010 and 2014 (some projects are still in progress)

Basic Assessment

- Brits X120, Motor Show Room, NW Province, Abel Du Toit
- Shatale Water Transfer Line, Mpumalanga Province, Tumber Fourie Consulting Engineers
- Tonga Water Transfer Line, Mpumalanga Province, Tumber Fourie Consulting Engineers
- Inyaka Dam Water Pipeline; Mpumalanga Province; Bigen Africa Consulting Engineers
- Bridge 483 Widening, Gauteng Province; SKC Consulting Engineers
- Witfontein-Nungu Township Development, Gauteng Province, Nungu (Pty) Ltd
- Clubview X95, Gauteng Province, Krisp Props 12 (Pty) Ltd
- Derdepoortpark Industrial 2 Townships, Platinum Town Planners
- Rietfontein-Manor X20 Township. Mr Patty Hinde
- Filling Station in Heilbron, Mr Jaques van Rooyen, Free State Province
- Brits X120 Filling Station, Mr Abel Du Toit, Northwest Province
- Bapsfontein Filling Station, Interbilt (Pty) Ltd, Gauteng Province
- Brits X161 Township, Brits, North West Province
- Jamboree Pipeline, City of Tshwane, Gauteng

- Grootfontein Pipeline, City of Tshwane, Gauteng
- Mooikloof Pipeline, City of Tshwane, Gauteng
- Country View X21 (Phase 1) : Filling Station, Ms Thersia Pretorius, Gauteng
- Country View X21 (Phase 2) : Business, Commercial and Retail, Ms Thersia Pretorius, Gauteng
- Centurion PRASA Project; upgrade of the stormwater system for Semane Civil Engineers
- Dalpark X19 Filling Station at Carnival Junction for MBT Petroleum
- Filling Station in Beaufort-West for Newline Consult
- Rietgat Filling Station in Mabopane for MBT Petroleum
- Donkerhoek Filling Station for Mr Henning Grange

The following Basic Assessments were undertaken in association with Dirisana Environmental Consultants in the Western Cape Province

- Houtbosch Residential Development, George, Ace of Hearts Trading 36 (Pty) Ltd
- Thembalethu Mall and Nonzame Playgroup, George, Arengo (Pty) Ltd
- Shopping Mall, Commercial and Residential Development, Wellington, Springdeals Four CC
- Slipperbaai Residential Development, St Helena Bay, St Helena Stevedores (Pty) Ltd
- Almenkerk Winery, Elgin Valley, Grabouw, Ama Casa Props 35 (Pty) Ltd
- Arrumwood Residential Development, Somerset West, DS Sarnia (Pty) Ltd
- Portion 46 of Farm 454 Industrial Development, Blackheath, Wimbledon Road (Pry) Ltd
- TopCliff Agricultural Estate, Somerset West, Late Estate F.W.F.H.H. Fürst Zu Solms-Baruth
- Erf 2468 Residential Development, Wellington, Violet Star Properties 10 (Pty) Ltd
- Blue Rock Residential Development, Sir Lowry's Pass Village, Roman Emperor Investments
- Babylonstoren Winery, Paarl, Babylonstoren (Pty) Ltd
- Groenheuvel Residential Development, Paarl, Tresso Trading (Pty) Ltd
- Erven 195, 1693 and 1694 Residential Development, Riebeeck West, Fine Vision Investments 76 (Pty) Ltd
- Erf 8407 Residential Development, Paarl, Silvercrow Properties (Pty) Ltd
- Newton Residential Development, Paarl, Tresso Trading (Pty) Ltd
- Erf 10001 Industrial Development, Wellington, Kirribilli Village (Pty) Ltd
- Firstcape Winery, Paarl, Firstcape Cellar (Pty) Ltd
- Erf 1184 Residential Development, Strand, Golden Hind Properties CC
- King Arthur Village Residential Development, Kuilsrivier, Mystic Pearl (Pty) Ltd
- Erf 1842 Residential Home, Struisbaai, Coetzee Family Trust

Full Scoping & Environmental Impact Assessment

- Orchards X45, Gauteng Province, England Builders, for Mr Izak Botha
- Gem Valley Extensions 1 - 4, Gauteng Province, Cosmopolitan Projects
- Gem Valley Extensions 5 - 16, Gauteng Province, Cosmopolitan Projects
- Zilkaats Wildlife Estate Phase 2, Northwest Province; Mr Abel Du Toit
- Groot Marico Extension (Marico Bosveld Dam), Northwest Province; AJK Projects
- Spruce Meadows Polo & Equestrian Estate, Hartbeespoort Dam, NW Province Mr Henning Pretorius ito NEMA
- ATKV Buffelspoort Upgrade Project, Northwest Province, ATKV Resorts
- Nellmapius Project No 1; JSG Developments (on behalf of the City of Tshwane Metropolitan Municipality)
- Nellmapius Project No 2; JSG Developments (on behalf of the City of Tshwane Metropolitan Municipality)
- Nellmapius Project No 3; JSG Developments (on behalf of the City of Tshwane Metropolitan Municipality)
- The Willows Project; JSG Developments (on behalf of the City of Tshwane Metropolitan Municipality)
- Upgrade of the Klipspruit Sewage Treatment Works, for V3 Consulting Engineers on behalf of the Emalahleni Local Municipality
- Trichardt X7 Township, for the NHK Hervormde Kerk Trichardt, Mpumalanga
- Petroleum Depot and new head offices for MBT Petroleum, Waltloo, Gauteng

Environmental Supervision

- Environmental Supervision for Alexandra X10 Housing Project, Gauteng Province, Alexandra Renewal Project
- Eskom Delmas North Substation and 132kV Powerline, Gauteng
- Repairs to the slope of the Abel Erasmus Pass, Limpopo Province for SANRAL Northern Region

Section 24 (G) Non-Compliance Application

- Brits X120 Township, Northwest Province, Mr Abel Du Toit
- Wigwam Hotel & Golf Estate, Northwest Province, Mr Hans Marx

Application for Amendment of Environmental Authorisation

- Leeuwenbosch Substation, Eskom Western Cape Operating Unit
- Theresapark X52, Mr George Chantler, Gauteng
- Orchards X63-X66, Mr Wally Teichman, Gauteng - Process was halted

Preparation and compilation of Environmental Management Plan for Prospecting Rights

- Zilkaatsnek Prospecting Rights, Northwest Province, Halovax (Pty) Ltd

The following applications were undertaken in association with Dirisana Environmental Consultants

- Thembaletu Mall and Nonzame Playgroup, George, Arengo (Pty) Ltd
- Arrumwood Residential Development, Somerset West, DS Sarnia (Pty) Ltd
- Blue Rock Residential Development, Sir Lowry's Pass Village, Roman Emperor Investments
- Erf 1184 Residential Development, Strand, Golden Hind Properties CC

Eskom: Environmental Authorisation in terms of NEMA and other Environmental Studies

Eskom: Environmental Authorisation in terms of NEMA – Basic Assessment

- Tshino Project, Limpopo Province, Urguneg Consulting
- Witkop-Lebowa 32km Powerline Project, Limpopo Province, Urguneg Consulting
- Voorspoed-Dwaalkop 9km Powerline Project, Limpopo Province, Urguneg Consulting
- Shaft 17 Group Project, North West Province, Eskom Distribution, Northern Region
- Hilltop Project, Mpumalanga Province; Urguneg Consulting
- Thohoyandou Project, Limpopo Province, Eskom Distribution, Northern Region
- Nesengani Substation Project, Limpopo Province, Urguneg Consulting
- Pebble Rock Project, Gauteng Province, Eskom Distribution
- Rethabiseng Project, Mpumalanga Province, Eskom Distribution Northern Region
- Musina Upgrade Project, Limpopo Province, Eskom Distribution Northern Region
- Matlabas Bulge Project, Limpopo Province, Eskom Distribution Northern Region
- Matafin Project, Mpumalanga Province; Urguneg Consulting
- Veekraal Substation, North West Province, Eskom Distribution, Northern Region
- Shaft 15 Substation, North West Province, Eskom Distribution, Northern Region
- Nooitgedacht Substation, Mpumalanga Province, Eskom Distribution, Northern Region
- Ermelo–Majuba 60km Powerline, Mpumalanga Province, Eskom Distribution, Northern Region
- Marang Shaft 16km Powerline, Mpumalanga Province, Eskom Distribution, Northern Region
- Riversong Project, Eskom Distribution, Menlyn Office
- Three sections of the Marble Hall NDP Project, Eskom Distribution, Witbank Office
- Anglo Coal Bravo New Largo-Khutala Project, Eskom Distribution, Witbank Office
- Anglo Coal Cologne Smithfield Project, Eskom Distribution, Witbank Office

- Garona-Groblershoop Project, Northern Cape, Eskom Distribution: Western Cape Operating Unit
- Blouwater-Uiekraal Project, Western Cape, Eskom Distribution: Western Cape Operating Unit
- Bredasdorp-Arniston Project, Western Cape, Eskom Distribution: Western Cape Operating Unit
- Phantom Substation, Knysna, Western Cape, Eskom Distribution: Western Cape Operating Unit
- Muldersvlei-Platteklouf Project, Western Cape, Eskom Distribution: Western Cape Operating Unit
- Eskom Magopela-Pitsong Project, Eskom Distribution: North West Operating Unit
- Eskom Lephalale CNC Project, Eskom Distribution: Limpopo Operating Unit
- Eskom Marken CNC, Limpopo Operating Unit
- Geluk-Rural Project, Brits, Eskom Distribution, North West Operating Unit
- Lethabong Project, Brits, Eskom Distribution, North West Operating Unit
- Leeuwenbosch Substation, Eskom Distribution, Western Cape Operating Unit
- Fibre-Groblershoop Project, Northern Cape, Eskom Distribution: Western Cape Operating Unit
- Mier Substation Project, Northern Cape, Eskom Distribution: Western Cape Operating Unit
- Houwhoek F1 Project, Western Cape, Eskom Distribution: Western Cape Operating Unit
- Syferkuil-Rampheri Project, Eskom Distribution : Limpopo Operating Unit
- Chemie Substation and 14km powerline, Phalaborwa, Limpopo Operating Unit
- New Koeberg Pollution Insulator Test Station (KPITS), Western Operating Unit
- Decommissioning of the Penge Substation, Burgersfort, Limpopo Operating Unit

Eskom: Environmental Authorisation in terms of NEMA – Scoping and Environmental Impact Assessment

- Kimberley Strengthening Phase 4 Project: Beta-Boundary: Eskom Transmission, Megawatt Park
- Kimberley Strengthening Phase 4 Project: Boundary-Ulco: Eskom Transmission, Megawatt Park
- Kimberley Strengthening Phase 4 Project: Ulco-Olien-Manganore: Eskom Transmission, Megawatt Park
- Kimberley Strengthening Phase 4 Project: Manganore-Ferrum: Eskom Transmission, Megawatt Park
- Kudu-Oranjemund Project: Eskom Transmission, Alexander Bay & Oranjemond, Megawatt Park

Eskom Management Systems

Eskom: Provincial Environmental Management Systems Plan and Provincial Biodiversity Map Book, Western Cape Operating Unit

WATER USE AND WASTE LICENSE APPLICATIONS (some are still underway)

- Water and Waste License Applications for the Klipspruit Sewage Treatment Works, for V3 Consulting Engineers on behalf of the Emalahleni Local Municipality
- Water Use License Application for the Jamboree Pipeline Project, City of Tshwane, Gauteng
- Water Use License Centurion PRASA Project; upgrade of the storm water system for Semane Civil Engineers
- Water Use License for the Beaufort West Filling Station, Newline Consulting
- Water Use License Application for the Country Place Phase 1&2 townships, Krugersdorp, for Ms Thersia Pretorius
- Water Use License Application for the Grootfontein Bulk Water Supply Project for the City of Tshwane Metropolitan Municipality (appointed by EVN Consulting Engineers)

Eskom Water Use Licences Applications

- Water Use License Application for the Eskom Muldersvlei-Platteklouf Project
- Water Use License Application for the Eskom Garona-Groblershoop Project in the Northern Cape for the Eskom Distribution: Western Cape Operating Unit
- Water Use License Application for the Eskom Mogopela-Pitsong Project, Taung, Eskom NW Operating Unit
- Water Use License Application for the Eskom Vrede-Tembalihle 11kV Project, Eskom Free State Operating Unit
- Bredasdorp-Arniston Project, Western Cape, Eskom Distribution: Western Cape Operating Unit

ZONING OF DAM BASINS (“SUSTAINABLE UTILISATION PLANS”)

- The Zoning of Tzaneen Dam, Department of Water Affairs & Forestry, Northern Province Region
- The Zoning of Buffelspoort Dam, Department of Water Affairs & Forestry, Northern Province Region
- The Zoning of Voëlvlei Dam, Western Cape, Department of Water Affairs & Forestry, Western Cape Region
- The Zoning of the Vaal Dam (Gauteng, Mpumalanga and Free State Provinces), Department of Water Affairs & Forestry, Gauteng Region
- The Zoning of the Maguga Dam, Swaziland, Zoning specialist input on the working team for RAU-ECON on behalf of the Maguga Development Network

VISUAL IMPACT ASSESSMENTS

- Visual Impact Assessment on Scoping Level – Primkop Airport, Mpumalanga, BKS Consulting Engineering Consultants, Pretoria
- Helshoogte Residential Development, Stellenbosch, Idada Trading 110 (Pty) Ltd, in association with Dirisana Environmental Consultants

Eskom: Visual Impact Assessments

- Klevebank Upgrade and 2 X 400 kV Powerlines, Gauteng Province, EIMA, Johannesburg
- Duvha-Leseding Transmission Powerline, Mpumalanga Province, Eskom Transmission, Megawatt Park
- Kimberley Strengthening Phase 4 Project (in association with Newtown Landscape Architects), Northern Cape Province, Eskom Transmission Megawatt Park
- Kudu-Oranjemond Project (in association with Newtown Landscape Architects), Northern Cape Province, Eskom Transmission Megawatt Park
- Sekgame-Bulkop Project, Northern Cape Province (in association with VRM Africa) , Eskom Northern Cape Operating Unit
- Eskom Phantom Substation (in association with VRM Africa), Western Cape Province, Eskom Western Cape Operating Unit

The Curriculum Vitae’s of the following key personnel are provided on the following pages :

- *Ms Annelize Grobler, Manager Pretoria Office, Key Responsibility: Environmental Project Leader/Manager & Environmental Assessment Practitioner*
- *Ms Susanna Nel, Manager : Cape Town Office, Key Responsibility : Environmental Project Leader/Manager & Environmental Assessment Practitioner*
- *Ms Ithiel Joy Kalonda, Apprentice : Skills Development Person, Specific skills to develop : Environmental Management, Site Assessment & Community Consultation*

CONDENSED CURRICULUM VITAE

ANNELIZE GROBLER Manager Pretoria Office

KEY RESPONSIBILITY: Environmental Project Leader/Manager & Environmental Assessment Practitioner

PERSONAL DETAILS

Nationality	:	South African
ID Number	:	650423 0014 081
Years of experience	:	27 years
Academic qualifications and Training Courses	:	BL (Landscape Architecture) Degree – University of Pretoria, 1988
		<ul style="list-style-type: none"> • “Integrated Environmental Management – Theory and Practice” ; University of Cape Town, 1992 • “Principles of the Rehabilitation of Disturbed Areas”; Potchefstroom University for Christian Higher Education, 1997. • “Sharpening the tool: New techniques and methods in Environmental Impact Assessment; presented by SE Solutions, Pretoria, 2014 • “EIA 2014 Legal Regime Workshop”, presented by Imbewu Sustainable Legal Specialists (Pty) Ltd, Cape Town, Feb 2015
Languages	:	Afrikaans (speak, read and write excellent) English (speak, read and write excellent)
Present employment	:	Landscape Dynamics Environmental Consultants
Present position in firm	:	Managing Member
Registration	:	International Association of Impact Association (IAIA)
Telephone Number	:	082 566 4530
Postal address	:	P.O. Box 947, Groenkloof, Pretoria, 0027
Home address	:	91 Wenning Street; Groenkloof, Pretoria, 0181
Marital status	:	Divorced, two children
Health	:	Excellent
Drivers’ license	:	Code 08
Criminal record	:	None
Employment history	:	January 1989 – April 1997: Department of Water Affairs & Forestry May 1997 – present: Landscape Dynamics

SKILLS AND SERVICES OFFERED

- Environmental Project Management
- Environmental Assessment Practitioner
- Community Consultation
- Environmental Control Officer
- Water Use License Specialist
- Environmental Project Management

KEY WORKING EXPERIENCE

DEPARTMENT OF WATER AFFAIRS AND FORESTRY

Ms Grobler established the basis of her working experience in the Department of Water Affairs and Forestry where she was responsible for the application of Integrated Environmental Management during all phases of water project development. This included the compilation of Environmental Impact Assessments (ecological and social), identification of rehabilitation specifications, undertaking of Public Participation Programmes and environmental supervision during the construction phase of project development.

Projects of significance with which she was involved during this period, include

- the Orange River System Analysis;
- the Orange River Replanning Study;
- the Vaal Augmentation Planning Studies (Tugela/Vaal Transfer Scheme, Orange/Vaal Transfer Scheme, Lesotho Highlands Project Further Phases);
- the Ladysmith Flood Attenuation Scheme (Quedusizi Dam)
- the Klein Karoo Rural Water Supply Scheme.

She initiated and developed the departmental processes for the zoning of dam basins (including zoning guidelines and policies) for the Department of Water Affairs and Forestry. (This document was subsequently extensively revised to include the latest regulations according to the National Water Act, Act 36 of 1988.) The purpose of the dam zonings is mainly to guide conservation, recreation, sport and tourism development and to ensure optimum utilization of a state asset. She was responsible for, or involved with, numerous dam zonings which include, amongst others,

- Roodeplaat Dam
- Ebenezer Dam
- Sterkfontein Dam
- Wriggleswade Dam

During her employment with the Department of Water Affairs and Forestry, she was also responsible for the arrangement of numerous environmental workshops which include, the following :

- Orange River Environmental Workshops No 1 & 2
- Umgeni River Environmental Impact Assessment Workshop
- Tugela River Instream Flow Requirement Workshop
- Interbasin Transfer Workshop

The involvement and attendance of the above events included in most cases the compilation of workshop programmes and information documents, participation in presentations and discussions, the documenting of proceedings, findings and recommendations as well as assistance in the writing of the final reports.

Ms Grobler has on a regular basis been invited (from 1994 to 1997) to present lectures on the recreational utilization of dam basins for the post-graduate course SHC788 Environmental Engineering for the Civil Engineering Department of the University of Pretoria.

Ms Grobler was co-author of the chapter on the environment in the publication "Large Dams and Water Systems in South Africa", published by the Department of Water Affairs and Forestry, May 1994. Ms Grobler was responsible for the section on the zonings of dam basins.

LANDSCAPE DYNAMICS

Ms Grobler established the environmental consultancy firm Landscape Dynamics cc in May 1997. Since this date, she continued with dam zoning projects for the Department of Water Affairs and Forestry, but the emphasis of work undertaken by Landscape Dynamics is at present in the field of Environmental Impact Assessments for both private and government institutions. Experience in detail landscape design was obtained through her responsibility for landscape projects (design and/or construction) primarily for private institutions.

Detail information on Ms Grobler's working experience since 1997 is included in the Company Profile of Landscape Dynamics. As Managing Member of Landscape Dynamics, Ms Grobler was either project manager or co-responsible for the end-product of all mentioned projects.



CONDENSED CURRICULUM VITAE

SUSANNA NEL

Manager : Cape Town Office

KEY RESPONSIBILITY : Environmental Project Leader/Manager, Environmental Assessment Practitioner & Finance

PERSONAL DETAILS

Nationality	:	South African
ID Number	:	680603 0119 089
Languages	:	Afrikaans (speak, read and write excellent) English (speak, read and write excellent)
Present employment	:	Landscape Dynamics Environmental Consultants
Registration	:	International Association of Impact Association (IAIA)
Telephone Number	:	082 888 4060
Home address	:	3 Palomino Street, Die Wingerd, Somerset West, 7130
Health	:	Excellent
Drivers' license	:	Code 08
Criminal record	:	None
Academic Qualifications and Training Courses	:	<ul style="list-style-type: none"> • University of Stellenbosch – B.Econ (1987 – 1989) • Potchefstroom University (1997 & 1998) <ul style="list-style-type: none"> ○ “Introduction to Environmental Management” ○ “Environmental Law” ○ “Environmental Impact Assessments” • Damelin Management School (2004) <ul style="list-style-type: none"> ○ Higher Diploma in Business Management (Cum Laude) ○ “Strategic Environmental Assessments for SIPs (Strategic Infrastructure Project”, IAIA, 2014 • “EIA 2014 Legal Regime Workshop”, presented by Imbewu Sustainable Legal Specialists (Pty) Ltd, 2015 • “Western Cape Public Participation Training Workshop”, IAIA, 2016 • SANBI BGIS Training Course – February 2017 • “Water Use Training: Understanding Watercourses and Managing Impacts to their Characteristics” Workshop – May 2017 • EIA Regulations 2017 Workshop, presented by Smith, Ndlovu & Summers Attorneys, 2017

SKILLS AND SERVICES OFFERED

- Environmental Project Management
- Environmental Assessment Practitioner
- Community Consultation
- Financial Management

KEY WORKING EXPERIENCE

OCTOBER 2012 TO PRESENT – LANDSCAPE DYNAMICS CC

Establishing the Landscape Dynamics regional office in Cape Town.

Project manager and co-responsible for all environmental contracts awarded to Landscape Dynamics, Western Cape and other.

FEBRUARY 2006 TO SEPTEMBER 2012 – DIRISANA ENVIRONMENTAL CONSULTANTS CC

Co-founder of Dirisana Consultants (Environmental & Ecological Consultants)

Specialising in the undertaking of Basic Assessments

Basic Assessments

- Undertaking of a field investigation
- Assessment of the status quo of the affected environment
- Identification and evaluation of possible impacts
- Identification of mitigation measures to minimise these impacts
- Evaluation of impacts after mitigation measures have been applied
- Assessment of alternatives
- Compilation of Basic Assessment Reports
- Compilation of Environmental Management Plans

Public Participation Programmes

- Identification of Interested and Affected Parties (I&AP's)
- Organisation, documentation, attendance and chairing of public meetings
- Addressing of concerns of all I&AP's
- Reaching of reasonable consensus between all I&AP's

Environmental Project Management

- Management of projects according to specific deadlines
- Management and co-ordination of environmental specialists
- Liaison with government departments and NGO's

NOVEMBER 2002 – NOVEMBER 2005: 3M SA, TRAFFIC SAFETY SYSTEMS DIVISION

Business Development Executive (November 2002 – September 2004)

Product Manager (October 2004 – June 2005)

Marketing Manager (July 2005 – November 2005)

Main responsibilities

- Developing and implementation of strategic and marketing plans
- Analysis of industry and competitor activity
- International market intelligence
- Product cycle management
- Sourcing of new products and product launches
- Promotional and advertising campaigns, media releases
- Developing and implementation of pricing strategies
- Maintain and build relations with current distribution channel
- Development of distribution channels for new products
- Management and forecasting of divisional expenditure budget
- Margin and Net Profit management in accordance with corporate targets
- Achieving account receivable targets
- Achieving inventory turns targets
- Inventory and buffer stock forecasts

JANUARY 2002 – OCTOBER 2002: INTERVID LIMITED

Manager: Environmental Division

Main responsibilities

- Sales & Marketing of water- and gas monitoring equipment as well as software for the monitoring of smoke stack emissions and the visual monitoring of tailings dams

SEPTEMBER 1999 – MAY 2001: LEZANDA FARMS (Pty) Ltd

General farm/lodge manager

Sub-division of 2000 ha cattle farm into four smaller game farms for the purpose of resale.

Main responsibilities

- Identification of existing environmental status and measures to rehabilitate and manage the natural veld
- Site identification for areas suitable for development
- Lay-out and design of accommodation facilities
- Lay-out of farm roads and waterholes
- Co-responsible for organising and overseeing of game chasing through 3 of the sub-divided farms (80 temporary workers for 3 weeks)
- Assist with assessments of game quantities as well as condition of game stock

MAY 1997 TO SEPTEMBER 1999 – LANDSCAPE DYNAMICS CC

Co-founder of Landscape Dynamics Environmental Consultants

Specialising in Environmental Impact Assessments and the zoning of state dam basins

Main responsibilities

- The same as mentioned under Dirisana Environmental Consultants

Zoning of State Dam Basins / Dam Utilisation Plans

The zoning process entails the compilation of a development plan for dam basins through the integration of conservation, land use, recreation, sport and development. Consensus on the final zoning/development plan is reached by means of a thorough public participation programme.



CONDENSED CURRICULUM VITAE

Ms Ithiel Joy Kalonda

POSITION: Apprentice (Skills Development Person)

SPECIFIC SKILLS TO DEVELOP: Environmental Management, Site Assessment & Community Consultation

PERSONAL DETAILS

Nationality	:	South African
ID Number	:	920612 0437 086
Years of experience	:	Full-time Student
Academic qualifications & Training Courses	:	Third Year Student National Diploma Nature Conservation University of South Africa (UNISA)
Languages	:	English (speak, read and write) Setswana (speak, read and write) Swati (speak, read and write)
Position in firm	:	Apprentice (Skills Development Person)
Professional Registration and/or affiliations	:	Not yet applicable
Postal & Home address	:	1441 Napier Section, Mmametlhake, 0432
E-mail Address	:	lthielkalonda@gmail.com
Telephone Number	:	076 801 6400
Marital status	:	Single
Health	:	Good
Drivers' license	:	Yes
Criminal record	:	None

SKILLS AND SERVICES OFFERED

She is at present enrolled as a third year student at the University of South Africa. Her key training is in veld, reserve and game management with vegetation and fauna sciences. She requires exposure to environmental impact management. She is employed by Landscape Dynamics Environmental Consultants as an Apprentice with the main aim to develop skills primarily in environmental management, site assessment and community training and to obtain workplace experience.

She is and will be involved with tasks that include the following :-

- Attendance of project planning meetings within the firm
- Attendance of meetings with clients and stakeholders
- Site investigations (preparation; undertaking & site assessment)
- Data collection (on-site and desk-top)
- Assistance with community consultation (identification of stakeholders; preparation of notifications and advertisements; translations; preparation of minutes; etc.)
- Proof-reading of Draft Environmental Impact Reports and Draft Environmental Management Plans
- Compilation and distribution of reports

