

CURRICULUM VITAE OF MILAMBO FREDDY TSHIALA

PERSONAL DETAILS

SURNAME: TSHIALA

NAMES: MILAMBO FREDDY

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CAREER OVERVIEW

2012-Current: Managing Director/EAP/Biodiversity Specialist

2009-2014: Environmental Assessment Practitioner (EAP) at Asande Projects
Consulting and Engineering)

INDUSTRY EXPERIENCE

- Environmental Impact Assessment
- Biodiversity Assessment (Fauna and Flora Assessment, Ridge Study & Wetland Assessment, Invasive Alien Plants study)
- Agricultural Potential Assessment
- Project Management
- Training and Capacity Building

TERTIARY EDUCATION

2014: Doctor of Philosophy in Environment and Society at the University of Pretoria

2006: Master's Degree in Environment and Society at the University of Pretoria

2000: BSC (Honours Degree) in Agronomy at the University of Kongo

SHORT COURSES CERTIFICATES

2015: Occupational Health and Safety Act 1993 (NQF LEVEL 5 WITH CREDIT 12) at UNISA

2015: Applying SHE Principles and Procedures

2015: Construction Regulations Training

2014: Introduction to OHSACT

2013: Wetlands Management: Introduction and Delineation at University of Free State

2006: Horticultural Management Training at the University of Pretoria

2004: Learning ArcGis at University of Pretoria

MEMBERSHIP IN THE PROFESSIONAL BODIES

2013-Current: Registered in the Environmental Assessment Practitioners of South Africa

2014-Current: Registered in the South African Council for Natural Scientific Professions

Maanakana Projects and Consulting (Pty) Ltd

Position: Managing Director

Period: 2012-Current

PROJECT NAME	YEAR	RESPONSIBILITY
ENVIRONMENTAL IMPACT ASSESSMENT		
Basic Assessment of the Proposed construction and maintenance of the Rand Water 3 km Q6 pipeline with a diameter of 1400 mm from Rand Water Eikenhof pump station to Meredale reservoir as part of the inlet and outlet pipe and its associated infrastructures".	2017	Basic Assessment
Basic Assessment for the Proposed Construction of an 18km long pipeline with an internal diameter of 2100 for the remainder of B16 pipeline starting from Zuikerbosch Pumping Station to Slangfontein with associated cross connections and end connections.	2016	Basic Assessment
Basic Assessment for upgrading the Mathyszensloop Bus Route in Thembisile Hani local municipality, Mpumalanga Province	2013	Basic Assessment
Basic Assessment for upgrading the Tweefontein Bus Route in Thembisile Hani local municipality, Mpumalanga Province	2013	Basic Assessment
WATER USE LICENSE APPLICATION (WULA) AND GENERAL AUTHORISATION (GA)		
Upgrade of the National Route N2 section 34 (PIET RETIEF TO ERMELO): Link and Grade-separation scheme for Road P97/2 and Road D803 for Kangra Mine Coal Haulage at Panbult, Mpumalanga proposed Road expansion, Panbult	2017	General Authorisation (GA) in Progress
OCCUPATIONAL HEALTH AND SAFETY		
upgrading of gravel roads and storm water systems in Ga-rankuwa Unit 9	2016	OHS Monitoring and Auditing
Upgrading Of Gravel Roads To Surfaced Roads Standards Inclusive Of Associated Storm water In Braamfischer (Project No.: 0600/2014)	2014	OHS Monitoring and Auditing
Upgrading Of Gravel Roads To Surfaced Roads Standards Inclusive Of Associated Storm water In Orang farm (Project No.: 069/2014)	2014	OHS Monitoring and Auditing
ENVIRONMENTAL MONITORING AND AUDITING		
Tightlining at TM1 at Transnet in Durban	2013-2014	Environmental Monitoring and Auditing
ECOLOGICAL ASSESSMENT (FAUNA AND FLORA)		

Ecological Assessment For the Proposed Construction of an 18km long pipeline with an internal diameter of 2100 for the remainder of B16 pipeline starting from Zuikerbosch Pumping Station to Slangfontein with associated cross connections and end connections.	2016	Fauna and Flora Assessment
Wetland Assessment and Delineation Report as part of the Environmental Assessment and Authorisation Process for the proposed N2 Panbult Interchange upgrade for South African National Roads Agency Limited (SANRAL) Project at Panbult Siding in Mpumalanga Province.	2016	Fauna and Flora Assessment
Report for Flora and Fauna Specialist Studies for Illiondale Wetland Rehabilitation Project in Ekurhuleni Municipality. (Quotation No.: KEQ. ERM. 03.39).	2015	Fauna and Flora Assessment
Flora and Fauna Specialist Studies for the Soutpansberg Drive Wetland Rehabilitation Project in Ekurhuleni Municipality.	2014	Fauna and Flora Assessment
Fauna and Flora Assessment Report as part of the Environmental Assessment and Authorisation Process for the proposed Construction and Establishment of Beef Feedlot and Associated Infrastructures on Portion 2, 8, 9, 11 and 15 of the Kleinwater Farm Project, Mpumalanga Province.	2013	Fauna and Flora Assessment
Fauna and Flora Assessment Report as part of the Environmental Assessment and Authorisation Process for the proposed Expansion and Construction of Poultry Houses for Broiler Production for Farm Puntlyf Bronkhorspruit Project, Gauteng Province.	2013	Fauna and Flora Assessment
Fauna and Flora Assessment Report as part of the Environmental Assessment and Authorisation Process for the proposed Expansion and Construction of Poultry Houses for Broiler Production for Farm Puntlyf Bronkhorspruit Project, Gauteng Province.	2013	Fauna and Flora Assessment
WETLAND ASSESSMENTS		
Wetland Assessment and Delineation Report as part of the Environmental Assessment and Authorisation Process for the proposed N2 Panbult Interchange upgrade for South African National Roads Agency Limited (SANRAL) Project at Panbult Siding in Mpumalanga Province.	2016	Wetland Assessment
Wetland Assessment and Delineation Report as part of the Environmental Assessment and Authorisation Process for the proposed township situated on portion 27 and 28 of the farm Hartherley 331-JR at Mamelodi, City of Tshwane Municipality.	2013	Wetland Assessment
INVASIVE ALIEN PLANTS SPECIES		
Report for the Investigation on the Nature		

and Extent of Invasive Alien Plant Infestations on Rand Water Sites: Rietvlei Site.	2015	Invasive Alien Plant Specialist
Final Report for the Investigation on the Nature and Extent of Invasive Alien Plant Infestations on Rand Water Sites: Zwartkopjes Site (Mapleton, Palmiet and Eikenhof).	2015	Invasive Alien Plant Specialist

ASANDE PROJECTS AND CONSULTING ENGINEERING
POSITION: ENVIRONMENTAL ASSESSMENT PRACTITIONER AND BIODIVERSITY SPECIALIST
PERIOD: MAY 2009-DECEMBER 2014

PROJECT NAME	YEAR	RESPONSIBILITY
ENVIRONMENTAL IMPACT ASSESSMENT		
Basic Assessment for the Proposed Upgrading of Internal Roads and Stormwater Systems in Rayton: Phase 1	2014	Basic Assessment
Basic Assessment for the Proposed Upgrading of Internal Roads and Stormwater Systems in Refilwe: Phase 1	2014	Basic Assessment
ECOLOGICAL ASSESSMENT (FAUNA AND FLORA)		
Fauna and Flora Assessment Report as part of the Environmental Assessment and Authorisation Process for the proposed replacement of M1 pipeline with a new M11 pipeline with an internal diameter of 1200mm and 11km in length from Brakpan Reservoir to Selcourt.	2014	Fauna and Flora Assessment
Fauna and Flora Assessment Report for the Rooiberg Stone (Pty) Ltd In the Province of Limpopo.	2014	Fauna and Flora Assessment
Fauna and Flora Assessment Report for the proposed bulk water supply project from Jane Furse to Lobethal in Limpopo province.	2013	Fauna and Flora Assessment
Fauna and Flora Assessment Report for Embankment Protection Construction on Andrew Mapheto Drive Bridge in the Ekurhuleni Municipality.	2013	Fauna and Flora Assessment
Fauna and Flora Assessment Prepared for the proposed project of construction of 1400mm \square from Waterval to Weltevreden F46 pipeline in the City of Johannesburg Municipality.	2013	Fauna and Flora Assessment
Fauna and Flora Assessment for the Erection of Several agricultural Structures and Infrastructure at the Rooiwal Agricultural Village.	2012	Fauna and Flora Assessment
Fauna and Flora Assessment report on the		

Remainder of Portion 1 of Erf 782, Newcastle Schuinshoogte, Victoria Road (DC25/0022/2012: KZN/EIA/0000961/2012).	2012	Fauna and Flora Assessment
Fauna and Flora Assessment Report for the Proposed Forestry Project in the Eastern Cape Sub quaternary Catchment T33A (St Pole Community) (Project Reference no.: A.N/545/11/546/16/41/17/12)	2012	Fauna and Flora Assessment
Fauna and Flora Assessment Prepared for the Proposed H 39 Pipeline Construction.	2012	Fauna and Flora Assessment
WETLAND ASSESSMENT		
Wetland Delineation Prepared for the proposed project of construction of 1400mm diameter from Waterval to Weltevreden F46 pipeline in the City of Johannesburg Municipality.	2013	Wetland Assessment
Wetland Delineation Prepared for the Project of Elimination of Klipoortjie Sewer Pump Stations in Ekurhuleni Municipality.	2013	Wetland Assessment

REFERENCES

Dr Joel Botai Ondego

Senior Researcher at South African Weather Service

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Ms Tebogo Maile Senamele

Director at Maanakana Projects

And Consulting (Pty) Ltd

Contact: 0794249300

Email: tebogomaile24@gmail.com