

CURRICULUM VITAE

Name: Manqoba Gcina
Surname: Dlamini
Name of Company: Wandima Environmental services
Profession: Environmental Scientist
Professional Affiliations/Membership:
South African Council for Natural Scientific Professionals: **Reg No.500012/15**
Water Institute of Southern Africa: **Reg No.25864**
International Association of Hydrological Sciences: **Reg No.13825**
International Association for Impact Assessment: **Reg No.3638**
Southern and East African Rain Water Harvesting Network
Anthropology for Water Research Group
South African Young Water Professionals
African Ground Water Network

KEY CAPABILITIES/EXPERIENCE/SPECIALIZATION

Water Use Licences, Air Quality Management, Waste Water Management, Wetland Assessment, EIA, Environmental Compliance, Health and Safety. Experience in Integrated Rainwater Harvesting Projects (IRWHP), Soil and Water Analysis - sampling O₁₈ and H₂ in rainfall, groundwater, surface runoff, soil water, perched aquifers and runoff in catchments ranging in size within the Thukela basin (KwaZulu-Natal) and Weatherly Catchment in the (Eastern Cape). Teaching Environmental Education (The Atmosphere, What is the Environment, The Ozone Layer, Global Warming, Deforestation, The Green House Effect, Waste a Critical Problem, Recycling and the Ecosystem).

ACADEMIC QUALIFICATIONS

Qualification	Institution	Year
MSc. Environmental Science	University of Western Cape(SA)	Current
PG Diploma Integrated Water Resources Mngt.	University of Western Cape(SA)	2009
PG Diploma Policy & Development Studies	University of KwaZulu Natal(SA)	2008
BSc Hydrology	University of KwaZulu Natal(SA)	2007
Diploma in Workplace Safety and Health	Alison (Ireland)	2015

Short Certificate Courses:

Outdoor Air Quality Health and Air Quality Health Index, Air Supply & Pollution, Water Supply & Waste Water, Wetland Management, Noise Management, Safety and Health in Construction-Third Level, Construction Safety: The Safety Management Pack, Understanding EIA, EIA, Risk Management of Aquifers, Control Strategies for Physical Hazards, Personal Safety for Environmental Enforcement Professionals, Water Resource for Human Health, Mining Engineering, Understanding Climate Change, Climate Change & Regional Impacts.

EMPLOYMENT RECORD

Company/Organization	Position	Duration
Wandima Environmental Services	Environmental Scientist	2013 – now
Taylor Environmental Consulting CC	Environmental Consultant	2013
Ecolink Environmental Education Trust	Fundraising Consultant	2012
York Timber Holdings, Mpumalanga	Staff Integration Manager	2012
EcoLink Environmental Education Trust	Project Manager	2011 - 2012
EcoLink Environmental Education Trust	Research Officer and Youth Co-ordinator	2011
EcoLink Environmental Education Trust	Field Research Manager	2010
University of KwaZulu-Natal, BEEH	Hydrology Research Assistant	2006–2008

Professional Experience

Year	Projects	Responsibility
2016	Mvoti Shell Service Station: Environmental Damage Investigation. Completed.	Environmental Scientist
2016	Camden Eskom Power Station: Wetland Delineation. Environmental Audit, Wetland Monitoring & Compile Monitoring Reports. In Progress.	Wetland Specialist
2016	Kriel Eskom Power Station: Basic Assessment and Life Cycle Environmental Management Programme for Retrofitting of the Existing Electrostatic Precipitators with Fabric Filter Plants and Upgrade of Dust Handling Plant. In Progress.	Environmental Assessment Practitioner (EAP)
2016	Department of Public Works, Roads & Transport: Repair of a Flood Damaged Bridge on Road D2968. In Progress.	Assistant ECO
2016	Department of Public Works, Roads & Transport: Rehabilitation of Road D2951 (25KM): In Progress.	Assistant ECO
2015	Matla Eskom Power Station Refurbishment Project: Obnoxious Smell Investigation (Air Quality): In Progress.	Environmental Scientist
2015	Matibidi, Shongwe, Louisville, Bongani, Tonga, Pilgrims Rest Waste Water Treatment Plants: In Progress. Conducting Water and Environmental Audits.	Water Scientist
2015	Suikerriet Wetland Investigation: Completed.	Water Scientist
2015	Bahlangene Bulk Services WULA: Endecon Ubuntu Pty Ltd: In Progress.	Water Scientist
2015	Siyangoba Bulk Services WULA: Endecon Ubuntu Pty Ltd: In Progress.	Water Scientist
2015	Avontuur Footbridge WULA: Department of Public Works, Roads and Transport: In Progress.	Water Scientist
2015	Elandshoek Footbridge WULA: Department of Public Works, Roads and Transport: In Progress.	Water Scientist
2015	Bahlangene Wetland Delineation: Vipcon Pty Ltd: Completed.	Water Scientist
2015	Riverside Wetland Assessment Project: Shell Station: Completed.	Water Scientist
2015	Wetland Delineation and Assessment: Witbank Shell Depot: Completed	Water Scientist
2015	Tekwane South Ext. 2: Environmental Management Programme: Borrow Pit: Completed.	Environmental Scientist
2015	Basic Assessment: Siyangoba Bulk Services: Completed.	EAP
2015	Basic Assessment: Avontuur Foot bridge: Completed.	EAP
2015	Basic Assessment: Elandshoek Foot bridge: In Progress.	EAP
2015	Water Use Investigation and Wetland Screening: Completed Project: Quanati Trust Development.	Water Scientist
2015	Environmental Impact Assessment: Completed. Dinaledi-Madibeng 132kV Powerlines and Substation-North West, WULA.	Assistant EAP
2014	Environmental Compliance: Ongoing Monthly Monitoring <i>Establishment of the New Buscor Terminus (Whiteriver), Ronaldsey bridge, Tekwane Ex. 2:</i> Activities: Project Management, Project Audit Report, And Liaison with Authorities, Environmental Induction and Site Investigation with Clients.	Environmental Compliance Specialist
2014	Wetland Assessment: Wetland Study for 132Kv Powerline from Zamokuhle to Hendrina Substation. Completed.	Wetland Delineation
2014	ESKOM: EIA for Vesel-Mokalaka132kV powerline and substation in Molopo Local Municipality in North West Province (Tosca). Completed.	Project Manager
2014	Water Use Licence Application: Marathon Paardekop Project: Completed.	Lead Consultant
2013	Analytical and Assessment Skills.	Enviro - Educator
2011	Integrated Rainwater Harvesting Project (RWHP)- Water Resource Planning.	Researcher
2010	Map Designing, RWHP Household Questionnaire, Field Data Collection.	FieldResearcher
2008	Rehabilitation and control of toxins: using biological methods in contaminated land sites in Umbogintwini Industrial Complex – Durban.	Project Officer
2008	Laboratory Technical Work (outflow cells for water retention, particle size analysis, sediment analysis, vacuum test, suspended solids, data capture, data processing and analysis) and general laboratory maintenance.	Hydrology Research Assistant
2007	Field Work (collection of water samples for water analysis at Weatherly Catchment in the Northern Eastern Cape and Wartburg Catchment in KZN).	Technician
2006	Fieldwork at Potshini Catchment in KwaZulu-Natal (rehabilitation of soils).	Field Assistant