

CURRICULUM VITAE

Grazy Tshipo
P.O. Box 7340, Katutura
Erf 3565, Rev Kaurerua Street, Wanaheda, Namibia
Cell: +264 81355 4803
Tel: +264 290 2373
E-mail: Grazy.Tshipo@windhoekcc.org.na

IDENTITY NUMBER : 730506 00 187
DATE OF BIRTH : 6 MAY 1973
NATIONALITY : NAMIBIAN
SEX : FEMALE
MARITAL STATUS : SINGLE
HOME LANGUAGE : TSWANA
RELIGION : CHRISTIAN
STATE OF HEALTH : EXCELLENT
DRIVERS LICENCE NUMBER : 500 10000 5R1Y
CRIMINAL OFFENCES : NONE

B. LANGUAGE PROFICIENCY

Language	Read	Write	Speak
TSWANA	Fair	Fair	Good
ENGLISH	Excellent	Excellent	Good
AFRIKAANS	Excellent	Excellent	Excellent
DAMARA	Fair	Poor	Good

C. EDUCATIONAL QUALIFICATIONS**i) Secondary Qualifications**

SECONDARY EDUCATION			
Name of Course	Institution	Duration	Subjects
Grade 12 (National Senior Certificate)	TUCSIN	1993 – 1996	

ii) Tertiary

TERTIARY EDUCATION			
Name of Course	Institution	Duration	Subjects
National Diploma In Chemical Engineering	Peninsula Technikon, Cape Town (R.S.A)	1993 – 1996	See attached Reports
B. Sc. (Hons) Degree in Water Utilization	University of Pretoria, Pretoria (R.S.A)	1999 – 2001	See attached Reports
Masters Degree in Water Utilization	University of Pretoria, Pretoria (R.S.A)	2008	Solid Waste Management,

D. EMPLOYMENT HISTORY

Position Held	Employer/Institute	Duration Main Duties
Pupil Technician in Service Training	MAWF, (DWAF), Division Water Environment – Windhoek	March 1995 – March 1996
Hydrological Engineering Technician	MAWF, (DWAF), Division Water Environment – Windhoek	March 1996 – December 2000
Hydrologist (DWAF – Windhoek)	MAWF, (DWAF), Division Water Environment – Windhoek	January 2001 – September 2007
Senior Hydrologist (DWAF – Windhoek)	MAWF, (DWAF), Division Water Environment – Windhoek	October 2007 – December 2008
Part time Lecturer	Polytechnic of Namibia, Division Environmental Health Science– Windhoek	February 2010 – June 2010
Environment Management Officer	Windhoek Municipal Council, Division Health and Environment – Windhoek	January 2009 – current

Ministry of Agriculture, Water and Forestry (**MAWF**), Department of Water Affairs and Forestry (**DWAF**),

E. EXPERIENCE AND SKILLS

Analytical Work	- Analytical work at Chemistry, Bio-chemistry and Microbiological Laboratories, testing and comparisons of field equipment used for testing water quality parameters (1996).
Pollution Control	- The processing and issuing of Wastewater and Effluent Disposal Exemption Permits as a tool for pollution control include, completion of technical report, assessment of the design and actual operation of the plant, water balance and comparison of produced effluent with required effluent standards from septic tanks, oxidation ponds, conventional wastewater treatment plants from mines, industries, local authorities and tailings dams.
Pollution Investigations	- Investigations of the nature and cause of pollution should it be detected during inspections or reported.
Pollution Monitoring	- Surface water pollution monitoring, Risk assessment and environmental management auditing at potential companies.
Cleaner Production mechanism	- Awareness of cleaner production opportunities and mechanism at potential companies
Water Quality monitoring	- Collection of drinking water and wastewater samples for analysis and assessment within Windhoek District, Walvis Bay (Erongo Region) and Kombat Mine (1995-1997).
Data Assessment	- Water quality data interpretation and assessment for compliance with required effluent disposal standards, and possible contamination of ground and surface waters.

Report and other regulatory documents	<p>The following regulatory documents were developed on a project basis:</p> <ul style="list-style-type: none"> i) <i>Code of practice manual for Oxidation ponds (Volume 1)</i>: This document guides the operation, types and maintenance of oxidation ponds. ii) <i>Pollution control Policy document</i>: This document specified the principles, legal requirements of pollution control and responsibilities of Local Authorities as required by the Water Act 54 of 1956. iii) <i>WA1 (a) Questionnaire for Oxidation ponds</i>: This questionnaire is used to apply for the Wastewater and Effluent Disposal Exemption Permits for Oxidation Ponds. iv) <i>Public Participation guidelines for Environment Impact Assessment Studies for the City of Windhoek</i>.
Operation and optimum dosage at Water Purification Plant-	- inspections of water purification plant, determine optimum flocculation dosage through sedimentation tests with feed water.
Administration Tasks	- Organizing and chairing of pollution control meetings, administrative tasks, attending of meetings, processing water analysis tender, processing the purchasing of equipments (requisitions for orders and payments).
Presentation	- Preparation, presentation and information sessions of pollution related titles at workshops.
Projects	<p>The following projects were undertaken:</p> <ul style="list-style-type: none"> i) "Pollution Monitoring in the Walvis Bay Harbour" (Project assistant). ii) "SEA BASE Project" (Project assistant which involved literature review, drafting of the project proposal and data collection). iii) "Ramatex Wastewater Management Project" (Steering committee member). iv) "Solid Waste Management Practices that may pollute the water resources in the Erongo Region and the Revision of the related legislation" (Project Leader).
Project Management	- Project management for Environment Impact Assessments studies and projects for the CoW operations. Project management include co-ordination and supervision of consultancy, administrating tender (terms of reference, adverts and legal agreements.)
Lecturing	- Lectured Part time (Environment Pollution subject) at the polytechnic of Namibia (Jan-June 2010)
Environmentalist	<ul style="list-style-type: none"> - Key performance areas as an Environmentalist include: - Co-ordinate the formulation, review and provide advice on policies, legislation and plans/programs - Obtain Environment Clearance Certificates, Environment Impact Assessment and Environment Management and Strategic Environment Assessments through tendering process. - Coordinate all internal Environmental Assessments (EIA's, Audits) through tendering process. - Renew Environmental Clearance Certificates - Review all Environmental Assessment reports received from external proponents,

	<ul style="list-style-type: none"> - Conduct EIA'S to obtain Environment Clearance Certificates. - Co-ordinate Environmental and promote Public Participation and Awareness - Enforcement and implementation of Policies/Legislations and Plans/Programs - Initiate and co-ordinate environmental research projects. <p>(List of EIA Studies Conducted, ECC Renewed, EIA Reviews and EIA Sources via Tendering Process is attached as Annexure A</p>
--	--

F. TRAINING COURSES

Training Courses Attended: Work Related

TRAINING AND SHORT COURSES		
Name of Training	Training Institute	Duration
Pollution control and Environment course	Gaborone University	26 May – 06 June 1996
Microsoft Windows 95	SISU Campus, Windhoek	10 February 1997
Microsoft 7.0	ISU Campus , Windhoek	12-14 February 1997
Supervisory Course	Prime Ministers Office, Windhoek	September 1997
Presentation Skills	Agriculture training office	July 2001
Cleaner Production Technology	Windhoek	10-13 November 2003
Water Demand Management Course.	University of Lusaka, Zambia	19-23 July 2004
Project Management	UNAM, Namibia	22-24 June 2005
Cleaner Production Technology Short Course –	Windhoek	3-7 April 2006
Cleaner Production Technology Tour	Cleaner Production Technology Tour – R.S.A	10-12 April 2006
Environment Management Course	University of Pretoria, Pretoria, R.S.A	9-11 October 2006
Environmental Engineering: Sustainable Management in Coastal Areas	Cape Peninsula University of Technology, Cape Town, R.S.A	January – July 2007
Bookkeeping	Polytechnic of Namibia	5 March – 25 April 2007
Managing a small business Enterprise	Polytechnic of Namibia	2 July – 15 August 2007
Financial Planning and Control	Polytechnic of Namibia	2 July – 15 August 2007
Used Water Management Board	Singapore Public Utilities Board	26 February to 3 March 2008
Carbon footprint Analyst 1 course	Windhoek,	25-27 November 2009
Strategic Environment Impact Assessment Workshop	Johannesburg, R.S.A	30 – 31 July 2013

H. REFERENCES

Ms M. Amakali (Previous Manager)
Director: Water Resource Management
Department of Water Affairs and Forestry
Private Bag 13193
WINDHOEK
Tel: +264 61 208 7167
amakalim@mawf.gove.na

Mr F. Koujo
Environment Management Division
City of Windhoek
P.O. Box 59
WINDHOEK
Tel: +264 61 290 2090
Friedrich.Koujo@windhoekcc.org.na

Fr Martinus Nangwasa (Religious leader)
Holy Redeemer Catholic Church
P.O. Box 1026
Katutura
NAMIBIA
Tel: (061) 261975/081
martinusmatty@gmail.com

A. LIST OF EIA REVIEWS UNDERTAKEN

1. Review Of The Environmental Scoping Report Of The Proposed Construction Of A Water-Based Paint Manufacturing Plant On Erf 2, Nubuamis Industrial Park, 2021
2. Review Letter To The Environmental Impact Assessment And Environmental Management Plan: For The Construction And Operational Activities Of A Fuel Retail Facility In Rocky Crest, Windhoek, Namibia, 2021
3. Renewal Application Of An Expired Environmental Clearance Certificate Application No. App-001867 – Proposed Base & Precious Metals Prospecting Activities On Exclusive Prospecting License (Epls) 6011 & 5772 (Previously 3905 & 3238) In The Khomas Region, Namibia, 2020.
4. Background Information Document: For The Completion Of The Development Of A Service Station Erf, A Rural Residential And Nature Estate, Business Erven And Street Portions On The Remainder Of Portion 1 Of Farm Gross Haigama No. 447, Khomas Region, 2020.
5. Environmental Assessment Screening Report For The Proposed Establishment Of Sterilwave Apparatus For Treatment Of Medical Waste At Lady Pohamba Private Hospital, Windhoek, 2020.
6. Review Letter To The Application Of An Environmental Clearance Certificate (Ecc) Application No. App-002139 – For The Development Of Small-Scale Quarrying And Crushing Of Quartzite On Mining Claim (Mc) 72245 In The Khomas Region, Namibia, 2020..
7. Background Information Document: Application For An Environmental Clearance Certificate For The Proposed Ongos Valley Township Overhead Transmission Line And Load Centre (Windhoek) , 2020.
8. Re: Proposed Establishment Of 8 New Townships On Portion 34 To 40 And The Remainder Of Portion 13 Of Farm Augiegas No.34, 2019.
9. Environmental Impact Assessment (Eia) And Environmental Plan (Emp) For Gravel Removal Activities On Mining Claims 71260, 71261, 71262 And 71226 In The Groot Aub District, Khomas Region, 2019.

10. Subject: Final Environmental Scoping Report: Five Mini Bts Sites In Ludwigsdorf, Windhoek, 2018.
11. Re: Environmental Scoping Report Addendum For Section One And Two: Review Of The Basic Planning For Tr9/1 And Tr6/1 Windhoek To Hosea Kutako Airport Borrow Pit 3, 2018.
12. The Environmental Scoping Report Addendum For Section One And Two: Review Of The Basic Planning For Tr9/1 And Tr6/1 Windhoek To Hosea Kutako Airport, Burrow Pit 4, 2018.
13. Notification Of Environmental Assessment For The Puma Energy Bulk Fuel Storage Facility At Hosea Kutako Airport, 2018.
14. Background Information Document: For The Development Of ±20 Residential Portions, A Street Portion And The Remainder Of Portion 1 Of Farmrgross Haigamas No. 447, 2018.
15. Environmental Impact Assessment To Finalise The Town Planning Procedures For The Proposed Subdivision And Development Of Farm Klein Aub No.490, 2018.
16. Background Information Document For The Construction Of A Bakey On Portion 7 Of Farm Klein Okapuka N0. 51, Windhoek, Khomas Region, 2018.
17. Background Information Document: For Proposed Sand Mining In A Section Of The Seëis River Located On The Remainder Of Farm Ondekaremba No. 78, Windhoek, 2018.
18. Environmental Impact Assessment Report For The Proposed Township Establishment On Remainder Of Portion 9 Of The Farm Emmerentia, No 380, Windhoek, 2018.
19. Subject: Environmental Clearance Certificate For The Construction And Operation Of The Proposed Sanny Auto Repair (Sar) Total Service In Okuryangava/Ombili, Katutura, Windhoek, Khomas Region, 2018.
20. Application For An Environmental Clearance Certificate For The Zannier Omaanda Lodge On The Remaining Extent Of The Farm Ondekaremba No. 78, Windhoek, Khomas Region, 2018.
21. Environmental Assessment For The Existing Oil Recycling Plant At The Aris Industrial Area, 2017.
22. Environmental Impact Assessment And Environmental Management Plan For The Proposed Eros Valley Golf Estate, June 2016
23. Environmental Impact Assessment Scoping Report And Environmental Management Plan For Services Provision To The Leopard Valley Smallholding On The Remainder Of Gochechanas No 26 And Remainder Of Leopard No 218, Windhoek, 2016.

B. EIA STUDIES UNDERTAKEN

1. Proposed Beneficial Utilisation Of Bio-Solids At Gammams Waste Water Treatment Works Windhoek, 2014
2. An Environmental Impact Assessment For The Water And Sanitation Infrastructure Provision In The Northern Informal Settlements Of Windhoek, February 2011
3. Environmental Impact Assessmentfor Service Provision For Goreangab Extention 4 Township , Windhoek, Khomas Region October 2015

C. PROJECT CO-ORDINATION FOR EIAs -TENDERING

1. Consulting Services To Conduct An Environmental Impact Assessment Study And Environmental Management Plan For The Upgrading Of Ujams Wastewater Treatment Plant
2. Consulting Services To Conduct A Strategic Environmental Assessment For Windhoek Municipality
3. Consulting Services To Conduct An Environmental Impact Assessment Study And Environmental Management Plan For The Upgrading Of Ujams Wastewater Treatment Plant.
4. Consulting Services To Conduct An Environmental Impact Assessment For The Mix Settlement (Brakwater-Windhoek) – M.35/2012
5. Commends And Recommendations For The Environmental Draft Scoping Report For The City Of Windhoek Cemetry Development On Portion Y In Rocky Crest, Windhoek Namibia (2014)
6. Environmental Impact Assessment For Proposed Haloid Township Development (Ramatex), Windhoek
7. Environmental Clearance Certificate For Otjomuise Extension 10, Windhoek Municipality
8. Bid No: Sc Rp Cow 05/2020 – Consulting Services To Conduct An Environmental Assessment And Environmental Management Plan For Khomasdal Extension 17 And 18 And Extension 7, Erf 2131, Township Development.
9. Bid No: Sc Rp Cow 05/2020 – Consulting Services to Conduct an Environmental Assessment and Environmental Management Plan for Khomasdal Extension 17 and 18 and Extension 7, Erf 2131, Township Development Consultancy Contract for Bid No: SC/RP/Cow-170/2022 – Consulting Services to Conduct an Environmental Assessment And Environmental Management Plan For The Establishment And Development of Townships in Cimbabesia Extensions 5, 6, 8 And 9, Portions Of Erven 878 And 1402
10. Consulting Services To Conduct An Environmental Impact Assessment Study And Environmental Management Plan For The Establishment And Development Of Townships In Otjomuise Extensions 11 And 13,
11. Consulting Services To Conduct An Environmental Impact Assessment Study And Environmental Management Plan For Townships Establishment For Havanna Proper, Windhoek, Khomas Region
12. Consulting Services To Conduct An Environmental Impact Assessment Study And Environmental Management Plan For Establishment And Development Of Otjomuise Extension 11 & 13 Townships, Windhoek, Khomas Region
13. Consulting Services To Conduct An Environmental Impact Assessment Study And Environmental Management Plan For Establishment And Development Of Otjomuise Extention 6 & 7 Townships, Windhoek, Khomas Region

D. PROJECT MANAGENT OF CONSULTANCY SERVICES

1. Environmental Impact Assessment Study And Environmental Management Plan For The Programme To Provide Acceptable And Affordable Sanitation Solutions In The Informal Settlements Of Windhoek

2. Consulting Services To Conduct A Strategic Environmental Assessment (SEA) For Windhoek Municipality

E. THE LIST OF ENVIRONMENT CLEARANCE RENEWALS DONE

1. Environmental Impact Assessment For Proposed Haloid Township Development (Ramatex), Windhoek
2. Extension 4, Windhoek, Khomas Region, 2015
3. Application For Renewal Of Environmental Clearance Certificate For The Environmental Scoping Report And Environmental And Social Management Plan For The Proposed Formalisation Of The Mix Settlement, Windhoek, Namibia
4. Application For Renewal Of Environmental Clearance Certificate For The Environmental Impact Assessment For The Proposed Service Provision And Township Establishment For Northern Informal Settlements Omuthiya And Onghuwo Ye Pongo, One Nation 1, Onyika, Greenwell Matongo D, Okahandja Park D And Freedom Land A & B, Windhoek, Namibia.
5. Application For Renewal Of Environmental Clearance Certificate For The Development Of Cemetery On Portion Y Situated In Rocky Crest, Windhoek District, Khomas Region
6. Application for Renewal of ECC for Brakwater Waste Transfer Facility, Windhoek Khomas Region.
7. Application for Renewal of ECC for Health Care Risk Waste Treatment Facility, Windhoek Khomas Region
8. Application for Renewal of ECC for Existing Khomasdal Satellite Waste Disposal Facility, Windhoek.
9. Application for Renewal of ECC for Emp of Kleine Kuppe Waste Transfer Facility , Windhoek Khomas Region
10. Application or Renewal of ECC for Ludwigsdorf Satellite Waste Disposal Facility, Windhoek
11. Application for Renewal of ECC for the Existing Otjomuise Satellite Waste Disposal Facility, Windhoek
12. Application for Renewal of ECC for Olympia Mix Waste Transfer Facility, Windhoek Khomas Region
13. Application for Renewal of ECC Northern Informal Settlement, Windhoek