

APPENDIX A – EAP CVS AND DECLARATIONS

DECLARATION OF INDEPENDENCE

I, Dilona Somai, on behalf of ZN Geo Services (Pty) Ltd in my capacity as an environmental consultant, hereby declare that I:-

- Act as an independent consultant;
- Do not have any financial interest in the undertaking of this project, other than remuneration for the work performed in terms of the National Environmental Management Act EIA Regulations Amendment of December 2014;
- Do not have and will not have vested interest in the proposed activity nor will I engage myself in any conflicting interest associated with this proje
- I undertake to disclose and provide to the competent authority any material or information at my disposal regarding this project as required in terms of National Environmental Management Act (EIA regulations of 04 December 2014);
- Based on the information provided to me by the client and in addition to information obtained during the course of this study, I have presented the results and conclusion with regard to this project to the best of my professional ability;

I, Dilona Somai, herewith undertake that the information provided in the foregoing report is correct, and that the comments and inputs from stakeholders and Interested and Affected parties has been correctly recorded in the report.

UNDERTAKING REGARDING LEVEL OF AGREEMENT

I, Dilona Somai herewith undertake that the information provided in the foregoing report is correct, and that the level of agreement with interested and Affected Parties and stakeholders has been correctly recorded and reported herein.





Signature of the EAP

DATE:



- Published Date

04 June 2018





ACADEMIC QUALIFICATIONS

-  Honours Bachelor of Science (BSc) Environmental Management, 2014: UNISA
-  Bachelor of Science (BSc) Geography, 2011: UKZN

PROFESSIONAL DEVELOPMENT & MEMBERSHIPS

-  South African Council for Natural Scientific Professions (SACNASP), Candidate Natural Scientist for Environmental Science (Registration number: 100235/14) (Currently upgrading to Professional Natural Scientist), 2014.
-  Golden Key International Honour Society, 2009.

CONFERENCES & SHORT COURSES

-  Provincial Waste Management Forums, 2016 / 2017
-  Community-Based Renewable Energy Projects Toolkit, 2016
-  SAVCA Master Class (Calculating Non-financial ROE), 2014
-  Climate Change and Carbon Management Course, 2014

CAREER SUMMARY

Disokena Environmental Consulting, Johannesburg: Gauteng	Director	May 2017 - current
Tshikovha Green and Climate Change Advocates, Pretoria: Gauteng	Environmental Consultant (ad hoc / freelance)	
Kusaga Taka Consulting (Pty) Ltd Cape Town, South Africa Employment suspended in May 2017 due to liquidation. Stayed on to do handover; remotely.	Environmental Advisor	Oct 2016 – Oct 2017
Savannah Environmental (Pty) Ltd Johannesburg, South Africa	Senior Environmental Consultant	Feb – Oct 2016
DMT-Kai Batla (Pty) Ltd Johannesburg, South Africa	Senior Environmental Consultant	Jun 2015 – Jan 2016
EBS Advisory (Pty) Ltd Johannesburg, South Africa	Environmental, Social and Governance (ESG) Risk Consultant	Oct 2014 – May 2015
Fourth Element Consulting (Pty) Ltd Johannesburg, South Africa	Environmental Consultant	Jan 2013 – Sept 2014
NMA Effective Social Strategists (Pty) Ltd Johannesburg, South Africa	Project Coordinator	Mar 2012 – Dec 2012
The KZN ScienCentre Durban, South Africa	NYS Education Officer, Brand Ambassador and Duty Manager	Feb 2011 – Feb 2012

A full work experience report, including roles & responsibilities can be provided upon request.

LANGUAGES

<u>LANGUAGE</u>	<u>LEVEL OF PROFICIENCY</u>
English	●●●●●
Afrikaans	●●●●●
isiZulu	●●●●●

SKILLS

Technical & Computer Proficiency

<u>SKILL</u>	<u>LEVEL OF COMPETENCE</u>
Microsoft Office and sub-packages	●●●●●
ARC GIS	●●●●●
IDRISI and ERDAS Imagine for Remote Sensing	●●●●●
ACRU Agrohydrological Modelling	●●●●●
Environmental Impact Assessments	●●●●●
Water Use License Applications	●●●●●
Environmental Auditing	●●●●●







Management

<u>SKILL</u>	<u>LEVEL OF COMPETENCE</u>
Report Writing	●●●●●
Project Management	●●●●●
Leadership and Organisational	●●●●●
Facilitation, communication and presentation	●●●●●
Time Management	●●●●●

Social

<u>SKILL</u>	<u>LEVEL OF COMPETENCE</u>
Motivated and Diligent	●●●●●
Work efficiently in a team or individually	●●●●●
A quick learner	●●●●●
Stress and anger management ability	●●●●●
Conflict resolution	●●●●●

REFERENCES

-  **Ms. Tanya Mahabeer:** Former Head of Assurance: Kusaga Taka; tanyamahabeer1@gmail.com; 082-787-3753
-  **Ms. Emma Lamont:** Former Human Resources Manager: Kusaga Taka; 076-336-5552
-  **Dr. Avinash Bisnath:** Director Luhlaza Advisory and Consulting (Former Director DMT Kai Batla); avinash@luhlazaconsulting.co.za; 082-554-478
-  **Ms. Samantha Moodley:** Director Thembeka Environmental Consulting (Former Environmental Manager: Fourth Element Consulting & DMT Kai Batla); sam.moodley19@gmail.com / samantha@thembeka-env.co.za; 071-678-1951
-  **Mr. Nick Hilton:** Former Environmental Director: Fourth Element Consulting; nickjhilton@gmail.com
-  **Mr. Robert Kruger:** Former Senior ESG Risk Consultant: EBS Advisory; krugerrob@gmail.com; 082-871-6539

PROJECT EXPERIENCE: WASTE MANAGEMENT

1. **Environmental Pre-Screening Report** for the Proposed Construction and Development of a Used-oil Recycling Facility in Benoni, Gauteng Province (current)
2. **Basic Assessment Reports & Environmental Management Programmes** for the Construction and Operation of **Six (6)** Waste Tyre Pre-Processing Management Facilities for the REDISA, across South Africa (Klerksoord, Nelspruit, Cato Ridge, Kimberley, Bloemfontein and Upington) (2016-2017)
3. **Compilation of the REDISA Compliance Framework for Waste Tyre Management Facilities** (2016)
4. **Bi-annual Internal Environmental Compliance Audits** on 22 Waste Tyre Management Facilities across South Africa (2016-2017)
5. **Section 24G Rectification Applications** for the continued operation of **Two (2)** Waste Tyre Management Facilities located in Polokwane (Limpopo) & Midrand (Gauteng) (2016-2017)
6. **Application for amendment of a Waste Management Licence** for a Waste Tyre Management Facility located in Westonaria, Gauteng (2016)
7. **Biennial External Environmental Compliance Audits** on 22 Waste Tyre Management Facilities across South Africa (2017)
8. **Bi-annual External Environmental Compliance Audit** Tiger Chemical Treatment (Pty) Ltd & Rechem Industries (Pty) Ltd Hazardous Waste Treatment (2014-2015)

PROJECT EXPERIENCE: ENERGY

1. **Environmental Compliance Audit** for the Ilanga Concentrated Solar Power (CSP) 1 Facility (DEA Ref No. 12/12/20/2056) (2016)
2. **Environmental Compliance Audit** for the Abengoa Solar Xina Solar Thermal Power Plant (EA Ref No. 12/12/20/1832/2A) (2016)
3. **Environmental Management Programme** for the Proposed 5MW Adams Solar PV Plant near Hotazel, Northern Cape for Adams Solar PV Project (Pty) Ltd (2016)
4. **Environmental Management Programme** for the Proposed 5MW Biejesfontien Solar PV Plant near Victoria West, Northern Cape for Bellatrix Solar PV Project (Pty) Ltd (2016)
5. **Environmental Project Brief** for the Proposed Semonkong Wind Energy Facility, Lesotho for Mos-Sun Clean Energy Technologies (Pty) Ltd (2016)
6. **Scoping and Environmental Impact Assessment Report** for the Proposed Gas to Power Plant on a site within the Richards Bay Industrial Development Zone (RBIDZ), KwaZulu-Natal (2016)
7. **Basic Assessment Report & Environmental Management Programme** for the Proposed 132kV power lines and on-site substation for the

- authorised Golden Valley Wind Energy Facility Project II for BioTherm Energy, Eastern Cape (2016)
8. **Basic Assessment Report & Environmental Management Programme** for the Proposed Acciona Nxuba Temporary Concrete Tower Plant & associated Lay-down area for the authorised Nxuba Wind Energy Facility, Eastern Cape for Acciona Windpower S.A (2016)
9. **Environmental Management Programme** for the Construction of Roads & Cabling near and within Watercourses (Wetlands) as part of the Excelsior Wind Energy Facility near Swellendam, Western Cape, for BioTherm Energy (2016)
10. **Basic Assessment Reports & Environmental Management Programmes** for the proposed construction of power lines & substations including: an 88kV power line from the Lulumisa MTS to the proposed new Diepsloot East substation, a 132kV overhead power line from Diepsloot East substation to the proposed Bluehills substation and an 88kV underground power line (cable) from the proposed Blue hills substation to the existing Crowthorne substation, Gauteng (2016)
11. **Basic Assessment Report & Environmental Management Programme** for the Umgeni Water Proposed Hydropower Unit at the Mpofana River, KwaZulu-Natal (2015)
12. **Project Brief and Environmental Management Plan** for the Proposed Coal Bed Methane (CBM) Exploration by Tlou Energy Resources (Pty) Ltd in the Karoo Central Licence Area (PL 002/2204) (2013-2014)
13. **Amendment of Environmental Management Plan: Proposed extension of the prospecting programme** for Tlou Energy Resources (Pty) Ltd in PL002 of the Central Karoo Concession Area (2014)
14. **Project Brief and Environmental Management Plan** for the Proposed Coal Bed Methane (CBM) Exploration by Magnum Gas & Power Ltd within the Mmashoro & Ngwasha basin in the central Kalahari basin, Botswana (2013-2014)
15. **Review of Environmental Authorisation** for the Proposed Establishment of the Boshof Solar Park by SunEdison (DEA REF NO.: 12/12/20/2342), Free State (2014)
16. **Basic Assessment Report & Environmental Management Programme** for the Proposed Roodepoort Strengthening Project (2013-2014)
17. **Baseline Risk Assessments** for the Nojoli Wind Farm and Gibson Bay Wind Farm (Eastern Cape), Tom Burke PV Plant (Limpopo), Adams PV Plant (Northern Cape), Pulida PV Plant (Free State) and Paleisheuvel PV Plant (Western Cape) (2014)
18. **Preliminary Risk Appraisal** for the Provision of a hybrid power supply solution for the Geita Mine, Tanzania (2013-2014)
19. **Scoping and Environmental Impact Assessment Report** for the Proposed Mooi-Mgeni Transfer System – Phase 2, Kwa-Zulu Natal (2012)

PROJECT EXPERIENCE: MINING

1. **Basic Assessment Reports & Environmental Management Programmes** for Matai Mining (Pty) Ltd for **Three (3)** Prospecting Right Applications, North West (current)
2. **Scoping and Environmental Impact Assessment Report** for Giza Minerals (Pty) Ltd Mining Right Application for the Proposed Reclamation and Processing of Gold Mine Dumps on portion 1 of the Farm Modderfontein 76IR, Gauteng (2017 – current)
3. **Basic Assessment Report & Environmental Management Programme** for Mkhuhlu (Pty) Ltd Mining Permit Application for the Proposed open-cast mining of Granitoid rock (gravel) on Farm Calcutta 294KU, Mpumalanga (2017 – current)
4. **Basic Assessment Report & Environmental Management Programme** for Gauteng Department of Roads and Transport Mining Permit Application for the Proposed Burrow Pit for Gravel required as fill material to undertake the upgrade of the Road K170 / N1-N19 Interchange and K170 between the K176 and K45 (P73-1/Golden Highway), Gauteng (2017 – current)
5. **Application for the Renewal of a Mining Permit in terms of Section 27 of the MPRDA, 2002** for Grand Wave Quarries (Pty) Ltd for mining of Aggregate (EC30/5/1/3/2/10273MP), Eastern Cape (2017)
6. **Basic Assessment Reports & Environmental Management Programmes** for Mvelo Mineral Resources (Pty) Ltd for **Three (3)** Prospecting Right Applications, North West (2015-2017)
7. **Peer Review of Basic Assessment Report and Environmental Management Programme** for All-Trans Logistics CC Prospecting Right Application, prepared by Tshifor Investment and Resources (Pty) Ltd, Gauteng (2016)
8. **Environmental Management Plans** for IRL (Pty) Ltd for **Four (4)** Prospecting Right Applications, North West (2015)
9. **Scoping and Environmental Impact Assessment Report** for Platinum Waste Resources (Pty) Ltd Klinkerstene Mining Right Application, Mpumalanga (2013-2014)

PROJECT EXPERIENCE: INFRASTRUCTURE & DEVELOPMENT

1. **Scoping and Environmental Impact Assessment Report** for the Proposed EBM Zinc Recovery Plant Springs, Gauteng for EBM Project (Pty) Ltd (2017 – current)
2. **Environmental Site Screening Assessment** of the of the Randburg and Roodepoort Office Space Optimisation Programme (OSOP) Precincts for TIMAC Engineering (Pty) Ltd (2016)
3. **Basic Assessment Report & Environmental Management Programme** for the proposed

Expansion of the Vaccine facility, Gauteng for OBP SOC Limited (2015)

4. **Environmental and Social Site Screening Assessment and Environmental Design Criteria** for the West Rand Logistics Hub, Gauteng (2015)
5. **Heritage Impact Assessment** for the Solomon Mahlangu Freedom Square Upgrade Project, Gauteng (2012)
6. **Public Environmental Upgrades** for Kliptown and Westgate, Gauteng (2012)

PROJECT EXPERIENCE: WATER USE LICENCE APPLICATIONS

1. **WUL Technical Report and IWWMP** in accordance with Section 21 (a) and (b) of the National Water Act [NWA] for Corobrik (Pty) Ltd, Gauteng (2017 – current)
2. **Water Use License Exemption** for OBP SOC Limited, Gauteng (2015)
3. **WUL Technical Report and Section 27 Motivation, and supplementary forms** for an application for a WUL in accordance with Section 21 (a), (b) and (g) of the National Water Act [NWA] for Platinum Waste Resources (Pty) Ltd, Mpumalanga (2013-2014)
4. **WUL Technical Report and Section 27 Motivation, and supplementary forms** for an application for a WUL in accordance with Section 21 (a), (b) and (j) of the National Water Act [NWA] for PFG Building Glass (Pty) Ltd, Gauteng (2013-2014)

PROJECT EXPERIENCE: SOCIAL & ENVIRONMENTAL DUE DILIGENCE & ENVIRONMENTAL & SOCIAL MANAGEMENT SYSTEMS

1. **SEDD in compliance with IFC Performance Standards** for Pool chemicals and equipment companies, Gauteng (2014-2015)
2. **SEDD in compliance with IFC Performance Standards** for Food outlets/ franchises, Lagos Nigeria (2014-2015)
3. **SEDD in compliance with IFC Performance Standards** for Livestock production and husbandry companies, Western Cape (2014-2015)
4. **SEDD in compliance with IFC Performance Standards** for Materials Recovery Facilities (NAMPAC), Gauteng (2014-2015)
5. **SEDD in compliance with IFC Performance Standards** for a Paint Manufacturing Facility, Ghana (2014-2015)
6. **SEDD in compliance with IFC Performance Standards** for nine (9) companies (including agriculture – processing and packaging, distribution and warehousing, pharmaceuticals,

water purification and bottling), Gaborone Botswana (2014-2015)

7. **ESMS in compliance with IFC Performance Standards** for seven (7) companies (including manufacturing and services companies) throughout South Africa (2014-2015)

PROJECT EXPERIENCE: OTHER

1. **Environmental Management Plan** for the Makhado Local Municipality (2017 – current)
2. **Validation and Verification** for the Department of Water and Sanitation (2015)
3. **Hazardouse Waste Management Inventory** for the Free State (2015)
4. **Alien & Invasive Control Plan** for the City of Johannesburg, Gauteng (2015)
5. **Rivers Rehabilitation and Management Plan** for the City of Johannesburg, Gauteng (2015)
6. **Grant Fund Applications** for clients in the agricultural section (livestock, raisin and peach) (2014-2015)
7. **Questionnaire Development** for African Perceptions of the Chinese National Impact for the Chinese Communist Party (2014-2015)

SACNASP

South African Council for Natural Scientific Professions

herewith certifies that

Dilona Somai

Registration number: 100235/14

is registered as a

Candidate Natural Scientist

in terms of section 20(3) of the Natural Scientific Professions Act, 2003
(Act 27 of 2003)
in the following field(s) of practice (Schedule 1 of the Act)

Environmental Science

Effective **10 September 2014**

Expires **31 March 2019**



Botha

President

M. J. Prinsloo

Executive Director

CURRICULUM VITAE OF ZAMA SITHOLE

BIOGRAPHICAL DETAILS

First Name & Surname : Zama Sithole
Identity Number : 8911220539084
Telephone Number : 083 467 3532
E-mail Address : zama.ndumo@gmail.com
Driver's License : Code 08 (B)
Gender : Female
Marital Status : Married
Nationality : South African
Home Language : isiZulu
Other Languages : English, Afrikaans, isiXhosa and Sesotho

TERTIARY EDUCATION

1. Institution : University of KwaZulu-Natal
Course : BSc. Geological Science (Ore Deposits)
Duration : February 2008- December 2010
2. Institution : University of KwaZulu-Natal
Course : BSc. Hons Geology (Ore Deposits)
Duration : February 2011- December 2011
3. Institution : University of the Free State
Course : MSc Environmental Management
Duration : January 2016- June 2018 (anticipated)

CAREER HISTORY

1. Company : AfriSam (SA) (Pty) Ltd - Head Office
Position : Geology Professional
Duration : 01 February 2012 to 31 September 2015.
2. Company : Idwala Carbonates
Position : Environmental Officer
Duration : 01 October 2015 to 31 October 2016.

3. Company : ZN Geo Services (Pty) Ltd
Position : Director
Duration : 01 November 2016 to date.

AFFILIATIONS

1. Organisation : SACNASP
Membership Designation : Professional Natural Scientist
Membership Number : 400112/17
2. Organisation : IAIASA
Membership Designation : Member
Membership Number : 5474
1. Organisation : IQSA (Institute of Quarrying Southern Africa)
Membership Designation : Member
Membership Number : N/A

CLIENTS & PREVIOUS WORK

1. **Idwala Industrial Holdings Ltd (Port Shepstone)**

General Manager: Mr Andy Ogle
(039) 687 8000
ogl@idwala.co.za

- Environmental Performance Auditing
- Maintenance of Environmental ISO 14001 System
- Legal Compliance
- Air Quality and Surface Water Monitoring Custodianship

2. **Active Blue Trading 226 t/a Real Stone Quarries (Pty) Ltd**

Corporate Director: Mr Xolani Gamede
079 509 2130
xolanig@realstonequarries.co.za

- EMP Performance Assessment Report
- Drill & Blast Procedure
- Standard Operating Procedures
- Environmental System Maintenance

3. African Mining & Crushing (Pty) Ltd

Director: Mr Uyanda Hogana
(051) 451 2604
uyanda.hogana@africanmc.co.za

- Greenfield Quarry Acquisition Assessment (KwaZulu-Natal – Richards Bay)
- Brownfield Quarry Acquisition Assessment (KwaZulu-Natal – Greytown)
- Mining Permit Renewal (Eastern Cape)
- Quarry Planning (short, medium and long term)
- Overburden Removal Plan
- EMP Performance Assessment Report

4. Idwala Industrial Holdings Ltd (Ottosdal)

General Manager: Mr Atang Maboe
(018) 571 0645
mab@idwala.co.za

- Mining Permit Application (North West)

5. Sarili (Pty) Ltd

Director: Mr Gcobani Hughes
gcobanin@sarili.co.za

- Geological Exploration (Ngcobo; Eastern Cape)
- Brownfield Quarry Acquisition Assessment



herewith certifies that

Zama Ndumo

Registration number: 400112/17

is registered as a

Professional Natural Scientist

in terms of section 20(3) of the Natural Scientific Professions Act, 2003
(Act 27 of 2003)

in the following field(s) of practice (Schedule 1 of the Act)

Geological Science

Effective 19 July 2017

Expires 31 March 2019



A handwritten signature in black ink, appearing to read 'Botha'.

President

A handwritten signature in black ink, appearing to read 'M. J. ...'.

Executive Director