

ISHMAEL KGABO SEMENYA RESUME

DIRECTOR ENVIROXCELLENCE SERVICES
ENVIRONMENTAL SCIENTIST
P.O. BOX 4879 POLOKWANE 0700

SUMMARY OF QUALIFICATIONS



Mr. Ishmael Kgabo Semanya
(Pr.Sci.Nat.)

Director: EnviroXcellence Services

Date of birth: 09 April 1969

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Educational background

1993-BSc Microbiology (Honours) and Biochemistry, University of the North, South Africa

1992-Higher Education Diploma (HED), University of the North, South Africa;

1996-Hazardous Waste Operations OSHA training Colorado State, USA

1996-Environmental Best Practice: Walsh Environmental Inc, Colorado state, USA;

1996-South African Road Federation Course: Integrated Environmental Management For The Roads Industry Cape Town, South Africa.

2003-Environmental Management System ISO 1400.

Professional Membership:

2017-National General Secretary SABBACO

2017-Member BBEBE -Water and Sanitation and Environment Subcommittees

2016-Chairperson of South African Black Technical and Allied Careers Organisation (SABBACO).

2016:Attended World Broadband forum in London

2005-Member of Waste Management Institute of South Africa

2005-2011-Member of the National Executive Committee of IAIAAsa

2005-2011: Chairperson of Mahwelereng Spikes softball Club

1998-Member of the Borehole Water Association South Africa

1998-Member International Association of Impact Assessors (IAIAAsa)

Languages: Sepedi, Sesotho, Setswana, English.

ISHMAEL KGABO SEMENYA is a qualified environmentalist. He holds a **BSc Honours degree in Microbiology and Higher education Diploma from the University of Limpopo formerly University of the North**. He is a registered professional scientist with **South African Council for Natural Scientific Professions SACNASP reg No.400068/11**. Mr Semanya has in his career also managed highly specialised projects both in South Africa and in the Middle East. He is currently a full time director at EnviroXcellence Services, the position he is holding since its inception in 1998.

Mr Semanya is currently the National Secretary General of **South African Black Technical and Allied Careers' Organisation (SABBACO)**. He is representing SABBACO in the Black Business Council in Built Environment (BBCBE), professionals in built environment committees serving in the Water and Sanitation and Environment Subcommittees. Mr Semanya is from time to time invited to participate as a panellist for the African National Congress (ANC)'s Limpopo Economic Transformation Summits to give expert input and presentations on the state of the economy from the business participation point of view.

Mr Semanya is from time to time engaged in social and philanthropic responsibility projects in South Africa. As a chairperson of Spikes, Mr Semanya helped the softball club to achieve accolades which the team can still feel proud of.

KEY PROJECTS

Current Position: Director of EnviroXcellence Services. Chief Executive officer of Regodile Coal Mining in Ermelo.

- Hazardous Waste Management contracts for Komati Power station, Matimba Power Station, Eskom LOU and the Sefako Makgatho Medical University.
- Environmental Impact Assessment for the Limpopo broadband feasibility study for the establishment of an affordable, open access broadband provincial –wide area network that offers a value proposition in terms application hosting to government institutions including municipalities.

2011- Oversees the implementation of the Tubatse Special Economic Zone Strategic Environmental

20....	<p>Assessment (SEA).</p> <ul style="list-style-type: none"> • Integrated Waste Management Plan for the Mpumalanga Province • Mr Semenya is now involved in a number of high profile projects in Water and Sanitation and Hazardous waste management. The clients include the Mvula Trust, CSIR, Lepelle Northern Water and ESKOM. He holds key managerial positions for the projects. • Appointed by the Department of Environmental Affairs to implement Social Responsibility Projects (SRP) on Working for Land, Waste, and Water.... • Appointed by Eskom for the period of 3years for the Environmental Cleanup of oil spill and hazardous substances in the Limpopo Province. • Appointed by the Ngaka Modiri Molema District Municipality for the development of the Well field for the Regional Bulk Water Supply in Ratlou Local Municipality. • Accelerated School Infrastructure Development Initiative (ADSIDI) appointed by the Mvula Trust for the ground water infrastructure implementation project for the 18 (12 schools for Sitting, test pumping and drilling supervision and 6 schools for Sitting, Testing, drilling and equipping of the boreholes) schools in Sekhukhune and Vhembe district municipalities. • Appointed by the CSIR for the groundwater project implantation for the two Schools in Mopani District Municipality. • Appointed by CSIR for the groundwater project implementation for the six Schools in Vhembe District Municipality. • Project manager Groundwater Infrastructure Programme (GRIP) for the Sekhukhune area.
2009-2011	<ul style="list-style-type: none"> • • Appointed by Capricorn District Municipality to conduct Environmental Management framework for Aganang local Municipality. • Manager for the Department of Roads and Transport for the EIA in Vhembe District of Limpopo Province. • Air and Noise monitoring for the Sefateng Mine for a period of 18 months. • Project leader on behalf of EnviroXcellence Services for the MVULA/CSIR's department of Education Schools water programme 2010/2011.Ground water source development for the department of Education Schools programme in Vhembe area • Appointed by the Lepelle Northern Water for the section 24G application for the development of the Head offices at Corner Landros mare street and Suid street in Polokwane Limpopo province • Appointed by Eskom for a period of 3year (2010-2012) to Carryout Environmental cleanup for Eskom facilities in Northern and Eastern region
2008-2009	<ul style="list-style-type: none"> • Appointed by the department of Health Limpopo to conduct the Environmental Impact Assessment for the development of Health facilities including the new academic hospital, malaria centres, and clinics in the Limpopo province. • Appointed by the Capricorn District Municipality for the development of the Aganang Local Municipality Environmental Management Framework Plan. • Appointed by the department of Agriculture to carryout environmental Impact Assessment for the development of identified poultry farms in the Limpopo Province. • Appointed by Eskom to conduct EIA for Wesizwe, Medupi power stations in Northwest and Limpopo • Appointed by the Department of Water Affairs and Forestry for the development of Water sources for IEC Schools to be used as voting stations in the Limpopo province.
2007	<ul style="list-style-type: none"> • Appointed by the National Department of Environmental Affairs and Tourism (DEAT) for the review and evaluation of Environmental Impact Assessment Reports submitted in terms of Environment Conservation Act (ECA) of 1989 for the Northwest Province. • Appointed by the Department of Economic Development Environment and Tourism (DEDET) for the review and evaluation of the environmental Impact Assessment reports submitted in terms of ECA for the Limpopo province. • Appointed by the Capricorn District municipality for the closure and Development of Landfill within the five Local municipalities of Blouberg, Molemole, Lepelle Nkumpi, Polokwane and Aganang of the Capricorn District of the Limpopo Province.
2006	<ul style="list-style-type: none"> • Appointed by the Polokwane Municipality to conduct Environmental Impact Assessment for the Construction of the new Peter Mokaba 2010 FIFA world cup Stadium.

	<ul style="list-style-type: none"> • Appointed by the Maluti A Phofung Local Municipality to carryout Strategic Environmental Management plan for the municipality. • Appointed by the Department of Housing to carryout Environmental Impact Assessment for the demarcation of residential sites in different local municipalities within the Limpopo Province. • Appointed by the Limpopo Development Agency (LIMDEV) to conduct EIA for the development of a Polokwane International Airport multi purpose complex including boarding terminals. • Appointed by the Lepelle Northern Water to conduct EIA for the phase 2 extension of the Olifantspoort water purification plant. • Appointed by the Masilonyane Municipality to conduct EIA for the feasibility study for the sanitation programme (eradication of the Bucket system for the Masilonyane Municipality). • Contracted by Eskom distribution to carryout EIA for identified powerlines in South Africa • Appointed by ESKOM to carryout environmental cleanup of oil contaminated sites at Transformer storage sites in Limpopo. Contract period 2005-2007.
2005	<ul style="list-style-type: none"> • Appointed by the National Department of Environment and Tourism (DEAT) to develop the National Integrated Waste Management Guidelines Strategies for the Municipalities in South Africa. • Working as a project manager for the Environmental Impact Assessment study for the construction of Road D4050 in the Mafefe area. • Project Manager for conducting the feasibility study for the Geohydrological, geotechnical and Environmental Impact Assessment for the purpose of implementation of the Sanitation programme for the Mopani district Municipality. • Appointed by the Polokwane Municipality to conduct environmental Impact Assessment for 20 (twenty) projects ranging from sanitation, water reticulation Infrastructure, Polokwane International convention centre, roads and storm water • Appointed by Lepelle Northern Water to conduct Environmental Impact Assessment at the Olifantspoort water purification plant. • Appointed by ESKOM to conduct Environmental Impact Assessments for the erection of power lines and substations at selected areas for the Limpopo and Mpumalanga province. Contract period 2005-2007.
2004	<ul style="list-style-type: none"> • Appointed by Roads Agency Limpopo to conduct Full Environmental Impact Assessment Study for the Construction of Road D4050 for Mafefe area. The road goes through the Wolkberg Wilderness area and the Lekgalameetse. • Development of the Waste management Plan for Waterberg District Municipality, • Construction of the New DOHA airport (the project included the removal and relocation 65000 tones of Waste at the site earmarked for the development of the airport in Doha, Qatar , Middle East.). • Management of projects for Roads Agency Limpopo. • State of Environment Report (SoER)for Waterberg District Municipality • Integrated Environmental Management Plan (IEMP) for Waterberg District Municipality
2003	<ul style="list-style-type: none"> • EIA for the Raising of Flag Boshielo Dam Wall. Appointed by the Department of Water Affairs and Forestry. • Conducted EIA for the 6km and 25 km 132kv power lines for Eskom Kabokweni and Buffelspruit in Nelspruit. • Appointed by Northern Province Roads Agency as an Environmental manager for the Bohlabela and Mopani District municipalities. • Appointed by the Northern Province Roads Agency as an Environmental Manager the construction of roads in Blouberg and Makhuduthamaga municipalities. • Appointed by the Northern Province Roads Agency as an Environmental Manager the construction of roads in Mankweng and Seleteng clusters municipalities • (Roles included to appoint independent environmental Officers, to implement the environmental Policy and Management designed for the NPRA, Conduct EIA for the NPRA)

1997-
2002

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- Developed an environmental Policy for the Northern Province Roads
- Conducted an EIA for the upgrading and re-alignment of road D4050 in the Mafefe area between the Lekgalameetse Nature Reserve and Wolkberg Wilderness, Northern Province.
- Completed an EIA for the upgrading and construction of a road inside the Nwanedi Nature Reserve for the Department of Water Affairs and Forestry, Northern Province.
- Appointed by PROPNET (a division of TRANSNET) to conduct EIA for the Establishment of a mixed land use development area on the Farm Houtkop No.594-IQ. For the Western Vaal Metropolitan Council.
- Appointed by EGSC to conduct EIA for the development of public crematorium inside the Benoni Cemetery.
- Environmental Management Programme for the existing and potential borrow pits to be used for the regravelling of roads in the Vaal Water Area, Mahlogo, Matshikiri, Magongwa, Motetema and Manapsane under the Bosveld District Council
- Project Manager, Kaditshwene EIA. Subcontracted by Itireleng consulting to conduct EIA in Kaditshwene village, Northern Province. The village is surrounded by the mining operations of Bestaf Granite Mine Pty Ltd, African Red Granite Mine Pty Ltd, and the no longer operating Nyala Mine. The project was conducted to find possible mechanisms on co-existence with the mines, and or relocation of the community to a new settlement.
- Appointed by Eastern Gauteng Services council to conduct an EIA for the development of a new sub regional cemetery for Bronberg TLC area in Bronkhorstspuit.
- Project leader –Ishmael Semenya was involved with the execution of Environmental Impact Assessment at ENGEN site in Tzaneen Northern Province. The project included meeting with the client and signing of contract, site/field investigation and mitigation, meeting with the interested and affected parties during the public scoping phase, controlling the budget and compilation and writing of report.
- Project Leader –Ishmael was subcontracted by Semenya Furumele Consulting, an engineering firm to run a small project involving Determination and Characterisation of contamination on N1 road Section N1-20, 54S in Midrand Gauteng province. The project involved writing a cost proposal, meeting with the clients conducting field investigation, interpretation of laboratory chemical results and writing of the final report.
- Project leader -Environmental Impact Assessment at ENGEN site in Potgietersrus Northern Province. The project included meeting with the client and signing of contract, site/field investigation and mitigation, meeting with the interested and affected parties during the public scoping phase, controlling the budget and compilation and writing of scientific report.
- Project Leader -Hydrocarbon Investigation and Environmental Risk Assessment at NATREF site in Free State Province. The project involved drafting of cost proposal, meeting with the client, conducting field investigations, managing field team of five personnel, and writing of final report and final costing of the project.
- Hydrocarbon Contamination Evaluation, Field Investigation and Risk Assessment for Petronet in Gauteng and KwaZulu Natal Provinces. The project involved drafting of cost proposal, meeting with the client, conducting field investigations, managing field team of three personnel, and writing of final report and final costing of the project.
- Some of the duties Ishmael Semenya conducted while still at MBA/TCS were writing and compilation of tender marketing proposals for Tikoloho Consulting Services. This involved suggesting team leaders and scientists, project time line using Microsoft project software, drafting cost proposal and conducting mini research and business plan.
- Water quality specialist and day to day running of Southern Cross Consulting office, for North West Water Supply Authority project in Eastern parts of North West Province. Duties Ishmael Semenya conducted involved supervision of test pumping, collecting and training of field personnel on proper samples collection methods, interpretation of laboratory test results, assisting with compilation of desk top study, field verification (meeting with local authorities, gathering of existing data), entering field data in HYDROCOM database, and running and doing the normal administration of the site office.
- Soil Vapour Survey at Petronet Transfer Station Kroonstad. Ishmael conducted supervision of field investigation and writing of the report. Ishmael was team leader of three personnel.
- Hydrocarbon Contamination Evaluation, Field Investigation and Risk Assessment at Alrode Petronet Transfer Station. Alrode. Duties included collection of water samples and

	<p>interpretation of laboratory test results.</p> <ul style="list-style-type: none"> Hydrocarbon Contamination Evaluation, Field Investigation and Risk Assessment at Engen Petroleum (Pty) Ltd. Overkruin Motors. Duties included collection of water samples and interpretation of laboratory test results. Participating in the writing of the reports. Field investigation for Hydrocarbon Contamination at the Johannesburg International Airport Petronet Transfer Station. Colorado Department Of Transportation (CDOT). Air quality monitoring at CDOT Facility site Colorado state USA for volatile organic compounds. Soil Vapour Extraction of VOC's (Pilot testing programme) Conducted Phase I Environmental Impact Assessment. Trinidad Correctional Facility Site at Las Animas County, Colorado USA.
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PROFESSIONAL EXPERIENCE

1999 - Present	EnviroXcellence Services
1998 – 1999:	Molosiwa Bruin And Associates
1994 – 1996:	Lecturer at Sekhukhune College of Education.(Teacher Training Institute)

REGISTRATIONS/CERTIFICATION/TRAINING/

1997:	<ul style="list-style-type: none"> In-House training in Geographic Information Systems (GIS) at WALSH Environmental, Colorado State, USA.
1997:	<ul style="list-style-type: none"> On job Training in Environmental Sampling and Protocols, conducting EIA at WALSH Environmental, Colorado State USA. Risk Based Corrective Action for Hydrocarbon contaminated Sites (RBCA). Computer Programme. Collection, analysis and interpretation of field data using modern field instrumentation for environmental contaminated sites. Environmental Reports writing and presentations Attended forty-hour hazardous waste operation and emergency response course in Colorado state USA. The course was organised by Occupational Safety and Health Administration (OSHA) of the USA.

PROFESSIONAL MEMBERSHIPS

1998 – present:	South African Black Technical Allied Careers Organisation (SABTACO)
present	IAIA

HOBBIES:
 Manufacturing of home made premium beers
 Manufacturing of mineral bottled water
 Manufacturing of diary products (Cheese, Yoghurt)
 Small Scale farming
 Running of Masai Lodge

Proposed position for the Project: Project co-ordinator

CERTIFICATION

I the undersigned, certify that to the best of my knowledge and belief, these data correctly describe me, and my experience. I also certify that I have only given permission for my CV to be included in the Proposal submitted by;

Full name and signature of staff member:

:	Full name and signature of authorised firm representative:

EAPASA

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Environmental Assessment Practitioners Association of South Africa

Advancing environmental assessment practice in South Africa



Email: registrar@eapasa.org / Website: www.eapasa.org

Mr Ishmael Semenya
4 Paul Kruger Street
Polokwane
Polokwane
0700

Sent by email to: isemenya@enviroxcellence.co.za

Dear Mr Semenya

**Registered Environmental Assessment Practitioner: Number 2020/35
Ishmael Kgabo Semenya : South African ID 6904095492085**

The Environmental Assessment Practitioners Association of South Africa (EAPASA) herewith certifies that Ishmael Kgabo Semenya is a Registered Environmental Assessment Practitioner (EAP) in accordance with the prescribed criteria of Regulation 15.(1) of the Section 24H Registration Authority Regulations (Regulation No. 849, Gazette No. 40154 of 22 July 2016, of the National Environmental Management Act (NEMA), Act No. 107 of 1998, as amended).

Your registration is duly authorised by EAPASA as the single Registration Authority for EAPs in South Africa (appointed as per Regulation No. 104, Gazette No. 41434 of 8 February 2018, in terms of section 24H(3)(a) of the NEMA). Your status as a Registered EAP is displayed in the 'EAP Register' - please find your name and contact email address at

<https://registration.eapasa.org/registered-practitioners>

Your registration is effective for a period of five years from 02 November 2020, and expires on 02 November 2025. The renewal of your registration in 2025 will be contingent on you having met the requirements of EAPASA's Continuing Professional Development (CPD) policy during each year of registration.

As a Registered EAP you are required to uphold the EAPASA Code of Ethical Conduct and Practice in your professional endeavours, towards the goal of quality assurance in environmental assessment practice.

Please accept my congratulations on your registration.

Best regards

Dr Richard Hill
Registrar
Date: 02 November 2020



herewith certifies that
Ishmael Kgabo Semanya
Registration Number: 400068/11
is a registered 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 (Professional Natural Scientist)
Microbiological Science (Professional Natural Scientist)

Effective **2 March 2011**

Expires **31 March 2022**



A handwritten signature in black ink, appearing to read 'Botha', is written over a horizontal line.

Chairperson

A handwritten signature in black ink, appearing to read 'M. J. ...', is written over a horizontal line.

Chief Executive Officer

