

APPENDIX J

EAP REGISTRATION AND CV

EAPASA

Unit 19 Oxford Office Park
3 Bauhinia Street
Highveld Techno Park
Centurion
0157
Tel. (+27) 12 880 2154

Environmental Assessment Practitioners Association of South Africa

Advancing environmental assessment practice in South Africa



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

Mrs Stephanie Gopaul
26 Trevor Road
Westville
Durban
3603

Sent by email to: stephanie.gopaul@erm.com

Dear Mrs Gopaul

Registered Environmental Assessment Practitioner: Number 2020/2202
Stephanie Gopaul : South African ID 8312230120082

The Environmental Assessment Practitioners Association of South Africa (EAPASA) herewith certifies that Stephanie Gopaul 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 23 April 2020, and expires on 23 April 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: 23 April 2020

Board Members: Ms Snowy Makhudu (Chairperson), Mr Khangwelo Desmond Musetsho (Vice-Chairperson),
Mr Ntsako Baloyi, Mr Zama Dlamini, Mr Siyabonga Gqalangile, Ms Jacqui Hex, Mr Phumudzo Nethwadzi, Mr Danie Neumann.
Registrar: Dr Richard Hill
NPO Reg. No. 122-986

Stephanie Gopaul

Principal Consultant



Stephanie Gopaul is a Principal Consultant within ERM, based in Durban, South Africa. Upon obtaining a science degree in engineering and environmental geology, and Masters in Environmental Management, she was employed by the eThekweni Municipality in the air pollution division. Thereafter, Stephanie served at GCS (Pty) LTD as an Environmental Scientist before joining ERM. Stephanie has fifteen years of experience in the field of environmental management consulting.

Her fields of expertise include environmental authorisation processes (i.e. Basic Assessments, Remediation permitting, Environmental Impact Assessments, Environmental Management Plans, Integrated Water Use License, Integrated Water and Waste Management Plans in terms of South African environmental legislation and IFC performance standards). Additional, Stephanie has experience in closure planning and costing, environmental auditing, due diligence, feasibility studies and environmental risk assessments.

Stephanie has managed projects for a number of public and private sector clients in the oil and gas (upstream and downstream), power utilities, renewable energy, industrial, mining and transport sectors. Her particular focus and area of expertise is in the South African market where she has managed various large-scale, multi-disciplinary and complex projects for companies including Shell, Eni, ExxonMobil, Equinor, Sasol, Anglo suite, Forbes Coal, Bidvest Tank Terminals, etc.

Experience: 15 years' experience in environmental permitting, environmental management and project management.

LinkedIn: <https://www.linkedin.com/in/stephanie-gopaul-79473172>

Email: Stephanie.gopaul@erm.com

Professional Affiliations & Registrations

- IAIA SA

Fields of Competence

- Environmental Impact Assessments/ Basic Assessments,
- Environmental Management Programmes,
- Environmental audits and due diligence,

- Waste Management Licenses,
- Integrated Water Use License Applications,
- Integrated Water and Waste Management Plans (IWWMP),
- Environmental legal assessments;
- Environmental compliance monitoring,
- Mining and prospecting right applications,
- Public / stakeholder consultation and participation,
- Mine closure and closure cost estimations.

Education

- Masters in Environmental Management, University of the Free State, South Africa, 2012
- BSc. Environmental and Engineering Geology, University of KwaZulu Natal, South Africa, 2005

Additional Education

- Water Quality Monitoring Short Course - GCS
- Environmental Impact Assessment Training 3-day Course – Metamorphosis Environmental Consultants;
- Intermediate/ Advanced Excel (ExecuTrain);
- Conflict resolution (Elsie Van Der Merwe)
- Project Management- University of the Free State;
- Hazardous Waste Course- IWMSA (Institute of Waste Management of Southern Africa)
- Environmental Managers as Leaders, Managers and Change Masters- University of the Free State;
- First Aid- Titan Medical; and
- Defensive Driving Course- MasterDrive.

Languages

- English, native speaker

Key Industry Sectors

- Oil and Gas
- Manufacturing
- Chemicals
- Mining

Key Projects

- Coega LNG Redflags Reporting, ENVID/ HAZID, Stakeholder Mapping and Permitting Roadmap, South Africa, TotalEnergies
2021
Project Manager
Stephanie managed the team to support TotalEnergies carry out a Quantitative Risk Assessment (QRA) in order to inform a series of proposed exclusion zones for the TOTAL Coega LNG (Liquefied Natural Gas) concept which TOTAL has proposed to the South Africa Department of Mineral Resources and Energy
- Coega LNG Exclusion Zone Quantified Risk Assessment, South Africa, TotalEnergies
2021
Project Manager
Duties as project manager included client liaison, authority engagement, team management and project co-ordination, to deliver four key outputs

(Redflags Reporting, ENVID/ HAZID, Stakeholder Mapping and Permitting Roadmap) necessary to confirm TotalEnergies risk assessment, identify mitigation measures, map key stakeholders and understand their expectations.

- EMP for Multi-Client 3 D Seismic Survey, Transkei Basin, South Africa, Shearwater
2021
Project Manager
As project manager, Stephanie led the team that supported Shearwater who with a Reconnaissance Permit for an area of 22,000km² in the West Transkei region, offshore Port Elizabeth in South Africa. As part of this permit the requirement was to develop an EMP for managing potential environmental impacts that may result from the proposed operations and notify and consult with affected parties.
- Closure Certificate for Tugela South Offshore Block, South Africa, Impact Africa
2021
Project Manager
Impact Africa was supported in their application for a closure certificate for a portion of the Tugela South offshore block.
- Anglo IFC Gap Analysis and PS Training to Mines, South Africa and Botswana, Anglo American and De Beers
2020
Project Manager
The project involved a gap analysis of national and local legislation applicable to the South African and Botswana mines against the IFC Performance Standards. A workshop was held to facilitate an interactive learning on how to achieve compliance with IFC standards and what actions should be prioritised. Further to this, ERM led training sessions at each of the mines on IFC Performance Standards, the gaps identified and how to identify and close out any gaps.

- East Algoa Exploration Right EMPr Compliance Audit, South Africa, Equinor (formerly Statoil), 2020
Project Manager
Project managed, reviewed reporting and supported compilation of the East Algoa Exploration EMPr audit.
- Compliance Audit for Transkei Algoa Exploration Right EMPr, South Africa, ExxonMobil Exploration and Production South Africa Limited, 2020
Project Manager
Project managed, reviewed reporting and supported compilation of the audit Transkei Algoa Exploration EMPr audit.
- Compliance Audit for the Tugela South Exploration Right EMPr, South Africa, ExxonMobil Exploration and Production South Africa Limited, 2020
Project Manager
Project managed, reviewed reporting and supported compilation of the Tugela South Exploration EMPr audit.
- Compliance Audit (Close Out) for Deepwater Durban Exploration Right EMPr, South Africa, ExxonMobil Exploration and Production South Africa Limited, 2020
Project Manager
Project managed, reviewed reporting and supported compilation of the Deepwater South Exploration EMPr audit.
- Environmental Impact Assessment Appeal Response, South Africa, ENI, 2019-2020
Project Manager
Managing an appeal against the Environmental Authorisation.
- Environmental Impact Assessment for Offshore Exploration Drilling, South Africa, ENI, 2019
Project Consultant
Contributing to the drafting of a Scoping and EIA Report and the management of specialists for an exploration drilling project, offshore South Africa.

Additional support on this project included addressing appeal comments in collaboration with the ENI team and their appointed legal consultants.

- Shell Gess Programme, Shell, South Africa, 2013 - ongoing
Project Manager
Responsibilities included managing various (ERM has been awarded over 400 to date) Shell Gess projects including Remediation Orders, Section 24G Rectification Processes, Environmental Licensing, Environmental Audits and Waste Management Licenses in terms of specialists co-ordination, public consultation, client liaison, report compilation and all financial aspects. List of selected Projects include:
 - Bayhead Road Compliance Motivation;
 - Breede Valley Decommissioning Basic Assessment and ECO Audits;
 - Davenport Service Station Compliance Audit;
 - Combined Transport Section 30 Application;
 - Five Star Service Station Compliance Audit;
 - Glebe Service Station Compliance Audit and ECO;
 - Key Delta Basic Assessment Process and ECO Audit;
 - Assegai Motors Environmental Audit and EMP;
 - Bailey and Maile EMP;
 - Mondi Basic Assessment Process and ECO Audit;
 - Montrose Service Station ECO Audit;
 - Ntokozweni EMP and ECO Audit;
 - Philani Valley EMP and ECO Audit;
 - Masakhane Basic Assessment Process and ECO Audit;
 - Beverly Service Station Basic Assessment Process;
 - Diepsloot Basic Assessment Process;
 - Alberton Water Use License;
 - Bargain Wholesalers EMP;
 - Quatro EMP;
 - Summit Road Basic Assessment Process;
 - Willie Street Basic Assessment Process;
 - Cosmo City Basic Assessment Process;

- Caledon Depot Basic Assessment;
 - Witbank WULA;
 - Mvoti Service Station WULA;
 - Umfula Motors Basic Assessment Process;
 - Update of Dom Pedro EMP;
 - De Beers Kleinsee Decommissioning Basic Assessment Process;
 - AEL Modderfontein Decommissioning Basic Assessment Process;
 - Three Sisters Screening;
 - Western Cape Sites Screening; Project Black Rhino Screening and AEL;
 - Section 24G Screening Assessment.
- Project Caterpillar Audit, Arista Environmental Audit, 2018
Project Manager & Auditor
I completed the following tasks:
- ✚ Review of the formal and informal management systems, mechanisms, policies and procedures in place for the management of EHS issues at the Sites, including organization, objectives, targets, training, performance monitoring and auditing, and staffing, including use of contractors. Review of EHS capital expenditure (CapEx) plans.
 - ✚ Review of sustainability issues in the Supply Chain.
 - ✚ A review of integrated environmental permitting requirements, conditions and improvement programmes, as applicable.
 - ✚ A review of integrated environmental permitting requirements, conditions and improvement programmes, as applicable.
 - ✚ A review of emissions to air (both point-source and fugitive) from the site, focusing on demonstration of compliance with the permit and abatement measures required to achieve compliance with current or anticipated future permit/ license/ consent conditions.
 - ✚ A review of direct risks in relation to climate change regulation, such as emissions trading programmes and other climate change related regulations and taxes.
 - ✚ Review of wastewater sources, treatment and discharge (including storm water, process wastewater and domestic / sanitary wastewater) together with a demonstration of compliance with permit / consent conditions.
 - ✚ Review of processes for the handling and storage of liquid and solid hazardous raw materials, intermediates and products.
 - ✚ Review of principal waste types (hazardous and non-hazardous, liquid and solid), storage, handling and disposal practices (current and former, on-site and off-site), and a review of waste documentation and permitting.
 - ✚ Summary of the results of the most recent external audits or inspections (e.g. by regulatory agencies, fire authorities, customers/clients, insurers etc) and status of outstanding recommendations and their associated cost implications.
- Environmental Compliance Audit, Leggett and Platt Inc., 2018
Project Consultant
I conducted an environmental compliance assessment at the L&P Springs Stanger facility, which included an evaluation of the facility's compliance with the national and local environmental requirements and practices. Environmental topics reviewed included environmental permitting, air quality, waste materials management, water management (supply, storage release), wastewater management, storage tank systems, PCBs, asbestos; and ozone depleting substances.
- Kroonstad Terminal ECO Audit, Chevron, South Africa, 2015
Project Manager
Responsibilities included co-ordinating the monthly ECO site visits, reviewing the monthly ECO compliance audits and overseeing the compilation and submission of the annual compliance report.
- Alrode Terminal ECO Audit, Chevron, South Africa, 2015
Project Manager
Responsibilities included co-ordinating the monthly ECO site visits, reviewing the monthly ECO

compliance audits and overseeing the compilation and submission of the annual compliance report.

- Shell Gess Programme, Shell, South Africa, 2013 - ongoing
Project Manager
Responsibilities included managing various (ERM has been awarded over 400 to date) Shell Gess projects including Remediation Orders, Section 24G Rectification Processes, Environmental Licensing, Environmental Audits and Waste Management Licenses in terms of specialists co-ordination, public consultation, client liaison, report compilation and all financial aspects. List of selected Projects include:
 - Bayhead Road Compliance Motivation;
 - Breede Valley Decommissioning Basic Assessment and ECO Audits;
 - Davenport Service Station Compliance Audit;
 - Combined Transport Section 30 Application;
 - Five Star Service Station Compliance Audit;
 - Glebe Service Station Compliance Audit and ECO;
 - Key Delta Basic Assessment Process and ECO Audit;
 - Assegai Motors Environmental Audit and EMP;
 - Bailey and Maile EMP;
 - Mondri Basic Assessment Process and ECO Audit;
 - Montrose Service Station ECO Audit;
 - Ntokozweni EMP and ECO Audit;
 - Philani Valley EMP and ECO Audit;
 - Masakhane Basic Assessment Process and ECO Audit;
 - Beverly Service Station Basic Assessment Process;
 - Diepsloot Basic Assessment Process;
 - Alberton Water Use License;
 - Bargain Wholesalers EMP;
 - Quatro EMP;
 - Summit Road Basic Assessment Process;
 - Willie Street Basic Assessment Process;
 - Cosmo City Basic Assessment Process;
 - Caledon Depot Basic Assessment;
 - Witbank WULA;
 - Mvoti Service Station WULA;

- Umfula Motors Basic Assessment Process;
- Update of Dom Pedro EMP;
- De Beers Kleinsee Decommissioning Basic Assessment Process;
- AEL Modderfontein Decommissioning Basic Assessment Process;
- Three Sisters Screening;
- Western Cape Sites Screening; Project Black Rhino Screening and AEL;
- Section 24G Screening Assessment.

- On-Land Early Power Project, Department of Energy, South Africa, 2016
Project Consultant
Responsibilities include compilation of the application form, Scoping Reports, EIA and EMPs for this Gas to Power Project, located in Richards Bay, KwaZulu Natal.
- Floating Power Plant Project, Department of Energy, South Africa, 2016
Project Consultant
Responsibilities include compilation of the application form, Scoping Reports, EIA and EMPs for this Gas to Power Project, located in Richards Bay, KwaZulu Natal.
- Terminal Screening/ Scoping and EIA, Globeleq, South Africa, 2016 - ongoing
Project Consultant
Responsibilities include compilation of the application form, Scoping Reports, EIA and EMPs for this Gas to Power Project, located in Richards Bay, KwaZulu Natal.
- Jwaneng Mine Cut 9 Feasibility, Debswana, 2018
Project Co-ordinator/ Manager
- Responsibilities included managing the project from a schedule and financial perspective. Additional tasks included updating the Mine Closure (including rehabilitation) Plan as well as the Closure Cost Valuation and associated report.
- Polihali Reservoir and Associated Infrastructure, (Lesotho), Lesotho Highlands Development Agency, 2018

Assistant Project Manager

Responsibilities include input into the Inception Report, co-ordination of specialists in terms of field visits and their reporting, compilation of the Environmental and Social Impact Assessment and Environmental Management Plan.

- Venetia Mine Waste Management Licence, De Beers, 2015-2017
Project Manager
Responsibilities included managing the Waste Management Licence in terms of specialists' co-ordination, public consultation, client liaison, report compilation and all financial aspects.
- Voorspoed Mine Closure SIA, De Beers, 2017
Project Manager
Responsibilities included managing the project from a schedule and financial perspective. Additional tasks included compiling the environmental baseline and impact assessment.
- Hillside/ Mozal Closure Costing, South32, South Africa, 2020
Project Manager
Responsibilities include project managing all the tasks associated with closure modelling for 2 South 32 sites, namely Mozal and Hillside.
- Vopak Growth 4 Basic Assessment, Vopak terminal, South Africa, 2017
Project Manager
Responsibilities included managing the project in terms of processes co-ordination, authority and public consultation, specialist's co-ordination, report compilation and financial aspects.
- Alrode Depot Basic Assessment, Chevron, South Africa, 2015
Project Manager
Responsibilities included co-ordinating the project, reviewing the reports and overseeing the compilation and submission of the reports.
- Bakubung Platinum Mine Conceptual Closure Plan, Wesizwe Platinum Limited, 2015

Project Consultant

Compiled the Closure Plan for the Bakubung Platinum Mine located on the Western Limb of the Bushveld Igneous Complex, north of Rustenburg in the North West Province of South Africa. This Closure Plan has been defined to meet South Africa's regulatory requirements for mine closure.

- IPP Floating Power Plant, Department of Energy, South Africa, 2016 - ongoing
Project Consultant
Responsibilities include compilation of the application form, Scoping Reports, EIA and EMPs for this Gas to Power Project, located in the Port of Richards Bay, KwaZulu Natal.
- On-Land Early Power Project, Department of Energy, South Africa, 2016
Project Consultant
Responsibilities include compilation of the application form, Scoping Reports, EIA and EMPs for this Gas to Power Project, located in Richards Bay, KwaZulu Natal.
- Floating Power Plant Project, Department of Energy, South Africa, 2016
Project Consultant
Responsibilities include compilation of the application form, Scoping Reports, EIA and EMPs for this Gas to Power Project, located in Richards Bay, KwaZulu Natal.
- Terminal Screening/ Scoping and EIA, Globeleq, South Africa, 2016 - ongoing
Project Consultant
Responsibilities include compilation of the application form, Scoping Reports, EIA and EMPs for this Gas to Power Project, located in Richards Bay, KwaZulu Natal.
- AFROX CIBE, AFROX, South Africa, 2013- 2014
Project Manager
Responsibilities included managing the project in terms of coordinating specialists, holding public consultation, acting as client liaison, report compilation and managing all financial aspects.

- Teranga Mine Closure Plan, Teranga Gold Corporation, 2015
Project Consultant
Assisted in the compilation of the Mine Closure Framework and Mine Closure Plan in English for the Sabodala Gold Mine and regional exploration located in Senagal. The final documents were translated to French and submitted to the Government of the Republic of Senegal. This Closure Plan has been defined to meet Senagal's regulatory requirements, Teranga's Canadian-based principles and IFC standards for mine closure.

- Mageza Feasibility and Conceptual Remedial Design, Sasol Oil, South Africa, 2014
Project Manager
Responsibilities included managing and compiling a feasibility assessment and conceptual remedial design for the Mageza Filling Station based on the concept and associated costs of using wetlands for the removal of contamination.