

Short Resumé

Obakeng Mokgatle

Personal Data

Identity Number **881104 0480 081**

Sex **Female**

Nationality **South African**

Language Skills **English & Tswana (speak, read and write), Afrikaans & Zulu (speak & read)**

Educational Qualifications (higher)

Name of Institution	Degree Obtained	Dates Attended
Tshwane University of Technology	Btech Environmental Sciences	2014 - 2016
Tshwane University of Technology	N.Diploma Environmental Sciences	2008 – 2011

Professional Experience

Period: **October 2011 – June 2021**

Company Name: **Exigo Sustainability (Pty) Ltd**

Post: **Environmental Consultant**

Duties included:

- Environmental Consulting
- Ensuring compliance as stipulated by environmental laws, permits, licenses, authorizations and environmental management plans
- Water and dust quality monitoring
- Data interpretation and evaluation with trend analyses, data processing, quality control and database management
- Technical report writing
- Project implementation, coordination and administration
- Environmental site inspection
- Field work – Sampling and samples administration

- Client liason with various service providers, sub-consultants/specialists, laboratories consultation & feedback (Projects)
- Geographic Information System (GIS)- Mapping

Project Details

Process, Surface and Groundwater, Dust Fallout (WUL compliance Reports)
Sephaku Cement Plant, Aganang, Lichtenburg, North-West
Sephaku Cement Plant, Delmas Mpumalanga
Glencore Eastern Mines, Steelpoort, Limpopo
Anglo Mototolo Mine, Steelpoort, Limpopo
Phokathaba Platinum Mine, Steelpoort, Limpopo
Pilanesberg Platinum Mine, Rustenburg, North-West
Sedibelo Platinum Project, Rustenburg, North-West
Lonmin Platinum Limpopo, Zebediela, Limpopo
Mamba Cement Company, Thabazimbi, Limpopo
Nokeng Fluorspar Mine, Pretoria, Gauteng
Central Rand Basin Treatment Plant, Rivonia, Gauteng
East Rand Basin Treatment Plant, Rivonia, Gauteng
Reid & Mitchell, Benoni, Gauteng
Rustenburg Water Services Trust, Rustenburg, North-West
De Beers Exploration: Kimberley Geology Pit, Northern Cape
De Beers Group: Kimberley Microdiamond Laboratory, Northern Cape
Pering Mine, North-West
Lesego Platinum Mine, Limpopo
Festive: Division of Astral Operations, Olifantsfontein

Period: September 2021 – Present

Company Name: Prescali Environmental Consultants (Pty) Ltd

Post: Junior Environmental Consultant

Job Description: Duties include compiling technical documentation (IWWMP, EMPR/EMP, BA,EIA), Sampling & Public Participation.

Short Resumé

From October 2012 until June 2021, I worked as an Environmental Consultant at Exigo Sustainability (Pty) Ltd (previously AGES Gauteng) where I was working in the Environmental Monitoring Department ensuring compliance as stipulated by environmental laws, permits, licenses, authorizations and environmental management plans, doing samples administration, data evaluation and interpretation and also technical report writing. As of September 2021, I was full time employed by Prescali Environmental Consultants.

My environmental background includes being involved in an environmental field either as a student or in a working environment. From October 2012 to June 2021, I was being involved as an environmental consultant. My duties included consulting with regard to handling of water of non-compliant or concerning quality, water source management, quality impact mitigation and evaluation criteria, report writing on quality of all types of water, water impacted by contamination, water use and maintenance, data validation and interpretation, trending, data transfer, database maintenance, reporting on compliance to water use license specifications, and/or relevant water quality or dust fallout (ASTM D 1739, SANS 1929) guidelines & standards, All aspects of water quality monitoring, sampling, logistics, etc.

I am currently doing work with the mining and associated industries, compiling technical documentation (IWWMP, EMPR/EMP, BA, EIA), Sampling & Public Participation. I have gained valuable experience in the environmental field, which I intend to further my qualifications to complement my understanding of environmental sciences.

Short Résumé

Simrin Reddy

Personal Data

Identity Number 9808310149080
Sex Female
Nationality South African
Language Skills Afrikaans & English (speak, read and write)

Educational Qualifications (higher)

Name of Institution	Degree Obtained	Dates Attended
University of Pretoria, RSA	B.Sc Environmental Sciences	2017 - 2020

Professional Experience

Period: May 2021 – November 2021
Company Name: Prescali Environmental Consultants (Pty) Ltd
Post: Environmental Consultant Intern
Job Description : Aided in separating a scoping report and EIA's; compiled a Water Monitoring Report; aided in preparing Water Use Licenses; populated excel spreadsheets for DWS forms; revised an IWWMP; compiled a Basic Assessment Report; aided in collecting water samples from a mine separation plant; prepared a PowerPoint presentation for a public participation meeting; compiled minutes of meeting from the public participation meeting and compiled a newspaper advertisement and site notice for the public participation process.

Period: December 2021 – Present
Company Name: Prescali Environmental Consultants (Pty) Ltd
Post: Environmental Technician
Job Description: Updated IAP register and sent out the BID documents; compiled a Water Use Application; compiled a Basic Assessment Report and populated an excel spreadsheet for DWS forms.

Short Résumé

I, Simrin Reddy, the duly appointed Environmental Technician of Prescali Environmental Consultants (Pty) Ltd, have been involved in a range of environmental related studies for the past 8 months.

Since May 2021 I have been involved in private consulting projects. These types of projects include water management plans, water use license applications, basic assessment reports and environmental impact assessments.

I am an ambitious and passionate Environmental Scientist. I have acquired the knowledge on how to apply my skills and abilities to a challenging growth-orientated environment. My focus as an emerging professional is to utilize my strengths and make a positive impact and add value to Prescali Environmental Consultants (Pty) Ltd. I possess teamwork skills but also have the ability to deliver quality individual work as I have personal high standards.

Having been appointed as Environmental Technician of Prescali Environmental Consultants (Pty) Ltd since 2021 has provided me with the necessary teamwork skills, the ability to cope with long hours and hard work and time management skills.

Project Details

EIA/EMP Reports

During the compilation of Environmental Impact Assessment and related Management Programmes for mines as part of the requirements of the Mineral and Petroleum Resources Development Act of 2002, the specialist investigations being conducted by various specialists needs to be interpreted in order to provide the correct relevant information through to the relevant authorities in order to make an informed decision. The following Environmental Impact Assessment and related Management Programmes have been developed:

- Samancor Chrome Limited: Eastern Chrome Mines (August 2021) (Review),

The following Environmental Impact Assessment and related Management Plans have been developed in terms of the National Environmental Management Waste Act of 2008 as well as the National Environmental Management Act of 1997:

- North West Recycling (June 2009);
- Sylvania: Lannex Tailings Dam (July 2010);
- Phoenix Platinum: Buffelsfontein Tailings Dam (May 2013);
- Ironveld: Altona Smelter (March 2015);
- International Ferro Metals (SA) (January 2016).

Basic Assessments & Prospecting Right Applications

Some of the smaller projects that only requires a Basic Assessment in terms of EIA Regulations as promulgated in terms of the National Environmental Management Act and Prospecting Right Applications that I have been part of includes:

- Salene Maganese (November 2021);
- Erasmus Bush Camp (December 2021),

WUL & IWWMPs

As part of being in the consultancy industry, water assessments as part of applications for water use licenses for a number of companies were conducted, which includes:

- Phoenix Platinum Mining: Sylvania Lesedi (October 2021) (Review).

Short Résumé

Elaine van der Linde

Personal Data

Identity Number 771224 0049 083
Sex Female
Nationality South African
Language Skills Afrikaans & English (speak, read and write)

Educational Qualifications (higher)

Name of Institution	Degree Obtained	Dates Attended
University of the Free State, RSA	Masters in Environmental Management	2004 – 2005
University of Pretoria, RSA	B.Sc (Hons) Engineering Geology	1999
University of Pretoria, RSA	B.Sc Geology	1996 – 1998
University of South Africa	B. Com Business Management	2003 – 2009

Professional Registrations

Registration/Licensing Body	Type of Registration	Dates Obtained
International Register of Certified Auditors (IRCA)	Environmental Lead Auditor 2004/2015 Certificate number 01200720	April 2012
Exemplar Global (previously RABQSA International, Inc)	Environmental Lead Auditor EMS Certificate number 115197	June 2012
Professional Evaluation and Certification Board (PECB)	Environmental Lead Auditor Certificate number EMLA1010466-2019-03	March 2016
Environmental Assessment Practitioner Association of South Africa (EAPASA)	Environmental Assessment Practitioner Number 2020/2414	January 2021
The South African Council for Natural Scientific Professions	Professional Natural Scientist (Pr.Sci.Nat. number 400219)	August 2005
Geological Society of South Africa (GSSA)	Member Membership number 965302	September 2004
South African Institute for Engineering & Environmental Geologists	Member Membership number 07/236	February 2009
Ground Water Division of the GSSA	Professional Member Membership number 105	October 2009

Professional Experience

- Period: January 2000 – August 2002
 Company Name: Department of Water Affairs and Forestry – Regional Office
 Post: Water Pollution Control Officer (Water Quality)
 Job Description : Implementation of Catchment Management Strategies through the establishment of Catchment Management Agencies. The processing of applications for water use licensing in terms of the Water Use Authorisation Registration and Management System. Handling inquiries / complaints from the public pertaining to water quality issues. Evaluation of Environmental Management Programmes (EMP's) and Environmental Impact Assessments (EIA's) for mines and industries. Co-ordination of sampling programmes in the catchment and setting of water quality objectives for water resource in the catchment. Assisted with the testing, deployment and implementation of the Employee and Forum Structures as well as the Address Module of the WMS system. Formulate, implement and guide groundwater assessment, exploration, development and management programmes. Plan and oversee the implementation of groundwater monitoring and information systems.
- Period: September 2002 – February 2004
 Company Name: Department of Water Affairs and Forestry – National Office
 Post: Senior Geohydrologist (Groundwater Resource Management)
 Job Description: Development of policies, strategies & tools for groundwater as part of Integrated Water Resource Management in terms of the National Water Act, 1998 (Act 36 of 1998). Establishment and support of Water Management Institutions in Water Management Areas. Ensure protection of groundwater resources and minimization of impacts of waste and land based activities on water resources. Support policy development for protection of water based ecosystem. Engage in development of classification system for groundwater resources. Develop strategies and tools to conserve & enhance available water resources in a catchment, including the use of artificial recharge of groundwater resources and for exceptional water use. Development of guidelines and tools to implement the Groundwater Quality Management Strategy. Ensuring that groundwater is adequately addressed in the Catchment Management Strategies of CMA's. Development of capacity for groundwater resource management within the management hierarchy of national, catchment and water user association levels.
- Period: February 2004 – February 2006
 Company Name: Groundwater Consulting Services (Pty) Ltd
 Post: Unit Manager: Water Use Management
 Job Description: Ensure that Water Use Licenses are done to standard for clients and that approval is obtained from Department of Water Affairs and Forestry in an efficient time span. Compilation of Integrated Water and Waste Management Plans for clients to assist in their Water Use License Applications. Assist in the establishment of Water User Associations in terms of the National Water Act of 1998 (Act 36 of 1998). Assist the Department of Water Affairs and Forestry in various evaluations of documentation presented to the Department in a professional manner. Assist the Department of Water Affairs and Forestry in achieving the validation and verification process in terms of the National Water Act of 1998 (Act 36 of 1998). Standard Environmental Management Programme Auditing and Due Diligence Reporting in terms of the Minerals and Petroleum Resources Development Act, 2002 (Act 28 of 2002).
- Period: March 2006 – February 2008
 Company Name: M² Environmental Consultants (Pty) Ltd
 Post: Senior Environmental Consultant
 Job Description : Compilation of and peer review of Environmental Management Programme Reports according to the requirements of the Department: Minerals Resources. Compilation of and peer review of Scoping and Environmental Impact Assessment Reports according to the requirements of the Department: Environmental Affairs and Tourism. Ensure that Water Use Licenses are done to standard for clients and that approval is obtained from Department of Water and Sanitation in an efficient time span. Compilation of and peer review of Integrated Water and Waste Management Plans for clients to assist in their Water Use License Applications. Assist the Department of Water and Sanitation in the compilation of Water Use Licenses in relation to the requirements of the relevant legislation. Development of Rehabilitation Plans in order to ensure that the financial

provisioning as well as future rehabilitation of various projects is conducted in relation to the requirements as set out Nationally as well as Internationally. Environmental Management Programme Auditing in terms of the Minerals and Petroleum Resources Development Act, 2002 (Act 28 of 2002) and ISO 14001 principles. Environmental audits in terms of the National Environmental Management Act 1998 (Act 107 of 1998). Ensure that all projects are executed in accordance with contract specifications within the specified time frame, and in compliance with all legal requirements, thus providing quality service and documentation which is of exceptionally good value and satisfaction to our clients. .

Period: March 2008 – Present
 Company Name: Prescali Environmental Consultants (Pty) Ltd
 Post: Managing Director
 Job Description : Managing cash flows of company in accordance with the Companies Act. Compilation of and peer review of Environmental Management Programme Reports according to the requirements of the Department: Minerals Resources. Compilation of and peer review of Scoping and Environmental Impact Assessment Reports according to the requirements of the Department: Environmental Affairs and Tourism. Ensure that Water Use Licenses are done to standard for clients and that approval is obtained from Department of Water and Sanitation in an efficient time span. Compilation of and peer review of Integrated Water and Waste Management Plans for clients to assist in their Water Use License Applications. Assist the Department of Water and Sanitation in the compilation of Water Use Licenses in relation to the requirements of the relevant legislation. Development of Rehabilitation Plans in order to ensure that the financial provisioning as well as future rehabilitation of various projects is conducted in relation to the requirements as set out Nationally as well as Internationally. Environmental Management Programme Auditing in terms of the Minerals and Petroleum Resources Development Act, 2002 (Act 28 of 2002) and ISO 14001 principles. Environmental audits in terms of the National Environmental Management Act 1998 (Act 107 of 1998) and ISO 14001 principles. Water Use Licence Audits in terms of the National Water Act of 1998 (Act 36 of 1998) and the relevant issued Water Use Licence. Waste Licence Audits in terms of the National Environmental Management Waste Act of 2008 (Act 59 of 2008) and the relevant issued Waste Management Licence. ISO14001:2004 as well as ISO14001:2015 Audits in relation to the requirements of ISO19011 as external, 3rd Party auditor within a number of scopes/industries for a number of International Certification Bodies. Provide environmental specific training to various sectors with regards to the legal requirements as specified within the South African legal context. Provide training in terms of ISO14001:2004, ISO14001:2015, and Introduction to Environmental Management. Ensure that all projects are executed in accordance with contract specifications within the specified time frame, and in compliance with all legal requirements, thus providing quality service and documentation which is of exceptionally good value and satisfaction to our clients. Managing all aspects of quality, health and safety within the company through the development of a quality and health and safety policy, procedures, and risk assessments. Ensure workers' health and safety by providing information, instructions, training, and supervision.

Short Resumé

I, Elaine van der Linde, the duly appointed Managing Director of Prescali Environmental Consultants (Pty) Ltd, have been involved in a range of environmental related studies for the past 20 years with specialisation in environmental project management and environmental auditing. I have obtained relevant experience in environmental management and also have extensive experience in surface and groundwater quality, especially water quality management, water quality monitoring and water quality assessment as obtained at the Department of Water Affairs and Forestry. I was also responsible for the groundwater section of the implementation of the DANIDA funded project related to Integrated Water Resource Management Strategies and Guidelines to promote Sustainable Integrated Catchment Management within various parts of the country. The main aim of the project was to consider key concepts, namely equity, economic efficiency and sustainability as well as basic guiding principles within the implementation of the said guideline document in the catchments. Some of my activities included the assessment and review of the guideline documents, mechanisms for integration that has been introduced by the project, stakeholder participation and integration with other related projects within the specified areas

Since 2004 I have been in private consulting where my main fields of professional activity are in environmental management related projects and auditing (ISO 14001). These types of projects include water management plans,

water use license applications, due diligence assessments, basic assessments, environmental impact assessments, environmental management plans, performance assessment, financial provisioning and auditing. These projects usually require detailed project management and especially time and financial management. I have managed large multi-disciplinary teams and delivered the required documentation to national standards. I also have knowledge of legal terminology, legal documents, legal processes and legal strategy relating to the various types of environmental applications that are made to the various Government Departments.

For a period of approximately 8 years (2008 – 2015) I have assisted the Department of Water and Sanitation (DWS) through the Implementing Agent, Rand Water with the implementation and management of the Harties *Metsi a Me* Project of the Hartbeespoort Dam. I was responsible to co-ordinate and oversee the development of the business plan, addenda to the business plan, preparation of Project Execution Plans, Project Strategy & Management Plans, Project Reports (including Planning, Pre-Feasibility, Feasibility and Implementation where appropriate) and related documentation. Some of my main tasks within this project included to the Business Plan and addendums in terms of the requirements of the DWS. Stakeholder involvement and buy-in support, i.e. other government authorities and Interested and Affected Parties and review processes will be ensured. Progress reporting and Project Co-ordination in terms of progress deliverables, project scheduling and financial progress (including invoicing) as well as annual reporting. This includes regular reporting in terms of progress deliverables, project scheduling and financial progress (including invoicing) as well as annual reporting

Having completed and obtained the required SETA courses (US 115753 & US117871) in order to be able to conduct and assess training, assistance has been provided to a number of third party companies in providing training related to ISO14001:2004 and ISO14001:2015 as well as training with regards to Introduction to Environmental Management as well as more specific detailed environmental management training, i.e. Environmental Management Legislation of South Africa.

I am self-disciplined and have a desire to make a difference, be it working in a team or as an individual. I thrive on hard work being my motivator to meet my own high standards. I believe that confidence can be acquired through skill, experience and positive affirmation. I believe my integrity helps to build trust, allows me to influence others, sets and to maintain high standards and also builds my reputation as one who can be relied on. I believe that to make true progress towards a more sustainable future, society needs to be as open, honest and transparent as possible.

Having been appointed as Managing Director of Prescali Environmental Consultants (Pty) Ltd since 2008 has provided me with the necessary leadership skills, the ability to cope with long hours and hard work, and the inner resources to deal with stress and risk-taking. They also include the ability to build and manage our team of consultants in order to provide a cost-effective service to our clients and promote a realistic strategy with measurable targets.

Project Details

EIA/EMP Reports

During the compilation of Environmental Impact Assessment and related Management Programmes for mines as part of the requirements of the Mineral and Petroleum Resources Development Act of 2002, the specialist investigations being conducted by various specialists needs to be interpreted in order to provide the correct relevant information through to the relevant authorities in order to make an informed decision. The following Environmental Impact Assessment and related Management Programmes have been developed:

- Sylvania Minerals: Mooiooi Operations (February 2009),
- Sylvania Minerals: Steelpoort Operations (March 2009),
- International Ferro Metals (SA) (Pty) Ltd (November 2009),
- Sylvania Minerals: Lannex Operations (May 2010),
- Sky Chrome Mining (November 2010),
- Pan Palladium: Volspruit Project (April 2012),
- Sylvania Minerals: Tweefontein Operations (September 2012),

- Chromex Mining: Mecklenburg Operations (May 2013),
- Ironveld: Hakra Platinum Mine (November 2013),
- Memor Mining: Langpan (July 2014),
- Ironveld: Hakra Iron Mine (July 2014),
- Tjate Platinum Mining (July 2014),
- Ironveld: Iron Mine (October 2014),
- Afarak SA Mining: Vlakpoort (January 2015),
- Pan Palladium: Platinum Mine (May 2016),
- Grasvalley Chrome Mine (December 2016),
- Illitha Mining: Stellite Chrome Mine (June 2017),
- Corobrik: Driefontein expansion (June 2018) (Review),
- Galileo Resources: Glenover Phosphate Mine (April 2018) (Review),
- Sail Group: Black Chrome Mine (May 2018) (Review),
- Phokothaba Platinum: Smokey Hill (November 2019) (Review),

The following Environmental Impact Assessment and related Management Plans have been developed in terms of the National Environmental Management Waste Act of 2008 as well as the National Environmental Management Act of 1997:

- North West Recycling (June 2009);
- Sylvania: Lannex Tailings Dam (July 2010);
- Phoenix Platinum: Buffelsfontein Tailings Dam (May 2013);
- Ironveld: Altona Smelter (March 2015);
- International Ferro Metals (SA) (January 2016).

Basic Assessments & Prospecting Right Applications

Some of the smaller projects that only requires a Basic Assessment in terms of EIA Regulations as promulgated in terms of the National Environmental Management Act and Prospecting Right Applications that I have been part of includes:

- Apollo Brick: Springs (August 2008);
- Sylvania Minerals: Lannex Hazardous Chemical Installation (March 2009),
- Sylvania Minerals: Mooi-nooi Hazardous Chemical Installation (June 2009),
- Memor Marketing: Zilkaats Schietfontein Prospecting (February 2010);
- Sky Chrome Mining: Hazardous Chemical Installation (February 2011),
- Memor Marketing: Industrial Site on Haakdoorn-drift (August 2011);
- International Ferro Metals (SA) (Pty) Ltd: Hazardous Chemical Installation (November 2011);
- International Ferro Metals (SA) (Pty) Ltd: Co-Generation Plant (January 2012);
- Pan Palladium: Volspruit Prospecting (April 2012);
- Stonibut: Zilkaatsnek Prospecting (May 2012)
- Sky Chrome Mining: Road (October 2013),
- Ironveld: Non Plus Ultra Prospecting (October 2013);
- Afarak SA Mining: Vlakpoort (March 2014);
- African Spirit Trading: Firolaz prospecting (August 2014);
- African Spirit Trading: Papkuilfontein prospecting (October 2014);
- African Spirit Trading: VanDykSpruit prospecting (January 2015);
- Gransolar: IFMSA Solar panels (April 2015) (Review);
- Ironveld: EPIBEX Prospecting (November 2015);
- Ironveld: Luge Prospecting (December 2015);
- KMC Holdings: Vlakpoort Prospecting (November 2016);
- KMC Holdings: Haakdoorn-drift Prospecting (January 2017);
- Corobrik: Driefontein Expansion (June 2018) (Review);
- Estate d'Afrique: Road Extension (February 2020).

WUL & IWWMPs

As part of being in the consultancy industry, water assessments as part of applications for water use licences for a number of companies were conducted, which includes:

- Aquarius Platinum: Marikana Platinum Mine (June 2004),
- Richard Bay Minerals: Zulti South (February 2005),
- Samancor Western Chrome Mines: Mooiooi Section (February 2005),
- Wakefield Investments: Middelburg Townlands Colliery (March 2005),
- Samancor Western Chrome Mines: Millsell Section (March 2005),
- Leeuwnfontein Myne: Bankfontein Section (May 2005),
- Simmer and Jack Mines Limited: Transvaal Gold Mining Estates Limited (July 2005),
- Anglo Operation Limited: CBM Project (August 2005),
- Two Rivers Platinum (August 2005),
- Leeuwnfontein Myne: Lakeside and Leeuwnfontein Collieries (September 2005),
- Silicon Smelters (Pty) Ltd (November 2005),
- Aflase Gold and Uranium Resources: Aflase Uranium Mine (January 2006),
- Zincor a Division of Kumba Base Metals Limited (January 2006),
- Wonderstone Limited (January 2006),
- Assmang: BKM Mine (February 2006),
- Apollo Bricks: Olifantsfontein (February 2009),
- Sylvania Minerals: Lannex Operations (July 2010)
- SkyChrome Mining (August 2012),
- International Ferro Metals (SA) (Pty) Ltd (December 2011),
- Sylvania: Lannex Tailings Dam (July 2011),
- Sky Chrome Mining (July 2012),
- Chromex Mining: Mecklenburg (May 2013),
- International Ferro Metals (SA) (Pty) Ltd – Amendment (July 2013),
- Phoenix Platinum: Buffelsfontein Tailings Dam (July 2014) (Review);
- Ironveld: Hacra Iron Mine (July 2014) (Review),
- Afarak SA Mining: Vlakpoort (February 2015) (Review),
- Pan Palladium: Volspruit (February 2015) (Review);
- Ilitha Mining: Stellite Chrome Mine (March 2015) (Review),
- Apollo Bricks: Olifantsfontein (Update) (April 2015) (Review),
- Grasvally Chrome Mine (November 2015) (Review),
- Hacra Mining (December 2015) (Review),
- Pan Palladium: Platinum Mine (May 2016) (Review),
- Chromex Mining: Mecklenburg Operations (June 2016) (Review),
- Phoenix Platinum (Update) (September 2016 - 2018) (Review),
- De Beers Consolidated Mines: Venetia Mine (May 2018) (Review),
- Galileo Resources: Glenover Phosphate Mine (Current) (Review),
- Ironveld: Altona Smelter (Current) (Review),
- Sail Group: Black Chrome Mine (Current) (Review),
- Roodeband Chrome Mine (Current) (Review).

Closure Certificates , Rehabilitation Plans and Financial Provisioning

Applications for Closure Certificates have been completed on a number of projects as well as the determination of the financial provisioning as defined within the Mineral and Petroleum Resources Development Act:

- Sylvania: Samancor Operations Financial Provisioning (June 2008-2010);
- National Manganese Mines: Wolverand (November 2009);
- Memor Marketing: Langpan Prospecting Closure (September 2010);
- Apollo Brick: Delmas Closure (August 2011);
- Ilitha Mining: Stellite Chrome Mine Financial Provisioning (December 2011, March 2013, July 2014);

- Pan Palladium: Grasvally Rehabilitation Plan (June 2012);
- International Ferro Metals (SA) (Pty) Ltd: Rehabilitation Plan (May 2013);
- Sylvania: Samancor Operations Rehabilitation Plans (July 2013);
- Sylvania: Samancor Operations Financial Provisioning (June 2014-2019);
- Phoenix Platinum: Financial provisioning (June 2012, June 2016 - 2018);
- CMR Mining: Sefateng Prospecting Closure (October 2016);
- Chromex Mining: Mecklenburg Prospecting Closure (June 2017);
- National Manganese Mines: York (November 2016);
- Sail Group: Black Chrome Mine Financial Provisioning (April 2018);
- Matutu Clay Mine Financial Provisioning (December 2018).

Performance Assessments/Audits

As part of the requirements of the Mineral and Petroleum Resources Development Act of 2002, it is required by every mine to conduct an environmental performance assessment in order to ensure that the mine is complying with the relevant legislation as well as conforming to its approved Environmental Management Programme Report. The following assessments have been conducted at the following mines as per the requirements of the Mineral and Petroleum Resources Development Act of 2002:

- Anglo Operation Limited: CBM Project (November 2004, October 2005),
- International Ferro Metals (SA) (Pty) Ltd (December 2008 - 2012),
- Memor Mining: Langpan Section (March 2011 - 2013),
- Siphete Coal: Coastal Fuels Droogvalei and Paardeplaats Collieries (April 2011, February 2012)
- Sylvania Operations: Mooiooi. Millsell, Steelpoort, Doornbosch, Lannex (April 2011)
- Sky Chrome Mining (April 2012-2015),
- Purity Manganese Mines (July 2012)
- Destiny Spring Investments: Vlakpoort Section (September 2012),
- Ilitha Mining: Stellite Chrome Mine (March 2014),
- Pan Palladium: Zoetveld & Grasvally (April 2014),
- Chromex Mining: Mecklenburg Operations (June 2015),
- Platcro Minerals: Chemstof (May 2017),
- Grasvally Chrome Mine (July 2018),
- Mountain View Resources: Palmietfontein (October 2018) (Review),
- Matutu Clay Mine (December 2018),
- Sefateng Chrome Mine (December 2018),
- Phokathaba Platinum (Pty) Ltd (August 2019).

A number of Environmental Performance Audit Reports have been conducted at the following industries as per the requirements of their Environmental Authorisations:

- Sylvania Minerals: Lannex Operations (October 2010, May 2011, September 2011);
- Vus'ithemba Project Solutions cc: Piggery (November 2012, September 2013 and November 2015)

A number of Water Use Licence (WUL) audits have been conducted at the following mines as per the requirements of their WUL. These audits are conducted in terms of the approved WUL issued by the Department of Water Affairs in order to ensure that the requirements within the WUL as well as the National Water Act of 1998 are met.

- Apollo Bricks: Olifantsfontein (September 2011, August 2012, August 2013, October 2014, October 2015, October 2016, October 2017, October 2018, October 2019),
- Andalusite Resources: Thabazimbi (June 2011, September 2011, December 2011, January 2013, November 2014, December 2015, December 2016, December 2017, December 2018),
- Sedibeng Brewery (September 2011, November 2019),
- International Ferro Metals (SA): Mooiooi (June 2012, August 2013, August 2014),
- Omnia: Sasolburg (September 2013, November 2014),
- Omnia: Rustenburg (September 2013, November 2014),
- Stellite Chrome Mine: Rustenburg (May 2014),

- Ilitha Mining: Stellite Chrome Mine (October 2014, December 2015),
- Coastal Fuels (April 2015, November 2017),
- Vus'ithemba Project Solutions cc: Piggery (September 2013, November 2015)
- Phoenix Platinum (November 2017 - 2019) (Review),
- Grasvally Chrome Mine (March 2018, July 2019);
- Kingdom Development Company (August 2018) (Review);
- Phokathaba Platinum (Pty) Ltd (July 2018) (Review);
- The Kingdom Development Company (Pty) Ltd (August 2018) (Review);
- Bauba A Hlabirwa Mining Investments (August 2018 - 2019)
- Bauba A Hlabirwa Mining Investments (October 2018);
- Sefateng Chrome Mine (November 2018);
- Chevron South Africa (Pty) Ltd: Milly's Star Stop (December 2018) (Review);
- Sefateng Chrome Mine (December 2018) (Review);
- Eloff Sandwerke (April 2019);

In addition, a number of Waste Licence audits have been conducted at the following sewage treatment facilities as per the requirements of their Waste Licence in terms of the National Environmental Management Waste Act. These audits are conducted in terms of the approved Waste Licences issued by the Department of Environmental Affairs in order to ensure that the requirements within the Waste Licence as well as the National Environmental Management Waste Act of 2008 are met.

- Department of Public Works: Ncome Prison (March 2013),
- Department of Public Works: Ekuseni Prison (March 2013).

ISO14001:2015 Audits

Name of audited company	Location	Scope of company	Audit type	Audit days on site	Function as	Date of audit
Cargo Carriers	Mountainview	Transport and Logistics	3 rd Party Cert	6	Lead Auditor	18/07/2016 – 23/07/2016
Aveng Grinaker LTA Plant and Assets	Jet Park	Construction of buildings, roads, earthworks, concrete and infrastructure development in concrete construction and civil engineering works	3 rd Party Cert	6	Lead Auditor	25/07/2016-30/07/2016
Cargo Carriers	Mountainview	Transport and Logistics	3 rd Party Surv 1	3	Lead Auditor	19/06/2017 – 21/06/2017
Fountain Civil Engineering (Pty) Ltd	Fairway Green	Civil Engineering construction	3 rd Party Cert	5	Lead Auditor	21/08/2017-25/08/2017
Franki Geotechnical	Sandton	Design, Construction and installation of geotechnical engineering products	3 rd Party Cert	8	Lead Auditor	09/10/2017 – 18/10/2017
Crundwell Management Solutions (Pty) Ltd	Modderfontein	Extractive metallurgical consultancy and laboratories	3 rd Party Cert	3	Lead Auditor	24/10/2017 20/11/2017 – 21/11/2017
Fullserve Services (Pty) Ltd	Alberton	Electrical installations and maintenance facility service provider and supply and delivery of goods.	3 rd Party Cert	3	Lead Auditor	08/02/2018 – 10/02/2018
Reef Tankers (Pty) Ltd	Germiston	Primary and Secondary transportation of petroleum products	3 rd Party Cert	6	Lead Auditor	12/02/2018 – 20/02/2018
Liquid Telecommunications South Africa (Pty) Ltd	Midrand	Telecommunication network operator and service provider	3 rd Party Surv 2	3	Lead Auditor	19/02/2018 - 21/02/2018
Trollope Mining Services (Pty) Ltd	Bapsfontein	Opencast mining rehabilitation, bulk earth works and plant hire	3 rd Party Surv 2	4	Lead Auditor	05/03/2018-08/03/2018
Orapa & Lethlakane Mine	Orapa, Botswana	Opencast diamond mining and beneficiation	3 rd Party Re-Cert	3	Co-Auditor	10/04/2018-12/04/2018
Siemens Limited	Midrand	Electrical and power generation, petrochemical, manufacturing, industrial, automotive and mining.	3 rd Party Cert	5	Co-Auditor	07/05/2018-11/05/2018
Concor Plant	Johannesburg	Plant, Equipment and Formwork for the construction industry	3 rd Party Surv 2	4	Lead Auditor	02/05/2018-05/05/2018
Jwaneng Mine	Jwaneng, Botswana	Opencast diamond mining and beneficiation	3 rd Party Cert	3	Co-Auditor	28/08/2018 – 30/05/2018
Lepelle Northern Water	Polokwane	Abstraction, treatment, storage and bulk distribution of potable water. Sewage Treatment	3 rd Party Re-Cert	12	Lead Auditor	16/04/2018 – 21/04/2018 14/05/2018 – 19/05/2018
Concor Infrastructure	Johannesburg	Roads and freeway construction.	3 rd Party Surv 1	5	Lead Auditor	18/06/2018-22/06/2018
Aveng Grinaker LTA Civil Engineering	Jet Park	Civil Engineering, Rand Roads, Ground Engineering	3 rd Party Re-Cert	6	Co-Auditor	25/06/2018 – 31/06/2018
Aveng Grinaker LTA Building	Jet Park	Construction of Buildings	3 rd Party Re-Cert	5	Lead Auditor	02/07/2018 – 07/07/2018
Aveng Grinaker LTA Mechanical & Electrical ¹	Jet Park	Mechanical piping, electrical, instrumentation and structural steel and plate work	3 rd Party Surv 1	5	Lead Auditor	09/07/2018 – 13/07/2018
Cargo Carriers	Mountainview	Transport and Logistics	3 rd Party Surv 2	3	Lead Auditor	18/07/2018 – 20/07/2018
Concor Projects (Pty)	Amalgam	Opencast mining, related	3 rd	4	Co-	13/08/2018 –

Name of audited company	Location	Scope of company	Audit type	Audit days on site	Function as	Date of audit
Ltd t/a Concor Opencast Mining		earthworks, drilling and blasting, rehabilitation and industry related skills development and training.	Party Re-Cert		Auditor	16/08/2018
Fountain Civil Engineering (Pty) Ltd	Fairway Green	Civil Engineering construction	3rd Party Surv 1	4	Lead Auditor	20/08/2018-23/08/2018
Pilanesberg Platinum Mines (Pty) Ltd	Pilanesberg	Opencast mining, ore processing and production of concentrated platinum ore.	3rd Party Cert	5	Co-Auditor	27/08/2018 – 31/08/2018
Franki Geotechnical	Sandton	Design, Construction and installation of geotechnical engineering products	3rd Party Surv1	7	Co-Auditor	08/10/2018 – 11/10/2018 14/01/2019 – 16/01/2019
Crundwell Management Solutions (Pty) Ltd	Modderfontein	Extractive metallurgical consultancy and laboratories	3rd Party Surv1	1	Lead Auditor	28/02/2019
Jwaneng Mine	Jwaneng, Botswana	Opencast diamond mining and beneficiation	3rd Party Surv1	3	Co-Auditor	11/03/2019-13/03/2019
Lepelle Northern Water	Polokwane	Abstraction, treatment, storage and bulk distribution of potable water. Sewage Treatment	3rd Party Surv1	5	Lead Auditor	25/03/2019 – 29/03/2019
Morupule Coal Mine	Serowe, Botswana	Opencast and underground coal mining and beneficiation	3rd Party Surv1	4	Co-Auditor	08/04/2019-11/04/2019
Concor Plant ¹	Johannesburg	Plant, Equipment and Formwork for the construction industry	3rd Party Re-Cert	3	Lead Auditor	30/04/2019-02/05/2019
Aveng Grinaker LTA Mechanical & Electrical ¹	Jet Park	Mechanical piping, electrical, instrumentation and structural steel and plate work	3rd Party Surv 2	4	Co-Auditor	03/06/2019 – 06/06/2019
Acacia Operations Services (Pty) Ltd ¹	Umbogintwini	Renders utility service to a range of chemical companies within the Umbogintwini Industrial Complex	3rd Party Surv 1	1	Co-Auditor	07/06/2019
Imperial Dedicated Contracts a business unit of Imperial Logistics South Africa (Pty) Ltd	Alberton	ILDC is a specialised provider of customised logistics services (warehousing and logistics)	3rd Party Cert	4	Lead Auditor	18/06/2019 – 21/06/2019
Aveng Trident Steel (Pty) Ltd	Germiston	Merchanting, cutting, processing of steel and tube making from steel	3rd Party Re-Cert	6	Co-Auditor	24/06/2019 – 29/06/2019
Interconnect Systems (Pty) Ltd	Secunda	Installation, maintenance and repair of communication and electrical cabling	3rd Party Cert	5	Lead Auditor	15/07/2019 – 19/07/2019
Concor Infrastructure ^{1,2}	Johannesburg	Roads and freeway construction.	3rd Party Surv 2	4	Co-Auditor	22/07/2019-25/07/2019
Netcare OH & Travel Clinic	Boksburg	Health maintenance organization (HMO) medical centers and clinics	2nd Party	1	Auditor in Training	25/09/2019
Medicross Silverton	Pretoria	Offices of Physicians, Mental Health Specialists	2nd Party	1	Auditor in Training	01/10/2019
Fountain Civil Engineering (Pty) Ltd	Fairway Green	Civil Engineering construction	3rd Party Surv 2	4	Lead Auditor	07/10/2019-10/10/2019
Reinhardt Transport (Pty) Ltd	Nigel	Transport and Logistics	2nd Party	1	Lead Auditor	11/10/2019

ISO14001:2004 Audits

Name of audited company	Location	Scope of company	Audit type	Audit days on site	Function as	Date of audit
Northern Works –	Northern	Sewage treatment works	2 nd	1	Auditor in	10/05/10

Name of audited company	Location	Scope of company	Audit type	Audit days on site	Function as	Date of audit
Johannesburg Water	Works, Johannesburg		Party		Training	
Daimler Fleet Management	Silverton, Pretoria	Fleet management	2 nd Party	1	Auditor in Training	11/05/10
Pharmaworx	Randjiespark, Centurion	Manufacturing of medicine	2 nd Party	1	Auditor in Training	12/05/10
Debis Fleet Management	Edenvale	Fleet management	2 nd Party	1	Auditor in Training	14/05/10
RDS Retail Division	Centurion	Warehousing and distribution network	2 nd Party	1	Auditor in Training	23/08/10
Powertech Transformers	Booyssens, Johannesburg	Manufacturing of transformers	2 nd Party	1	Auditor in Training	24/08/10
Chemserve Perlite	Olifantsfontein, Midrand	Chemical product manufacturing	2 nd Party	1	Auditor in Training	25/08/10
Plaaskem	Lilianton, Boksburg	Chemical product manufacturing	2 nd Party	1	Auditor in Training	26/08/10
SAA Technical	Kempton Park	Services of aircrafts	2 nd Party	1	Auditor in Training	27/08/10
Chemiphos SA	Krugersdorp	Chemical product manufacturing	2 nd Party	1	Auditor in Training	10/10/10
N4 Trucks	Pretoria East	Vehicle services and sales	2 nd Party	1	Auditor in Training	18/10/10
BAE Systems	Elardus Park, Pretoria	Aviation Equipment Manufacturing	2 nd Party	1	Auditor in Training	19/10/10
Group 5	Waterfall Construction Site	Construction & engineering	2 nd Party	1	Auditor in Training	21/10/10
Sanparks	Muckleneuk, Pretoria	Administration, conservation	2 nd Party	1	Auditor in Training	22/10/10
UTI Pharma	Linbro Park, Sandton	Pharmaceutical Distribution	2 nd Party	1	Auditor in Training	06/12/10
Lake International Technologies	Natalspruit, Alrode	Chemical Product Manufacturing	2 nd Party	1	Auditor in Training	07/12/10
SA Weather Services	Erasmusrand, Pretoria	Supplier of Weather information	2 nd Party	1	Auditor in Training	08/12/10
DPI Plastics	Roodekop, Germiston	Manufacturing of plastics	2 nd Party	1	Auditor in Training	09/12/10
SAA Technical	Kempton Park	Services of aircrafts	2 nd Party	1	Auditor in Training	10/12/10
Woolworths	Olievenhoutsbosch, Midrand	Distribution of clothing	2 nd Party	1	Auditor in Training	24/02/11
Elkon Construction	Lynwood, Pretoria	Construction & engineering	2 nd Party	1	Auditor in Training	11/04/11
Afrimeasure	Silvertondale, Pretoria	Laboratory Services	2 nd Party	1	Auditor in Training	12/04/11
Group 5	Linmed Hospital Construction Site	Construction & engineering	2 nd Party	1	Auditor in Training	13/04/11
Joy Mining Machinery	Wadville, Germiston	Servicing of mining machinery	2 nd Party	1	Auditor in Training	14/04/11
Samancor WCM	Mooiwooi	Chrome Mine	2 nd Party	1	Auditor in Training	15/04/11
G4 Civils	Linksfeld Construction Site	Construction & engineering	2 nd Party	1	Auditor in Training	20/06/11
Rand Carbide	Witbank	Steel product manufacturing	2 nd Party	1	Auditor in Training	21/06/11
NECSA	Pelindaba, Hartbeespoort	Nuclear waste management	2 nd Party	1	Auditor in Training	22/06/11
Elkon Construction	Hazeldean, Pretoria	Construction & engineering	2 nd Party	1	Auditor in Training	23/06/11
SA Tissue Bank	Pretoria	Human Tissue Bank	2 nd Party	1	Auditor in Training	24/06/11
Roshcon	Midrand	Construction & engineering	2 nd	1	Auditor in	15/08/11

Name of audited company	Location	Scope of company	Audit type	Audit days on site	Function as	Date of audit
AT Towers	Bredell, Kempton Park	Mast construction	2 nd Party	1	Auditor in Training	16/08/11
Aveng Grinaker	Two Rivers Mine	Engineering & Mining	2 nd Party	1	Auditor in Training	17/08/11
SanParks	Kruger National Park	Conservation	2 nd Party	2	Auditor in Training	18/08/11 – 19/08/11
Vanchem Vanadium Products	Ferrobank, Witbank	Manufacturing of vanadium	Surveillance Audit	3	Auditor in Training	13/09/11 – 15/09/11
PFG Building Glass	Springs	Glass manufacturing	Surveillance Audit	5	Auditor in Training	17/10/11 – 21/10/11
ACSA	King Shaka Airport	Aviation Services	2 nd Party	3	Co-Auditor	08/11/12 – 12/11/12
Basil Read	Steelpoort	Construction & engineering	2 nd Party	2	Co-Auditor	22/01/13 – 23/01/13
Basil Read	Steelpoort	Construction & engineering	2 nd Party	1	Co-Auditor	02/07/13
Basil Read	Steelpoort	Construction & engineering	2 nd Party	2	Co-Auditor	07/10/13 – 08/10/13
Sandvik Mining and Construction	Jet Park	Mining and Construction	3 rd Party Re-Cert	1	Auditor in Training	10/12/13
Murray and Roberts	Johannesburg	Construction	3 rd Party Surv 1	1	Expert	16/04/14
Franki SA	Sandton	Construction	3 rd Party Pre-Ass	1	Co-Auditor	28/05/14
Elvey Security	Edenvale	Security	3 rd Party Re-Cert	3	Co-Auditor	07/07/14 – 09/07/14
Franki SA	Sandton	Construction	3 rd Party Cert	8	Co-Auditor	11/08/14 – 18/08/14
AfriSam SA	Ulco	Mining & Manufacturing Cement & Concrete	3 rd Party Re-Cert	5	Co-Auditor	02/02/15 – 06/02/15
Group Five	Jukskei View	Construction & engineering	3 rd Party Re-Cert	30	Lead Auditor	11/05/15 – 12/06/15
Cargo Carriers	Mountainview	Transport and Logistics	3 rd Party Surv 2	4	Lead Auditor	07/07/15 – 10/07/15
Lepelle Northern Water	Polokwane	Abstraction, treatment, storage and bulk distribution of potable water. Sewage Treatment	3 rd Party Re-Cert	5	Lead Auditor	20/07/15 – 25/07/15
Aveng Moolmans	Boksburg	Open pit mining contractors	3 rd Party Cert	6	Co-Auditor	31/08/15-05/09/15
Bilfinger Power Africa	Rivonia	Design, service, maintenance, manufacturing, refurbishment of power plants	3 rd Party Re-Cert	6	Lead Auditor	21/09/15-23/09/15 28/09/15-29/09/15 01/10/15
Foskor Mining	Phalaborwa	Mining, Beneficiation and marketing of phosphate rock	3 rd Party Re-Cert	5	Co-Auditor	09/11/15-13/11/15
Rheinmettal Denel Munition	Somerset West	Manufacturing, product development, plant, engineering, laboratories, and product qualification facilities for industrial and military application	3 rd Party Re-Cert	4	Lead Auditor	16/11/15-20/11/15
Aveng Grinaker LTA Building Coastal	Jet Park	Construction of buildings, roads, earthworks, concrete and infrastructure development in	3 rd Party Cert	5	Lead Auditor	08/02/16-12/02/16

Name of audited company	Location	Scope of company	Audit type	Audit days on site	Function as	Date of audit
		concrete construction and civil engineering works				
Esor Construction (Pty) Ltd	Germiston	Construction of pipelines, pipe services infrastructure works, building/housing. Construction and installation of sanitation	3rd Party Re-Cert	5	Lead Auditor	11/04/16-15/04/16
Denel SOC Ltd	Centurion	Design, develop, manufacture and supply of armaments, armoured equipment and infantry combat systems, naval and air defence including supply of components and logistic support and project management in humanitarian services through ERW	3rd Party Re-Cert	4	Lead Auditor	18/04/16-21/04/16
Murray and Roberts Plant	Johannesburg	Plant, Equipment and Formwork construction	3rd Party Re-Cert	3	Auditor	04/05/2016-06/05/2016
Group Five	Jukskei View	Construction & engineering	3rd Party Surv 1	9	Lead Auditor	09/05/2016 – 03/06/2016
Lepelle Northern Water	Polokwane	Abstraction, treatment, storage and bulk distribution of potable water. Sewage Treatment	3rd Party Surv 1	4	Sole Auditor	11/07/2016 – 14/07/2016
Bilfinger Power Africa	Rivonia	Design, service, maintenance, manufacturing, refurbishment of power plants	3rd Party Surv 1	5	Lead Auditor	01/08/2016 – 05/08/2016
Dartcom SA	Irene	The distribution and assembly of Fibre optic and RF cables, connectors, components and accessories	3rd Party Cert	5	Co-Auditor	19/09/2016-21/10/2016
Foskor (Pty) Ltd (Acid Division – Richards Bay)	Richards Bay	The manufacture of sulphuric acid, phosphoric acid, granular and bulk blend fertilizer	3rd Party Cert	5	Co-Auditor	21/11/2016-26/11/2016
Crossroads Distribution (Pty) Ltd	Spartan	Integrated freight management services, including full truck load collections and deliveries, load consolidation and warehousing	3rd Party Cert	5	Co-Auditor	12/12/2016-16/12/2016
Neotel (Pty) Ltd	Midrand	Telecommunications and service provider	3rd Party Surv 1	2	Sole Auditor	15/02/2017-17/02/2017
Omnia Fertilizer	Bryanston	Production of granular and liquid fertilizer including packaging and distribution.	2nd Party	2	Sole Auditor	27/02/2017 – 28/02/2017
Trollope Mining Services (2000) (Pty) Ltd	Ekhurleni	Opencast mining rehabilitation, bulk earth works and plant hire	3rd Party Surv 1	4	Co-Auditor	06/03/2017-09/03/2017
Morupule Coal Mine	Serowe, Botswana	Opencast and underground coal mining and beneficiation	3rd Party Cert	4	Co-Auditor	27/03/2017-30/03/2017
Orapa & Lethlakane Mine	Orapa, Botswana	Opencast diamond mining and beneficiation	3rd Party Cert	5	Co-Auditor	03/04/2017-07/04/2017
Electro Inductive Industries (Pty) Ltd	Blackheath	Design and development, manufacturing, repairing and refurbishing of Distribution transformers power transformers and miniature substations.	3rd Party Stage 1	3	Sole Auditor	10/04/2017-12/04/2017
Jwaneng Mine	Jwaneng, Botswana	Opencast diamond mining and beneficiation	3rd Party Cert	5	Co-Auditor	24/04/2017-28/04/2017
Group Five	Jukskei View	Construction & engineering	3rd Party Surv 1	2	Co-Auditor	04/05/2017 – 05/06/2017
Seton Auto Leather	Nigel	Vertically integrated tanning, retanning, finishing and cutting operations within the automotive vehicle leather industry.	3rd Party Cert	4	Co-Auditor	15/05/2017-18/05/2017

Name of audited company	Location	Scope of company	Audit type	Audit days on site	Function as	Date of audit
Murray and Roberts Plant	Johannesburg	Plant, Equipment and Formwork construction	3rd Party Surv 1	3	Lead Auditor	05/06/2017-07/06/2017
Lepelle Northern Water	Polokwane	Abstraction, treatment, storage and bulk distribution of potable water. Sewage Treatment	3rd Party Surv 2	4	Sole Auditor	17/07/2017–20/07/2017
Aveng Grinaker LTA Building	Jet Park	Construction of Buildings	3rd Party Surv 2	3	Lead Auditor	04/09/2017-06/09/2017
Steinmuller Africa (Pty) Ltd	Rivonia	Design, service, maintenance, manufacturing, refurbishment of power plants	3rd Party Surv 2	6	Lead Auditor	11/09/2017 – 16/09/2017
PPC Lime Ltd	Lime Acres	The exploration and extraction of limestone and dolomite, sales marketing of calcium based products	3rd Party Cert	4	Co-Auditor	26/09/2017 – 29/09/2017

Short Resumé

Christina Petronella Erasmus

Personal Data

Identity Number	7405020050088
Sex	Female
Nationality	South African
Language Skills	Afrikaans & English (speak, read and write)

Educational Qualifications (higher)

Name of Institution	Degree Obtained	Dates Attended
Potchefstroom University for Christian Higher Education ¹	Baccalareus scientiae	1993 – 1995
Potchefstroom University for Christian Higher Education	Baccalareus scientiae (honours)	1996
University of Port Elizabeth ²	Magister Scientiae	1998 – 1999
University of Port Elizabeth	Philosophiae Doctorae	2000 - 2003

Professional Registrations

Registration/Licensing Body	Type of Registration	Dates Obtained
Professional Evaluation and Certification Board (PECB)	Environmental Lead Auditor Certificate: EMLA1022016-2021-02	February 2018
Professional Evaluation and Certification Board (PECB)	Certified Trainer Certificate: CT02054-033-2021	March 2018
Environmental Assessment Practitioner Association of South Africa (EAPASA)	Environmental Assessment Practitioner Number: 2019-1473	November 2019
The South African Council for Natural Scientific Professions	Professional Natural Scientist Number: 116207	September 2017
Water Institute of South Africa	Member Membership: 38409	May 2018

Professional Experience

¹ University of the North West

² Nelson Mandela Metropolitan University

Period: March 2006 – December 2006
 Company Name: Department of Water Affairs and Forestry – Regional Office
 Post: Water Pollution Control Officer (Water Quality)
 Job Description: Site inspections of waste water treatment plant, potable water treatment plants and other businesses and mines that could negative impact on water quality for compliance with the National Water Act, 1998 (Act 36 of 1998). Registration and licensing of water uses, taking of water samples and interpretation of analyses results, investigation of pollution incidents. I also assisted with SASS monitoring for the regional River Health Programme. Other duties included correspondence with clients, following up on complaints, attending committees and awareness creation among stakeholders.

Period: January 2007 – April 2008
 Company Name: Department of Water Affairs and Forestry – Regional Office
 Post: Senior Water Pollution Control Officer
 Job Description: Knowledge of water policies and strategies relating to Integrated Water Resource Management was a requirement and I had to ensure that all water users complied with legal and technical principles. Other duties included Integrated Water Use Licences and in providing specialist input into waste disposal facilities applications. In addition, I was involved in facilitating integrated monitoring programmes in terms of water quality, microbial, biology and other aspects of river health as well as general administrative duties. I was also the Health and Safety officer for our office.

Period: May 2008 – February 2018
 Company Name: M2 Environmental Connections (Pty) Ltd and Prescali Environmental Consultants (Pty) Ltd
 Post: Environmental Assessment Practitioner
 Job Description: Duties include compiling technical documentation (EMPR / EMP, Water Balance, Surface Impact Report, WULA, IWRMP/IWWMP), Sampling (Harties Metsi A Me project), Public Participation, Administrative duties (Invoicing: Quotations), Auditing licences & mentoring new employees.

Short client list includes:

<i>Vesuvius South Africa (Pty) Ltd</i>	<i>Richmond Mining and Exploration</i>
<i>Samancor (Eastern and Western Chrome Mines)</i>	<i>Virtual Consulting Engineers</i>
<i>Andalusite Resources (Pty) Ltd</i>	<i>Samancor Ferrometals</i>

Period: March 2018 – Current
 Company Name: Prescali Environmental Consultants (Pty) Ltd
 Post: Environmental Assessment Practitioner
 Job Description: . Duties include compiling technical documentation (EMPR / EMP, Water Balance, Surface Impact Report, WULA, IWRMP/IWWMP), Public Participation, Administrative duties (Invoicing: Quotations) & mentoring new employees, ISO14001 training, Legislative training, Auditing compliance with legislation, licences and management reports.

Client list include (not comprehensive):

<i>University of Mpumalanga</i>	<i>Sylvania Metals (Pty) Ltd</i>
<i>Gudani Consulting (Pty) Ltd</i>	<i>Red Kite Environmental Solutions (Pty) Ltd</i>
<i>Corobrik (Pty) Ltd</i>	<i>Glenover Phosphate</i>
<i>Sail Group</i>	<i>Inlexo Innovative Solutions</i>
<i>Salene Manganese (Pty) Ltd</i>	<i>Reinhard Transportation Group (Pty) Ltd</i>
<i>Venetia Diamond Mine</i>	

Short Resumé

I am a dedicated employee and will always give my best to my employer, clients and students. That being said I have been employed in the educational, government and consulting services as discussed below.

During my post graduate studies (1996 – 2003) I have worked as a laboratory assistant and in 2004 I lectured at the University of Port Elizabeth (now Nelson Mandela Metropolitan University). I have found the lecturing truly rewarding and enjoyed disseminating my knowledge to the young minds of our future work force. Subjects in which training was provided included the Bridging course for first year exchange students or students that did not have biology in high school and the physiology of the brain for nursing students.

My environmental background includes being involved in an Environmental field either as a student or in a working environment. From March 2006 – April 2008 I was involved in Water Management with the Department of Water Affairs and Forestry (DWAF, pre-2009). My duties included evaluation (evaluation, commenting and recommendation) of various regulatory required documents (such as Environmental Management Programs (EMPR's), Water Licence Applications and Environmental Impact Assessments), as well as the compilation of these documents. This work has been done for waste water management, mining and industrial sectors, as well as for private developers (e.g., residential) and business. In addition, as I have graduated in an Environmental Field (Zoology, specifically marine pollution) I have a great understanding of the water related environmental systems.

From May 2008 till January 2018, I have worked as an Environmental Consultant at the firm M2 Environmental Connections (MENCO). During this time, I was assisting Prescali Environmental Consultants with various projects focusing on auditing, environmental impact assessments, environmental management plans, water use licence applications and related aspects. As of February 2018, I am full time employed by Prescali and have increased the number of training sessions that I have presented relating to Environmental Legal Awareness. During my time at Menco and Prescali I have gained experience in the mining, industrial, health and development sectors.

In addition to the above, I have experience in an agricultural (game) field, for work that I did for the Terrestrial Ecological Research Unit at the then University of Port Elizabeth. Another speciality area is waste management and I have drafted waste management reports, classification reports as well sewage management reports.

Since I passed the ISO14001: 2015 Lead Auditor Exam through PECB in 2018, I have started to accumulate hours auditing this Management System and found it a very rewarding field as I can implement all the experience that I have gained throughout the years in determining conformance to the system. As a certified PECB Trainer for ISO14001: 2015 I have also been approached to conduct training on the ISO14001: 2015 standard and on Environmental Law (South Africa) providing me the way to share the experience that I have with other parties and thus fulfilling one of my goals.

I also take pride in the fact that I am registered with the South African Council for Natural Scientific Professions (SACNASP) in the Ecological and Environmental Scientific fields and that I am a Member of the Water Institute of South Africa (WISA). I have also been registered as an Environmental Assessment Practitioner with the Environmental Assessment Practitioners Association of South Africa (EAPASA).

Project Details

Scoping and EIA/EMP Reports

During the compilation of Environmental Impact Assessment and related Management Programmes for mines as part of the requirements of the Mineral and Petroleum Resources Development Act of 2002, the National Environmental Management Waste Act of 2008 as well as the National Environmental Management Act of 1997, the specialist investigations being conducted by various specialists needs to be interpreted in order to provide the correct relevant information through to the relevant authorities in order to make an informed decision. The following Environmental Impact Assessment and related Management Plans have been developed:

- 2009: Compiled the EIA and EMP for the mine as part of the Mining right conversion for the Buffelsfontein Sections: Samancor Western Chrome Mines
- 2009: Compiled the EIA and EMP for the mine as part of the Mining right conversion for the Mooinooi Sections: Samancor Western Chrome Mines
- 2009: Compiled the EIA and EMP for the mine as part of the Mining right conversion, also compiled the EIA and EMP for new mining right on additional properties. Portion 7 and 10 of Elandsfontein: Apollo Brick (Pty) Ltd
- 2009: Compiled the EIA and EMP for the mine as part of the Mining right conversion for the Elandsdrift Section: Samancor Western Chrome Mines
- 2011: Compiled an EIA/EMP for the operations: Hoyohoyo Mining (Pty) Ltd
- 2011: Compiled the Scoping and EIA/EMP Documents for the waste act application to re-use slag: IFMSA
- 2011: Compilation of an EIA/EMP for proposed coal mining activities: William Patrick Bower

- 2011: Compiled the EIA / EMP report for the NEMA applications: Virtual Consulting Engineers
- 2012: Drafted the EIA and EMP for the EMPR amendment as part of the Mining right conversion process: Coastal Fuels (Pty) Ltd
- 2013: Compiled the EIA/EMP documentation for the upgrade of the Waste Water Treatment works: Virtual Consulting Engineers
- 2013: Lannex Section: Drafted the scoping and EIA/EMP documents for the amendment of the existing mining rights: Samancor Eastern Chrome Mines
- 2021: Compiled the Tweefontein EIA/EMPr amendment and consultation report: Samancor Eastern Chrome Mines
- 2009: Drafted the Scoping Report for the EIA/EMP for Jagdlust Section: Samancor Eastern Chrome Mines
- 2011: Compiled the Scoping and EIA/EMP Documents for the waste act application to re-use slag: IFMSA
- 2013: Drafted the Scoping Report for the EIA/EMP for Tweefontein Section: Samancor Eastern Chrome Mines
- 2020: Compiled the Scoping report for the Eastern Chrome Mines TSF and WRD expansion project at Tweefontein: Samancor Chrome Ltd

Basic Assessments & Prospecting Right Applications

Some of the smaller projects that only requires a Basic Assessment in terms of EIA Regulations as promulgated in terms of the National Environmental Management Act and Prospecting Right Applications that I have been part of includes:

- 2009: Conducted and compiled the Basic Assessment for the upgrade of the Waste water treatment works at the Nerston Port of Entry: Virtual Consulting Engineers
- 2018: Management of the BA Process for the proposed new kilns: Corobrik
- 2020: Compiled the Application form and the Basic Assessment Report (inclusive of EMPr) for the proposed pipeline between Lesedi and Mooi nooi Sections: Samancor Chrome Ltd
- 2021: Compiled the Basic Assessment Report and Environmental Management Programme for the proposed pipeline between Lesedi and Mooi nooi Sections: Samancor Chrome Ltd

WUL & IWWMPs

As part of being in the consultancy industry, water assessments as part of applications for water use licences for a number of companies were conducted, which includes:

- 2014 IWRMP Updated the existing IWWMP and water use licence application, this included drafting water balances: Samancor Western Chrome Mines
- 2009 IWWMP Compiled the Integrated Water and Resource Management plan for the mine that was used as supporting information in the Water use licence application. Elandsfontein: Apollo Brick (Pty) Ltd
- 2009 IWWMP Compiled the Integrated Water and Resource Management plan for the mine that was used as supporting information in the Water use licence application for the Nerston Port of Entry: Virtual Consulting Engineers
- 2009 IWWMP Compiled the Integrated Water and Resource Management plan for the Twyfelaar Chrome mine: MTC Minerals / CMR
- 2010 IWWMP Compiled the Integrated Water and Resource Management plan for the Lannex Section's New Tailings dam: Samancor Eastern Chrome Mines
- 2010 IWWMP Compiled the Integrated Water and Resource Management plan for the Middelpunt mine (Mpumalanga) that was used as supporting information in the Water use licence application.: Ibhuesi Ore and Exploration (Pty) Ltd (Richmond Mining & Exploration)
- 2010 IWWMP Compiled the Integrated Water and Resource Management plan small scale mining activities at Sefateng Chrome Mine: MTC Minerals / CMR
- 2010 IWWMP Compiled the Integrated Water and Resource Management plan for Andalusite Resource Maroeloesfontein Mine: Andalusite Resources (Pty) Ltd
- 2010 IWWMP Compilation of an IWWMP for the Water use licence process: Corridor Mining Resources
- 2010 IWWMP Compiled the Integrated Water and Resource Management plan for the mine that was used as supporting information in the Water use licence application: Sky Chrome Mining (Pty) Ltd

- 2010 IWWMP Compiled the Integrated Water and Resource Management plan for the Buffelsfontein Sections: Samancor Western Chrome Mines
- 2010 IWWMP Compiled the Integrated Water and Resource Management plan for the Mooinooi Sections: Samancor Western Chrome Mines
- 2010 IWWMP Compiled the Integrated Water and Waste Management plan for the Buffelsfontein Section: Samancor Western Chrome Mines
- 2010 IWWMP Compiled the Integrated Water and Waste Management plan for the Mooinooi Section: Samancor Western Chrome Mines
- 2010 IWWMP Compiled the Integrated Water and Resource Management plan for the Sefateng Chrome mine: MTC Minerals / CMR
- 2010 IWWMP Compiled the Integrated Water and Resource Management plan for the Imbabala Colliery: Altius 345 (Pty) Ltd
- 2010 IWWMP Compiled a IWWMP for the operations: Hoyohoyo Mining (Pty) Ltd
- 2011 IWWMP Compiled the Integrated Water and Waste Management plan for the Millsell and Waterkloof Sections: Samancor Western Chrome Mines
- 2012 IWWMP Compiled the Integrated Water and Waste Management plan for the mine that was used as supporting information in the Water use licence application: Vesuvius SA
- 2012 IWWMP Compiled the Integrated Water and Waste Management plan for the mine that was used as supporting information in the Water use licence application: Samancor Eastern Chrome Mines
- 2012 IWWMP Compiled the Integrated water and waste management plan for the Water use licence application: Samancor Eastern Chrome Mines
- 2013 IWWMP Compiled the Integrated Water and Waste Management plan for the mine that was used as supporting information in the Water use licence application: Samancor Eastern Chrome Mines
- 2013 IWWMP Compiled the Integrated Water and Waste Management plan for the mine that was used as supporting information in the Water use licence application: Phoenix Platinum
- 2013 IWWMP Compiled the Integrated Water and Waste Management plan for the mine that was used as supporting information in the Water use licence application: Chromex mining / Afarak / Ruuki
- 2014 IWWMP Drafted the IWWMP for the new Saldanha operations: AfriSam
- 2014 IWWMP Updated the existing IWWMP and water use licence application, this included drafting water balances: Samancor Western Chrome Mines
- 2014 IWWMP Updated the 2013 IWWMP report and drafted a Water balance for the licensee: IFMSA
- 2014 IWWMP Compiled the IWWMP for the Water use licence amendment Andalusite Resources (Pty) Ltd
- 2015 IWWMP Compiled the Integrated Water and Waste Management plan for the Altona Smelter: Pan Palladium South Africa (Pty) Ltd
- 2015 IWWMP Updated the IWRMP into the IWWMP format and applied for an amendment to the existing Water use licence: Elandsfontein Apollo Brick (Pty) Ltd
- 2016 IWWMP Compiled the Integrated Water and Waste Management plan for the mine that was used as supporting information in the Water use licence application: Pan Palladium South Africa (Pty) Ltd
- 2016 IWWMP Compiled the Integrated Water and Waste Management plan for the mine that was used as supporting information in the Water use licence application: Pan Palladium South Africa (Pty) Ltd
- 2016 IWWMP Compiled the IWWMP for the Magnetite mining project: Hacra Mining and Exploration Company (Pty) Ltd
- 2016 IWWMP Compiled the IWWMP for the Hacra PGE mining project: Hacra Mining and Exploration Company (Pty) Ltd
- 2016 IWWMP Update of the IWWMP's for various sections into one document: AEMFC (Gudani)
- 2016 IWWMP Updated the IWWMP: Phoenix Platinum
- 2017 IWWMP Compiled the IWWMP report for the Jagdlust section: Samancor Eastern Chrome Mines
- 2017 IWWMP Compiled the Integrated Water and Waste Management plan for the mine that was used as supporting information in the Water use licence application: Sky Chrome Mining
- 2017 IWWMP Updated the IWWMP: Phoenix Platinum

- 2018 IWWMP General Authorisation report for the Hacra (HW Iron) Magnetite project: Hacra Mining and Exploration Company (Pty) Ltd
- 2018 IWWMP Compiled the IWWMP for the Mooihoek Chrome Mine (BCM): Umnotho we-Sizwe Resources (Sail group)
- 2018 IWWMP Annual update of the IWWMP for Phoenix Platinum: Phoenix Platinum
- 2018 IWWMP Compiled the IWWMP for the water use licence application: Glenover Phosphate
- 2011 WQMR Compiled the Water Quality Management Report as per the DWS guideline as part of the Water use licence: Virtual Consulting Engineers
- 2011 WQMR Compiled the Water Quality Management Report as per the DWS guideline as part of the Water use licence: Virtual Consulting Engineers
- 2013 WQMR Compiled the Water quality management report for the upgrade of the Waste Water Treatment works: Virtual Consulting Engineers
- 2013 WQMR Compiled the Water quality management report for the upgrade of the Waste Water Treatment works: Virtual Consulting Engineers
- 2013 WQMR Compiled the Section 24(g) application documentation for the upgrade of the Waste Water Treatment works: Virtual Consulting Engineers
- 2017 WQMR Compiled the WQMR for the ERWAT Vlakplaats Water use licence amendment: Virtual Consulting Engineers
- 2009 WULA Assisted with the finalisation of the application for a water use licence for the Rustenburg Waste Water Treatment works: SRK
- 2009 WULA Water use licence application process for the Twyfelaar Chrome Mine: MTC Minerals / CMR
- 2010 WULA Water use licence application process for the Middelpunt activities: Ibhubesi Ore and Exploration (Pty) Ltd (Richmond Mining & Exploration)
- 2010 WULA Facilitated the Water use licence application process for the Maroeloesfontein operation: Andalusite Resources (Pty) Ltd
- 2010 WULA Water use licence application process for the Buffelsfontein Sections: Samancor Western Chrome Mines
- 2010 WULA Water use licence application process for the Mooinooi Section Samancor: Western Chrome Mines
- 2010 WULA Water use licence application process for the Sefateng Chrome Mine: MTC Minerals / CMR
- 2011 WULA Water use licence application process for Millsell and Waterkloof Sections: Samancor Western Chrome Mines
- 2012 WULA Facilitated the Water use licence amendment process for the Maroeloesfontein operation: Andalusite Resources (Pty) Ltd
- 2013 WULA Managed the Water Use Licence Application Process: Samancor Eastern Chrome Mines
- 2014 WULA Facilitated and compiled additional documentation for the WUL submitted in 2008: Coastal Fuels (Pty) Ltd
- 2014 WULA Managed the WULA process: AfriSam
- 2014 WULA Facilitated the Water use licence amendment process for the Maroeloesfontein operation: Andalusite Resources (Pty) Ltd
- 2017 WULA Management of the Water use licence application process: Kingdom Development Company
- 2018 WULA Drafted the WULAR documentation for the Mooihoek Chrome Mine Water use licence application for water from the Lebelelo water scheme: Umnotho we-Sizwe Resources (Sail group)
- 2018 WULA Motivation and request for administrative changes to the Grasvally Chrome Mine WUL: Sylvania
- 2018 WULA Compiled and submitted the WULAR documentation that was submitted for the Mooihoek Chrome Mine Water integrated water use licence: Umnotho we-Sizwe Resources (Sail group)
- 2018 WULA Compiled documentation for the WUL amendment of Phoenix (Borehole location change): Sylvania

- 2019 WULA Managed the eWULA process for the proposed smelter: Altona Smelting
- 2010 WULAR Compiled the Integrated Water and Resource Management plan for Andalusite Resource Maroeloesfontein Mine: Andalusite Resources (Pty) Ltd
- 2010 WULAR Compilation of a WULAR for the Water use licence process: Corridor Mining Resources
- 2011 WULAR Compilation of a WULAR for Section 21(c) and (i) activities for township development: Nungu Trading 691 (Pty) Ltd
- 2014 WULAR Compilation of the Water Use Licence Application Report: AfriSam
- 2017 WULAR Compiled the Water use licence application report for the Jagdlust section: Samancor Eastern Chrome Mines
- 2018 WULAR Compiled the WULAR for the water use licence application: Glenover Phosphate

Closure Certificates, Rehabilitation Plans and Financial Provisioning

Applications for Closure Certificates have been completed on a number of projects as well as the determination of the financial provisioning as defined within the Mineral and Petroleum Resources Development Act:

- 2020: Compiled a closure and rehabilitation plan for proposed prospecting activities: Salene Manganese
- 2012: Compilation of closure documentation for Paardeplaats: Coastal Fuels (Pty) Ltd
- 2012: Compilation of a closure plan for the Paardeplaats Section: Coastal Fuels (Pty) Ltd
- 2011: Calculated the closure quantum for the Elandsdrift Section as per the DMR guideline: Samancor Western Chrome Mines
- 2011: Calculated the closure quantum for the Millsell/Waterkloof Sections as per the DMR guideline: Samancor Western Chrome Mines
- 2011: Calculated the closure quantum for the Mooinooi Sections as per the DMR guideline: Samancor Western Chrome Mines
- 2011: Calculated the closure quantum for the Mooinooi, Millsell/Waterkloof, Elandsdrift and Buffelsfontein Sections as per the DMR guideline: Samancor Western Chrome Mines
- 2012: Calculated the closure quantum as per the DMR guideline: Porta Plant
- 2018: Annual update of the financial liabilities for all the Sylvania sites: Sylvania
- 2018: Annual update of the financial liabilities for Phoenix Platinum: Phoenix Platinum.
- 2009: Compiled the Emergency Rehabilitation Plan for the activities that occurred on the farm Middelpunt, Mpumalanga: Richmond Mining & Exploration
- 2015: Compiled a rehabilitation plan for the Witkranz colliery area: Coastal Fuels (Pty) Ltd
- 2018: Drafted the supporting documentation for the Mooihoek Chrome Mine Water use licence application: Rehabilitation strategy and Landscape Maintenance Plan: Umnotho we-Sizwe Resources (Sail group)
- 2018: Drafted the rehabilitation plan for the impacts on watercourses as a result of mining activities: Umnotho we-Sizwe Resources (Sail group)
- 2018: Annual update of the Rehabilitation Strategy and Landscape Maintenance Plan for Phoenix Platinum: Phoenix Platinum
- 2019: Amended the rehabilitation strategy: Phoenix Platinum
- 2018: Drafted the RSIP for Samancor Buffelsfontein East Section: Samancor Western Chrome Mines
- 2020: Compiled the Rehabilitation strategy and implementation for a new water use licence application: Samancor Chrome Ltd
- 2017: Compiled a rehabilitation plan for Meadowhurst: Nouvall Investments
- 2021: Compiled the Rehabilitation strategy and implementation for a new water use licence application: Samancor Chrome Ltd
- 2021: Compiled the Rehabilitation strategy and implementation for a new water use licence application: Samancor Chrome Ltd
- 2021: Compiled the Rehabilitation strategy and implementation for a new water use licence application: Samancor Chrome Ltd

Performance Assessments/Audits

As part of the requirements of the Mineral and Petroleum Resources Development Act of 2002, the National Environmental Management Act, 1998 and the National Environmental Management: Waste Act, 2008, it is required

by every mine / development to conduct an environmental performance assessment in order to ensure that the mine is complying with the relevant legislation as well as conforming to its approved Environmental Management Programme Report and licences. The following assessments have been conducted:

- 2010: Conducted the audit on the Environmental Authorisation for the Samancor Lannex New Tailings storage facility: Samancor Chrome Ltd: Eastern Chrome Mines:
- 2011: Audit on the Environmental Authorisation for the Samancor Lannex New Tailings storage facility: Samancor Chrome Ltd: Eastern Chrome Mines:
- 2011: Audit on the Environmental Authorisation for the Samancor Lannex New Tailings storage facility: Samancor Chrome Ltd: Eastern Chrome Mines:
- 2011: Conducted an audit on the compliance with the requirements of the EMPR: IFMSA
- 2011: Conducted the External Water Use Licence audit for Apollo brick: Apollo Brick
- 2012: Tweefontein Section: Conducted an audit on legislative compliance of the mine (NEMA, NWA, NEMWA): Samancor Chrome Ltd: Eastern Chrome Mines:
- 2012: Conducted a legal audit in terms on NEMA and NEMWA on the section's activities for Lannex Section: Samancor Chrome Ltd: Eastern Chrome Mines:
- 2012: Conducted an internal legal audit (NEMA/NEMWA) on the Doornbosch/Steelpoort sections activities: Samancor Chrome Ltd: Eastern Chrome Mines:
- 2014: Conducted an external audit on the Mining right holder's compliance with the EMPR: Sky Chrome Mining
- 2015: Conducted an external audit on the Mining right holder's compliance with the EMPR: Sky Chrome Mining
- 2017: Conducted on audit on the compliance with the Environmental authorisation for the new tailings dam at Lannex: Samancor Chrome Ltd: Eastern Chrome Mines:
- 2017: Conducted an audit to determine if Diesel tanks installation required an Environmental Authorisation: Sylvania Lannex Section
- 2017: Conducted a performance assessment on compliance with the Waste management licence for the new slimes dam: Samancor Chrome Ltd: Ferrometals
- 2017: Conducted a performance assessment on compliance with the Waste management licence for the new slimes dam: Samancor Chrome Ltd: Ferrometals
- 2017: Conducted a performance assessment on compliance with the Waste management licence for the Decommissioning of the Northern Slimes dam: Samancor Chrome Ltd: Ferrometals
- 2017: Conducted a performance assessment on compliance with the Waste management licence for the Decommissioning of the Various Slimes dams: Samancor Chrome Ltd: Ferrometals
- 2017: Conducted a performance assessment on compliance with the Waste management licence for the Slag dump: Samancor Chrome Ltd: Ferrometals
- 2017: Conducted a performance assessment on the EMPR for the tailings dam: Phoenix Platinum
- 2018: Conducted an audit and a performance assessment on the approved EIA/EMP: Matutu Clay mine (Pty) Ltd
- 2019: Conducted an audit and a performance assessment on the approved EIA/EMP: Bauba - Moeijelijk Chrome Mine: Bauba (sub-contracted by Red Kite)
- 2020: Assisted in the Performance assessment for Moeijelijk Chrome Mine: Bauba (sub-contracted by Red Kite)
- 2020: Conducted an audit and a performance assessment on the approved EIA/EMP: Bauba - Moeijelijk Chrome Mine: Bauba (sub-contracted by Red Kite)
- 2020: Conducted the performance assessment on the approved EIA/EMP for the Vlakpoort Chrome mine: Destiny Springs Investments 11 (Pty) Ltd (subsidiary of Illitha Mining)
- 2020: Conducted the performance assessment on the approved EIA/EMP for the Macarthy Manganese Mine: Salene Manganese

A number of Water Use Licence (WUL) audits have been conducted at the following mines as per the requirements of their WUL. These audits are conducted in terms of the approved WUL issued by the Department of Water Affairs in order to ensure that the requirements within the WUL as well as the National Water Act of 1998 are met.

- 2011: Conducted a GN704 audit on the existing activities at the mine: Andalusite Resources (Pty) Ltd
- 2011: Conducted a GN704 audit on the existing activities at the mine: Andalusite Resources (Pty) Ltd
- 2011: Conducted the External Water Use Licence audit for Apollo Brick: Apollo Brick

- 2012: Conducted a legal audit on the compliance with the WUL for Lannex Section: Samancor Chrome Ltd: Eastern Chrome Mines:
- 2012: Conducted an external audit on the licensee's compliance with the water use licence conditions for Lannex Section: Samancor Chrome Ltd: Eastern Chrome Mines:
- 2012: Conducted an external audit on the licensee's compliance with the water use licence conditions for Doornbosch/Steelpoort: Samancor Chrome Ltd: Eastern Chrome Mines:
- 2012: Conducted an external audit on the licensee's compliance with the water use licence conditions: IFMSA
- 2012: Conducted the External Water Use Licence audit for Apollo brick: Apollo Brick
- 2013: Conducted an external audit on the licensee's compliance with the water use licence conditions for Doornbosch/Steelpoort: Samancor Chrome Ltd: Eastern Chrome Mines:
- 2013: Conducted an external audit on the licensee's compliance with the water use licence conditions for Lannex Section: Samancor Chrome Ltd: Eastern Chrome Mines:
- 2013: Conducted an external audit on the licensee's compliance with the water use licence conditions: IFMSA
- 2013: Conducted an external audit on the Mining right holder's compliance with the EMPR: Sky Chrome Mining
- 2014: Conducted an external audit on the licensee's compliance with the water use licence conditions: IFMSA
- 2015: Conducted an external audit on the licensee's compliance with the water use licence conditions for Doornbosch/Steelpoort: Samancor Chrome Ltd: Eastern Chrome Mines:
- 2015: Conducted an external audit on the licensee's compliance with the water use licence conditions for Lannex Section: Samancor Chrome Ltd: Eastern Chrome Mines:
- 2015: Conducted an external audit on the licensee's compliance with the water use licence conditions: Phoenix Platinum
- 2015: Conducted an external audit on the licensee's compliance with the water use licence conditions: Apollo Brick (Pty) Ltd
- 2015: Conducted an external audit on the licensee's compliance with the water use licence conditions: Illitha Mining
- 2016: Conducted an external audit on the licensee's compliance with the water use licence conditions: Apollo Brick (Pty) Ltd
- 2016: Conducted an external audit on the licensee's compliance with the water use licence conditions: Phoenix Platinum
- 2016: Conducted the External Water Use Licence audit for Doornbosch/Steelpoort Section: Samancor Chrome Ltd: Eastern Chrome Mines
- 2016: Conducted the External Water Use Licence audit for Lannex Section: Samancor Chrome Ltd: Eastern Chrome Mines:
- 2016: Conducted the External Water Use Licence audit for Mecklenburg: Afarak
- 2016: Conducted the External Water Use Licence audit for Spitskop Section: Samancor Chrome Ltd: Eastern Chrome Mines:
- 2016: Conducted the External Water Use Licence audit for Tweefontein Section: Samancor Chrome Ltd: Eastern Chrome Mines:
- 2017: Conducted a Water use licence audit: Samancor Chrome Ltd: Ferrometals
- 2017: Conducted the External Water Use Licence audit for Doornbosch/Steelpoort Section: Samancor Chrome Ltd: Eastern Chrome Mines:
- 2017: Conducted the External Water Use Licence audit for Lannex Section: Samancor Chrome Ltd: Eastern Chrome Mines:
- 2017: Conducted the External Water Use Licence audit for Lwala Section: Samancor Chrome Ltd: Eastern Chrome Mines
- 2017: Conducted the External Water Use Licence audit for Spitskop Section: Samancor Chrome Ltd: Eastern Chrome Mines:
- 2017: Conducted the External Water Use Licence audit for Tweefontein Section: Samancor Chrome Ltd: Eastern Chrome Mines:
- 2017: Conducted a performance assessment on the EMPR for the tailings dam: Phoenix Platinum
- 2018: Conducted an external audit on the licensee's compliance with the water use licence conditions: Brakkefontein Clay Products (PTY Ltd trading as Apollo Brick (Pty) Ltd

- 2018: Conducted an external audit on the licensee's compliance with the water use licence conditions: Sefateng Chrome Mine (Pty) Ltd: Red Kite Environmental Solutions (Pty) Ltd
- 2018: Conducted an external audit on the licensee's compliance with the water use licence conditions: Chevron SA – Millies
- 2018: Conducted an external audit on the licensee's compliance with the water use licence conditions: Omnia Fertilisers – Rustenburg: EOH
- 2018: Conducted an external audit on the licensee's compliance with the water use licence conditions: Omnia Fertilisers – Sasolburg: EOH
- 2018: Conducted an external audit on the licensee's compliance with the water use licence conditions: Grasvally Chrome Mine: Sylvania
- 2018: External Water Use Licence audit for the Kingdom Development Company
- 2018: Internal audit on the WUL for Phoenix Platinum: Phoenix Platinum
- 2018: Water use licence audit for Moeijelijk Mine: Bauba
- 2019: Assisted in conducted an external audit on the licensee's compliance with the water use licence conditions: Omnia Fertilisers – Sasolburg
- 2019: Assisted in conducting the WUL audit for Apollo Brick: Apollo Brick
- 2019: Assisted in conducting the WUL audit for Phoenix Platinum: Phoenix Platinum
- 2019: Conducted an external audit on the licensee's compliance with the water use licence conditions: Bauba - Moeijelijk Chrome Mine: Bauba
- 2020: Conducted an external audit on the licensee's compliance with the water use licence conditions: Bauba - Moeijelijk Chrome Mine
- 2020: Conducted an external audit on the licensee's compliance with the water use licence conditions: Grasvally Chrome Mine
- 2020: Conducted the Water use licence compliance audit for Moeijelijk Chrome Mine: Bauba
- 2020: Conducted the water use licence compliance audit for Omnia Sasolburg: Inlexo Innovative solutions
- 2021: Conducted the Water use licence compliance audit for Moeijelijk Chrome Mine: Bauba

Other specialist reports:

- 2008: Water Balance: Determine the water requirements for the mine and detail the water balance as per the Department of Water Affairs requirements.: Ruighoek chrome mine
- 2009: Conducted the surface water assessment for the Twyfelaar Chrome Mine: MTC Minerals / CMR
- 2009: Water Balance: Drafted the water Balance for the Sefateng Chrome Mine.: MTC Minerals / CMR
- 2009: Water Balance: Drafted the water Balance for the Twyfelaar Chrome Mine.: MTC Minerals / CMR
- 2010: Conducted a surface water assessment at Imbabala Colliery: Altius 345 (Pty) Ltd
- 2010: Conducted a surface water assessment for the Klipfontein Colliery: Hoyohoyo Mining (Pty) Ltd
- 2010: Conducted the surface water assessment for the Fumani Mine: Corridor Mining Resources
- 2010: Conducted the surface water assessment for the Sefateng Chrome Mine: MTC Minerals / CMR
- 2010: Water and Salt Balance: Conducted a surface water assessment at Imbabala Colliery: Altius 345 (Pty) Ltd
- 2010: Water and Salt Balance: Drafted the Salt Balance for the Fumani Mine.: Corridor Mining Resources
- 2011: Surface water assessment: Conducted the surface water assessment for the proposed solar energy facility: ACED Renewables de Aar (Pty) Ltd
- 2011: Water and Salt Balance: Compiled the water and Salt Balance: Coastal Fuels (Pty) Ltd
- 2012: Surface water assessment: Compiled the surface water assessment and related impact prediction for the new mining activities: Samancor Eastern Chrome Mines
- 2012: Surface water assessment: Conducted a surface water assessment to determine impacts and current status: Polmaise Colliery Middelburg
- 2012: Surface water assessment: Conducted a surface water assessment and impact assessment for the proposed mine.: Samancor Eastern Chrome Mines
- 2012: Waste Management Plan: Compiled the waste management plan with classification for the new mining activities.: Samancor Eastern Chrome Mines
- 2012: Water and Salt Balance: Compiled the static water and salt balance for the proposed new mining activities: Samancor Eastern Chrome Mines

- 2012: Water and Salt Balance: Compiled the static water and salt balance for the existing operations.: Samancor Eastern Chrome Mines
- 2012: Water Balance: Compiled a water and salt balance as per the DWS requirements for the Colliery.: Polmaise Colliery Middelburg
- 2013: Surface water assessment: Conducted a surface water assessment and impact assessment for the proposed mine.: Samancor Eastern Chrome Mines
- 2013: Surface water assessment: Conducted the surface water impact and resource assessment for the proposed activities.: Chromex mining / Afarak / Ruuki
- 2013: Water Balance: Compiled a static water and salt balance as per the DWS requirements for the new mining activities.: Samancor Eastern Chrome Mines
- 2014: Surface water assessment: Compiled a surface water assessment of the rivers that could be impacted by the proposed expansion activities.: Vunene Mining
- 2014: Surface water assessment: Compiled a surface water assessment of the rivers that could be impacted by the proposed Iron Smelting Activities: Pan Palladium South Africa (Pty) Ltd
- 2014: Surface water assessment: Compiled a surface water assessment of the rivers that could be impacted by the proposed activities.: Pan Palladium South Africa (Pty) Ltd
- 2014: Surface water assessment: Conducted the surface water assessment for the Fumani Mine.: Corridor Mining Resources
- 2014: Surface water assessment: Short report on drainage channels at Mecklenburg: Chromex mining / Afarak / Ruuki
- 2014: Waste Delisting: Compiled documentation for the application to delist residue stockpiles: Andalusite Resources (Pty) Ltd
- 2014: Water Availability Opinion: Opinion on impacts of re-use of treated sewage effluent from Waterval WWTW if not released to surface water resource: Gudani Consulting
- 2014: Water Balance: Compilation of a static water balance report: Corridor Mining Resources
- 2014: Water Balance: Updated the 2013 IWWMP report and drafted a Water balance for the licensee.: IFMSA
- 2014: Water Balance: Updated the existing IWWMP and water use licence application, this included drafting water balances.: Samancor Western Chrome Mines
- 2014: Water Balance: Updated the existing IWWMP and water use licence application, this included drafting water balances.: Samancor Western Chrome Mines
- 2015: Surface water assessment: Assisted with the compilation of a surface water assessment of the rivers that could be impacted by the existing activities of Doornbosch/Steelpoort Section: Samancor Eastern Chrome Mines
- 2015: Surface water assessment: Compiled a surface water assessment of the rivers that could be impacted by the existing activities of Lannex Section: Samancor Eastern Chrome Mines
- 2015: Water Balance: Compiled the water balance report for the mine that was used as supporting information in the Water use licence application.: Pan Palladium South Africa (Pty) Ltd: PGE Project
- 2016: Waste Classification: Conducted a waste classification on waste generated by Joc Abrasives (sanding paper): Joc Abrasives
- 2016: Water Balance: Compiled the water balance report for the mine that was used as supporting information in the Water use licence application.: Pan Palladium South Africa (Pty) Ltd
- 2016: WCDMP: Compiled the WCDMP.
- 2017: Surface water assessment: Conducted a surface water impact assessment for the proposed Bauba operations (central, northern, southern and Waterkop clusters): Bauba (sub-contracted by Red Kite)
- 2017: Surface water assessment: Drafted the Surface water component for the Environmental Management Frameworks for the Vhembe District Municipality: Gudani Consulting
- 2017: Surface water assessment: Drafted the Surface water component for the Environmental Management Frameworks for the Capricorn District Municipality: Gudani Consulting
- 2017: Water Availability Opinion: Opinion on impacts of re-use of treated sewage effluent from Olifantsfontein WWTW if not released to surface water resource: Gudani Consulting
- 2017: Water Availability Opinion: Water Availability and impact of re-use of Treated Waste When not released into the water resource: Olifantsfontein and Waterval: Gudani Consulting
- 2017: Water Balance: Drafted the annual water balance for Moeijeljk Mine.: Bauba (sub-contracted by Red Kite)

- 2017: WCDMP: Annual update of the WCDMP for Phoenix Platinum
- 2017: WCDMP: Drafted the WCDMP for Samancor Buffelsfontein East Section
- 2018: Conducted the surface water and wetland assessment for the Zwartkopjies and Rietspruit Development (Edenpark) (Ekurhuleni Municipality): Gudani Consulting
- 2018: Surface water assessment: Compiled an aquatic assessment for the Northdene plot 3 development: Vaalplan Regional and Town planners (Wilgeblare Beleggings)
- 2018: Surface water assessment: Conducted a Surface water assessment for the proposed sand dredging in the Crocodile River: Gudani Consulting
- 2018: Surface water assessment: Conducted an Aquatic Assessment for the proposed sand winning activities in the Mokolo River: Gudani Consulting
- 2018: Surface water assessment: Conducted the Aquatic Assessment for the Small-Scale mining activities in the Klein Letaba River: Gudani Consulting
- 2018: Surface water assessment: Conducted the Desktop surface water assessment for the Tedstoneville development: Erf 853, Extension 1 (Ekurhuleni Municipality): Gudani Consulting
- 2018: Surface water assessment: Conducted the desktop surface water assessment for the Thaba Chueu mining right application: Gudani Consulting
- 2018: Surface water assessment: Conducted the desktop Surface water assessment for 7 Seas Capital Ventures (Granite mining) in the Western Cape: Gudani Consulting
- 2018: Surface water assessment: Conducted the desktop Surface water assessment for Highly Blue (Granite mining) in the North West: Gudani Consulting
- 2018: Surface water assessment: Desktop Surface water assessment for Palm Chrome on the farm Palmietfontein: Palm Chrome
- 2018: Waste Classification: Compiled the waste classification report: Glenover Phosphate
- 2018: Waste Classification: Conducted a waste classification on waste generated by Langpan Chrome mine: Langpan Chrome Mine
- 2018: Waste Classification: Conducted baseline waste classification for Mr Piet Greyling: Piet Greyling
- 2018: Waste Management ROD: Compiled the ROD application submitted to the DWS for the Waste management activities: Glenover Phosphate
- 2018: Water and Salt Balance: Conducted the water and Salt Balance report for Phoenix Platinum: Phoenix Platinum
- 2018: Water and Salt Balance: Drafted the wet season water and Salt balance for Moeijelijk Mine.: Bauba (sub-contracted by Red Kite)
- 2018: Water Balance: Compiled a static water balance for existing and proposed new activities: Umnotho we-Sizwe Resources (Sail group)
- 2018: Water Balance: Compiled the 2017 Water balance report for the Buffelsfontein East Section: Samancor Western Chrome Mines
- 2018: Water Balance: Compiled the static water balance for Venetia mine (2016/2017): Gudani Consulting
- 2018: Water Balance: Drafted the 2016/2017 water balance for Samancor Buffelsfontein East Section: Samancor Western Chrome Mines
- 2018: WCDMP: Annual update of the WCDMP for Phoenix Platinum
- 2018: WCDMP: Compiled the WCDMP for Buffelsfontein East
- 2018: WCDMP: Compiled the WCDMP for Venetia Mine
- 2019: Surface water assessment: Conducted a Surface water assessment for the proposed weir and pond: Gudani Consulting
- 2019: Surface water assessment: Conducted a Surface water assessment for the proposed cemetery: Gudani Consulting
- 2019: Surface water assessment: Conducted a Surface water assessment for the granite quarry: Gudani Consulting
- 2019: Surface water assessment: Conducted a Surface water assessment for the clay mine: Gudani Consulting
- 2019: Surface water assessment: Conducted a Surface water assessment for the proposed Lodge: Gudani Consulting

- 2019: Training: Compiled the presentation used for the Environmental training for Omnia Fertilisers Liquid and Blenders: Inlexo
- 2019: Waste Classification: Conducted a waste classification and risk assessment: Corobrik – various sites
- 2019: Waste Classification: Conducted a waste classification on waste generated by the Vlakpoort Chrome Mine: Afarak
- 2019: Waste Classification: Conducted a waste classification on waste generated by the Odendaalsrust operations: Corobrik
- 2019: Waste Classification: Conducted a waste classification on waste generated by the Driefontein operations: Corobrik
- 2019: Water and Salt Balance: Compiled the 2018-2019 water and salt balance report: Phoenix Platinum
- 2019: Water and Salt Balance: Compiled the 2018-2019 water and salt balance report: Red Kite
- 2019: Water Balance: Compiled the Annual Water balance for Moeijelijk Chrome Mine: Bauba (sub-contracted by Red Kite)
- 2019: Water Balance: Compiled the dry season and annual water balance for the mine: Red Kite
- 2019: Water Balance: Compiled the static water balance for Venetia mine (2017_2018): Gudani Consulting
- 2019: Water Balance: Determined the static water balance for the proposed Lefa Colliery: ElementumS
- 2019: WCDMP: Compiled the 20180-2019 WCDMP report
- 2020: Surface water assessment: Compiled a Surface water description report for the Janniek mine near Polokwane: Gudani Consulting
- 2020: Surface water assessment: Conducted a desktop surface water assessment for a proposed Limestone, Clay, Shale and Quartsite mine: Gudani Consulting
- 2020: Surface water assessment: Conducted a surface water assessment for the proposed new Sabie Landfill site: Sabie: Gudani Consulting
- 2020: Surface water assessment: Conducted a surface water assessment for the proposed filling and Depo station near Musina: Gudani Consulting
- 2020: Surface water assessment: Conducted a Surface water assessment for the proposed TSF and WRD expansion for Eastern Chrome Mines: Samancor Chrome Ltd
- 2020: Surface water assessment: Conducted a Surface water assessment for Mofenyi Mining (Pty) Ltd Vermiculite mine: Gudani Consulting
- 2020: Surface water assessment: Conducted a surface water assessment report for the Lannex Section expansion: Samancor Chrome Ltd
- 2020: Surface water assessment: Conducted a surface water assessment for the proposed TSF expansion at Mooinooi section: Samancor Chrome Ltd
- 2020: Surface water assessment: Conducted a surface water assessment for the proposed Macarhy Mine EMPr amendment project: Salene Manganese
- 2020: Waste Classification: Conducted a basic Waste classification for the Mooinooi Tailings: Sylvania
- 2020: Waste Management Plan: Compiled a Waste Management for the University of Mpumalanga, Mbombela campus.: Afroteq
- 2020: Water Balance: Compiled the wet and dry water balance for AEMFC - Vlakfontein Mine: AEMFC
- 2021: Various Desktop surface water assessments compiled:
 - Vaalwater cemetery (Gudani Consulting)
 - Salene Manganese Zeerust / Groot Marico and Mankwe Prospecting application
 - Sable Granite (Gadani Consulting)

ISO14001: 2015 Audits

Audit Outline	Organisation	Address	Contact person	Contact details	Type	Date	On site (day)	Off Site (day)	Role (L / A)
ISO14001: 2015 2nd Party Audit log for Canon Sa	Arengo Plastics (Pty) Ltd	72 Regency Drive, Route 21 Corporate Park, Irene, 0157, South Africa	Riekie van den Bergh	+27 87 405 1818	Audit	07-Aug-18	2	1	Auditor
ISO14001: 2015 2nd Party Audit log for Canon Sa	Clearline Protection Systems	72 Regency Drive, Route 21 Corporate Park, Irene, 0157, South Africa	Riekie van den Bergh	+27 87 405 1818	Audit	13-Aug-18	2	0,5	Auditor
ISO14001: 2015 2nd Party Audit log for Canon Sa	Microtonix	72 Regency Drive, Route 21 Corporate Park, Irene, 0157, South Africa	Riekie van den Bergh	+27 87 405 1818	Audit	04-Oct-18	2	0,5	Auditor
Conducted a second party audit at Netcare Occupational Health and Travel Clinic in Boksburg.	Inlexo Innovative solutions	PO Box 76391, Lynnwoodridge, 0040	Riekie van den Bergh	+27 82 552 3659	Audit	25-Sep-19	1	0,5	Auditor
Conducted a second party audit at the Medicross Medical clinic in Benoni	Inlexo Innovative solutions	PO Box 76391, Lynnwoodridge, 0040	Riekie van den Bergh	+27 82 552 3659	Audit	30-Sep-19	1	0,5	Auditor
Conducted a second party audit at the Medicross Medical clinic in Silverton (Pretoria)	Inlexo Innovative solutions	PO Box 76391, Lynnwoodridge, 0040	Riekie van den Bergh	+27 82 552 3659	Audit	02-Oct-19	1	0,5	Auditor
Conducted a gap audit at Reinhardt transport an ISO14001: 2015 certified company	Reinhardt Transport Group	29 Station Avenue, Pretoriusstad, Nigel, Gauteng	Johan Theron	+27 82 884 9402	Audit	11-Oct-19	1	0,5	Auditor
Conducted a second party audit at the Medicross Medical clinic in Randburg	Inlexo Innovative solutions	PO Box 76391, Lynnwoodridge, 0040	Riekie van den Bergh	+27 82 552 3659	Audit	22-Oct-19	1	0,5	Auditor
Conducted a second party audit at the Medicross Medical	Inlexo Innovative solutions	PO Box 76391, Lynnwoodridge, 0040	Riekie van den Bergh	+27 82 552 3659	Audit	13-Nov-19	1	0,5	Auditor

Audit Outline	Organisation	Address	Contact person	Contact details	Type	Date	On site (day)	Off Site (day)	Role (L / A)
clinic in Kembirch (Ekurhuleni)									
Conducted a second party audit at the Medicross Medical clinic in Rustenburg	Inlexo Innovative solutions	PO Box 76391, Lynnwoodridge, 0040	Riekie van den Bergh	+27 82 552 3659	Audit	28-Nov-19	1	0,5	Auditor
Conducted a second party audit at Netcare Occupational Health and Travel Clinic in Boksburg.	Inlexo Innovative solutions	PO Box 76391, Lynnwoodridge, 0040	Riekie van den Bergh	+27 82 552 3659	Audit	06-Dec-19	1	0,5	Auditor
Conducted a second party audit at Omnia Fertilisers - Sasolburg - Railway	Inlexo Innovative solutions	PO Box 76391, Lynnwoodridge, 0040	Riekie van den Bergh	+27 82 552 3659	Audit	20-Feb-20	1	0,5	Auditor
Conducted a second party audit at Omnia Fertilisers - Dryden	Inlexo Innovative solutions	PO Box 76391, Lynnwoodridge, 0040	Riekie van den Bergh	+27 82 552 3659	Audit	23-Feb-20	2	0,5	Auditor
Conducted a second party audit at Omnia Fertilisers - Sasolburg - Mechanical North	Inlexo Innovative solutions	PO Box 76391, Lynnwoodridge, 0040	Riekie van den Bergh	+27 82 552 3659	Audit	03-Mar-20	1	0,5	Auditor
Conducted a Stage 1 Audit at Masmagnet	PECB		Riekie van den Bergh	+27 82 552 3659	Audit	19-Apr-21	1	1	Auditor
Conducted a Stage 2 Audit at Masmagnet	PECB		Riekie van den Bergh	+27 82 552 3659	Audit	21-Apr-21	2	1	Auditor
Conducted a Stage 1 Audit for FullServe	Prescali		Elaine van der Linde	+27 12 543 3808	Audit	12-Oct-21	0	1	Auditor