



Eloise is an Associate Environmental Consultant and has worked as an environmental assessment practitioner since 2005, being involved in a number of projects covering a range of environmental disciplines, including Basic Assessments, Environmental Impact Assessments, Environmental Management Programmes, Maintenance Management Plans, Environmental Control Officer services and Public Consultation and Facilitation. In her 17 years as a consultant, she has gained experience in projects relating to oil and gas exploration, road infrastructure, ports, renewable energy and housing and industrial developments. The majority of her work has been based in South Africa, but she also has experience working in Namibia and Mauritius. In addition, she has also undertaken a number of terrestrial fauna assessments as part of EIA specialist teams.

## Education

- MSc (Ecological Assessment) Stellenbosch University (2005)
- BSc (Hons -Zoology), Stellenbosch University (2002)
- BSc (Biodiversity and Ecology, Botany, Zoology), Stellenbosch University (2001)

## Project Experience

### Environmental and Social Due Diligence

#### **ESDD for a number of solar energy facilities in South Africa: Client confidential (2019)**

Environmental and Social Due Diligence for a number of solar energy facilities within South Africa. Eloise was responsible for document review / auditing and report writing.

### Renewables and Green Hydrogen

#### **Proposed Green Hydrogen Project, Eastern Cape: Hive Hydrogen SA (2021- present)**

Scoping and ESIA process for a proposed green hydrogen project in the Eastern Cape, South Africa. The project includes a 600MW solar plant, battery energy storage, overhead transmission lines, water supply infrastructure, hydrogen and ammonia plants and related export infrastructure. Eloise is the project manager responsible for report writing, management of specialists, client liaison and public participation.

#### **Legal Review for Green Hydrogen Projects in South Africa: Confidential Client (2021)**

Legal review and compilation of Legal Screening Report for Green Hydrogen Projects in South Africa. Eloise was the project consultant responsible for the legal review and report compilation.

#### **Skeyfontein Photovoltaic Power Plant, Northern Cape, South Africa: Solarhybrid AG, Germany (2011-2012)**

Scoping and EIA process for the proposed development of the Skeyfontein Photovoltaic Power Plant and related infrastructure near Postmasburg in the Northern Cape, South Africa. The project was halted after completion of the Scoping phase and baseline specialist studies. Eloise was the project consultant, assisted with report writing and facilitated the public participation process.

#### **De Aar Photovoltaic Power Plant, Northern Cape, South Africa: Business Venture Investments 1421 (Pty) Ltd (2011-2012)**

Scoping and EIA process for the proposed development of the De Aar Solar One Photovoltaic Power Project near De Aar in the Northern Cape, South Africa. Eloise was the project consultant, assisted with report writing and facilitated the public participation process..

#### **Proposed wave energy project off the Western Cape coast: Finavera Renewables Ltd. (2007)**

Environmental input for the compilation of a Site Pre-Selection Report for the establishment of a wave energy project off the Western Cape coast of South Africa. Eloise served as the project consultant, compiled the report and facilitated negotiations with authorities.

## Oil and Gas

### **3D Seismic Survey of the Southeast Coast, South Africa: CGG Services SAS (2022-2023)**

Basic Assessment for a 3D seismic survey in the Algoa Basin off the Southeast Coast of South Africa. Eloise was responsible for report-writing, public participation and specialist report review.

### **Well drilling in Block 2912, Southern Namibia: TotalEnergies EP Namibia BV (2022-2023)**

EIA for drilling up to 10 exploration and appraisal wells in Block 2912 off the coast of Southern Namibia. Eloise's role included managing the EIA process and public participation process, specialist report review and EIA report writing.

### **3D Seismic Survey in Blocks 2912 and 2913B, Southern Namibia: TotalEnergies EP Namibia BV (2023)**

EMP Compliance Audit process for a 3D seismic survey in a portion of Blocks 2912 and 2913B off the coast of Southern Namibia. Eloise was responsible for auditing compliance with the EMP specifications and report compilation.

### **Well drilling in PEL0039, Southern Namibia: Shell Upstream Namibia BV (2022-2023)**

Amendment and Renewal of Environmental Clearance Certificate to undertake further exploration and appraisal well drilling in PEL0039 off the coast of Southern Namibia. Eloise's role included managing the ECC Amendment and Renewal process, specialist report review and report writing, including updating of the EMP.

### **2D Seismic Survey off the West Coast, South Africa: Spectrum Geo Ltd (2021)**

EMP process for a Reconnaissance Permit Application to acquire 2D seismic data in a large area of the Orange Basin off the West Coast of South Africa. Eloise is the project manager and compiled the EMP report, undertook the required public participation process and managed the appointed specialists.

### **3D Seismic Survey in Block 5/6/7 off the South-west Coast of South Africa: TotalEnergies EP South Africa (Pty) Ltd (2019-2020)**

EMP compliance process for a 4-month 3D seismic survey in Block 5/6/7 off the South-west Coast of South Africa. Eloise was responsible for the authority and public notification process and other compliance activities of the EMP, including environmental awareness training for vessel crew, review of daily reports and compilation of the survey Close-out Report at the end of the survey.

### **2D Seismic Survey off the South-West and South Coast, South Africa: Spectrum Geo Ltd (2018)**

EMP process for a Reconnaissance Permit Application to acquire 2D seismic data in a large area off the South-West and South coast of South Africa. Eloise was the project manager and compiled the EMP report, undertook the required public participation process and managed the appointed specialists.

### **Proposed 2D Speculative Seismic Survey off the East and Southwest Coast, South Africa: Spectrum Geo Ltd (2016)**

EMP process for a Reconnaissance Permit Application to acquire 2D seismic data within a large offshore area off the South and Southwest coast of South Africa. Eloise was the project manager and compiled the EMP report, undertook the required public participation process and managed the appointed specialists.

### **2D Seismic Surveys in the Orange Basin, South Africa: Spectrum ASA (2013-2015)**

EMP process for a Reconnaissance Permit Application to undertake a 2D speculative seismic survey in the Orange Basin off the Northwest coast of South Africa. EMP compliance monitoring services were also provided during the survey operations and a Close-out Report produced. Eloise served as the project consultant, compiled the EMP, undertook the required public participation process, managed the appointed specialists, liaised with the appointed Marine Mammal Observer (MMO) and compiled the Close-out Report.

### **2D Seismic Survey in the Orange Basin, Namibia: Spectrum ASA (2013-2015)**

EIA process for a 2D speculative seismic survey in the Orange Basin off the Southwest coast of Namibia. EIA and EMP compliance monitoring services were also provided during the survey operations and a Close-out Report produced. Eloise served as the project consultant, compiled the

EIA Report and EMP, undertook the required public participation process, managed the appointed specialists, liaised with the appointed MMO and compiled the Close-out Report.

**Proposed seismic survey off the South Coast of South Africa: Petroleum Geo-Services ASA (2014)**

EMP process as part of a Reconnaissance Permit application for undertaking a speculative seismic survey of the South Coast of South Africa. Eloise was the project consultant and compiled the EMP report, undertook the required public participation process and managed the appointed specialists.

**Proposed exploration programme in the Northern Cape Ultra-deep Licence Area, Orange Basin, South Africa: OK Energy Ltd (2014)**

EMP process as part of an Exploration Right application for undertaking an exploration programme (i.e. seismic survey, tensor gravity and magnetics, bathymetry survey, seabed sampling) in the Northern Cape Ultra-deep Licence Area in the Orange Basin off the Northwest Coast of South Africa. Eloise was the project consultant, compiled the EMP, undertook the required public participation process and managed the appointed specialists.

**2D Seismic survey in the Durban Basin, East Coast, South Africa: CGG Services SA (2013)**

EMP process as part of a Reconnaissance Permit application for undertaking a speculative 2D seismic survey in the Durban Basin off the East Coast of South Africa. Eloise served as the project consultant, compiled the EMP report, undertook the required public participation process and managed the appointed specialists.

**Proposed exploration activities to the South of Burgersfort, Limpopo, South Africa: Alumni Trading 234 (Pty) Ltd (2013-2017)**

EMP process as part of an Exploration Right application for undertaking soil sampling and exploration well drilling for hydrocarbons in an area to the south of Burgersfort in the Limpopo province of South Africa. Eloise served as the project manager and produced the EMP, undertook the required public participation process and produced the Closure Application documentation at the end of the Exploration Right validity period.

**2D Seismic survey in the Lüderitz Basin, Namibia: GeoPartners Ltd (2012)**

EIA process for a speculative 2D seismic survey in the Lüderitz Basin off the Southwest coast of Namibia. Eloise served as the project consultant, compiled the EIA Reports, undertook the required public participation process and managed the appointed specialists.

**Exploration Programme in the Outeniqua South Area, South Coast, South Africa: Total E and P South Africa (Pty) Ltd (2012)**

EMP process as part of an Exploration Right application for undertaking an exploration programme (2D seismic survey, sonar bathymetry, drop core sampling) in the Outeniqua South Area off the South Coast of South Africa. Eloise served as the project consultant, compiled the EMP, undertook the required public participation process and managed the appointed specialists.

**2D Seismic survey off the East Coast of South Africa: CGGVeritas (2012)**

EMP process as part of a Reconnaissance Permit application for undertaking a 2D speculative seismic survey off the East Coast of South Africa. Eloise served as the project consultant, compiled the EMP, undertook the required public participation process and managed the appointed specialists.

**2D and 3D Seismic survey programme in Block 2914B, Namibia: Signet Petroleum Ltd (2011)**

EIA process for a 2D and 3D seismic survey programme in Block 2914B off the coast of Namibia. Eloise served as project consultant, compiled the EIA Report, undertook the required public participation process and managed the appointed specialists.

**Seismic survey off the coast of Namibia: Chariot Oil & Gas (2011)**

EIA process for a seismic survey off the coast of Namibia. EIA and EMP compliance monitoring services were also provided during the survey operations and a Close-out Report produced. Eloise served as the project consultant, compiled the EIA Report and EMP, undertook the required public participation process, managed the appointed specialists, liaised with the appointed MMO and compiled the Close-out Report.

## **Ibhubesi Power Plant Project, Northern Cape, South Africa: Forest Exploration International SA (2006-2008 & 2011)**

Scoping and EIA process for the development of the Ibhubesi Power Plant Project in the Northern Cape (offshore and onshore components) province of South Africa. Eloise assisted with report writing and served as public participation facilitator.

## **Exploration boreholes in Lydenburg, Mpumalanga, South Africa: Riverwalk Trading 154 (Pty) Ltd (2011)**

EMP Addendum process for the drilling of two exploration boreholes on Farm 30 Potloodspruit, Plot 106 to the north of Lydenburg in the Mpumalanga province of South Africa. Eloise served as the project consultant, compiled the EMP Addendum and undertook the required public participation process.

## **Saldanha Oil and Gas Fabrication Yard, Port of Saldanha, Western Cape, South Africa: Grinaker LTA (2011)**

Operational Phase EMP and legislative compliance review for an oil and gas fabrication yard in the Port of Saldanha. Eloise was the project consultant and compiled the EMP.

## **3D Seismic survey in Block 2B, West Coast, South Africa: QVD (South Africa) Ltd (2008-2009)**

EIA for exploration activities in offshore Licence Blocks 3617 and 3717 off the South-West Coast of South Africa. Exploration activities included multi-beam bathymetry and 2D/3D seismic surveys. Jeremy was the project manager and responsible for the public participation process, specialist report review and report writing.

## **2D and 3D Seismic surveys in three areas off the coast of Namibia: Enigma Oil and Gas Company (2008-2009)**

EIA process for a proposed 2D and 3D seismic surveys in three areas off the coast of Namibia. Eloise served as project consultant, produced the EIA Report, undertook the required public participation process and managed the appointed specialists.

## **Prospect geochemical surveying in Mpumalanga, South Africa: Alumni Trading 234 (Pty) Ltd (2008)**

EMP process for conducting prospect geochemical surveying in the Waterval-Boven, Machadodorp area in the Mpumalanga province, South Africa. Eloise served as the project manager, reviewed the EMP and undertook the required public participation process.

## **Oil and Gas Service Hub in the Port of Cape Town and Fabrication Yard for Oil and Gas Structures in the Port of Saldanha: Ferromarine Africa (2006)**

Construction and Operational EMPs for two Ferromarine facilities for the servicing and fabrication of oil and gas structures, i.e. an oil and gas service hub at A Berth in the Port of Cape Town and an oil and gas structures fabrication yard in the Port of Saldanha. Eloise served as the project consultant and compiled the EMPs.

## **Geochemical surveying for oil in an area north of Lydenburg, Mpumalanga, South Africa: Riverwalk Trading cc (2005-2006)**

EMP process as part of an Exploration Right application for geochemical surveying in an area to the north of Lydenburg in the Mpumalanga province of South Africa. Eloise served as the project consultant, compiled the EMP and undertook the required public participation process.

## **Roads and Related Infrastructure**

### **Upgrading of TR28 Section 1 between Vermont and Hermanus, Western Cape, South Africa: EFG Engineers for WCG: Dept. of Infrastructure (2019-2023)**

Basic Assessment for the upgrading of Trunk Road 28 Section 1 (R43) between Vermont and Hermanus. Eloise was the project manager responsible for project review, report-writing and client interaction.

### **Upgrading of the N1 Section 4 in the Matjiesfontein area, Western Cape, South Africa: Zutari for South African National Roads Agency (SOC) Limited (SANRAL) (2019-2022)**

Basic Assessments for the upgrading of the N1 Section 4 between Monument River and Doornfontein as well as the development of eight borrow pits and a quarry for the sourcing of road-building material.

Eloise was the project manager, compiled the reports, reviewed the specialist reports and undertook the required public participation process.

**New access roads to the Saldanha Bay IDZ, Western Cape, South Africa: SMEC SA for Freeport Saldanha (2016-2017)**

Basic Assessment for the construction of two new access roads linked to the back of port area of the Saldanha Bay IDZ. Eloise was the project manager and reviewed reports.

**Replacement of the Westlake Culvert, Lakeside, Cape Town, Western Cape, South Africa: GIBB for City of Cape Town (2016-2017)**

Maintenance Management Plan (MMP) for the proposed replacement of the Westlake Culvert in the Lakeside area of Cape Town. SLR also provided the Environmental Control Officer (ECO) services for the duration of the construction period. Eloise was the project manager and provided review services for the MMP and ECO reports.

**Emergency fill slope repairs along Akkedisberg Pass, Overstrand Municipal Area, Western Cape, South Africa: AECOM SA for WCG: Dept. of Infrastructure (2015-2016)**

MMP for the emergency fill slope repairs at two storm damaged sites along the Akkedisberg Pass between Caledon and Stanford in the Overstrand Municipal area. Eloise was the project consultant, compiled the MMP, undertook the required public participation process and managed the appointed specialist.

**Upgrading of TR31/2 between Ashton and Montagu, Cogmanskloof Pass, Western Cape, South Africa: AECOM SA for WCG: Dept. of Infrastructure (2015-2023)**

ECO services for the construction phase for the upgrading of Trunk Road 31 Section 2, Cogmanskloof Pass, between Ashton and Montagu, including the main roads through the two towns and Ashton arch bridge. Eloise served as the ECO for the duration of the construction period and produced monthly ECO audit reports.

**Development of 11 strategic borrowpits in the Bitterfontein-Nuwerus area, Northern Cape, South Africa: Aurecon for WCG: Dept. of Infrastructure (2014-2017)**

Basic Assessment and planning application process for the development of 11 strategic borrowpits in the Bitterfontein-Nuwerus area along the West Coast of South Africa. Eloise was the project manager, compiled the reports, reviewed the planning application documentation and undertook the required public participation process.

**Upgrading of TR85/1 between the R27 and Jacobsbaai Intersection, Saldanha Bay Municipal area, Western Cape, South Africa: AECOM SA for WCG: Dept. of Infrastructure (2013-2015)**

Basic Assessment for the upgrading of Trunk Road 85 Section 1 between the R27 and the Jacobsbaai Intersection to a designated freight route, including new grade-separated interchanges, in the Saldanha Bay Municipal area. Eloise was the project consultant, compiled the reports, undertook the required public participation process and managed the appointed specialists.

**Regravelling of sections of Divisional Roads in the Graafwater area, Western Cape, South Africa: UWP Consulting for WCG: Dept. of Infrastructure Transport and Public Works (2013-2015)**

ECO services for the duration of the 2-year construction period for the regravelling of divisional roads in the Graafwater area, Western Cape, South Africa, including the development of five borrowpits. Eloise served as the ECO and produced monthly ECO audit reports.

**Changes to secondary roads affected by the raising of the Clanwilliam Dam wall, Western Cape, South Africa: GIBB for WCG: Dept. of Infrastructure (2013-2018)**

Environmental input and facilitation of the public participation process for the proposed changes to the proclaimed secondary road network to be affected by the raising of the Clanwilliam Dam wall. Eloise served as the project manager, produced the required environmental reports, facilitated the public participation process and managed the appointed specialists.

## **Road Decongestion Programme, Mauritius: SPP Project Solutions for Mauritius Road Development Authority (2012-2014)**

Environmental and Social Impact Assessment process for the proposed road decongestion programme in and around Port Louis, Mauritius. Eloise served as a project consultant and assisted with project deliverables and report writing.

## **Rehabilitation of the N1/8 between Nelspoort and Three Sisters, Western Cape, South Africa: ERO Engineers for SANRAL (2012-2014)**

ECO services for the duration of the 2-year construction period for the rehabilitation of Section 8 of National Route 1 between Nelspoort and Three Sisters in the Western Cape, South Africa. Eloise served as the ECO, produced monthly ECO audit reports, a final project audit report and a borrowpit closure application.

## **New road link between the R27 and R45, including intersections improvements, Saldanha Municipal Area, Western Cape, South Africa: AECOM SA for WCG: Dept. of Infrastructure (2012-2015)**

Scoping and EIA process for a new road link between the R27 and R45, including intersection improvements, to serve as a future designated freight route in the Saldanha Municipal area. Eloise was the project consultant, compiled the reports, facilitated the public participation process and managed the appointed specialists.

## **New Provincial Weighbridge near Gouda, Drakenstein Municipal Area, Western Cape, South Africa: Aurecon for WCG: Dept. of Infrastructure (2012-2015)**

Basic Assessment for the development of a new provincial weighbridge near Gouda in the Drakenstein Municipal area, Western Cape, South Africa. Eloise was the project consultant, compiled the reports, undertook the required public participation process and managed the appointed specialists.

## **Replacement of a failed crossing structure at Verlorenvlei, Elands Bay, Western Cape, South Africa: Jeffares & Green for WCG: Dept. of Infrastructure (2011-2013)**

Basic Assessment for the replacement of the failed bridge/culvert structure at the MR531 crossing of the Verlorenvlei at Elands Bay in the Western Cape, South Africa. Eloise was the project consultant, compiled the reports, undertook the required public participation process and managed the appointed specialists.

## **New community access roads at Thombo, Eastern Cape, South Africa: Goba Consulting for SANRAL (2011-2012)**

Basic Assessment for the construction of new community access roads and consolidation of intersections at Thombo in the Eastern Cape, South Africa. Eloise served as project consultant and assisted with report writing.

## **Borrowpit Screening Process and EMP for two borrow pits for the upgrading of TR23/3 between Gouda and Porterville, Western Cape, South Africa: BKS for WCG: Dept. of Infrastructure (2011-2013)**

Borrowpit screening process and EMP for a borrowpit to source material for the upgrading of Section 3 of Trunk Road 23 between Gouda and Porterville. Eloise was the project consultant, compiled the reports, undertook the required public participation process and managed the appointed specialists.

## **Upgrading of TR31/2 between Ashton and Montagu, Western Cape, South Africa: BKS for WCG: Dept. of Infrastructure (2010-2013)**

Basic Assessment for the upgrading of Section 2 of Trunk Road 31, Cogmanskloof Pass, between Ashton and Montagu, Western Cape, South Africa and EA Amendment process for the addition of the Ashton Arch bridge. Eloise was the project consultant, compiled the reports, undertook the required public participation process and borrowpit screening process, and managed the appointed specialists.

## **Extension of the Baviaans Krants Quarry, Laingsburg, Western Cape, South Africa. Gibb for SANRAL (2010-2013)**

EMP for the extension of the Baviaans Krants Quarry outside of Laingsburg for the sourcing of material for the rehabilitation of a section of the N1 to the north of Laingsburg and ECO services. Eloise was the project consultant, compiled the EMP, undertook the required public participation process, managed the appointed specialists and served as the ECO for the duration of the construction period.

**Development of a borrow area on Remainder of Farm 223 (Grootvlei), Tulbagh: BKS for WCG: Dept. of Infrastructure (2010-2011)**

EMP for the development of a borrow area on Remainder of Farm 223 (Grootvlei), Tulbagh, for the sourcing of road-building material. Eloise was the project consultant, compiled the EMP, undertook the required public participation process and managed the appointed specialists.

**Rehabilitation of N9/7 from Wolwefontein to Colesberg including a new N1/N9 access interchange at Colesberg and eight borrowpits, Western Cape, South Africa: UWP Consulting for SANRAL (2008-2011)**

Basic Assessment for the rehabilitation of Section 7 of National Route 9 between Wolwefontein and Colesberg, including a new grade separated N1/N9 access interchange at Colesberg, Northern Cape. The project also included an EMP for the extension of eight existing borrowpits in the area. Eloise was the project consultant, compiled the reports, undertook the required public participation process and managed the appointed specialists.

**Upgrading of the M5 between the M5 Viaduct and Black River Parkway Interchange, Cape Town, South Africa: BKS for WCG: Dept. of Infrastructure (2007-2013)**

Basic Assessment for the upgrading of the M5 between the M5 Viaduct and Black River Parkway Interchange, Cape Town and ECO services. Eloise was the project consultant, compiled the reports, undertook the required public participation process, managed the appointed specialists and served as ECO for the duration of the two-phased construction period between 2009 and 2013.

**Upgrading of MR531 and regravelling of MR534 in the Redelinghuys area, Western Cape, South Africa: Jeffares & Green for WCG: Dept. of Infrastructure (2006-2009)**

Basic Assessment for the upgrading of Main Road 531 between Piketberg and Elands Bay and the regravelling of MR534 between Redelinghuys and Aurora in the Western Cape, South Africa. Eloise was the project consultant, compiled the reports, undertook the required public participation process and managed the appointed specialists.

**Repair work of the main breakwater pier in the Yzerfontein Harbour, Western Cape, South Africa: Department of Public Works (2005-2006)**

EIA compliance process for the repair of the damaged main breakwater pier in the Yzerfontein Harbour. Eloise was the project consultant, compiled the EIA Scoping Checklist and undertook the required public participation process.

## Landfill Sites and Wastewater Treatment Works

**Community waste drop-off facility at the Swartklip Refuse Transfer Station, Mitchell's Plain, Cape Town, South Africa: City of Cape Town (2012-2014)**

Basic Assessment as part of a Waste Licence Application for a new community waste drop-off facility at the Swartklip Refuse Transfer Station in Mitchell's Plain, Cape Town. Eloise was the project consultant, compiled the reports, undertook the required public participation process and managed the appointed specialists.

**Community waste drop-off facility at the former Faure Landfill Site, Cape Town, South Africa: City of Cape Town (2012-2014)**

Basic Assessment as part of a Waste Licence Application for a new community waste drop-off facility at the former Faure Landfill Site, Cape Town. Eloise was the project consultant, compiled the reports, undertook the required public participation process and managed the appointed specialists.

**Upgrading of wastewater treatment infrastructure in the Blaauwberg Area, Cape Town, South Africa: City of Cape Town (2007-2008)**

Scoping and EIA process for the upgrading of wastewater treatment infrastructure, including plant and pipelines, in the Blaauwberg area, Cape Town. Eloise was the project consultant and assisted with report writing.

## Water and Sewage Pipelines

### **Refurbishment of the Rûensveld-East Rising Main, Swellendam, Western Cape, South Africa: Jeffares & Green for Overberg Water (2010-2011)**

Basic Assessment for the refurbishment of the Rûensveld-East Rising Main in the Swellendam area. Eloise was the project consultant, compiled the reports, undertook the required public participation process and managed the appointed specialists.

## Rivers, Dams and Wetlands

### **Construction of the Berg Water Project, Western Cape, South Africa: Trans-Caledon Tunnel Authority (TCTA) (2005-2008)**

ECO services for the duration of the four-year construction period of the Berg Water Project. Eloise served as assistant ECO and produced the monthly ECO audit reports.

## Housing/Property Developments

### **Lodge Developments as part of the Whale Trail II, De Hoop Nature Reserve, Western Cape, South Africa: CapeNature (2017-2019)**

Basic Assessment process for the development of lodges along the Whale Trail II in the eastern precinct of the De Hoop Nature Reserve, Western Cape, South Africa. The project was halted after completion of the Draft Basic Assessment Report due to Covid19-related pressures on the tourism industry. Eloise was the project manager, compiled reports, undertook the required public participation process and managed appointed specialists.

### **Residential development of Ongegund Phase 2 on Farms 1177 and 618, Riebeek Valley, Western Cape, South Africa: Ongegund Trust (2010-2015)**

Scoping and EIA process for the development of the Ongegund Phase 2 residential estate on Farms 1177 and 618 at Ongegund in the Riebeek Valley. The project was halted after completion of the Scoping phase and specialist studies. Eloise was the project consultant, compiled the reports, undertook the required public participation process and managed the appointed specialists.

### **Proposed development of the Melkbosstrand CBD, Western Cape, South Africa: Municipal Planning Solutions for City of Cape Town (2009-2010)**

Environmental scan and Screening Report for the proposed development of the Melkbosstrand Central Business District area. Eloise was the project consultant, compiled the Screening Report and managed the appointed specialists.

### **Relocation of the Old Oak Bowling Club to Erf 48-2225, Bellville, Western Cape, South Africa: Mini-Cape Developments (2005-2007)**

EIA compliance process for the relocation of the Old Oak Bowling Club to Erf 48-2225 along Old Oak Road in Bellville. Eloise was the project consultant, compiled the EIA Scoping Checklist and undertook the required public participation process.

### **Proposed Woodgreen Housing Development, Mitchell's Plain, Cape Town, South Africa: Nationwide Mortgage Centre (2005-2006)**

Environmental compliance services for the development of the proposed Woodgreen Housing Development in Mitchell's Plain, Cape Town. Eloise was the project consultant, compiled the reports, undertook the required public participation process and managed the appointed specialists.

## General Industry

### **Green Ship Recycling Facility at the Saldanha Bay IDZ, Western Cape, South Africa: 34South Engineering (2020-2021)**

Legislation review and completion of Applicability Checklist for the development of a green ship recycling facility within the declared Saldanha Bay IDZ area, Saldanha Bay. Eloise was the project manager, compiled the documentation and liaised with relevant authorities.



## **Used lubricant oil recycling facility at the Saldanha Bay IDZ, Western Cape, South Africa: Freeport Saldanha (2018-2020)**

Scoping and EIA process as part of a Waste Management Licence Application process for a proposed Used Lubricant Oil Recycling Facility at the Saldanha Bay IDZ. Eloise was the project manager, compiled the reports, undertook the public participation process and managed the appointed specialists.

## **Storage of hazardous substances at the Saldanha Bay IDZ, Western Cape, South Africa: Freeport Saldanha (2018-2019)**

Scoping and EIA process for the proposed storage of hazardous substances at the Saldanha Bay IDZ. Eloise was the project manager, compiled the reports, undertook the public participation process and managed the appointed specialists.

## **Screening Study for Rig Repair Facilities, Port of Saldanha, Western Cape, South Africa: Transnet National Ports Authority (SOC) Ltd (TNPA) (2016)**

Screening Study for proposed rig repair facilities linked to Project Phakisa in the Port of Saldanha. The project included assessment of marine impacts related to the construction of a new rig repair berth and a 500 m jetty and dry dock within the Port. Eloise was the project manager, compiled the screening report, undertook the public participation process and managed the appointed marine specialists.

## **Atmospheric Emissions Licence Application Process for Storage and Handling of Ore, Saldanha Bay, Western Cape, South Africa: Pindulo VDM (2018)**

Atmospheric Emissions Licence application process for the storage and handling of ore at Pindulo VDM's Saldanha Bay truck depot and storage facility. Eloise was the project manager, completed the AEL application document, undertook the required public participation process and managed the appointed air quality specialist.

## **Tsumeb Smelter Upgrade and Optimisation Project, Tsumeb, Namibia: Dundee Precious Metals Tsumeb (2016-2020)**

Environmental and Social Impact Assessment Amendment process for the proposed Tsumeb Copper Smelter Upgrade and Optimisation Project in Tsumeb, Northern Namibia. Eloise was the project manager, compiled reports, undertook the required public participation process and managed appointed specialists.

## **Oil and gas offshore service complex at the Saldanha Bay IDZ, Western Cape, South Africa: Freeport Saldanha (2013-2015)**

Scoping and EIA process for the establishment of an Oil and Gas Offshore Service Complex at the Saldanha Bay IDZ within the Port of Saldanha. Eloise was the project manager, compiled the reports, undertook the required public participation process and managed the appointed specialists.

## **Steep Water Treatment Plant at SAB's Maltings Plant in Caledon, Western Cape, South Africa: SAB Maltings (2009-2013)**

Scoping and EIA process as part of a Waster Licence Application process for the establishment of a Steep water Treatment Plant at SAB's Maltings Plant in Caledon, Western Cape, South Africa. Eloise was the project manager, compiled the reports, undertook the required public participation process and managed the appointed specialists.

## **Marine Lift Facility in the Small Craft Harbour, Port of Saldanha, Western Cape, South Africa: Yachtport SA (2009-2010)**

Basic Assessment for the construction and operation of a marine lift facility in the Small Craft Harbour of the Port of Saldanha and ECO services for the duration of the 1-year construction period. Eloise was the project consultant, compiled the reports, undertook the required public participation process, managed the appointed specialists and provided the ECO services.

## Faunal Specialist Studies

### **Agricultural expansion, dam and related pipeline infrastructure on Vergelegen Farm, Robertson, Western Cape, South Africa: InClover Environmental Consulting (2021)**

Terrestrial fauna specialist study as part of a Scoping and EIA process for agricultural expansion, a new dam and related pipeline infrastructure on Vergelegen Farm between Worcester and Robertson. Eloise was appointed as the terrestrial fauna specialist, undertook the specialist study and compiled the required site verification report and specialist statement.

### **Whale Trail II Lodges in the De Hoop Nature Reserve, Western Cape, South Africa: CapeNature (2019)**

Terrestrial fauna specialist study as part of the Basic Assessment for the development of lodges along the new Whale Trail II in the eastern precinct of the De Hoop Nature Reserve, Western Cape, South Africa. Eloise undertook the specialist study assessment and compiled the specialist report for input into the Basic Assessment Report.

### **Development of the Ibhuesi Gas Project, Western Cape, South Africa: Sunbird Energy (2015)**

Terrestrial fauna specialist study as part of the Scoping and EIA process for the development of the Ibhuesi Gas Project along the West Coast of South Africa. Eloise was appointed as the terrestrial fauna specialist, undertook the specialist study assessment and compiled the specialist report for input into the EIA Report.

### **Worcester Eastern Bypass Project, Western Cape, South Africa: AECOM SA for WCG: Dept. of Infrastructure (2013)**

Terrestrial fauna specialist study as part of the Scoping and EIA process for the construction of the Worcester Eastern Bypass from National Route 1, Worcester, Western Cape. Eloise was appointed as the terrestrial fauna specialist, undertook the specialist study assessment and compiled the specialist report for input into the EIA Report.

### **Keyfontein Photovoltaic Power Project near Postmasburg, Northern Cape, South Africa: Solarhybrid SA (2011)**

Terrestrial fauna specialist study as part of the Scoping and EIA process for the development of the Keyfontein Photovoltaic Power Project near Postmasburg in the Northern Cape, South Africa. Eloise was appointed as the terrestrial fauna specialist, undertook the specialist study assessment and compiled the baseline specialist report for input into the Scoping Report.

### **De Aar Solar One Photovoltaic Power Project, Northern Cape, South Africa: Business Venture Investments 1421 (Pty) Ltd (2011)**

Terrestrial fauna specialist study as part of the Scoping and EIA process for the development of the De Aar Solar One Photovoltaic Power Project near De Aar, Northern Cape, South Africa. Eloise was appointed as the terrestrial fauna specialist, undertook the specialist study assessment and compiled the specialist report for input into the EIA Report.

### **Ibhuesi Power Plant Project, Northern Cape, South Africa: Forest Exploration International (South Africa) (2011)**

Terrestrial fauna specialist study as part of the Scoping and EIA process for the development of the Ibhuesi Power Plant Project, Northern Cape, South Africa. Eloise was appointed as the terrestrial fauna specialist, undertook the specialist study assessment and compiled the specialist report for input into the EIA Report.

### **Upgrading of waste water treatment infrastructure in the Blaauwberg Area, Cape Town, South Africa: City of Cape Town (2007)**

Terrestrial fauna specialist study as part of the Scoping and EIA process for the upgrading of waste water treatment infrastructure in the Blaauwberg area, Cape Town. Eloise was appointed as the terrestrial fauna specialist, undertook the specialist study assessment and compiled the specialist report for input into the EIA Report.

## **Second hiking route on the Whale Trail, De Hoop Nature Reserve, Western Cape, South Africa: CapeNature (2007)**

Terrestrial fauna specialist study as part of the Scoping and EIA process for the development of the second hiking route and related infrastructure on the Whale Trail in the De Hoop Nature Reserve, Western Cape, South Africa. Eloise was appointed as the terrestrial fauna specialist, undertook the specialist study assessment and compiled the specialist report for input into the EIA Report.

## **Upgrading of the Gansbaai to Bredasdorp Road to surfaced road standard, Western Cape, South Africa: CCA Environmental (2004)\*\***

As a Masters student, Eloise assisted with the specialist terrestrial fauna assessment as part of the Scoping and EIA process for the upgrading of the Gansbaai to Bredasdorp Road to surfaced standard.

## **New regional landfill site for the Cape Metropolitan Area, South Africa: CCA Environmental (2004 and 2010)\*\***

As a Masters student, Eloise assisted with the specialist terrestrial fauna assessment as part of the Scoping and EIA process for the establishment of a new regional landfill site for the City of Cape Town. After being appointed as an environmental consultant, she compiled an addendum to the original specialist assessment.

## **Initial diamond mining by NDC Mining Company LTD. in the Vredendal district, Western Cape, South Africa: SRK Consulting (2004)\*\***

As a Masters student, Eloise assisted with the specialist terrestrial fauna assessment as part of the Scoping and EIA process for proposed diamond mining in the Vredendal district along the West Coast of South Africa.

## **Development of Farm Trekoskraal No. 104, District Vredenburg, Western Cape, South Africa: Withers Environmental Consultants (2002)\*\***

As an Honours student, Eloise assisted with the specialist terrestrial fauna assessment as part of the Scoping and EIA process for the resort development of Farm Trekoskraal in the Vredenburg area along the West Coast of South Africa.

## **Richtersveld Mining Project, Northern Cape, South Africa: Transhex (2000)\*\***

As a BSc student, Eloise assisted with the specialist terrestrial fauna assessment for Transhex's proposed mining operations in the Richtersveld area in the Northern Cape, South Africa.

## **Memberships and Associations**

- EAPASA Registered Environmental Assessment Practitioner (Reg. No. 2022/4498)
- South African Council for Natural Scientific Professions (Pr.Sci.Nat.): Registered as a Professional Natural Scientist - Environmental Scientist (Reg. no. 400127/10).
- International Association for Impact Assessment South Africa (IAIASa): Member of IAIAsa.
- Herpetological Association of Africa (HAA): Member of HAA.

## **Publications**

- Costandius, E., Mouton, P.le F.N. & Boucher, C. 2004. Conservation status of the Dwarf Crag Lizard, *Pseudocordylus nebulosus*, from the Hottentots Holland Mountains, South Africa. Herpetological Association of Africa Symposium, Port Elizabeth.
- Costandius, E., Mouton, P.le F.N., & Boucher, C. 2006. Conservation status of the Dwarf Crag Lizard, *Pseudocordylus nebulosus*, from the Hottentots Holland Mountains, South Africa. *South African Journal of Wildlife Research* 36(2): 123-132.
- Costandius, E. & Mouton, P.le F.N. 2006 Sexual Size Dimorphism in Montane Cordylid Lizards: a case study of the Dwarf Crag Lizard, *Pseudocordylus nebulosus*. *African Zoology* 41 (1): 103-112.
- Costandius, E., Mouton, P.le F.N. and Flemming, A.F. 2006. The Effect of Intergroup Distance on Group Fidelity in the Group-living Lizard, *Cordylus cataphractus*. *African Journal of Herpetology* 55 (1): 61-68.

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