

Kerry Fairley
Director



Curriculum Vitae

Qualifications

BSc (Hons.)	1995	Botany – University of the Witwatersrand
Pr.Sci.Nat.	2003	Professional Natural Scientist

Key Areas of Expertise

Key areas of Kerry's expertise are summarised below.

Environmental Impact Assessment	Responsible for the management of large environmental assessment projects in South Africa and other African countries.
Liability Assessment	Identification of environmental, community, enviro-legal, financial and reputational risks.
Environmental Due Diligence	Acted as environmental expert on several due diligence teams.
Competent Persons Reporting	Acted as competent person for CPRs
Closure Costing	Closure costing for mining operations

Summary of Experience and Capability

Kerry has over 14 years in environmental consulting. She has been responsible for several integrated environmental management projects in a diverse range of fields. Her responsibilities have included: liability assessments; compliance auditing; due diligence auditing, water quality assessment; public participation programmes; environmental scoping assessment; impact assessment; identification of feasible mitigation measures, closure planning and the development of Environmental Management Plans. Kerry has been responsible for the management of environmental teams on large scale environmental impact assessments. The focus of her career is to prove the overall benefits of incorporating environmental management into all phases of projects. She prides herself in assisting mining clients with practical solutions to environmental issues. Her current role as a senior member of the SLR environmental team is provide guidance, mentorship and quality management for the environmental consultants reporting to her.

Recent Project Experience

Key aspects of Kerry's recent project experience are summarised below.

Project	Date	Kerry's Role
Kumba Iron Ore Limited Permitting of Expansions and Changes to operations at Kolomela Iron Ore Mine, Northern Cape, South Africa.	2014	Internal review, guidance and project mentorship
Kumba Iron Ore Limited Ongoing environmental assistance, auditing and permitting for iron ore prospecting operations in the Northern Cape, South Africa.	2013-	Act as environmental consultant on all aspects relating to large scale prospecting operations for iron ore.
Globe Metals & Mining (Pty) Ltd Environmental and Social Assessment for the Kanyika Niobium Project, Mzimba Malawi	2012	Environmental Project Manager, Public Participation, Authority Liaison
Weatherly Plc Environmental Assessment for the Expansion of the Tschudi Copper Project, Oshikoto Region, Namibia	2012	Environmental Project Manager, Public Participation, Authority Liaison
Dundee Precious Metals Environmental Assessment for the Tsumeb Smelter, Tsumeb, Namibia.	2011	Environmental Project Manager, Public Participation, Authority Liaison
Competent Person Reporting	2004- present	Acted as Competent Person for several competent persons report for the Mineral Corporation for the mining industry.
Compliance auditing for Barberton Gold Mines	2010-	Responsible for annual compliance auditing for

Publications

Fairley, K. 2004. Closure Costs – a motivation for ongoing environmental management. *Proceedings: Third International Mining and Industrial Waste Management Conference, 2004, Johannesburg, South Africa.*

Fairley, K and Nolte, C. 2006. The Sishen South Project: Going beyond the EIA to Ensure the Protection of the Environment. *International Association for Impact Assessment South Africa, 2006. Pilanesberg, South Africa.*

Fairley, K and van der Merwe, D. 2008. A Negative ROD – A Poor Reflection of the Proponent, the Environmental Practitioner or the Environmental Process? *International Association for Impact Assessment South Africa, 2008. Bela Bela, South Africa*

Fairley, K. 2012. Offsets a passing fad or a feasibility strategy for biodiversity conservation in South Africa. *International Association for Impact Assessment South Africa, 2012. Cape Town, South Africa.*

Qualifications

BSc (Hons)	1999	Zoology
Postgraduate Diploma	2008	Environmental Studies

Key Areas of Expertise

Key areas of Shelley's expertise are summarised below.

Project Management	In South Africa and Namibia for mining, waste, infrastructure and industrial projects.
Environmental Impact Assessments	In South Africa and Namibia for mining, waste, infrastructure and industrial projects.
Environmental Management Programmes	In South Africa and Namibia for mining, waste, infrastructure and industrial projects.
Public Participation	In South Africa and Namibia for mining, waste, infrastructure and industrial projects.
Water Use Licensing	In South Africa for mining, waste, infrastructure and industrial projects.
Waste Management Licensing	In South Africa for mining, waste, infrastructure and industrial projects.
Atmospheric Emissions Licensing	In South Africa for mining, waste, infrastructure and industrial projects.
Environmental Auditing and Performance Assessments	In South Africa for mining, infrastructure and industrial projects.
Advisory Services	In South Africa for mining feasibility studies and projects.
Competent Person Reports	In South Africa for mining companies listing on the Johannesburg Stock Exchange.

Summary of Experience and Capability

Shelley is an Environmental Scientist and Project Manager with SLR in the EIA Section. Shelley has over 10 years' experience within the environmental consulting sector, both in a government position within the environmental regulation sector, and as an experienced consultant.

Shelley has managed a wide range of major Environmental Impact Assessment projects for mining, infrastructure, waste and industrial developments throughout South Africa and Namibia for many of the major companies within the minerals industry.

In addition to this she advises clients on a wide range of environmental issues and provides valuable input into project feasibility studies and Competent Person's Reports.

Prior to joining Synergistics Environmental Services in 2007, she held positions within Nemaï Consulting, Rock Environmental Consulting and Cymbian Enviro-Social Consulting as an Environmental Scientist and Project Manager. She left Synergistics Environmental Services briefly in 2009 and 2010 to travel and work overseas. During this time, Shelley worked as an Environmental Consents Investigating Officer at Environment Canterbury in Christchurch, New Zealand.

Synergistics Environmental Services merged with SLR in 2013.

Recent Project Experience

Key aspects of Shelley's recent project experience are summarised below.

Project	Date	Shelley's Role
Construction of a New Conventional Slimes Facility for the Super Fines at Grootegeluk Coal Mine, Limpopo.	Current	Project manager and environmental scientist for EIA, EMP, Public Participation and Water Use Licence.
Construction Accommodation Facility for the Market Coke and Co-Generation Plant Project at Grootegeluk Coal Mine, Limpopo.	Current	Project manager and environmental scientist for Basic Assessment, EMP, Public Participation and Social Impact Assessment.
Integrated Water Use Licence Application at the Holfontein Hazardous Waste Disposal Site, Gauteng.	Current	Project manager and environmental scientist for Water Use Licence application.
Char, Coke and Co-generation Plants, for Exxaro Reductants, Limpopo.	2014	Project manager and environmental scientist for EIA, EMP, Public Participation, Atmospheric Emissions Licence, Waste Management Licence and Water Use Licence.
Chloorkop Municipal Solid Waste to Energy Project, Gauteng.	Current	Project manager and environmental scientist for EIA, EMP, Public Participation, Atmospheric Emissions Licence and Waste Management Licence.
Gravenhage Manganese Mining Project, for Aquila Resources, Northern Cape.	Current	Project manager and environmental scientist for Water Use Licence application.
Ferromanganese Plant Expansion for Exxaro FerroAlloys, Gauteng.	2014	Project manager and environmental scientist for Basic Assessment, EMP, Public Participation and Atmospheric Emissions Licence.
Omitiomire Copper Mine, for Craton Mining and Exploration, Namibia.	2014	Project manager and environmental scientist for EIA, EMP and Public Participation.
Exxaro Coal's Inyanda Mine, Mpumalanga.	2013	Project manager and auditor for Water Use Licence audit and EMP Performance Assessment.
Competent Person's Reports for Wescoal Mining's Pegasus and Elandspruit Mines, Mpumalanga.	2012	Report writer.
Lafarge Mining SA (Pty Ltd) six aggregate quarries in Mpumalanga, Limpopo and Free State.	2012	Project manager and auditor for EMP updates and EMP Performance Assessments.

Project	Date	Shelley's Role
Micro-encapsulation Plant at Holfontein Hazardous Waste Site, for EnviroServ Waste Management, Gauteng.	2011	Project manager and environmental scientist for Basic Assessment, EMP, Public Participation and Waste Management Licence.
Amberley Stormwater System Upgrade, Canterbury, New Zealand.	2010	Investigating officer, presented report on findings at public hearing.

Publications

Integrated Environmental Management Series 1 (IEMS) Sub Series No. IEMS 1.7, Monitoring and Auditing Protocol, for the Department of Water Affairs, September 2004.

BSc Hons (Zoology) Project, Nitrogen allocation to plant parts, with regard to life history strategies in South African forest trees. University of Natal, 1999.