

# VICKI KING

## CURRICULUM VITAE

### **Professional Qualifications**

Masters Degree (LLM) in Environmental Law, University of Natal, Durban 2003.

BSc (Joint Honours) Biological Sciences and Geography, University of Birmingham, England in 1988.

### **Short Courses**

Integrated Environmental Management (IEM) Theory and Practice – University of Cape Town 1992.

Cultivated Pasture Management, Cedara Agricultural College 1996.

Conflict Management, CDR Associates, 1997

Environmental Lead Auditor Course, Wynleigh International / University of Potchefstroom 2000.

Conversational Zulu 2003.

Corporate Governance 2003.

Environmental Law Update, Green Gain Consulting 2009

Hazardous Waste Management, IWM, 2012

Train the Trainer, KZN Training, 2014

UN Globally Harmonised System of Chemical Classification, RiskChem, 2014

Environmental Law Update, Shepstone and Wylie, 2014.

Sharpening the Tool; New Techniques in Environmental Impact Assessment, SE Solutions 2014.

Carbon Footprinting – GCX, February 2017.

### **Year of Birth**

1967

### **Nationality**

British (Permanent Resident RSA)

### **Languages**

English, French (Good), German (basic), Zulu (basic).

### **Professional Affiliations**

Registered Professional Natural Scientist (1994)

International Association for Impact Assessment (1999)

MSAIE&ES (2004)

Institute for Waste Management South Africa (2004)

EAPSA certified environmental practitioner

(2005/2019)

National Association for Clean Air (2005)

Environmental Law Association of SA (2012)

### **Career Profile**

Vicki has been working as an independent environmental consultant for over 30 years, during this time, she has undertaken or project managed over 500 environmental projects. She ran the Durban office of WSP Walmsley for 13 years and reviewed every technical document produced in the office during this time. She set up MEC in 2006 and now undertakes predominantly review, management systems, permit applications, training, auditing and advisory work, calling on her many years experience in the field.

She has successfully compiled and carried out training courses in EIA review for the eThekweni Municipality Development and Planning Department, sustainability training for Capcan Africa and runs

her own EIA training courses in Durban. She has undertaken 'Train the Trainer' coaching to ensure that her training techniques are robust and up to date.

She has completed her Masters in Environmental Law at the University of Natal, the research for which has provided her with a great insight into the legislative situation within the environmental profession. The title of her dissertation was '*Sustainable Development – Legal Facilitation or Failure*'.

This, together with the practical experience she has gained in 30 years of practice, gives her capability to add value to environmental procedure documentation, through involvement in the drafting, and review process.

### **Areas of Expertise**

Environmental Law, all aspects of Integrated Environmental Management including management systems (ISO 14000), Auditing, Scoping Studies, EIA, Water Use Licensing, EMPs, EMPRs (mining industry) and monitoring. She successfully completed Environmental Lead Auditor course through Potchestroom University in 2000. Her particular interest lies in waste management, review, corporate governance and sustainable development within the industrial sector.

### **Countries Worked**

South Africa, Zimbabwe, Zambia, Mauritius, Seychelles, United Kingdom and Namibia.

### **Papers**

IEM and the Proponent, Young Water, Environmental & Geotechnical Engineers Festival 1996  
Environmental Planning and Management of Water Supply Projects, WISA Conference, PMB 1996  
Sustainable Development – Legal Facilitation or Failure, Masters Dissertation, 2003.  
Environmental Law – The Triple Bottom Line Approach, Legal Congress 2004.

### **Publications**

EIA in the Seychelles - Chapter in SAIES Book on Environmental Assessment in Southern Africa, 2003.

## **EMPLOYMENT HISTORY**

### **Metamorphosis**

February 2006 to present – Member

### **WSP Environmental, Durban, RSA**

April 2001 to February 2006 – Director

### **Walmsley Environmental Consultants, Durban**

July 1995 to April 2001 - Director/Senior Environmental Scientist

### **Walmsley Environmental Consultants, Durban**

August 1993 to July 1995 - Environmental Scientist

### **Walmsley Environmental Consultants, Johannesburg**

January 1991 to August 1993 - Environmental Scientist

### **Lewis's Retail Ltd, England**

1988 to 1990 - Departmental manager/Personnel manager

## KEY PROJECT EXPERIENCE

PROJECT	Client	Year	Role
<b>Industry Waste Management Plans</b>			
Everest Flexibles	Everest	2017	Project leader
iThunga Pre-Press	Everest	2019	Project leader
<b>Landfill Auditing</b>			
Landfill permit audits for the Bulbul Drive H:h landfill site	Wasteman	2008 – present.	Lead Auditor
Review of Mariannahill landfill site permit audits	DSW	2009 - present	Review
Internal Auditing for Kwadukuza Landfill Site	DCLM	2010 – 2019.	Lead Auditor
Review of Landfill Audits for Geomeasure Group	Geomeasure Group	2010 to 2018	Review
Landfill Permit Audit for the Roundhill Landfill site	Buffalo City Municipality	2016 and 2017	Lead Auditor
<b>Waste Disposal</b>			
Site Selection Study for a hazardous waste Disposal site in Kwazulu-Natal.	Waste Services	1993	EAP
Independent Environmental Assessment for New England Road Landfill Site, Pietermaritzburg	Pietermaritzburg Municipality	1996	Review
Independent Chair for the Mariannahill landfill Monitoring Committee.	eThekwini Municipality	2009 - present	Chair
Ongoing consultation at the Kwadukuza Landfill site in KZN.	DCLM	2010 - present	EAP
Project management of the Leachate treatment solution project for DCLM	DCLM	2012	Project leader and EAP
Application for the exclusion of Slag from the definition of waste	Assmang	2016, 2018	Project leader
Application for the exclusion of Slag from the definition of waste	African Rainbow Minerals	2020	Project leader
Review of the Chloorkop Waste Licence Application	Lords View	2019	Review
Review of the Somkhele Waste Licence Application	Tendele	2020	Review
<b>Water Use Licence Applications</b>			
Integrated Water Use Licence for the Kwadukuza Landfill and leachate treatment plant	DCLM	2016	Project leader and EAP
Integrated Water Use Licence Application for the Lovu Landfill and leachate treatment plant	DSW	2015-2016	Project leader and EAP
Water Use Licence Application for the Proposed Birdhaven Estate in Salt Rock	DG Investments	2015-2016	Project leader and EAP
Integrated Water Use Licence for the Shongweni Landfill	DSW	Current	Project leader and EAP
<b>Environmental Control Officer</b>			
Environmental monitoring for the NCS Warehouse construction.	NCS Resins	2000	ECO
Environmental monitoring for the construction of the replacement pipe to the SAPREF SBM.	SAPREF	2001	ECO
Environmental monitoring for the Umgeni South Coast Pipeline construction.	Umgeni Water	2011	ECO
Environmental monitoring for the Greenmeadow Lane construction.	M Piggott	2009 - 2016	ECO

Environmental monitoring for the construction of Molasses bladders at Maidstone and Felixton Sugar Mills.	Voermol	2016 and 2018	ECO
Environmental monitoring for Cell 2 and LTP construction at Kwadukuza Landfill.	DCLM	2015	ECO
Alien Plant monitoring for Kwadukuza Landfill site.	DCLM	2013 - 2019	ECO
<b>Environmental Auditing</b>			
Shadow audit for Diverseylever with URS Dames and Moore in Durban.	URS	2003	Auditor
Environmental legal audit for the three NPC sites around KZN.	NCS	2007	Lead Auditor
Environmental Legal Audit for Somkhele Coal Mine.	Tendele Coal	2011	Lead Auditor
Environmental Legal Audit for Zululand Anthracite Colliery.	GCS	2011	Lead Auditor
Legal Audit for the Monoweld Galvanising plant in Johannesburg	Monoweld	2016	Lead Auditor
Environmental health and Safety Audit for the Equal Chance Trading and Discovery Drilling operation in Rustenburg	Equal Chance	2017	Lead Auditor
Environmental Audit of the National Norms and Standards for the Storage of Waste for the DCLM site in Richards Bay	DCLM	2017 and 2019	Lead Auditor
Environmental Audits for 5 AccessWorld Sites throughout South Africa	AccessWorld	2017/18	Lead Auditor
Environmental health and Safety Audit for the ACE Chemical Factory in Johannesburg	Associated Chemical Enterprises	2018	Lead auditor
Audits of 12 BP Fuel Filling stations throughout the Western Cape	BP/GMG	2018	Lead Auditor
Audit of Bulk Fuel Storage facilities at OR Tambo, George, Wonderboom and East London Airports	BP/GMG	2018	Lead Auditor
Audit of the Arsenic disposal operation at Dundee Precious Metals at Tsumeb, Namibia.	DPMT	2019/2020	Lead auditor
<b>Environmental Training</b>			
Environmental Training for Contractors on the Booth Road Development, Durban.	eThekwini	1999	Lead Facilitator
EIA Review training for eThekwini Municipal officials	eThekwini	2000	Lead Facilitator
Environmental Law training for Metro Parks Department	eThekwini	2005	Lead Facilitator
Sustainability Training for Capcan Africa (various clients).	Capcan	2007	Lead Facilitator
Real World EIA training for Consultants and Industry.	Various	2008 - present	Lead Facilitator
Environmental Training for Unitrans Construction Supervisors/Managers.	Unitrans	2012	Lead Facilitator
Environmental Law training for AccessWorld Supervisor and Managers (5 sites)	AccessWorld	2020	Facilitator
<b>Environmental Management Plans</b>			
Closure Plans for Solmar and Burnside Collieries	Grinaker	1999	EAP
Environmental Management Plan for the Zone 3I Reservoir, Kloof.	eThekwini	2000	Project leader and EAP

Environmental Management Plan for the Courtyards Shopping Centre in KwaZulu Natal.	Mark 2 Projects	2001	Project leader and EAP
Environmental Management Plan for the Kloof Sewer Pipeline	eThekwini	2002	Project leader and EAP
Environmental Management Programme	Hulett Aluminium	2003	Project Leader
Review of the SAPREF ISO 14000 system.	SAPREF	2004	EAP
Environmental management plans for the Nutri-Flo Spornet sites.	NutriFlo	2013-2016	Project leader and EAP
<b>Environmental Impact Assessment</b>			
PEIA for Sengwa Colliery in Zimbabwe.	Rio Tinto Zimbabwe	1991	EAP
EIA for Pegasus Coal mine	Trans-Natal Corp	1991	EAP
EIA for Marble Hall MDL project	Samancor Ltd	1991	EAP
EIA and management plan for housing development in Munster, Natal.	Permprop	1992	Project leader and EAP
EIA for a coal loading siding in Vryheid	Trans Natal Corp	1993	Project leader and EAP
EIA and Management plan for the Northern Feeder Pipeline,	Umgeni Water	1994	Project leader and EAP
Full EIA for the Gokwe North Coal Mine in Zimbabwe for	Rio Tinto Zimbabwe	1993 - 1997	Project leader and EAP
Environmental Study for the upgrading of the Durban Heights Reservoir Overflow System	Umgeni Water	1995	Project leader and EAP
Environmental Scoping Study for an SRU and SCOT at the SAPREF Refinery on the KZN South Coast.	SAPREF	1996	Project leader and EAP
Environmental Application for the Mhlathuze Waste Water Pipeline in Richards Bay.	Mhlathuze Water	1999	Project leader and EAP
Full EIA for the Murowa Diamond mine in Zimbabwe	Rio Tinto Zimbabwe	1999 to 2002	Project leader and EAP
Environmental Scoping study for the Durban Fibres Plant in Prospecton.	Hosaf	2001	Project leader and EAP
Scoping Study for the proposed pilot bitumen plant at Engen Refinery	Engen	2002	Project leader and EAP
Scoping Study for the SAPREF Clean Fuels Project	SAPREF	2003	Project leader and EAP
Extended Scoping Study for the LignoTech Lignosulphonate Plant	Sappi Saiccor	2003	Project leader and EAP
EIA for the Durban Solid Waste CDM project (Landfill gas to Energy)	eThekwini	2004	Project leader and EAP
Scoping study for the Engen Clean Fuels Project	ENGEN	2004	Project leader
Scoping report for the WasteX Autoclave project in Tongaat	WasteX	2004	Project leader and EAP
Environmental impact assessment for the Sappi Saiccor Expansion project	Sappi Saiccor	2005	Project leader and EAP
Environmental Impact Assessment for the Proposed Shongweni Landfill.	DSW	2005	Project leader
Basic Assessment for a proposed styrene tank at NCS Resins, Isipingo.	NCS Resins	2005	Project leader and EAP
Environmental Impact Assessment for the Bulbul Drive Gas recovery project.	Wasteman	2006	Project leader and EAP
Scoping report for the Fordoun Leisure Resort expansion.	Fordoun	2007	Project leader and EAP

Environmental Impact Assessment for the Inkwazi Housing Development in Kwadukuza Municipality	Chapman Enterprises	2008	Project leader and EAP
Assistance to the KZN Provincial Department of Agriculture and Environmental Affairs with the closure of files and issuing of RODs for 34 applications.	DAEA	2009	EAP
Basic Assessment for a proposed dam on the Mhlali River.	A Reynolds	2010	Project leader and EAP
S24G application and EMPr for the eThembeni Cemetery in Pmb.	Mpinvestfor	2011	Project leader and EAP
Environmental Impact Assessment for the Kwadukuza Landfill upgrade project.	DCLM	2012	Project leader and EAP
N3 Upgrade Project	SANRAL	Current	Project leader and EAP
Basic Assessment for the Kingsburgh x 9 Housing Development	Dan Spares	Current	Project leader and EAP
S24G application for the Construction of 3 dams on AC Reynolds Farm	AC Reynolds	2018	Project leader and EAP
S24G application for the formalization of permitting at the Lovu Landfill site	eThekwini Municipality	Current	Project leader and EAP
<b>Environmental Management Programme Reports for Mining</b>			
EMPR for Greenside and New Clydesdale Collieries	Gold Fields of SA	1992	EAP
EMPR for a basalt quarry in Mtubatuba	North Coast Crushers.	1994	EAP
EMPR for a brickworks on the Mzimkulu River	IH Brick & Block.	1996	Project leader and EAP
EMPR for Brockwell Colliery in Vryheid	Trans Natal Colliery	1997	Project leader and EAP
EMPR for Glen Quarry, Dundee	Sunshine Quarries	1998	Project leader and EAP
Environmental Management Programme for Midmar Crushers Dolerite Quarry, Howick	Midmar Crushers	1998	Project leader and EAP
EMPR for Natal Ammonium Colliery Closure in Vryheid	Kangra	1999	Project leader and EAP
EMPr and WUL Compliance assessment for Tendele Mining	Tendele	2019	Lead Auditor
<b>Strategic Environmental Assessments</b>			
Strategic Environmental Assessment for the location of marinas, ski lanes and bathing areas	Government of Mauritius	2003	EAP
SEA for development of a Tourism Strategy for Kwadukuza Local Municipality.	Hayley Sharpe	2008	EAP
Strategic Environmental Assessment to identify Industrial land in Ilembe District.	Urban Econ	2009	EAP
<b>Due Diligence Studies</b>			
Due diligence study for privatization of the oil industry in Zambia.	Zambian Government	2000	EAP
Due Diligence for 'Project Pipe' in Howick KZN.	ERM	2003	EAP
Due diligence for acquisition of various industrial sites in KZN	ERM	2004	EAP
<b>General Environmental Projects</b>			
Production of a brochure on environmental control for the Outer West Local Council.	eThekwini Municipality	1993	EAP
Seychelles Chapter in World Summit Sustainable Development book in order to provide a constructive	South African Assessment of	2003	Research and compilation

analysis of the application of Environmental Assessment.	Impact Assessment		
Strategic planning for the identification of Major Hazardous Installations in eThekweni.	eThekweni Municipality	2004	EAP
Duty of Care study for Sappi Saiccor industrial Modernisation Project	Sappi Saiccor	2005	EAP
<b>Closure Planning</b>			
Closure Plan for Assmang Manganese, Cato Ridge.	Assmang	2005	Project leader and EAP
<b>Pasture Management</b>			
Preparation of a pasture management plan on various equestrian properties in Assagay.	Various	2006 - present	Project leader and EAP
Ongoing management of several equestrian properties in Assagay.	Various	Ongoing	Project leader and EAP
<b>Environmental Review</b>			
Review of the EIA for the proposed Xolobeni Mining Project.	GCS	2007	Review
Review of Various mining applications for GCS Consultants	GCS	2010-2011	Review
Review of Several projects for Acer Africa.	Acer	2011-present	Review
Review of the Keystone Logistics Park Environmental Impact Assessment	Balanced Environment	2015	Review and assistant to EAP
Review of all Environmental Projects for Geomeasure Group	GMG	2012-present	Review
Review of the Chitima Mining EIA in Mozambique	GCS	2018	Review
Review of Somkhele Mining application EMPr	Tendele	2019	Review
<b>Corporate Governance</b>			
Verification audit for McAlpine's Annual Sustainability Report at 4 sites in UK (industrial, retail, infrastructure and mining).	WSP	2005	Lead Auditor
Facilitation at the Real World Learning event for Exel in Hoedspruit.	Exel	2005	Facilitator
Review of Eskom's 2006 Annual Report	Eskom	2006	Review
<b>Legal Register compilation</b>			
Monoweld Galvanisers	Monoweld	2016	Author
Equal Chance	Equal Chance	2017	Author
Or Tambo International Airport Bulk Fuel Storage	BP/GMG	2018	Author
Wonderboom Airport Bulk Fuel Storage	BP/GMG	2018	Author
George Airport Bulk Fuel Storage	BP/GMG	2018	Author
East London Bulk Fuel Storage	BP/GMG	2018	Author
<b>Strategic Assistance</b>			
Environmental Advisory work	DCLM	2010 to present	Advisor
Strategic assistance with regard to Environmental Management Systems	Voermol Feeds	2016 to present	Advisor
<b>Carbon Footprint</b>			
Development of Carbon Footprint Report	Voermol Feeds	2017	Author
Update of Carbon Footprint Report	Voermol Feeds	2018	Author