



PO Box 2116 Link Hills 3652
Tel: 031 764 7554 Fax: 086 562 7078
Cell: 076 420 1441 Email: vicks@metamorphosisdbn.co.za
Member: V KING (P/Sci/Nat. MSA/ES/ES) Reg No: 2005/173173/23



26 July 2018

MINUTES OF THE PRE-APPLICATION MEETING HELD WITH EDTEA FOR THE PROPOSED KINGSBURGH EXT 9 HOUSING DEVELOPMENT ON THE 24 JULY 2018.

Venue: EDTEA Offices, 17th Floor Commercial City Building, 40 AB Xuma St, Durban.

Time: 09h30

In attendance:

N Brijlal – EDTEA

A Wolfaardt – Proponent

V King – Metamorphosis Environmental Consultants.

Mr Wolfaardt introduced himself, and explained that he had, in fact, met with Ms Brijlal approximately two years ago on the same project, but that the project had not proceeded at that stage for a number of reasons. One of the reasons was the fact that the City had not agreed with the coverage proposed for the development. He explained that the layouts have now been amended and that a meeting has been held with the City who are now in agreement in principle with the proposal.

Ms King then presented the proposed layout and explained the nature of the development, densities, stormwater and sewage management proposals etc.

She stated that the wetland specialists had discovered that the City's mains sewer into which the developer wishes to link the development, is leaking in several places in the valley below the site.

Ms Brijlal stated that this must be reported to the EDTEA compliance Department to enable them to follow up with the City. She was concerned that the state of the infrastructure could hold up the development if the issue is not resolved as a matter of urgency.

Ms King committed to sending the report to Shireen Mahabeer of the Compliance Department.

Ms King queried whether the DAFF permits and Water Use Licence (WUL) (which would be required as a result of the one sewer pipe crossing the river in the valley) would be required prior to issue of the Authorisation (EA). Ms Brijlal clarified that they are not required prior to the issuing of the EA, but that both the Department of Water and Sanitation (DWS) and Department of Forestry and Fisheries (DAFF) MUST be consulted through the BA process and their comments included in the report. She further stated that DWS require the EA to issue the WUL. She did state however that the applications should be undertaken in parallel to avoid time delays.

Ms King queried whether the site would be considered 'urban' in terms of the EIA Regulations definition. Ms Brijlal responded that the site would be considered to be urban as it is surrounded by development and zoned residential and also has existing services. Therefore the listed triggers which do not apply in urban areas will not apply to the project (LN1 Activity 9, 10, 12, 45, 46, 48 etc).

It was confirmed that LN1 activity 27 and 19 would apply. Approximately 5ha of vegetation will be disturbed and a large portion contains indigenous vegetation.

Ms King queried whether Activity 34 of Listing Notice 1 would apply – this relates to the requirement for a Licence relating to discharge of pollution, as there is a requirement for a WUL. Ms Brijlal stated that it will not apply.

Ms King queried Listing Notice 3 triggers and Ms Brijlal stated that Listing Notice 3, Activity 12 should be included (removal of 300m² of vegetation in a critical biodiversity area).

Ms Brijlal stated that the Departments to be consulted were acceptable (no need to contact Department of Cooperative Governance and Traditional Affairs, or the Department of Human Settlements. She asked that EDTEA and the City are added to the list in the application form.

Mr Wolfaardt stated that there is a letter from the Municipality stating that adequate services are available on site. This letter will be appended in the Basic Assessment.

Ms Brijlal stated that EDTEA will comment on the Draft Basic Assessment.

Ms King confirmed that she will put up site notices at the entrance to each proposed development, in English and in Zulu. She will also contact the Ward Councillor and place an advert in the South Coast Sun. Ms Brijlal also wants an advert in a Zulu publication. Ms King will confirm.

Ms King also confirmed that she will undertake the public participation process prior to lodging the application.

Ms King thanked Ms Brijlal for her assistance and the meeting was concluded at 10h15.

Signed:



Vicki King - Metamorphosis Environmental Consultants

Confirmed:

N Brijlal: - EDTEA

Declaration of interest by EAP



edtea

Department :
Economic Development, Tourism and
Environmental Affairs

PROVINCE OF KWAZULU-NATAL

DETAILS OF EAP AND DECLARATION OF INTEREST

	(For official use only)
EIA File Reference Number:	
NEAS Reference Number:	
Waste Management Licence Number: (if applicable)	
Date Received:	

Application for environmental authorisation in terms of the National Environmental Management Act, 1998 (Act No. 107 of 1998) and the Environmental Impact Assessment Regulations, 2014

PROJECT TITLE

PROPOSED HOUSING DEVELOPMENTS ON ERVEN 2954, 2955, 2956
KINGSBURGH EXTENSION 9, KZN

Environmental Assessment Practitioner (EAP): ¹	METAMORPHOSIS ENVIRONMENTAL CONSULTANTS		
Contact person:	VICKI KING		
Postal address:	PO BOX 2116, LINK HILLS		
Postal code:	3652	Cell:	076 420 1441
Telephone:	031 764 7554	Fax:	031 764 7897
E-mail:	vicki@metamorphosisdbn.co.za		
Professional affiliation(s) (if any)	Pr Sci Nat, EAPASA CERTIFIED, IA IASA, IWM		

Project Consultant:	N/A		
Contact person:			
Postal address:			
Postal code:			
Telephone:			
E-mail:			

Declaration of interest by EAP

4.2 The Environmental Assessment Practitioner

I, VICTORIA CLARE KING, declare that –

General declaration:

- I will comply with the requirements for EAPs as stipulated in Regulation 13(1) of the EIA Regulations, 2014;
- I act as the independent environmental practitioner in this application
- I will perform the work relating to the application in an objective manner, even if this results in views and findings that are not favourable to the applicant
- I declare that there are no circumstances that may compromise my objectivity in performing such work;
- I have expertise in conducting environmental impact assessments, including knowledge of the Act, regulations and any guidelines that have relevance to the proposed activity;
- I will comply with the Act, regulations and all other applicable legislation;
- I have no, and will not engage in, conflicting interests in the undertaking of the activity;
- I undertake to disclose to the applicant and the competent authority all material information in my possession that reasonably has or may have the potential of influencing - any decision to be taken with respect to the application by the competent authority; and - the objectivity of any report, plan or document to be prepared by myself for submission to the competent authority;
- I will ensure that information containing all relevant facts in respect of the application is distributed or made available to interested and affected parties and the public and that participation by interested and affected parties is facilitated in such a manner that all interested and affected parties will be provided with a reasonable opportunity to participate and to provide comments on documents that are produced to support the application;
- I will ensure that the comments of all interested and affected parties are considered and recorded in reports that are submitted to the competent authority in respect of the application, provided that comments that are made by interested and affected parties in respect of a final report that will be submitted to the competent authority may be attached to the report without further amendment to the report;
- I will keep a register of all interested and affected parties that participated in a public participation process; and
- I will provide the competent authority with access to all information at my disposal regarding the application, whether such information is favourable to the applicant or not
- all the particulars furnished by me in this form are true and correct;
- will perform all other obligations as expected from an environmental assessment practitioner in terms of the Regulations; and
- I am aware that a person is guilty of an offence in terms of Regulation 48 (1) of the EIA Regulations, 2014, if that person provides incorrect or misleading information. A person who is convicted of an offence in terms of sub-regulation 48(1) (a)-(e) is liable to the penalties as contemplated in section 49B(1) of the National Environmental Management Act, 1998 (Act 107 of 1998)

Department of Economic Development, Tourism & Environmental Affairs, KwaZulu-Natal	Details of the EAP and Declaration of Interest	01 July 2016
--	--	--------------

Declaration of interest by EAP

Disclosure of Vested Interest (delete whichever is not applicable)

- I do not have and will not have any vested interest (either business, financial, personal or other) in the proposed activity proceeding other than remuneration for work performed in terms of the Environmental Impact Assessment Regulations, 2014;
- I have a vested interest in the proposed activity proceeding, such vested interest being:

~~_____

_____~~


Signature of the environmental assessment practitioner:

MEIAMORPHOSIS ENVIRONMENTAL CONSULTANTS
Name of company:

13/3/20
Date:

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 29 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 26 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
Water Use Licence Applications			
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
Environmental Control Officer			
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 - present	ECO
Environmental Auditing			
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
Landfill Auditing			
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 – present).	Lead Auditor
Review of Landfill Audits for Geomeasure Group	Geomeasure Group	2010 to present	Review
Landfill Permit Audit for the Roundhill Landfill site	Buffalo City Municipality	2016 and 2017	Lead Auditor
Environmental Training			
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 Management Plans			
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
Environmental Impact Assessment			
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
Environmental Management Programme Reports for Mining			
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
Strategic Environmental Assessments			
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
Waste Disposal			
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 Mariannhill 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
Due Diligence Studies			
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
General Environmental Projects			
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 analysis of the application of Environmental Assessment.	South African Assessment of Impact Assessment	2003	Research and compilation
Strategic planning for the identification of Major Hazardous Installations in eThekwini.	eThekwini Municipality	2004	EAP
Duty of Care study for Sappi Saiccor industrial Modernisation Project	Sappi Saiccor	2005	EAP
Closure Planning			
Closure Plan for Assmang Manganese, Cato Ridge.	Assmang	2005	Project leader and EAP
Pasture Management			
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
Environmental Review			
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
Corporate Governance			
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
Legal Register compilation			
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
Industry Waste Management Plans			
Everest Flexibles	Everest	2017	Project leader
iThunga Pre-Press	Everest	2019	Project leader
Strategic Assistance			
Environmental Advisory work	DCLM	2010 to present	Advisor
Strategic assistance with regard to Environmental Management Systems	Voermol Feeds	2016 to present	Advisor
Carbon Footprint			
Development of Carbon Footprint Report	Voermol Feeds	2017	Author
Update of Carbon Footprint Report	Voermol Feeds	2018	Author