

Curriculum vitae: Ms K VERSFELD

Name : **VERSFELD, KAREN**
Date of Birth : 26 March 1980
Profession/Specialisation : Environmental Manager
Nationality : South African
Years experience : 10

Biography

Karen Versfeld is the Environmental Manager for Mulilo Renewable Project Developments. Karen has a MSc in Water Resource Management and has been active in the field of environmental and water resource management for over ten years. She has obtained experience as a specialist environmental consultant in undertaking environmental processes for both small and medium to large scale development projects in South Africa and Namibia. This includes a wide range of projects from renewable energy projects to pipelines and industrial developments. Karen has also obtained experience in writing and implementing Environmental Management Plans (EMPs) for the construction and operational phases of developments.

Employment record

01/2014 - Date	Mulilo Renewable Project Developments, Environmental Manager
03/2009 – 12/2013	Aurecon, Senior Environmental Scientist
11/2008 - 02/2009	Ninham Shand, Water Resource Scientist
02/2008 - 11/2008	Arcus GIBB (Pty) Ltd, Environmental Scientist
11/2005 - 01/2008	ILISO Consulting (Pty) Ltd, Environmental Scientist
03/2005 - 10/2005	Hartbeespoort Water Action Group (HWAG), Project Coordinator
09/2004 - 02/2005	CPH2O, Geographic Information System (GIS) Consultant

Management experience

01/2014 – Date	Manager
07/2011 – 12/2013	Project Leader

Experience record

Environmental Impact Assessment (EIA) for the proposed wind energy facility and associated infrastructure on Wolf Wind Farm near Wolwefontein (Eastern Cape Province, South Africa) 08/2013 - Date. *Project Leader.* This project entailed an Environmental Impact Assessment for a wind energy facility (140MW capacity) and associated infrastructure. Responsible for management and review of the EIA process and finances. Involved for 1 person-month. (juwi Renewable Energies (Pty) Ltd).

Due Diligence review of an Environmental Impact Assessment (EIA) for a proposed wind energy facility and associated infrastructure located 70km South-west of Nairobi (Kenya) 07/2013. *Project Leader.* This project entailed a review of the environmental impact assessment process, documentation, and specialists studies to provide comment on the assessments completed and the status of approvals. Responsible for review of the EIA documentation. Involved for 1 week. (Confidential).

Environmental Impact Assessment (EIA) for the proposed wind energy facility and associated infrastructure on Namies Wind Farm near Aggeneys (Northern Cape Province, South Africa) 05/2013 - Date. *Project Leader.* This project entailed an Environmental Impact Assessment for a wind energy facility (140MW capacity) and associated infrastructure. Responsible for management and review of the EIA process and finances. Involved for 1 person-month. (juwi Renewable Energies (Pty) Ltd).

Environmental Impact Assessment (EIA) processes for the proposed photovoltaic (solar) energy plan on Badenhorst Dam Farm, and Du Plessis Dam Farm near De Aar (Northern Cape Province, South Africa) 02/2013 - Date. *Project Leader.* This project entailed two Environmental Impact Assessment (EIA) processes for the proposed photovoltaic energy facilities at Badenhorst Dam Farm and Du Plessis Dam Farm. At Badenhorst Dam Farm, the solar energy project would comprise of four 75MW solar energy facilities. At Du Plessis Dam Farm, the solar energy project would comprise of three 75MW solar energy facilities. Responsible for management and review of the EIA process and finances. Involved for 1 person-

month. (Mulilo Renewable Energy (Pty) Ltd).

Environmental Impact Assessment (EIA) for the construction of the bulk water supply scheme at Kalkfeld (Kalkfeld, Namibia) 01/2013 – Date. *Project Leader.* This project entailed an Environmental Impact Assessment (EIA) process for the proposed construction of the bulk water supply scheme for the town of Kalkfeld. Responsible management and review of the EIA process and finances. (Namibia Water Corporation (NamWater)).

Basic Assessment (BA) for the proposed transmission lines from the South and North WEFs on the Eastern Plateau (De Aar 2), near De Aar, Northern Cape (Northern Cape, South Africa) 11/2012 – 08/2013. *Project Leader.* This project involved undertaking a Basic Assessment and EMP process for two 132kV overhead transmission lines connecting two WEFs, to be developed to the east of De Aar, to the national transmission grid. The proposed transmission lines would consist of a single servitude approximately 21km in length which would feed into Eskom's proposed Bushbuck substation. Responsible for management and review of the EIA process and finances. Involved for 2 person-months. (Mulilo Renewable Energy).

Basic Assessment (BA) for the proposed transmission lines from the Maanhaarberg and Damfontein Wind Energy Facilities (WEF) (De Aar 1), near De Aar, Northern Cape (Northern Cape, South Africa) 07/2012 – 08/2013. Undertaking a Basic Assessment process for two 132kV overhead transmission lines connecting a two-phased WEF, to be developed to the west of De Aar, to the national transmission grid. The proposed transmission lines would consist of a single servitude approximately 25.6km in length which would feed into Eskom's proposed Eskom/PV3 substation. Responsible for management and review of the EIA process and finances. (Mulilo Renewable Energy).

Social and Environmental Impact Assessment (SEIA) for the proposed mining of the Z20 uranium deposit (Erongo Region, Namibia) 10/2012 – 08/2013. *Project Manager.* This project entailed a Social and Environmental Impact Assessment for the proposed mining of the Z20 uranium deposit and the infrastructure corridor linking the proposed mine to the Rössing plant. Responsible for management and review of the EIA process and finances. Involved for 4 person-months. (Rössing Uranium Limited).

Environmental Impact Assessment (EIA) for the construction of the bulk water supply scheme at Aussenkehr (Aussenkehr, Namibia) 03/2012 – 08/2012. *Project Leader.* This project entailed an Environmental Impact Assessment (EIA) process for the proposed construction of the bulk water supply scheme for the town of Aussenkehr. Responsible for management and review of the EIA process and finances. Involved for 1 person-month. (Namibia Water Corporation (NamWater)).

Strandfontein School Integrated Waste Management Plan (IWMP) (Western Cape Province, South Africa) 01/2012 - Date. *Project Leader.* The project entailed the compilation of an Integrated Waste Management Plan (IWMP) for the rehabilitation of Erf 14927 and undertaking a Section 24G process to rectify the commencement of the unlawful activities. Responsible for financial management, contract negotiations with sub-consultants, coordinating the specialist team, review of specialist reports, and compilation of the reports. Involved for 0.5 person-months. (Western Cape Education Department (WCED)).

Environmental Impact Assessment (EIA) process for the proposed photovoltaic (solar) energy plan on Badenhorst Dam Farm, Paarde Valley Farm, and Annex du Plessis Dam Farm near De Aar (Northern Cape Province, South Africa) 11/2011 - 09/2012. *Project Leader.* This project entailed two Environmental Impact Assessment (EIA) processes and one basic assessment for the proposed construction of three photovoltaic energy facilities and associated infrastructure. Responsible for financial management, contract negotiations with sub-consultants, coordinating the multidisciplinary specialist team, review of specialist reports, and compilation of the EIA and BA Reports and EMP, and presenting at the stakeholder meetings. Involved for 2 person-months. (Mulilo Renewable Energy (Pty) Ltd).

Upgrades to the existing cement manufacturing plant and associated operations in Riebeeck West (Western Cape Province, South Africa) 07/2011 – 09/2012. *Project Leader.* This project entailed an Environmental Impact Assessment (EIA) process for the upgrading of an existing cement manufacturing plant and associated infrastructure. Responsible for management and review of the EIA process and finances. Involved for 5 person-months. (PPC Ltd).

Construction of the Newton pipeline (South Africa) 02/2011 – 05/2013. *Task Leader.* This project entailed the construction of a potable water pipeline to supply water to the residents of Newton, Wellington, and Paarl. Responsible for the preparation of documentation in support of the water use authorisation and

liaison with the Department of Water Affairs (DWA). Involved for 0.25 person-months. (Drakenstein Municipality).

Khanyisa Power Station (South Africa) 09/2010 - 01/2012. *Task Leader.* This project entailed an application for environmental authorisation for the proposed Khanyisa Power Station. Responsible for the surface Water Quality Impacts Assessments (WQIAs) associated with the proposed development. Involved for 0.5 person-months. (Ministry of Irrigation and Water Development).

Development of reconciliation strategies for large bulk water supply systems for the Greater Bloemfontein Area (Free State Province, South Africa) 11/2008 – 03/2013. *Project Scientist.* The objective of this project was to develop a strategy that sets out a course of action to ensure adequate and sustainable reconciliation of future water requirements in the Greater Bloemfontein Area for a horizon of at least 25 years. Responsible for report compilation, and project administration. Involved for 2 person-months. (Department of Water Affairs (DWA)).

Establishment of water monitoring systems (Malawi) 11/2008 - 08/2011. *Project Coordinator.* The project involved establishing a network and Management Information System (MIS) for groundwater, surface water, and water quality monitoring systems. Responsible for coordinating the various sub-consultants, the compilation of project documentation, and the review of all reports before submission to the client. Involved for 2 person-months. (Ministry of Irrigation and Water Development).

Development of the Catchment Management Strategy (CMS) for the Breede-Overberg Water Management Area (WMA) (South Africa) 11/2008 - 07/2011. *Project Scientist.* The project entailed developing a Catchment Management Strategy (CMS) for the Breede-Overberg Water Management Area (WMA). Aurecon was appointed as a technical sub-consultant to provide input to the water resource component of the CMS. Assisted with the compilation of the report on the status of water resources and water resource management strategies. Involved for 0.8 person-months. (Pegasys).

Compilation of the Integrated Waste and Water Management Plan (IWWMP) for Elitheni Coal in support of a Water Use Licence (South Africa) 11/2008 - 06/2011. *Project Scientist.* The project involved undertaking specialist studies and preparing the technical reports in support of the Integrated Water Use Licence Application (IWULA). Responsible for the preparation of documentation in support of the water use authorisation and liaison with the Department of Water Affairs (DWA). Involved for 0.6 person-months. (Elitheni Coal (Pty) Ltd).

Development of reconciliation strategies for the Algoa Water Supply Area (Eastern Cape Province, South Africa) 11/2008 - 06/2011. *Project Scientist.* The project entailed developing strategies to reconcile the water supply available from the Algoa Water Supply System (AWSS) with the water requirements up to 2035. Responsible for the compilation of reports and project administration. Involved for 2 person-months. (Department of Water Affairs (DWA)).

Drakenstein River Management Plan: assessment of the urban reaches of rivers within the Drakenstein Municipality (Western Cape Province, South Africa) 11/2008 - 02/2011. *Project Scientist.* The project involved the assessment of the urban reaches of selected rivers from an environmental and engineering perspective to guide the development of a practical river management plan. Responsible for the river assessment. Assisted with the field investigation of the selected rivers. Involved for 0.1 person-months. (Drakenstein Municipality).

Water use authorisation process for identified water uses at the Pretoria Portland Cement's (PPC's) Jupiter cement plant in terms of the National Water Act (NWA) (South Africa) 02/2008 - 11/2008. *Project Scientist.* The project involved an application for a water use authorisation for the Jupiter Cement Plant. Responsible for the compilation of the technical reports in support of the Water Use Licence Application (WULA). Responsible for the preparation of documentation in support of the water use authorisation and liaison with the Department of Water Affairs (DWA). Involved for 0.25 person-months. (Pretoria Portland Cement (PPC)).

Compilation of the Volunteer Water Quality Training Manual, the Communication Structures Manual, and the Training Needs Manual for the Adopt-a-River Programme, Phase 2: development of an implementation plan (South Africa) 11/2008 - 02/2011. *Project Scientist.* The aim of the Adopt-a-River Programme was to create awareness and an understanding amongst all South Africans of the need to care for our scarce water resources and to facilitate their participation in the protection and management of these resources in an integrated manner. Responsible for developing the training manual for setting up a Water Quality Monitoring Programme (WQMP). Involved for 0.4 person-months. (Department of Water Affairs

(DWA)).

Surface Water Quality Impact Assessment for the proposed ferrochrome smelter located outside of the Brits industrial area (North West Province, South Africa) 11/2008 - 02/2011. *Project Scientist.* The project comprised the assessment of the surface water impacts associated with establishing a ferrochrome smelter, and the development of baseline and operational Water Quality Monitoring Programme. Responsible for the surface Water Quality Impact Assessment and developing the Water Quality Monitoring Programme. Involved for 0.5 person-months. (Quanto Environmental Solutions cc).

Environmental compliance audits of Eskom's Gourikwa and Atlantis gas turbine power stations (Western Cape Province, South Africa) 02/2008 - 11/2008. *Project Scientist.* The project entailed auditing the construction sites in terms of the Environmental Management Plan (EMP). Responsible for compliance auditing on a quarterly interval. Involved for 1 person-month. (Eskom).

Environmental Impact Assessment (EIA) and Environmental Management Plan (EMP) for the transmission lines for a conventional nuclear power station and associated infrastructure at the Bantamsklip site (Nuclear 1) (Western Cape Province, South Africa) 02/2008 - 11/2008. *Project Scientist.* The project involved undertaking the Environmental Impact Assessment (EIA) for the proposed transmission line from the Bantamsklip site. Assisted with the Specialist site visit for identifying possible routes and associated impacts for the transmission line. Involved for 0.2 person-months. (Eskom).

Environmental auditing of the construction of erosion control structures along the Jukskei River (Gauteng Province, South Africa) 11/2005 - 01/2008. *Environmental Auditor.* The project entailed undertaking bi-weekly audits during the construction phase and submitting environmental compliance reports to the client. Responsible for environmental auditing and the compilation of audit reports. Involved for 0.1 person-months. (Johannesburg Roads Agency (JRA)).

Evaluation of the Water Use Licence Application (WULA) for Palabora Mining Company (PMC), Twickenham Platinum Mine, Sasol Nitro, and Xstrata Alloys in terms of the National Water Act (NWA) (South Africa) 11/2005 - 01/2008. *Environmental Scientist.* The project entailed the assessment of Water Use Licence Applications (WULA) on behalf of the Department of Water Affairs (DWA). Assisted with the drafting of the water use licences in accordance with the National Water Act (Act 36 of 1998) and record of decision. Involved for 4 person-months. (Department of Water Affairs (DWA)).

Gautrain Rapid Rail Link (Gauteng Province, South Africa) 11/2005 - 01/2008. *Environmental Scientist.* The project involved a Water Use Licence Application (WULA) for the water use activities triggered by the Gautrain Rapid Rail Link. Assisted with the preparation of the technical report in support of the Water Use Licence Application. Involved for 1 person-month. (Gauteng Department of Public Transport, Roads and Works (GDPTRW)).

Gautrain Rapid Rail Link: diversion of a tributary of the Hennops River (Gauteng Province, South Africa) 11/2005 - 01/2008. *Environmental Scientist.* The project entailed applying for an amendment of the Gautrain Water Use Licence to include the proposed diversion of a tributary of the Hennops River. Assisted with the preparation of the technical report in support of Section 21 (i) and (c) water uses. Involved for 0.6 person-months. (Gauteng Department of Public Transport, Roads and Works (GDPTRW)).

Evaluation of the various Water Use Licence Applications (WULAs) in terms of the National Water Act (NWA) (South Africa) 11/2005 - 01/2008. *Environmental Scientist.* The project entailed the evaluation of Water Use Licence Applications (WULA) on behalf of the Department of Water Affairs (DWA). Assisted with the preparation of the water use licences in accordance with the National Water Act (Act 36 of 1998) and record of decision. Involved for 1 person-month. (Department of Water Affairs (DWA)).

Assessment of the Water Use Licence backlog and the evaluation of the various Water Use Licence Applications (WULAs) in terms of the National Water Act (NWA) (South Africa) 11/2005 - 01/2008. *Environmental Scientist.* The project entailed the assessment of Water Use Licence Applications (WULA) backlog to better understand the reasons for delays. Responsible for checking on the status of WULAs in Gauteng and in the Western Cape. Involved for 1 person-month. (Department of Water Affairs (DWA)).

The development of a reconciliation strategy for the Crocodile West Water Supply System: water quality assessment report (South Africa) 11/2005 - 01/2008. *Environmental Scientist.* This project involved developing a reconciliation strategy for the Crocodile West Water Supply System. Responsible for data analysis and preparing the water quality assessment report. Involved for 2 person-months. (Department of Water Affairs (DWA)).

Upgrading of the Khutsong Wastewater Treatment Works (WWTW) (Gauteng Province, South Africa) 11/2005 - 01/2008. *Environmental Scientist.* The project involved applying for environmental authorisation for the proposed upgrade of the Khutsong Wastewater Treatment Works (WWTW). Assisted with the compilation of the Environmental Impact Assessment (EIA) reports. Involved for 1 person-month. (Merafong City Local Municipality).

Construction of the Kokosi Wastewater Treatment Works (WWTW) (Gauteng Province, South Africa) 11/2005 - 01/2008. *Environmental Scientist.* The project involved applying for environmental authorisation for the proposed upgrade of the Kokosi Wastewater Treatment Works (WWTW). Assisted with the compilation of the Environmental Impact Assessment (EIA) reports. Involved for 1 person-month. (Merafong City Local Municipality).

Upgrade of the expansion of the Zeekoegat Wastewater Treatment Works (WWTW) (Gauteng Province, South Africa) 11/2005 - 01/2008. *Environmental Scientist.* The project involved applying for environmental authorisation for the proposed upgrade of the Zeekoegat Wastewater Treatment Works (WWTW) and applying for the Water Use Licence in terms of the National Water Act (NWA) (Act 36 of 1998). Assisted with the compilation of the Environmental Impact Assessment (EIA) reports. Involved for 1 person-month. (City of Tshwane).

Construction of the Wastewater Treatment Works (WWTW) for Nolukhanyo (South Africa) 11/2005 - 01/2008. *Environmental Scientist.* The project entailed applying for environmental authorisation for the proposed Nolukhanyo Wastewater Treatment Works (WWTW). Responsible for the Environmental Impact Assessment (EIA). Assisted with the compilation of the Environmental Impact Assessment (EIA) reports. Involved for 1 person-month. (Ndlambe Municipality).

Construction of the poultry facility for Bontsi Poultry (Gauteng Province, South Africa) 11/2005 - 01/2008. *Environmental Scientist.* The project involved applying for environmental authorisation for the proposed development of a poultry farm. Assisted with the compilation of the Environmental Impact Assessment (EIA) reports. Involved for 0.6 person-months. (Bontsi Poultry (Pty) Ltd).

Environmental Management Plan (EMP) and environmental auditing of the new Durban Stadium construction site for the duration of the construction period (KwaZulu-Natal Province, South Africa) 11/2005 - 01/2008. *Environmental Auditor.* The project entailed compiling of an Environmental Management Plan (EMP) and undertaking monthly audits. Responsible for compiling the EMP and compliance auditing on a monthly. Involved for 2 person-months. (Ibhola Lethu Consortium).

Education

2004 : MSc Water Resource Management, University of Pretoria, South Africa
2002 : Honours, University of Cape Town, South Africa
2001 : BSc Microbiology and Plant Pathology, University of KwaZulu-Natal, South Africa

Career enhancing courses

2012 : Project Management: Principles and Methods for Use in Business, University of Cape Town, South Africa
2012 : Project Management Course, Aurecon Project Support Office
2010 : Legal Training Course, Aurecon Group Legal Services
2010 : Climate Change and Integrated Water Resource Management (IWRM), University of the Western Cape, South Africa
2009 : Catchment Management Strategy Development for the Breede Water Management Area (WMA), FET Water
2007 : Environmental Law for Environmental Managers, North West University, Potchefstroom Campus
2006 : Environmental Impact Assessment (EIA): The National Environmental Management Act (NEMA), North West University, Potchefstroom Campus

Professional affiliations

Professional Natural Scientist, South African Council for Natural Scientific Professions (SACNSP)

Languages

	Reading	Writing	Speaking
English	Excellent	Excellent	Excellent
Afrikaans	Fair	Fair	Fair

Referees

Company	Contact Person	Telephone nr.
Mulilo Renewable Project Developments	John Cullum	+27 21 934 5278
Aurecon	Andries van der Merwe	+27 44 805 5427

CURRICULUM VITAE

PERSONAL DETAILS

NAME: Dudley Janeke
PROFESSION: Environmental Scientist
DATE OF BIRTH: 22 February 1970
PARENT COMPANY: D J Environmental Consultants
 Somerset West
POSITION IN FIRM: Chief Executive Officer
TELEPHONE: +27 21 8510900
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CELLPHONE: 082 211 4585
NATIONALITY: South African
LANGUAGE: English (fluent), Afrikaans (fluent)
COUNTRIES OF WORK: South Africa and Seychelles

EDUCATION:

TERTIARY EDUCATION: 1988 – 1992 University of the Western Cape – BSc (Ed)
 1995 – 1997 University of the Western Cape – BSc (Hons) Botany
 1997 University of Cape Town - Integrated Environmental Management
 (Short course)

PROFESSIONAL AFFILIATION:

Professional Membership: International Association of Impact Assessment (IAIA)

EXPERIENCE

Professional Experience:

Date	1993
Location	Strand
Company	Department of Education and Culture
Position	Teacher
Physical Science and Biology teacher at Senior Secondary School	

Date	1994 - 1997
Location	Bellville
Company	University of the Western Cape
Position	Senior Officer Academic Support
One of the course presenters of the Method of Physical Science, General Science (Physical Science) and General Science in the Higher Diploma in Education (Post Graduate) programme.	

Date	1997
Location	Bellville
Company	University of the Western Cape
Position	Researcher
Investigated the needs for greening in townships in the Western Cape under the auspices of the Environment and Education Resources Unit (EERU).	

Date	1997 to 1998
Location	Bellville
Company	University of the Western Cape
Position	Environmental Education Officer of Cape Flats Nature Reserve:
Involved in the management of the Cape Flats Nature reserve.	

Date	1998 to 1999
Location	Cape Town
Company	The Environmental Partnership
Position	Founding Director
Established an environmental consulting practise that provides a demonstratively professional service to clients committed to meeting the environmental obligations required in a newly democratic South Africa.	

Date	1999 to present
Location	Cape Town
Company	IBA environment SA (Pty) Ltd (Institut de Biotechnologie Appliquee)
Position	Director
IBA environment SA (Pty) Ltd has as its main aim the provision of non-toxic and biodegradable solutions, which will reduce the levels of pollution of the sea, lakes, rivers and underground waters in Southern Africa.	

Date	1999 - July 2004
Location	Cape Town
Company	Tshukudu Consulting Pty (Ltd)
Position	Managing Director
Tshukudu was formed to capitalise on opportunities in the built environment, which exist in South Africa's current political, social and economic reality.	

Date	2000 to July 2004
Location	Cape Town
Company	Tshukudu Environmental Services (Pty) Ltd
Position	Managing Director
Tshukudu Environmental Services has been formed by experienced professionals to address the urgent need for responsible and informed environmental management in the Southern African region.	
Date	2004 to date
Location	Somerset West
Company	DJ Environmental Consultants CC
Position	Owner
DJ Environmental Consultants is an established environmental consultancy, which has been formed by experienced professionals who aim to address the urgent need for responsible and informed environmental management and socio-economic development in the African region. Our company brings consolidation and unification in the sense that all professional disciplines must, at some stage, take environmental and socio-economic impact factors into account. This unifying force brings each discipline together to find realistic, economical and universally acceptable solutions to the challenges of building a developing nation.	

KEY PROJECTS:

- Situation Analysis for Waste Management for local authorities in the Western Cape
- Strategic Environmental Opportunities and Constraint Study - proposed Development Framework - Culemborg - Propnet
- Environmental Assessment for the construction of base stations for MTN in the Western Cape.
- Environmental Impact Assessment for the construction of an Abalone Farm in Hawston.
- Public Facilitation for Eskom's proposed Wind Energy Demonstration Facility in the Western Cape.
- Project coordination for 57 refurbishments nation wide – Caltex
- EIA for Princessvlei Shopping Centre Development in Grassypark – City of Cape Town
- Construction Environmental Management Plan – Hawston Abalone Farm
- EIA process for the establishment of a Mariculture Park - Hawston
- An initial EIA for Bos en Dal in the Helderberg basin.
- An initial EIA for Wildschutsbrand.
- An Environmental Management Plan for the Hermanus River Golf and Country Estate. This estate is situated at the edge of the Botriver lagoon.
- Environmental Control Officer for the Hermanus River Golf and Country Estate. This included Environmental Education and Training of contracting staff.
- Completed a job on the sensitivity of the environment of a road between Hermon and Riebeeck Kasteel for Bohlweki Environmental Services.
- Botanical survey for a sensitivity study for Airports Company of South Africa.
- Environmental Control Officer for Wildevoëllei Sewage Treatment Works in Kommetjie, which included Environmental Education and Training of contracting staff.
- Public participation process for the Vredenburg - Saldanha Road project in association with Stewart Scott consulting engineers.
- Public accountability for the road between Cape Flats railway line and Old Strandfontein Road in Ottery for South Peninsula Municipality in association with Stewart Scott consulting engineers.
- Represent the Community Action and Emergency Response (CAER) group for AECI Somerset West as a control officer for Human Health Impact Assessment.
- Involved with the public participation and initial Environmental Impact Assessment for the upgrade of an external stormwater drainage system in the village of Sir Lowry's Pass in association with Ecosense.
- Environmental review work for Myrtle Grove wine estate.
- Situation analysis on waste management for all the Local Authorities within the Western Cape – Department of Environmental and Cultural Affairs and Sport (DECAS).

- David Greybeard Primate Sanctuary – Sir Lowry's Pass, in association with the Jane Goodall Institute, South Africa.
- Milner Road Office Park Development
- Bilene Marcia Integrated Environmental Management Study – in association with the Khanimambo Foundation (Graca Machel), Africa Imbizo House – Mozambique
- AECI – Human Health Risk Assessment Peer Review.
- Princess Vlei Shopping Centre Development, Grassy Park – EIA and Public Participation
- Abalone Farming in Hawston – WESGRO & DBSA
- Bergriver Water Project - TCTA
- EIA for Eden Island residential development, Seychelles
- Public Participation, Bunga Drive, Cape Town
- Public Participation, Project Management and Specialist Environmental Management Input for the law reform project in the Western Cape.
- Investigation of socio-economic and environmental impacts of golf courses and polo fields in the Western Cape.
- Public engagement component for Saron Tourism Development Framework
- Public participation and initial Environmental Impact Assessment for the upgrade of an external stormwater drainage system in the village of Sir Lowry's Pass.
- Public participation and environmental review work and for Myrtle Grove wine estate.
- Public engagement strategy for the proposed development of approximately 4000 ha's in the Knysna area, South Africa
- Public Participation component of the Agulhas Tourism Development Framework.
- Public Participation for the Cape Town Tourism Development Framework
- Public Participation for the Bontebok National Park and Agulhas National Park, SANParks.
- Public Facilitation as part of a Phase 2 Heritage Impact Assessment of the Majestic and New Kings Hotel site.
- Public facilitation for the proposed establishment of a fuel retail outlet, Heather Heights, George.
- Public Participation Process for the establishment of a Conservation Management Plan for the Congo Caves.
- Public Participation Process for the proposed Vierfontein Development

- Independent Peer Review of the Environmental Impact Assessment undertaken for the proposed Roodefontein Golf Estate.
 - Evaluation of Consortium Bids for the upgrading of the National Roads (N2) on behalf of the South African National Roads association (SANRA).
 - Milner Road Office Park Development - Insight Property Developers & Bridgeport Properties.
 - Peer Review of a Human Health Risk Assessment Peer Review for the AECI Somerset West site.
 - Environmental Audits of Kristensen Ocean Front Restaurants, Cape Town
 - Tourism Human Resources Development Situational Analysis in the Western Cape
 - External Facilitation of the People and Parks Preparatory workshop.
 - Assisting in the establishment of Community Based Natural Resources Management forums/Liaison Committees in the eight Business Units of CapeNature.
 - SA City Network Coaching for Sustainable and Environmentally managed cities. A pilot study for cities of Johannesburg, Cape Town and Durban.
 - EIA for the Vergenoegd (Farm 653/15) development
 - EIA for the Vergenoegd Estate (Farm 653/12) development)
 - EIA for the St Helena Hills development
 - Cape west Coast Biosphere Reserve - Sustainable Development Plan
 - Development of Norms and Standards for the Department of Environmental Affairs and Development Planning
 - EIA for the Phillipi Station Upgrade
 - Strategic Environmental Assessment for the Integrated Rapid Transfer System for the City of Cape Town
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CURRICULUM VITAE

JUNAID MOOSAJEE

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junaid@enviropart.co.za

PERSONAL INFORMATION

Nationality: South African
Identity No.: 8304125298081
Date of birth: 12/04/1983
Status: HDI, AA Candidate
Driver's licence: Yes
Languages: English – speak fluently and read/write with high proficiency
Afrikaans – speak, read, and write with basic competence

CAREER HISTORY

DJ environmental Consultants
Environmental Practitioner **current**

The Environmental Partnership, Cape Town
Environmental Practitioner **September 2006 – September 2009**

My work falls under the Integrated Environmental Management policy and includes the compilation of Environmental Impact Assessments (basic and full), Strategic Environmental Assessments, Environmental auditing, Environmental Management Plans, Public Participation. Associated tasks also include report writing, managing specialists and project management of EIAs.

WORK EXPERIENCE

Environmental Practitioner involved in:

- EMS auditor for Chapman's Peak Drive operation - ongoing
- Scoping and full Assessment for the proposed extension of the Cape Town International Convention Centre- current
- Basic Assessment for a proposed cemetery extension. Client: Vygekraal Cemetery Board- current.
- Extensive public participation as part of an EIA for two residential developments catering for gap, affordable and land claim groups in Constantia. The project ceased after the first iteration of public participation. Client: PGWC - Property Management. Specialists involved are: Landscape architecture, urban design, planning, heritage, architecture, traffic and engineering.

- Scoping and full Assessment for a mixed use development proposed for an 83 hectare site in Blue Downs..
- Scoping and full Assessment for a proposed residential development with green building design elements and on-site wastewater treatment plant, Pinelands. Specialists involved are noise, architecture, geotechnical, traffic and urban design-Current
- Scoping and full Assessment for a land restitution claim in Bishopscourt. The aim is to relocate land claimants on a site which is intended for mixed used including residential, open space and heritage memory-Client: Provincial Government-project on hold.
- Scoping and full Assessment for the proposed sustainable neighbourhood at Oude Molen Village. This project has recently been initiated and the Scoping phase is expected to end late January 2008. The proponent is the Provincial Property Management Department-current
- A Strategic Environmental Assessment for a 470 hectare site in the Philippi Horticultural area. The proponent is RAPICORP Pty (Ltd). Specialists include botanist, fresh water ecologist, faunal specialist, planners, engineers, social impact assessors and a heritage specialist. -current
- Scoping and full Assessment for the proposed additional diesel generators. The proponent is ESKOM-Generation, 2007-current. -current
- Scoping and full Assessment for a package plant and light industrial development in Sarepta, Cape Town. The proponent is a private developer. Specialist studies that informed the assessment are a visual, heritage, botanical and air quality, 2007-current.
- A Basic Assessment Report for a mixed use development in Philippi, Cape Town. The proponent is a private developer. Specialists identified to date are botanical, heritage and traffic, 2007-current.
- Scoping and full Assessment for the proposed upgrade of Main Road 559 between Saldanha and Langebaan. The project proponent was the Department of Transport and Public Works. The EIA included a detailed environmental impact assessment process with extensive public participation. A number of specialist studies informed the assessment, including botanical, archaeological, heritage and transport, 2006.
- Scoping and full Assessment for a mixed use development on Berg River farm, Paarl. The proponent was the Drakenstein Municipality and the assessment was undertaken in 2006. Specialists that contributed to this EIA are botanical, visual, a floodline investigation, a heritage investigation and a social study, 2006.
- Four Basic Assessment Reports for the Drakenstein Municipality for the 'Upgrade of Informal Settlement Programme, 2007-current.
- A Basic Assessment Report on an elevated road, multistorey parkade and new terminal building at Cape Town International Airport. The proponent was Airports Company South Africa, 2006.
- Environmental Practitioner assisting with Public Participation for 2010 Green Point Stadium EIA. The proponent was the City of Cape Town, 2006.
- Bo-Kaap BAR-public participation, completed.
- Revision of Roggebaai Canal Tourism Precinct Environmental Management Plan, 2007, completed.

- Environmental Control Officer for the construction of two hotels, residential units and commercial units at the Roggebaai Canal Tourism Precinct. The proponent is Propnet, a subsidiary of Transnet, 2007-current.
- Ad hoc assistance with other projects

City of Cape Town

April 2006-September 2006

Contractual: Environmental Resource Management

I was involved with energy and climate change related projects. The Environmental Resource Management Department's flagship Energy and Climate Change Strategy was in the process of being implemented and helped to facilitate its implementation.

EDUCATION

Energy Research Centre, University of Cape Town **2006**

Short course

Related course work: Energy and Climate Change

University of Cape Town

Honours in Environmental & Geographical Science **2005**

Related course work: Environmental Impact Assessments, Environmental Management Plans, Strategic Environmental Assessments, Social Ecology, Environmental Law, Human-environment Relations, Responsible Tourism, Eco-tourism, Transfrontier Parks and Community Based Natural Resource Management.

University of Cape Town

B.Sc. in Environmental & Geographical Science & Ocean & Atmosphere Science **2004**

Related course work: Environmental Problems, Human Geography, Cities of the South, Physical Environmental Processes, Synoptic Climatology, Physical Oceanography, Coastal Oceanography and Ocean Circulation.

Athlone High School, Cape Town

1996 – 2000

Subjects: English (HG), Afrikaans (HG), Mathematics (SG), Biology (HG), Business Economics (HG), Geography (HG)

OTHER SKILLS

Project management

Highly computer literate (Microsoft suite)

Report writing and communication

Cartographic skills

Advanced administrative skills

CURRICULUM VITAE

PERSONNEL DJ ENVIRONMENTAL CONSULTANTS

NAME	Quinton Terhoven
DATE OF BIRTH	04 April 1970
NATIONALITY	South African
QUALIFICATIONS	BSc (1989–1993; UWC) BSc-Hons (1994–1994, UWC) HDE (P/G) (1995-1995, UWC) MSc (1996-2002, UWC)
PROFESSIONAL MEMBERSHIP	International Association for Impact Assessments
NAME & ADDRESS OF CURRENT EMPLOYER	DJ Environmental Consultants AECI Office Park Office Block 2 De Beers Road Extension Somerset West PostNet Suite 66 Private Bag X15 Somerset West 7130 Telephone: +27 21 851 0900 Fax: +27 21 851 0933 quinton@djec.co.za
DATE OF JOINING COMPANY	2006
CURRENT POSITION WITH COMPANY	Senior Environmental Scientist

SUMMARY OF EMPLOYMENT

Company	University of the Western Cape
Date	1994-1995
Location	Bellville
Position	Lecturer
Practical lecturer for the Dentistry 2 nd year students	

Company	Western Cape Education Department
Date	1996 – 2003
Location	Strand
Position	Head of Science and Mathematics Department
Teacher in Physical Science, Biology and Mathematics in the senior phase. Promoted in 1998 to Head of Department	

Company	Cape Academy for Mathematics, Science and Technology
Date	2004-2006
Location	Constantia
Position	Head of Department (Science)
Specialized teaching in science for learners gifted in science in the FET phase	

Company	DJ Environmental Consultants
Date	2006 – to date
Location	Somerset West
Position	Senior Environmental Scientist
Environmental Practitioner specialising in Integrated Environmental Management and Public Facilitation Processes	

KEY EXPERIENCE

- Administration Manager at DJ Environmental Consultants
- Facilitate Public Participation Process for the establishment of the Conservation Management Plan for the Cango Caves
- Public Participation in the proposed Kurland development in Plettenberg Bay
- Public Participation for the proposed Vierfontein development
- Public Participation in the proposed Uitzicht development in Knysna
- Environmental Control Officer for the Riverton Mews residential development
- Environmental Control Officer for the Norwood Gardens residential development
- Drafting of EMP for Sand Mining Permits
- Facilitator for the People & Parks Preparatory workshops for the National Conference
- Project facilitator for the establishment of CBNRM forums/Liaison Committee in the different Business Units of CapeNature
- EIA for the proposed Vergenoegd Business Park (farm 653/15) development
- EIA for the proposed St Helena Hills development
- EIA for the proposed Vergenoegd Estate Development
- EIA for the Phillipi Station Upgrade project
- Public Participation Process for the Human Development Project on the Driftsands Nature Reserve
- EIA for the proposed development on the Crammix Property
- EIA for the proposed De Zalze Winelands and Golf Estate Southern Extension
- Basic Assessment Process for the proposed low cost housing development in Temperance Town, Gordon's Bay
- Skills Audit for the Thornhill community in the Eastern Cape
- Review of Basic Assessment Process for the erection of wind measuring masts in Worcester, De Aar, Springbok and Namaqualand
- Review of the Scoping and EIA Process for the proposed wind farms in Worcester, De Aar, Springbok and Namaqualand
- Review of the Scoping and EIA Process for the proposed photovoltaic plant in De Aar and Prieska in the Northern Cape
- Review of the Scoping and EIA Process for the proposed concentrating solar panel plant in Prieska in the Northern Cape

LANGUAGE PROFICIENCY

LANGUAGE	SPEAK	READ	WRITE
Afrikaans	Excellent	Excellent	Excellent
English	Good	Good	Good

COURSES/SEMINARS ATTENDED

SEMINARS:

"Effect of cancer on host's metabolism" 1993, - University of the Western Cape, Bellville, South Africa

"Effect of CaNT tumours on the baseline respiration and body weight of CBA mice". 1993 - University of the Western Cape, Bellville, South Africa

"Effect of CaNT tumours on the baseline respiration of CBA mice" 1993. University of the Western Cape, Bellville, South Africa

"The effect of Gossypol on the epididymus, testis and fertility of male CBA mice and male Wistar rats". 2002, University of the Western Cape, Bellville, South Africa

"Commercial Utilization of Renewable Energies". 2008 – Munich, Germany.

COURSES:

Environmental Impact Assessments and Strategic Environmental Assessments presented by CSIR, 2006 – University of Stellenbosch