

CURRICULUM VITAE

Rebecca Thomas

Name	Rebecca Thomas
Profession	Senior Environmental Consultant
Name of Firm	SiVEST SA (Pty) Ltd
Present Appointment	Senior Environmental Scientist
Years with Firm	2 Months
Date of Birth	21 July 1981
ID No.	8107210457086
Nationality	South African



Education

University of Witwatersrand
Wits Business School

Professional Qualifications

Bachelor of Science (Environmental Science): University of Witwatersrand, 2002
Postgraduate Diploma in Business Management (PDM): Wits Business School, 2011
GIBB's Project Leadership Programme, 2010

Employment Record

Oct 2009 – Apr 2012	Arcus GIBB (Pty) Ltd – Johannesburg Regional Coordinator and Senior Environmental Scientist. Responsible for leading and providing scientific services for a range of environmental projects including EIAs, environmental planning, environmental feasibility studies, and environmental fatal flaw assessments.
2008 - 2009	Parsons Brinkerhoff Africa (Pty) Ltd Environmental Team Leader Environmental Team Leader responsible for various EIAs for the development of numerous energy related projects within South Africa and Botswana, namely coal-fired power stations and electrical transmission power lines. Tasks included client liaison, financial, programme and staff management and managing and contributing to the drafting of Environmental Impact Reports.
2004 - 2008	Bohlweki Environmental/SSI Engineers and Environmental Consultants Environmental Consultant An environmental consultant active in Environmental Impact Assessments, Environmental Monitoring, Environmental Management Programmes and Environmental Management Systems

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Language Proficiency

LANGUAGE	SPEAK	READ	WRITE
English	Fluent	Fluent	Fluent
Afrikaans	Fair	Good	Fair

Key Experience

Rebecca is an Environmental Scientist with 8 years experience. She specialises in the overall management and compilation of Environmental Impact Assessments (EIAs) and Environmental Management Programmes (EMPs) primarily related to energy generation and electrical transmission projects. She furthermore has been involved in undertaking and managing Public Participation Processes, Consultation, Environmental Scans and Fatal Flaw / Feasibility Studies and independent review of environmental projects. Some of the projects she has worked on recently include EIAs for the proposed 300 MW Caledon Wind Farm, proposed 30 MW Wind Farm at St. Helena Bay and the Bantamsklip 400 kV Transmission Power Lines all within the Western Cape Province. She was also recently appointed as one of the advisors in strategic environmental matters for ACSA. Rebecca has also completed a Post Graduate Diploma in Business Management (PDM), with the aim of bringing business and project management skills to her projects and division as a whole. From a business administration side, Rebecca is keenly involved in the financial performance, workload and resource planning, quality management and proposal administration for the Johannesburg Environmental Division.

Internationally, Rebecca has work experience in the following countries:

- Botswana
- Tanzania
- Morocco
- Netherlands

Projects Experience

ENVIRONMENTAL MANAGEMENT AND IMPACT ASSESSMENT

Responsible for managing the client and a consulting team to ensure that the EIA process was implemented correctly, on schedule and within budget, the EIA process includes applications, baseline assessments and EIA reports.

- EIA and EMP for the proposed South African Nuclear Energy Corporation (Necsa) Dedicated Isotope Production Reactor (DIPR) at the Pelindaba Site near Hartebeespoort in the North West Province. The EIA includes the scoping process and detailed environmental impact assessment. The project includes detailed specialist studies such as social, visual and air quality as well as a full public participation process. Senior scientist and project leader. Necsa, September 2011 - current
- Environmental advisory services and permitting process for the Medupi Power Station in Lephalale, Limpopo Province. The project includes extension of borrow pit permits, applications for new borrow pit permits, clarification and justification for the need of waste, water and NEMA permitting requirements, as well as the development of a sustainability strategy for the short, medium and long term construction and operation phases of the power station. Senior scientist and project leader. Eskom Generation, September 2011 - current
- EIA for the proposed 25 MW Community Wind Farm in St Helena Bay, Western Cape Province. The EIA includes the scoping process and detailed environmental impact assessment. The project includes detailed specialist studies such as social, visual and biophysical as well as a full public participation process. Senior scientist and project leader. Just Energy, October 2010 – February 2012.

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- EIA for the proposed 300 MW Caledon Wind Farm, Western Cape Province. The EIA includes the scoping process and detailed environmental impact assessment. The project includes detailed specialist studies such as social, visual and biophysical as well as a full public participation process. Senior scientist and project leader. Caledon Wind, 2010 - current
- Environmental Screening Studies for the PRASA Rail Upgrade Project – Maintenance Depots and Staging Yards – 21 sites across Gauteng, Western Cape and KwaZulu Natal Provinces. Environmental Project Leader and Reviewer. VelaVKE. February 2012.
- Environmental advisory services and environmental planning for the ACSA OR Tambo International Airport Midfield Development Project. The project includes review of existing Environmental Authorisations for recommencement of works put on hold, strategic planning for future EIA requirements, including an overall communication strategy to be adopted by ACSA. Senior Environmental Scientist. Airports Company South Africa (ACSA). 2009 – current.
- Basic Assessment (BA) for the proposed PPC Dwaalboom Boiler Ash Storage Facility. This BA includes the compilation of a Basic Assessment Report and application, public consultation process and environmental management plan for submission to the Department of Environmental Affairs (DEA). Senior scientist and project leader. PPC, 2010
- Basic Assessment (BA) for the proposed Ekurhuleni Nyoni Regional Park upgrade in Vosloorus, Gauteng Province. This BA includes the compilation of a Basic Assessment Report and application, public consultation process and environmental management plan for submission to the Gauteng Department of Agricultural and Rural Development (G DARD). Senior scientist and project leader. Ekurhuleni Metropolitan Municipality, 2010
- EIA for the proposed reclamation and treatment of Gaborone (Botswana) wastewater for potable use, this study involved a number of specialist studies and extensive public consultation. Senior scientist. Water Utilities Corporation (WUC), 2010
- Senior scientist for three EIAs for the Botswana Water Utilities Corporation (WUC). The EIAs are for the upgrading of the Sowa, Jwaneng and Lobatse Water Supply Master Plans. These EIAs are located throughout Botswana and for each includes a detailed scoping and public consultation process, compilation of an environmental management plan and undertaking of identified detailed specialist studies required for the Department of Environmental Affairs decision making, namely visual and heritage studies. Senior scientist. Water Utilities Corporation (WUC), 2010
- Environmental Screening Study for the proposed co-generation plant to be established at Saldanha Mittal, Western Cape Province. This study included the identification of environmental fatal flaws and licenses required in terms of the proposed project as well as providing a plan indicating how to proceed with the project. Senior scientist and project leader. Exxaro, 2010
- Environmental Screening Study for the Robertson Community Wind Farm for Just Energy, Western Cape Province. This study included the identification of environmental fatal flaws and licenses required in terms of the proposed project as well as providing a plan indicating how to proceed with the project. Senior scientist and project leader. Just Energy, 2010
- EIA and EMP for the proposed transmission lines (Bantamsklip – Kappa 765 kV and Bantamsklip – Bacchus, Bacchus - Kappa and Bacchus – Muldersvlei 400 kV) for a conventional nuclear power station and associated infrastructure at the Bantamsklip site in the Western Cape (Nuclear 1). The project proponent is the Transmission Division of Eskom Holdings Limited. The EIA includes the screening and selection of suitable corridors, as well as a scoping process and detailed environmental impact assessment. The project includes detailed specialist studies, including social, economic, visual and biophysical, EIA process, public consultation and legal. Senior scientist and project leader. Eskom Transmission, 2009 ongoing

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- Powerline walkdown assessment and environmental management plan for the Eskom Watershed Mmabatho 132 kV transmission line, North West Province. Senior scientist and project leader. Eskom Distribution, 2010
- EIA for the proposed Mulilo Coal Fired Power Station and associated transmission lines near Musina, Limpopo Province. Environmental project co-ordinator. Mulilo Power, 2008 – 2009
- Environmental Fatal Flaws Analysis for the proposed Sekoko Coal Fired Power Station and associated transmission lines near Lephalale, Limpopo Province. Senior scientist. Sekoko Resources, 2009
- Environmental Fatal Flaws Analysis for the proposed Mulilo Coal Fired Power Station and associated transmission lines near Musina, Limpopo Province. Senior scientist. Mulilo Power, 2009
- EIA for the proposed Mmamantswe Coal Fired Power Station, associated transmission lines and coal mine, Kgatleng District, Botswana. Senior scientist and project leader. Aviva Corporation, 2008 – 2009
- Environmental Fatal Flaws Analysis for five proposed Investec Wind Farm sites within the Northern Cape Province. Project leader. Investec, 2008
- EIA for the proposed Upgrade of the Metal Recovery Crushing and Screening Plant at the ArcelorMittal Vanderbijlpark Works, Gauteng Province. Project leader. ArcelorMittal, 2008
- EIA for the proposed extension of the hydra substation and the proposed construction of a new 765 kV transmission power line between the Hydra and Gamma Substations, Northern Cape Province. Environmental scientist. Eskom Transmission, 2007 – 2008
- EIA for the proposed Mercury – Garona 400 kV transmission power line, traversing the Free State, North West and Northern Cape Province. Environmental scientist. Eskom Transmission, 2007 – 2008
- EIA for the proposed Atlantis OCGT Power Station and associated 400 kV power lines, Western Cape Province. Environmental scientist. Eskom Transmission, 2007 – 2008
- Environmental Scoping Study for the proposed 132 kV sub transmission line from Mayfern Traction Substation to Delta Substation in Nelspruit, Mpumalanga Province. Environmental scientist. Eskom Distribution, 2006 - 2007
- Environmental Scoping Study for the proposed 132 kV sub transmission line between Witkloof Substation and the proposed new Thuli Substation, Carolina, Mpumalanga Province. Environmental scientist. Eskom Distribution, 2006 - 2007
- Environmental Scoping Study for the proposed 132 kV sub transmission line from Kabokweni Substation to the proposed new Hlau Hlau Substation, Mpumalanga Province. Environmental scientist. Eskom Distribution, 2006 - 2007
- Environmental Scoping Study for the proposed 132 kV sub transmission line from Kiepersol Substation to Hazyview Traction Substation and upgrading of Kiepersol Substation, Mpumalanga Province. Environmental scientist. Eskom Distribution, 2005 - 2007
- Environmental Scoping Study for the proposed 132 kV sub transmission lines and proposed new substation to Zandfontein, Mpumalanga Province. Environmental scientist. Eskom Distribution, 2005 - 2006

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STAND ALONE ENVIRONMENTAL MANAGEMENT PLANS / PROGRAMMES

Project management, management of specialist's and compilation of the following projects included:

- Environmental Management Programme and Environmental Control Officer services for the Orange Farm Roads Upgrade Project, Gauteng Province. Senior Environmental Scientist and ECO. Current
- Environmental Control Officer services for the Driezek Housing Upgrade Project, Gauteng Province. ECO. 2011
- Environmental Management Plan for the Morupule B - Phokoje 400 kV Transmission line, Botswana. Project leader. Botswana Power Corporation (BPC), 2008
- Environmental Management Plan for the proposed Phase 1 and 2 developments of the Gardner Ross Golf and Country Estate project, integrating the current Environmental Management Plan in place for phase 1. Environmental Scientist. Gardener Ross, 2005 - 2006

AIR QUALITY IMPACT ASSESSMENT

Involved with the Air Quality Impact Assessments and Dispersion Modelling for the following projects:

- Air Quality Impact Assessment for the proposed Zimplats Smelter expansion, Harare, Zimbabwe. Air quality specialist. Zimplats, 2007
- Air Quality Impact Assessment for the proposed Majuba Combined Cycle Gas Turbine (CCGT) Power Station, Mpumalanga Province. Air quality specialist. Eskom Generation, 2007

SPECIALIST STUDIES

Various specialist study projects, responsible for the project management and day-to-day co-ordination of the following projects, to ensure timeous collection of information and submission of required deliverables:

- Independent Review of the Burnstone Gold Mine Environmental Impact Assessment and Environmental Management Plans, in accordance with the Equator Principles, Mpumalanga Province. Project leader. Snowden, 2008
- Visual Impact Assessment Report for Robinson Deep Landfill, Gauteng Province. Environmental scientist. Pikitup, 2006
- Identification and Compilation of Transwerk Germiston Environmental Aspects and Impacts Register, Germiston, Gauteng Province. Environmental scientist. Transwerk, 2006
- Compilation of CTMM Noise Zoning Report for Regions 1 – 8, Gauteng Province. Environmental scientist. CTMM, 2005
- Water License Applications for New Mining Operations at the Holcim South Africa Dudfield Plant, North West Province. Environmental scientist. Holcim, 2005 – 2006
- Exemption Application and Public Participation Process for the Vaal VRESAP 88 kV Distribution line and new VRESAP Substation. Environmental scientist and project leader, 2006

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PUBLIC PARTICIPATION PROCESS

Responsible for the co-ordination of the Public Participation Process, involving the compilation of Public Participation documentation, arranging and co-ordinating public meetings, management of Interested and Affected Party (I&AP) database's and day-to-day solicitation of comments and responses to and from I&APs. Projects included:

- Public Consultation Process for the Development of the Mbombela Precinct Plans for the Mbombela Local Municipality. Public Consultation Practitioner, 2011.
- SANParks National Database for the Environmental Management Plans for selective National Parks. Public participation consultant. SANParks, 2004

INTERNATIONAL EXPERIENCE

Internationally has provided consulting services on the following projects:

- Various energy related projects, Gaborone, Botswana. Environmental Consultant, 2008 – 2011
- Environmental Inception Report for Dar-es-Salaam International Airport (DIA) and the Tanzanian Airport Authority (TAA). Identification of Environmental Impacts, Gap Analysis of existing infrastructure in Dar-es-Salaam and future requirements of the city, inclusive of water and sewage management facilities. Environmental consultant. TAA, 2007
- GIS Mapping and Conservation Management for a Private Game Reserve near Rabat, Morocco. Looking at wildlife management, rehabilitation and renovation of the property as well as game management. Environmental consultant. Confidential, 2007
- Presentation on South African Public-Private Partnership and Environmental Impact Assessment at the Partners for Roads International Conference on Roads and Regional Development, Prague, Czech Republic, 2007
- Three months knowledge exchange and working experience with Bohlweki Environmental Association Company, DHV, in the Netherlands from September 2007 to December 2007