

Tanya Speyers

Environmental Scientist



Profession Environmental Scientist

Education BSc, Hons, Environmental Geography, Nelson Mandela Metropolitan University, 2011
BSc, Geology and Geography, Nelson Mandela Metropolitan University, 2010

**Registrations/
Affiliations** None

Specialisation Basic assessments, environmental impact assessments, waste license applications, water use license applications, environmental auditing

Expertise Tanya Speyers's experience includes:

- environmental basic assessments;
- environmental impact assessments;
- waste license applications;
- water use license applications;
- environmental auditing

Employment

2012 – present SRK Consulting (Pty) Ltd, Environmental Scientist (Consultant), Port Elizabeth

Publications None

Languages English – read, write, speak (Excellent)
Afrikaans – read, write, speak (Good)

Key Experience: Environmental Impact Assessments

Location: Victoria West, Northern Cape
 Project duration & year: 2012
 Client: AF-Rom Energy Pty Ltd
 Name of Project: Environmental Impact Assessment for the proposed Dobbin 75 MW Solar Facility
 Project Description: Environmental Impact Assessment comparing two alternative Solar Panel Layouts
 Job Title and Duties: Assistance with compilation of EIA reports
 Value of Project: R400,000

Location: Cradock, Eastern Cape
 Project duration & year: 2012
 Client: AF-Rom Energy Pty Ltd
 Name of Project: Environmental Impact Assessment for the proposed Brakpoort 75 MW Solar Facility
 Project Description: Environmental Impact Assessment comparing two alternative Solar Panel Layouts
 Job Title and Duties: Assistance with compilation of EIA reports
 Value of Project: R400,000

Location: Port Elizabeth
 Project duration & year: 2010-2012
 Client: MetroWind
 Name of Project: The MetroWind Van Stadens Wind Farm
 Project Description: EIA for a 27 MW Wind Farm in the Nelson Mandela Bay Area, Eastern Cape Province
 Job Title and Duties: Liaison with environmental authorities
 Value of Project: R 1,400,000

Location: Humansdorp Eastern Cape
 Project duration & year: March 2013 - 2014
 Client: Woodlands Dairy
 Name of Project: Proposed Woodlands Dairy Resource Recovery Plant
 Project Description: Assessment of a proposed Resource Recovery Plant to recover waste water
 Job Title and Duties: Compilation of waste licence application and Environmental Impact Assessment
 Value of Project: R400,000

Location: Walmer, Port Elizabeth
 Project duration & year: July 2014 - present
 Client: Nelson Mandela Bay Municipality
 Name of Project: Walmer Gqebera Low-cost housing Development
 Project Description: The development of a residential site in Walmer in order to cater for the overflow of residents in Walmer Gqebera
 Job Title and Duties: Environmental Assessment Coordinator, Compilation of the environmental assessment reports
 Value of Project: R180,000

Location: Coega Industrial Development Zone
 Project duration & year: 12 months, 2016
 Client: Coega Development Corporation
 Name of Project: Coega Gas to Power Project
 Project Description: Environmental Impact Assessment and Air Emission License application for 4500 MW Combined Cycle Gas Turbine Project, including regasification unit.
 Job Title and Duties: Environmental Assessment Coordinator, Compilation of the environmental assessment reports
 Value of Project: R 800,000

Location: Seaview, Port Elizabeth
 Project duration & year: November 2010 - current
 Client: Nelson Mandela Bay Municipality
 Name of Project: Seaview Housing EIA
 Project Description: Site suitability screening and EIA for the development of a low cost housing development and associated infrastructure.
 Job Title and Duties: Project coordinator, compilation of the EIA reports and EMP
 Value of Project: R500,000

Location: Groot Winterhoek Mountains, Eastern Cape
 Project duration & year: 2014-2017
 Client: Inyanda Energy projects (Pty) Ltd
 Name of Project: Inyanda - Roodeplaat Wind Energy Facility
 Project Description: Development of a 187 MW wind energy facility
 Job Title and Duties: Environmental Assessment Coordinator – Compilation of EIA report, liaise with specialists
 Value of Project: R1 800,000

Location: Coega IDZ
 Project duration & year: 2015- ongoing
 Client: Coega Development Corporation
 Name of Project: Coega Gas to Power Plant
 Project Description: The development of gas to power facilities within the Coega IDZ
 Job Title and Duties: Project Coordinator – Compilation of EIA reports
 Value of Project: -

Key Experience: Basic Assessments

Location: Markman industrial area, Port Elizabeth
 Project duration & year: 2012 - 2013
 Client: Newco
 Name of Project: Newco Tyre Recycling Development
 Project Description: Assessment for a proposed waste tyre recycling facility
 Job Title and Duties: Liaison with client and environmental authorities; project co-ordination; compilation of Basic Assessment report
 Value of Project: R 90,000

Location: Between Graaff-Reinet and Cradock
 Project duration & year: 2011 - 2012
 Client: SANRAL
 Name of Project: Proposed Upgrade of the Route 61, Section 2: Draairivier to Elinus Farm between Graaff-Reinet and Cradock
 Project Description: The rehabilitation and upgrade of the R61/2 between Graaff-Reinet and Cradock to provide a 20 year design life and to bring it up to National Roads Standards
 Job Title and Duties: Assistance with Draft and Final Basic Assessment Reports, Mining EMP
 Value of Project: R 90,000

Location: Neave Township, Port Elizabeth
 Project duration & year: 2013
 Client: Kansai Plascon
 Name of Project: Replacement of Underground Storage tanks at Kansai Plascon
 Project Description: Replacement of Underground Storage Tanks for storage of solvents
 Job Title and Duties: Compilation of Basic Assessment Reports
 Value of Project: R 70,000

Location: Walmer, Port Elizabeth
 Project duration & year: 2012-2013
 Client: Airports Company South Africa

Name of Project: Proposed PE Airport Stormwater Upgrade
 Project Description: Assessment of the upgrade of the storm water outfall system servicing the Port Elizabeth Airport runways and surrounding area.
 Job Title and Duties: Compilation of Basic Assessment Report
 Value of Project: R135,000

Location: Port Elizabeth, Eastern Cape
 Project duration & year: 2014
 Client: Airports Company South Africa
 Name of Project: Port Elizabeth Airport Runway End Safety Area and Strip Compliance
 Project Description: Environmental Assessment for the Extension of the Runway End Safety Area to comply with the recommendations of the International Civil Aviation Authority
 Job Title and Duties: Environmental Assessment Coordinator, Compilation of the environmental assessment reports
 Value of Project: R 140,000

Location: Cookhouse, Eastern Cape
 Project duration & year: April 2014 - 2015
 Client: Blue Crane Route Municipality
 Name of Project: Cookhouse WWTW Extension
 Project Description: Extension of the Wastewater Treatment Works in the town of Cookhouse
 Job Title and Duties: Compilation of Basic Assessment Report and WULA
 Value of Project: R 70,000

Location: Summerstrand, Port Elizabeth
 Project duration & year: December 2014 - present
 Client: MGC Express
 Name of Project: Marine Drive Development
 Project Description: The construction of a multi storeyed apartment building along the Port Elizabeth beachfront
 Job Title and Duties: Environmental Assessment Coordinator, Compilation of the environmental assessment reports, Environmental Control Officer
 Value of Project: -

Location: New Brighton, Port Elizabeth
 Project duration & year: 2017-2018
 Client: Caltex Eastern Cape Marketer
 Name of Project: George's Motors – Decommissioning of Fuel Tanks
 Project Description: Basic Assessment for the decommissioning of fuel tanks at Georges Motors, Eastern Cape
 Job Title and Duties: Liaison with client and environmental authorities; project co-ordination; compilation of Basic Assessment report
 Value of Project: R170, 000

Location: Addo, Eastern Cape
 Project duration & year: 2017 - ongoing
 Client: Sundays River Valley Municipality
 Name of Project: Valencia Water Supply Upgrade
 Project Description: Upgrade of the water supply to Valencia Township in Addo as part of the Addo Water Supply Upgrade Project
 Job Title and Duties: Liaison with client and environmental authorities; project co-ordination; compilation of Basic Assessment report, WULA
 Value of Project: R150,000

Location: Bethelsdorp, Port Elizabeth
 Project duration & year: 2017 - ongoing
 Client: Nelson Mandela Bay Municipality
 Name of Project: Bethelsdorp Ext 30, 34 & 36
 Project Description: Basic Assessment for environmental services associated with the construction of roads, stormwater, sewer and water reticulation in Bethelsdorp

Job Title and Duties: Liaison with client and environmental authorities; project co-ordination; compilation of Basic Assessment report
 Value of Project: R130, 000

Key Experience: Waste License Applications

Location: Markman industrial area, Port Elizabeth
 Project duration & year: 2012 - 2013
 Client: Newco
 Name of Project: Newco Tyre Recycling Development
 Project Description: Assessment for a proposed waste tyre recycling facility

Job Title and Duties: Compilation of waste licence application
 Value of Project: R90,000

Location: Humansdorp Eastern Cape
 Project duration & year: March 2013 - 2014
 Client: Woodlands Dairy
 Name of Project: Proposed Woodlands Dairy Resource Recovery Plant
 Project Description: Assessment of a proposed Resource Recovery Plant to recover waste water
 Job Title and Duties: Compilation of waste licence application
 Value of Project: R140,000

Key Experience: Water Use License Applications (WULA)

Location: Between Graaff-Reinet and Cradock
 Project duration & year: 2011 - 2012
 Client: SANRAL
 Name of Project: Proposed Upgrade of the Route 61, Section 2: Draairivier to Elinus Farm between Graaff-Reinet and Cradock
 Project Description: Assessment of the rehabilitation and widening of the Route 61, Section 2 road reserve
 Job Title and Duties: Compilation of Water Use Licence Applications
 Value of Project: R 90,000

Location: Between Mthatha and Port St Johns
 Project duration & year: 2011-2013
 Client: SANRAL
 Name of Project: Proposed Rehabilitation of the Route 61, Section 8 from Majola Tea to Tombo
 Project Description: Assessment of the rehabilitation and widening of the Route 61, Section 8 road reserve
 Job Title and Duties: Compilation of Water Use Licence Applications
 Value of Project: R330,000

Location: Walmer, Port Elizabeth
 Project duration & year: 2013-2014
 Client: Airports Company South Africa (ACSA)
 Name of Project: PE Airports Stormwater Upgrade
 Project Description: Assessment of the upgrade of the storm water outfall system servicing the Port Elizabeth Airport runways and surrounding area.
 Job Title and Duties: Compilation of Water Use Licence Applications
 Value of Project: R70,000

Location: Port Elizabeth
 Project duration & year: 2011-present
 Client: Nelson Mandela Bay Municipality
 Name of Project: Jachtlakte Precinct Sustainable Human Settlement
 Project Description: EIA for the Mixed-use housing, commercial and industrial development at Jachtlakte, Nelson Mandela Bay

Job Title and Duties: Compilation of WULA document for the proposed development.
Value of Project: R750,000

Key Experience: Environmental Management Programmes

Location: Camdeboo Local Municipality
Project duration & year: 2013-2014
Client: Department of Roads and Public Works
Name of Project: Environmental Management Programmes for existing gravel Borrow Pits in the Camdeboo Region
Project Description: Assessment of borrow pit sites and application for authorisation from the Department of Mineral Resources
Job Title and Duties: Compilation of Environmental Management Programme to gain authorisation for several borrow pits.
Value of Project: R500,000

Location: Eastern Cape
Project duration & year: 2017
Client: Sakhiwo Facility Maintenance Consortium
Name of Project: Health Facilities Refurbishment & Maintenance WWTW
Project Description: Environmental services for the upgrade of water and sanitation facilities at five hospitals within the Eastern Cape.
Job Title and Duties: Determine the legal environmental requirements for the proposed upgrades. Compile EMPr's for three of the hospitals
Value of Project:

Key Experience: Water Quality Monitoring Protocols

Location: Port Elizabeth
Project duration & year: 2013
Client: Nelson Mandela Bay Municipality
Name of Project: NMBM Water Quality
Project Description: Assessment of the municipality's rivers
Job Title and Duties: Preparation of monitoring protocols for the Papenkuils, Baakens, Shark and Hume Rivers
Value of Project: -

Key Experience: Environmental Auditing

Location: Coega, Eastern Cape
Project duration & year: 2014 - 2015
Client: Afrox
Name of Project: Afrox Air Separation Unit ECO
Project Description: Construction of an air separation plant in the Coega IDZ
Job Title and Duties: Monitoring construction of the Air Separation Plant, compiling monthly audit reports and liaising with the contractors, clients and CDC.
Value of Project: R450,000

Location: Eastern Cape
Project duration & year: March 2015 - present
Client: Nelson Mandela Bay Municipality
Name of Project: Nooitgedagt Low Level Water Supply Scheme (NCLLS)
Project Description: Construction works at the Nooitgedagt Water Treatment Works and Olifantskop and refurbishment of the NCLLS pipeline.
Job Title and Duties: Site inspections of construction activities and compilation of audit reports for Phase 2 and Phase 3 of the NCLLS
Value of Project: -

Location: Graaff-Reinet
Project duration & year: 2015
Client: Camdeboo Municipality
Name of Project: Kroonvale Soccer Field

Project Description: Construction of a soccer field for the community of Kroonvale in Graaff-Reinet
 Job Title and Duties: Monthly site inspections and compilation of audit reports for Phase 2 of construction
 Value of Project: -

Location: Somerset East
 Project duration & year: 2015 - present
 Client: Eastern Cape Department of Roads and Public Works
 Name of Project: BCRM Bridge Repairs ECO
 Project Description: The reconstruction of a low-level crossing along the DR 2590
 Job Title and Duties: Monthly site inspections and feedback, compilation of pre-construction and close out audit reports.
 Value of Project: R160,000

Location: Port Elizabeth
 Project duration & year: 2017- ongoing
 Client: MGC Express
 Name of Project: Marine Drive Apartment Development
 Project Description: Construction of high rise apartment building
 Job Title and Duties: Twice monthly site inspections and compilation of monthly audit reports
 Value of Project:

Key Experience: Amendment Applications

Location: Victoria West, Northern Cape
 Project duration & year: 2018
 Client: Afri-Coast Consulting
 Name of Project: Brakpoort Solar Amendment
 Project Description: Amendment of Environmental Authorisation
 Job Title and Duties: Apply to DEA for extension of EA time period
 Value of Project: