

TANIA OOSTHUIZEN (Pr.Sci.Nat.)

SENIOR ENVIRONMENTAL SCIENTIST

Tania Oosthuizen is a Senior Environmental Scientist in the Rivonia Office. She has 16 years' experience. She is professionally registered in South Africa with the Council for Natural Scientific Professions (SACNASP) and the Environmental Assessment Practitioners of South Africa (EAPASA). She is also professionally registered with the Environmental Assessment Professionals of Namibia (EAPAN). Tania holds a master's degree in Environmental Management from the North-West University (cum laude). She gained considerable experience over the years in managing complex environmental authorisation projects in Southern Africa to national and international standards.



REGISTRATIONS / CERTIFICATIONS

- Registered Environmental Assessment Practitioners of South Africa (EAPASA), Member No 2020/1305
- Professional Natural Scientist with the South African Council for Natural Scientific Professions (SACNASP), Member No 114500
- Environmental Assessment Professionals of Namibia (EAPAN).

SPECIFIC RELEVANT EXPERIENCE

- **Bakubung Platinum Mine (2020)** - Environmental Authorisation and Waste Management Licence Amendment application as well as IWULA and IWWMP for operational mine in North West.
- **Wessels Mine (2018 – 2020)** – IWULA and IWWMP for additional water uses at operational manganese mine in Northern Cape.
- **Lower Maguga (2019)** – Undertook a Scoping phase study for a new hydropower station in Eswatini. Study included baseline specialist studies and an extensive public participation process.
- **Meob Bay Tourism Development (2019)** – Undertook an EIA for a proposed tourism development in Namibia. Process included specialist studies and public participation.
- **Lesedi Power Project (2018)** – Undertook WULA and EMP update for a solar power project in the Northern Cape.
- **Redstone Solar Project (2018)** – Undertook IWWMP and various other water management plans for Solar Project in Northern Cape.
- **Kendal 30-year Ash Disposal Facility (2013 – 2017)** – Environmental authorisation processes (EIA, WMLA and IWULA) for the new 30-year Ash Disposal Facility (ADF) at Kendal Power Station near Ogies in Mpumalanga.
- **Camden New Ash Disposal Facility (2014 – 2016)** - Environmental authorisation processes (EIA, WMLA and IWULA) for the new ADF at Camden Power Station near Ermelo in Mpumalanga.
- **Wallmannsthal Fluorspar Mine, Gauteng, South Africa (2012 – 2013)** - Environmental authorization processes (EIA, EMPR, IWULA, IWWMP and waste license) for a greenfields fluorspar mine in Gauteng.
- **Burnstone Gold Mine, Mpumalanga (2009 – 2011)** - EIA, EMPR update, and IWULA update for proposed expansions to the mine.

WORK HISTORY

Company Name	Position	Dates
Knight Piésold (Pty) Ltd	Senior Environmental Scientist	2017-Date
Zitholele Consulting	Senior Environmental Consultant	2013-2017
AGES	Senior Environmental Consultant	2012-2013
Knight Piésold (Pty) Ltd	Senior Environmental Scientist	2005-2012
Information Decision Systems	GIS and Environmental Scientist	2004-2005

Knight Piésold (Pty) Ltd.
South Africa

EDUCATION

- B.Sc. Natural and Environmental Science, RAU, 2003
- B.Sc. Honours Geography, RAU, 2004
- Masters Environmental Management, NWU (cum laude), 2010

SPECIALIZATIONS

- Water Use Licencing
- EIA / EMPR
- Public Participation
- Environmental Training

COUNTRIES OF WORK EXPERIENCE

- South Africa
- Swaziland
- Namibia
- Malawi
- Tanzania
- Zambia
- Ghana
- Zimbabwe

NEAL NEERVOORT (Pr. Sci. Nat.)

SENIOR AQUATIC ECOLOGIST

Neal Neervoort is a Senior Aquatic Ecologist /Senior Environmental Scientist with eleven years of working experience as a registered professional scientist in the Environmental Management and Aquatic Science fields. He is based in the Rivonia KP South Africa branch with vast experience across Africa. He has an aquatic ecology background as a Wetland Assessment Practitioner and DWS: SASS 5 Accredited Practitioner. Neal has been involved in various aquatic specialist studies as part of Environmental Processes and standalone projects. In the Environmental Management field, he has experience across Africa implementing Water Monitoring Programmes, Air Quality Monitoring Programmes, Environmental Compliance Audits, Water Use Licence Applications, Scoping Studies and Environmental Impact Assessments.



Knight Piésold (Pty) Ltd.
South Africa

REGISTRATIONS / CERTIFICATIONS

- SACNASP, South African Council of Natural Scientific Professions, Pr.Sci.Nat No 115316
- Department of Water and Sanitation: SASS 5 Accredited Practitioner
- Certificate of Competence: Tools for Wetland Assessment Course

SPECIFIC RELEVANT EXPERIENCE

- **Johannesburg Water Aquatic Monitoring of Waste Water Treatment Works:** Conduct bi-annual aquatic bio-monitoring, monthly water sampling, bi-monthly diatom sampling and bi-monthly toxicity testing at various WWTW.
- **Mutanda Mine, DRC:** Responsible for the project management and update of the Environmental and Social Impact Study (ESIS).
- **Lufubu Hydropower Scheme, Zambia:** Amendment of the ESIA and undertake the EWR study associated with the hydropower.
- **Kinsevere Copper Mine, DRC:** Responsible for the design and implementation of an extensive groundwater and potable water monitoring programme, including analysis of laboratory results and reporting as well as conducting Bi-annual aquatic bio-monitoring.
- **Ethemba Dam Environmental and Social Impact Assessment, Swaziland:** Project manager and compilation of the ESIA associated with the Dam.
- **ERWAT Aquatic Monitoring:** Conduct quarterly aquatic monitoring including toxicity and diatom analysis at 19 water care works within the Ekurhuleni area.
- **Aquatic Assessment of Olushandja Dam:** Aquatic screening and bio-accumulation study for the Olushandja Bulk Water Supply project.
- **Nampower Water Quality Monitoring:** Develop water monitoring programme for three power stations in Namibia.
- **City of Johannesburg State of Rivers:** Manage and conduct the annual State of Rivers project for the City of Johannesburg.
- **Bronkhorstspuit Aquatic Assessment:** Conduct aquatic and wetland assessment for proposed development in Bronkhorstspuit.
- **Umshwathi Bulk Water Supply Aquatic Assessment:** Conduct aquatic assessment for the proposed bulk water supply in Umshwathi, KZN.
- **Initial Environmental Evaluation (IEE) for Ezulwini Sustainable Water Supply Project, Swaziland:** Compile and management the IEE for the Ezulwini Sustainable Water Supply Project.
- **Khorixas to Uis Environmental Scoping Report, Namibia:** Compile the Scoping Report and facilitate the public participation process for the proposed road upgrade in Namibia.

EDUCATION

- B.Sc. Hons. Biodiversity and Conservation (University of Johannesburg), 2007
- B.Sc. Zoology & Botany (University of Johannesburg), 2006

SPECIALIZATIONS

- Aquatic and Wetland Ecology
- Environmental Management
- Water Use Licence Applications
- Ecological Water Requirements

COUNTRIES OF WORK EXPERIENCE

- South Africa
- Democratic Republic of Congo
- Swaziland
- Namibia
- Ghana
- Zambia

WORK HISTORY

Company Name	Position	Dates
Knight Piésold Consulting, South Africa	Senior Environmental Scientist/Environmental Scientist	2009-Date

AMELIA BRIEL, (Pr. Sci. Nat), SECTION MANAGER : ENVIRONMENTAL

Amelia Briel is the Manager for the Environmental Section of KP South Africa, with 17 years of experience in Environmental Management, within the mining and water infrastructure field. She is a registered Professional Natural Scientist. During her time working for a government agency responsible for regulatory approvals she was involved in large scale as well as small scale mining authorisations, environmental impact assessments, closure applications and performance audits. Amelia manages the Environmental Section at Knight Piésold and oversees all projects at a strategic level. She specialises in large-scale Environmental and Social Impact Assessments, Stakeholder Consultation, Feasibility Studies, Risk Assessments, Mine Closure Plans, Environmental Monitoring and Compliance. Amelia has experience in various African countries in terms of delivering regulatory approvals in line with local requirements, but also delivering projects to international best practice standards.



**Knight Piésold (Pty) Ltd.
South Africa**

REGISTRATIONS / CERTIFICATIONS

- Professional Natural Scientist (Pr.Sci.Nat.)

SPECIFIC RELEVANT EXPERIENCE

- Hawiah Gold Project, Saudi Arabia:** Project manager for Environmental and Social Impact Assessment
- Closure Plan for mine residue facilities, Zambia:** Risk assessment, land use planning and closure planning
- Iduapriem Gold Mine, Ghana:** Environmental, Social and Health Impact Assessment
- Bisha Mining Share Company, Eritrea:** Detailed Mine Closure Plan and cost model
- Anglo American PLC, Global:** Assessment of the environmental pollution risks associated with all Mine Residue Facilities in the Anglo American global operations
- Nevsun Resources, Bisha Gold Mine, Eritrea:** Conceptual Mine Closure Plan and Closure Cost Model
- MMG Kinsevere, Kinsevere Copper Mine, DRC:** Environmental and Social Impact Assessment (ESIA) for Stage 2 of the Copper Mine and various follow-up assignments, including a Biodiversity Action Plan, Mine Closure Plan and closure cost model, update of the Environmental Impact Study, ESIA for the Primary Copper Project, various environmental monitoring projects
- Anglogold Ashanti, Siguiri Gold Mine, Guinea:** Environmental feasibility study and Environmental Impact Notice for the Combination Plant Project
- Anvil Mining / MMG, Mutoshi Copper Project, DRC:** Artisanal Mining Survey, Environmental and Social Baseline Survey, stakeholder consultation
- Anglogold Ashanti, Mongbwalu Gold Project, DRC:** Management plans for the mine's ISO 14001 Environmental Management System, including waste, biodiversity, heritage, soil and land use, noise, air quality and an emergency and contingency response plan
- Sedibelo Platinum Project, South Africa:** Finalisation of the EIA and EMP process, Integrated Water Use License Application (IWULA), public participation process
- Eskom, Kusile Power Station, South Africa:** Public consultation, IWULA

EDUCATION

- MSc** (Environmental Toxicology), RAU (now the University of Johannesburg), South Africa, 2001
- BSc (Hons)** (Zoology), RAU, South Africa, 1998
- BSc** (Biological Science), RAU, South Africa, 1997

SPECIALISATIONS

- Large-scale Environmental & Social Impact Assessments
- Stakeholder Consultation
- Closure Plans
- Environmental Monitoring and Compliance
- Project management

COUNTRIES OF WORK EXPERIENCE

- South Africa
- Namibia
- Eswatini
- Democratic Republic of Congo
- Zambia
- Ghana
- Guinea
- Eritrea

WORK HISTORY

Company Name	Position	Dates
Knight Piésold (Pty) Ltd. South Africa	Environmental Unit Manager / Senior Environmental Scientist / Environmental Scientist	Aug 2007 - date
Gauteng Department of Agriculture, Conservation and Environment	Assistant Director / Principal Environment Officer / Environment Officer	2003 -2007