

Curriculum Vitae of Louis de Villiers

Nationality : South Africa
Profession : Environmental Consultant
Specialization : Environmental Management and GIS
Date of birth : 22 December 1983
ID Number : 831222 5030 080

CONTACT DETAILS

Telephone number : 072 967 7962
Postal Address : Suite 221, Private Bag X01, Brandhof, 9324
e-mail : louis@turn180.co.za

QUALIFICATIONS:

- **UNIVERSITY OF THE FREE STATE**

2010: B.Sc. Environmental Geography

- **NOSA Bloemfontein**

2013: SAMTRAC

EXPERIENCE:

2009:

Practical demonstrator at the UFS (Geography Department): Second Year Geographic Information Systems Students

2010:

Practical demonstrator at the UFS:

- First year Introduction to Chemistry
- Second year Soil Science
- First year Introduction to Geography
- First year Urban Geography
- Second year Geographic Information Systems

Dec 2010 – March 2018:

Environmental Consultant at Eko Environmental

April 2018 – Current:

Director and Environmental Consultant at Turn 180 Environmental Consultants

FIELD OF EXPERTISE AND PROJECTS:

Environmental Impact Assessments

Environmental Management Reports

Mining authorisations

Waste license applications

Atmospheric Emission license applications

Water Use Authorisations

Data and GIS management

Environmental Compliance Audits and Monitoring

EAP Past Experience:

The following table indicates relevant experience under Turn 180 Environmental Consultants and previous employers:

Start and end Date	Project	Applicant
2013 – current	Environmental Compliance monitoring for the diamond tailings operation at Jagersfontein, including monthly dust fallout sampling and water quantity and quality monitoring	Jagersfontein Developments (Pty) Ltd
2013 – current	Environmental Compliance monitoring for the alluvial diamond mining operation at Rooipoort, Kimberley District, including water quantity and quality monitoring	Rooipoort Developments (Pty) Ltd
2013 (Issued in 2016)	Application for a Water Use License for the Rooipoort Developments Diamond Mining Operation, Kimberley District, Northern Cape	Rooipoort Developments (Pty) Ltd
2014 (Issued in 2018)	Application for a Water Use License for the Jagersfontein Diamond Tailings Operation, Fauresmith District, Free State	Jagersfontein Developments (Pty) Ltd
2011	Application for Environmental Authorization through BAR process for the construction of chicken broiler houses and an abattoir on the farm Welton RE/1587, Bloemfontein	Department of Public Works – Free State
2011	Applications for Environmental Authorization through BAR Process for the construction of chicken broiler houses on various farms (Approximately 15) in the Reits District of the Free State	Various applicants – Project managed by Grain Field Chickens
2011	Applications for Environmental Authorization through BAR Process for the construction of a pipeline for the bulk transportation of water on the farms Loverswalk 1063, Holpan 260 and Smithskraal 1519, Boshof RD	Mr. J. Greyling
2014	Applications for Environmental Authorization through BAR Process for the construction of chicken houses on the farm Daniels Kuil RE/393, Bloemfontein RD	Sunell Griesel Trust
2014	Applications for Environmental Authorization through BAR Process for the construction of chicken houses on the farm Opdiekoppie RE/2904, Bloemfontein RD	Opdiekoppie Trust
2012	Application for Environmental Authorization through S&EIR Process in terms of Section 24G of the NEMAA and an application for an Atmospheric Emissions License for the operation of an incinerator on the farm Grootvlei RE/206,	Department of Public Works – Free State

	Bloemfontein	
2013	Application for Environmental Authorization through BAR Process in terms of Section 24G of the NEMAA for the infilling of material into a watercourse for access on the farm Jagersfontein 16/14, Fauresmith RD	Jagersfontein Developments (Pty) Ltd
2014	Application for Environmental Authorization through BAR Process in terms of Section 24G of the NEMAA for the clearance of more than 1 ha of indigenous vegetation of the farm Zand Plaats 15/102, Kimberley RD.	Rooipoort Developments (Pty) Ltd
2015	Applications for Environmental Authorization through BAR Process and a Water Use License for the construction of a weir in the Wilge River on the farm Riverview RE/1062, Reitz	Department of Water and Sanitation
2015	Applications for Environmental Authorization through BAR Process and a Water Use License for the construction of a weir in the Vals River on the farm Brandhoek RE/20, Lindley	Department of Water and Sanitation
May 2018	Storm Water Management Plan for the kimberlite diamond operation on the farm Blaauwboschfontein 4/229, Boshoff, Free State	Kophia Diamonds
April 2018	Storm Water Management Plan for the alluvial diamond operation on the farm Slangheuvel 4/160, Barkley West	Thunderstone Investments (Pty) Ltd
2016	Application for a mining permit and Water Use License Application for the sand mining operation on the farm Glen Alphen 4/73, Ladybrand, Free State	Tewie Wessels Familie Trust
2015	Application for 2 mining authorisations for the dolerite mining operation on the farm Lower Tele 15 (communal land), Musong Village, Sterkspruit District, Eastern Cape	Department of Roads and Public Works – Eastern Cape
2014	Application for a mining permit for the dolerite mining operation on Erven 226 and 238/RE, Indwe, Eastern Cape	Tau-Pele Construction (Pty) Ltd
2014	Application for a mining permit and Water Use License Application for the sand mining operation on the farm Van Niekerksrust RE/1782, Bloemfontein, Free State	Mr. C. Van Niekerk
2013	Application for a mining permit for the dolerite mining operation on the farm Plooyfontein 177, Hanover, Northern Cape	African Mining and Crushing
2012	Applications for mining authorisations for borrow pits and quarries on the N6 Bloemfontein – Onze Rust road upgrade project, Bloemfontein District, Free State	SANRAL