

CURRICULUM VITAE



Company Name	Lidwala Consulting Engineers
Date of birth	Marinus Axel Boon 15.10.1981
Nationality	South African
Profession	Environmental Scientist
Position	Environmental Professional
Start date with LIDWALA	2012
Relevant experience	11 years

Qualifications

- Nat. Dip. Nature Conservation obtained from the UNISA, 2008.
 - Honours Bachelor of Science in Environmental Management obtained from the UNISA, 2012
 - Current Studies: MSc Aquatic Health (UJ) Expected 2016
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Additional training

- Environmental Law for Environmental Managers, North-West University (NWU), 2011
 - ISO 14001: 2004 Lead Auditor Course (DQS German Association for Accreditation), 2010
 - Tools for Wetland Assessment . Certificate of Competence, Rhodes University, 2012
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Affiliation and accreditation

- Certified Natural Scientist, Level A in Ecological Science Reg. No. 200083/15
 - Member of the International Association of Impact Assessment of South Africa (IAIAsa)
 - Member of the South African Wetland Society
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Specialisation

- Environmental impact assessments
- Environmental management programmes and plans
- Environmental Auditing and compliance monitoring (Environmental Control Officer)
- Wetland delineation and functional assessments
- Wetland rehabilitation and monitoring plans
- Water Use Licence Applications
- GIS Mapping for environmental reporting
- Project management
- Integrated environmental management
- Environmental control and law enforcement
- Liaison with Landowners, Government and other Interested and Affected Parties
- Waste Management
- Research

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Software

- Microsoft Office 2013 and Microsoft Project
 - QGIS
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Career summary

- July 2012 to date: **LIDWALA**: Environmental Professional
 - March 2012 . June 2012: **Savannah Environmental**: Environmental Consultant
 - July 2008 . February 2012: **NCC Environmental Services**: Environmental Manager
 - July 2006 . June 2008: **Department of Environmental Affairs and Tourism (DEAT) MCM**: Senior Marine Conservation Officer (Environmental Protection Vessels and Compliance)
 - November 2004 . June 2006: **Overstrand Municipality Environmental and Conservation Services**: Nature and Marine Conservation Officer
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Work Experience

ELECTRICITY SECTOR

- December 2012 to May 2014: Project Manager/EAP for the Environmental Impact Assessment of Weskusfleur Substation at Koeberg for Eskom (R 1.2 million).
- August 2015 to current: Environmental Assessment Practitioner for the Environmental Impact Assessment of the Matjhabeng 500MW PV Project at Odendaalrus for Sunelex (R 2.1 million).
- September 2013 to current: Project Manager/EAP for the Environmental Impact Assessment of the 1 GW Upington Solar Park for CEF (R 1.4 million).
- February 2013 to February 2014: Project Manager for the Environmental Impact Assessment and Strategic Environmental Management Plan of the 1 GW Siyathemba Solar Park near Prieska for CEF (R 1.1 million).
- August 2013 to February 2014: Project Manager/EAP for the Environmental Basic Assessment of the 600MW OCGT Ankerlig Power Station Expansion near Atlantis for Eskom (R 600 000).
- March 2012 to June 2012: Basic Assessment and Environmental Management Programme for the proposed Amandla Welanga Solar Energy Facility, Northern Cape for Terra Solar (R 135 000).
- March 2012 to June 2012: Basic Assessment and Environmental Management Programme for the proposed Dida Solar Energy Facility, Northern Cape for Terra Solar (R 135 000).
- March 2012 to June 2012: Basic Assessment and Environmental Management Programme for the proposed Inkululeko Solar Energy Facility, Northern Cape for Terra Solar (R 135 000).
- March 2012 to June 2012: Basic Assessment and Environmental Management Programme for the proposed Southern Cross Solar Energy Facility, Northern Cape for Tiquen Trading (R 125 000)
- [March 2012 to June 2012] Basic Assessment and Environmental Management Programme for the proposed Tutwa Solar Energy Facility, Northern Cape [Flint Ridge Trading] [R 125 000].
- [March 2012 to June 2012] Project team for the Tollie Solar Energy Facility, Northern Cape [Terra Solar] [R 125 000].

MINING SECTOR

- January 2013 to March 2013: Project Manager for the Prospecting application in respect of Manganese and Iron Ore on Portion 5 of Farm Bermolli No. 583 and the remaining extent of the farm Sunnyside No. 542, Northern Cape for Bravospace 273 CC (R 60 000).

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- July 2012 to October 2012: Project team for the Basic Assessment and Environmental Management Programme for the Expansion of the Ebenaezer Pit at the Koffiefontein Mine for Koffiefontein Empowerment JV (R 50 000).
- July 2012 to December 2012: Project team for the Inyanda Mine Kalbasfontein Expansion Project: EIA, EMP and IWULA for Exxaro (R 2 million).

ROADS

- July 2012 to January 2015: Project Manager/EAP for the Basic Assessment, Environmental Management Programme and IWULA for the Rehabilitation of National Route N11 Section 10 from Middelburg to Loskop Dam and Kranspoort Safety Improvement for HHO (R 350 000).
- January 2013 to September 2013: Project Manager for the Replacement of culvert on provincial road P168-1 between Ermelo and Lothair, 8km from the N17 Environmental Management Plan and Water Use Licence Application for Mpumalanga Roads Department (R 60 000).

WASTE

- July 2013 to current: Project Manager (current project) for the Closure of the existing and the opening of the Danielskuil Waste Site Environmental Impact Assessment for Kgatelopele Municipality (R 1.009 million).

OTHER INFRASTRUCTURE

- September 2012 to September 2013: Project Manager for the New University of Mpumalanga Environmental Impact Assessment Site Verification and EIA Implementation Plan for Department of Higher Education (R 50 000).
- September 2012 to September 2013: New University of the Northern Cape Environmental Impact Assessment Site Verification and EIA Implementation Plan for Department of Higher Education (R 30 000).
- December 2014 to December 2015: Project Manager for the Environmental Basic Assessment and Water Use License (WUL) Application of the Louieville Pipeline, Mpumalanga Province for Eyesizwe (R 300 000).

WETLAND DELINEATION, FUNCTIONAL ASSESSMENT AND REHABILITATION PLANS

- September 2015 to current: Wetland Delineation and Functional Assessment (current project) for the Matjhabeng 500MW PV Project at Odendaalrus for Sunelex (R 40 000).
- March 2012 to June 2012: Wetland Delineation and Functional Assessment for the Reserve Bank Development at the Mint, City of Johannesburg, Gauteng Province for South African Reserve Bank (R 21 500).
- March 2012 to June 2012: Wetland Specialist (detailed site planning, design and wetland rehabilitation) for the N11 Section 10 Rehabilitation Project (current project) for SANRAL (R 54 000).
- March 2012 to June 2012: Wetland Specialist (detailed site planning, design and wetland rehabilitation) for the N14 Baberspan Bridge Project located within the Baberspan RAMSAR site (current project) for SANRAL (R 40 000).
- September 2014: Wetland/Riparian Delineation and Functional Assessment for the Proposed mixed-scheme development in Ga-Rankuwa on Erf 8873, Ga-Rankuwa Unit 5, City of Tshwane , City of Tshwane, Gauteng Province for Limosella Consulting (R 9 500).
- September 2014: Ecological Importance and Sensitivity (EIS) classification of the Klip River Wetland system and wetlands in the catchment for the Eskom Taunus Reef alignment; Gauteng for Limosella Consulting (R 9 500).
- October 2014: Present Ecological Status (PES) and Ecological Importance and Sensitivity (EIS) classification for the Amberfield development, Centurion, Gauteng Province for Limosella Consulting (R 12 300).

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- November 2014: Wetland rehabilitation- and monitoring plan to mitigate the construction related impacts for the Diversion of Crownwood Road, City of Johannesburg, Gauteng Johannesburg Roads Agency for Limosella Consulting (R 13 000).
- November 2014: Wetland rehabilitation- and monitoring plan for the Snelkaats Street Stormwater Outlet and Channels, Weltevreden Park, City of Johannesburg, Gauteng in terms of Section 24G of the National Environmental Management Act (Act No. 107 of 1998) NEMA for Limosella Consulting (R 13 000).
- December 2014: Wetland rehabilitation- and monitoring plan for the Doornkop Stormwater Pipes, Thulani, City of Johannesburg, Gauteng in terms of Section 24G of the National Environmental Management Act (Act No. 107 of 1998) NEMA for Limosella Consulting (R 14 080).
- December 2014: Wetland rehabilitation- and monitoring plan for the Morris Street Gabion Structure, Woodmead, City of Johannesburg, Gauteng in terms of Section 24G of the National Environmental Management Act (Act No. 107 of 1998) [NEMA] for Limosella Consulting (R 13 000).
- April 2014: Wetland Delineation and Functional Assessment for the Marlboro Erosion Protection, City of Johannesburg, Gauteng Province for Limosella Consulting (R 11 266).
- March 2014: Wetland Delineation and Functional Assessment for the Weltevreden Park Erosion Mitigation Project, City of Johannesburg, Gauteng Province for Limosella Consulting (R 11 403).
- February 2015 to current: Wetland Specialist for the Louieville Pipeline Project, Mpumalanga Province for Limosella Consulting (R 45 000).
- January 2014 August 2014: Surface Water Specialist Scoping Study for the Environmental Impact Assessment of Weskusfleur Substation at Koeberg for Limosella Consulting (R 30 000).
- March 2012: Environmental Screening Report for Kielder and Witvlei, Northern Cape for the proposed 1GW Siyathemba Solar Park for CEF (SOC) (R 21 000).
- March 2012: Completed the Surface Water Specialist Scoping Study for the 1GW Upington Solar Park for CEF (SOC) Ltd (R 35 000).
- March 2012 to June 2012: Completed the Wetland Delineation Specialist Study for the Closure of the existing Landfill and the opening of the new Danielskuil Landfill for Kgatelopele Municipality (R 20 000).

ENVIRONMENTAL CONTROL PROJECTS

- July 2008 to November 2008: Internship Environmental Control Officer for the construction of the Ankerlig Open Cycle Gas Turbine (OCGT) Power Station at Atlantis, Western Cape for Eskom (R 140 000).
- November 2008 to August 2009: Environmental Control Officer for the UraminTrekopje Mine Integration Project in Namibia. The project comprised the construction of 105 km of 220 kV, 132 kV transmission lines and four electrical substations for Trans Africa Projects (R 1 mil).
- September 2009 to February 2012: Environmental Control Officer for the Construction of Sterrekus (Omega) 765kV Electrical Substation and line turn-ins near Koeberg, Western Cape for Eskom (R 8.3 mil).
- June 2010 to February 2011: Environmental Control Officer for the Longlands Estate Development, Vlothenberg, Stellenbosch for SLC Development Services (R 100 000).
- June 2010 to February 2011: Environmental Control Officer which includes monthly compliance auditing for the Eerste River Integrated Housing Development on Erf 105 and 107 for SEF (R 70 000).
- February 2010 to July 2010: Environmental Control Officer which includes monthly compliance auditing for the construction of the Sonkwasdrift water pipeline near Tulbagh for SEF (R 100 000).
- June 2010 to January 2011: Environmental Officer for the provision of bulk infrastructure and road rehabilitation, Cape Point for SANPARKS (R 75 000).
- June 2010 to November 2010: Environmental Officer which includes monthly compliance auditing for the construction of the MTN Hub in Worcester for SEF (R 95 000).

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- August 2008 to September 2008: Environmental Control Officer for the Emergency Salvage of the Seawin Sapphire, Melkbos, Western Cape. This included the full rehabilitation of the environmental sensitive dune ecosystem area, the handover of the area and the close out environmental report to the authorities (DEAT, DEA&DP and the City of Cape Town) of this first of its kind project in S.A for ALE (R 40 000).
- February 2015 to current: ECO technical authority for the Rehabilitation and Kranspoort Safety Improvements of the N11 Section 10 from Middelburg to Loskop Dam for SANRAL (R 260 000).

TRAINING

- March 2012 to June 2012: Provide training to ECOs for various projects (solar, pipeline and transmission projects).
- March 2012 to June 2012: Preparing training material (ECO guideline and practical guide) and project templates for construction environmental monitoring for Solar Energy projects.
- July 2008 to currently: Conducted environmental awareness training on various projects for contractors and clients.

COMPLIANCE MONITORING, CONTROL, SURVEILLANCE AND ENFORCEMENT (NOVEMBER 2004 TO JUNE 2008)

- M.A.R.I.N.E.s Management Action for Resources of Inshore and Nearshore Environments . Overstrand Municipality Department of Environmental Conservation Services.
- Implementing and enforced the provisions of the Marine Living Resources Act 18 of 1998, and other Environmental legislation by conducting sea and land patrols.
- Ensured the effective prosecution of infringements by completing documents pertaining to criminal cases and giving evidence in a court of law.
- Issuing J534 fines for environmental contraventions.
- Environmental Education and awareness -do a showcase to further Marines Project.
- Liaise with relevant role players, the general public and fishing industry.
- Monitoring and conservation of estuaries to ensure compliance and the protection of them.
- Participate in the managing of monitoring and investigation of fishing vessels and fishing activities by the Directorates staff.
- Monitoring the landings of fish and fishing vessels.
- Assist and initiate investigations of the Department's Specialized Unit.
- Participating in special operations such as safeguarding endangered species, such as operation ORCA.
- Experience on working in close cooperation and completed combined operations with the South African Police Service (SAPS), SANPARKS, Organized Crime, SA Navy and other relevant NGOs.
- Liaise with relevant role players, the general public and fishing industry.
- Assist and initiate investigations of the Department's Specialised Unit.
- Conduct inspections in the fishing industries, restaurants ,fish shops,etc
- Training in marine resource monitoring, responsible fisheries, organized rehabilitation and conservation of Abalone, SAPS . special weapons and tactics course and arresting techniques.

CONFERENCES

- Received an award for best written submission in the Hidden Talent section at the National Conference of International Association of Impact Assessment of South Africa (IAIAsa) at the Wild Coast Sun 2011 (Showcased environmental best practice in Integrated Environmental Management for the project Salvage of the Seawin Sapphire).

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Language capability

	Speaking	Reading	Writing
English	Excellent	Excellent	Excellent
Afrikaans	Excellent	Excellent	Excellent
Dutch	Basic	Good	Poor

Date **January 2016**
