



## CURRICULUM VITAE

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Company Name	Lidwala Environmental & Planning Services
Date of birth	<b>Ashlea-Robyn STRONG</b>
Profession	03.09.1976
Position	Environmental Consultant
Start date with LIDWALA	Senior Environmental Scientist
Relevant experience	April 2009 - Permanent full-time staff member 13 years

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## Qualifications

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- National Diploma in Nature Conservation, Technikon SA, 1999.
  - B Tech Nature Conservation, Technikon SA, 2001.
  - Masters in Environmental Management, University of the Free State, 2006.
  - SAQA US ID: 115753 – Conduct outcomes-based assessment (NQF Level 5), 2009
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## Affiliation and accreditation

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- Registered as Certified Environmental Assessment Practitioner of South Africa (CEAPSA) with the Interim Certification Board
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## Specialisation

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- Project management
  - Integrated environmental management
  - Environmental impact assessments
  - Environmental management programmes and plans
  - Environmental auditing
  - Environmental control and monitoring
  - Environmental training
  - Environmental feasibility and planning services
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## Career summary

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- April 2009 to date: **LIDWALA** – Senior Environmental Scientist
- January 2008 – March 2009: **Arcus GIBB** – Senior Environmental Scientist / Associate
- January 2007 – December 2007: **Bohlweki Environmental** – Senior Environmental Consultant/Unit Manager
- July 2005 – December 2006: **Bohlweki Environmental** – Senior Environmental Consultant
- August 2003 – July 2005: **Bohlweki Environmental** – Environmental Consultant

- November 2002 – July 2003: **Vuka Environmental Management Services** - Junior Environmental Consultant
  - July 1995 – October 2002: Freelance Environmental Educator
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## Work Experience

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### Electricity Sector

- Project Manager: Environmental Impact Assessment for the proposed Tabor – Nzhelele 400kV Transmission Lines and associated infrastructure, Limpopo Province, Eskom Transmission.
- Project Manager: Basic Assessment for the Retrofitting of the existing Electrostatic Precipitators with Fabric Filter Plants at Units 2,3 and 4 at the Grootvlei Power Station
- Project Leader: Environmental Impact Assessment for the proposed Mulilo Coal Fired Power Station and associated infrastructure as well as associated power lines and substations in the Musina area of the Limpopo Province, Parsons Brinkerhoff Africa and Mulilo Power.
- Project Leader : Environmental Impact Assessment for the Pebble Bed Modular Reactor Demonstration Plant and Associated Infrastructure, Western Cape Province, Eskom Generation.
- Project leader : Environmental Impact Assessment for the proposed Bantamsklip – Kappa 765 kV Transmission Lines and associated infrastructure, Western and Northern Cape Provinces, Eskom Transmission.
- Project leader : Environmental Impact Assessment for the proposed Bantamsklip – Bacchus, Bacchus - Kappa and Bacchus – Muldersvlei 400 kV Transmission Lines and associated infrastructure, Western and Northern Cape Provinces, Eskom Transmission.
- Project leader : Environmental Impact Assessment for the Westgate – Tarlton – Kromdraai 132 kV Sub-Transmission line and associated infrastructure, Gauteng Province, Eskom Distribution – Central Region.
- Project Leader. Basic Assessment for the proposed Watershed – Mmabatho 88kV Power line. North West Province, Eskom Distribution – Central Region.
- Project Manager, Environmental Impact Assessment for the proposed Combined Cycle Gas Turbine Plant and Associated Infrastructure near Majuba, Mpumalanga, Eskom Holdings.
- Project Manager, Environmental Impact Assessment for the proposed new Ash Water Return Dam at the Arnot Power Station, Mpumalanga, Eskom Holdings.
- Project Manager, Environmental Impact Assessment for the proposed Capacity Increase of the Atlantis OCGT Plant and Associated Infrastructure, Western Cape Province, Eskom Generation.
- Project Manager, Environmental Impact Assessment for the proposed new Coal-fired Power Station in the Lephalale Area for Eskom, Limpopo Province, Eskom Generation.
- Project Manager, Environmental Impact Assessment for the proposed Concentrated Solar Thermal Plant in the Northern Cape, Eskom Holdings.
- Project Manager, Environmental Impact Assessment and Environmental Management Programme for the proposed Underground Coal Gasification plant, Eskom, Mpumalanga, Eskom Holdings.
- Environmental Consultant, Environmental Scoping Study for the proposed new distribution line and substation for Eskom, Dundonald, Mpumalanga (also involved in the Public Participation Process), Eskom Distribution.
- Environmental Consultant, Environmental Scoping Report for the proposed new 132 kV sub-transmission line between the Dinaledi and GaRankuwa substations for Eskom, GaRankuwa, North West Province, Eskom Distribution.
- Environmental Consultant, Environmental Impact Assessment for the proposed Open Cycle Gas Turbine Power Station at Atlantis for Eskom, Western Cape, Eskom Generation.

## **Mining Sector**

- Project Manager: Environmental Impact Assessment, Water Use License and Environmental Management Programme Amendment for the Kalbasfontein Expansion Project at Inyanda Mine, Mpumalanga, Exxaro Coal (Pty) Ltd
- Project Manager: Landowner Consultation and Environmental Management Plans for 6 Prospecting Right Applications in the Kuruman area of the Northern Cape, Sound Mining Solutions.
- Project Manager: Environmental Management Plan and Water Use License for the Minco Chrome Washing Plant near Moinooi, North West Province, Minco Mineral Holdings.
- Project Manager: Environmental Management Plan, Waste Management License and Water Use License for the Moinooi Chrome Washing Plant near Moinooi, North West Province, Binonite.
- Project Manager. Environmental Impact Assessment for the Sishen Infrastructure Program, Northern Cape Province, Sishen Iron Ore (Pty) Ltd.
- Project Manager. Application for Mining Permits for borrow pits required by the Limpopo Department of Roads and Transport.
- Project Manager. Environmental Status Quo and Audit for the Niemcor Thabazimbi Chrome Plant, North West Province, Niemcor Africa.
- Project Leader. Application for Mining Permits for borrow pits required for the Medupi Coal Fired Power Station, Limpopo Province, Eskom Generation.
- Project Leader : application for Mining Permits for borrow pits required for the Ingula Pumped Storage Scheme, KwaZulu-Natal, Eskom Generation.
- Project Manager, Mining Right Application for a 23 Hectare Borrow Pit required for the Steelpoort Pumped Storage Scheme, Mpumalanga, Eskom Generation.
- Environmental Consultant for the application for a mining right for the Underground Coal Gasification Project, Eskom, Mpumalanga, Eskom Generation.
- Project Manager, Application for three Mining Permit for borrow pits in the Mpumalanga Province, Roshcon.
- Project Manager (Lead Auditor), Updating and verification of the 2006 EMPR Performance Assessment Report for the New Vaal Colliery, Anglo Coal, Free State.
- Assisting Auditor, verification of the 2005 EMPR Performance Assessment Report for the New Vaal Colliery, Anglo Coal, Free State.
- Project Manager, Application for a Mining Permit for a borrow pit in the Bethal area, Mpumalanga Province, Roshcon.
- Compilation of the Environmental Management Programme Report for a borrow pit, Steelpoort, Limpopo Province, Goba.
- Compilation of the Environmental Management Programme Report for the mining and prospecting activities on the farm Quaggaskop 215, Vanrhynsdorp, Western Cape, Minexpo.
- Finalisation of the Environmental Management Programme Report for the Mowcop Quarry, Bronkhorstspuit.
- Environmental Consultant for the completion of 7 Environmental Management Plans for Small-Scale Sandstone Mines in the Qwa Qwa Region of the Free State.
- Environmental Consultant for the compilation of 2 Environmental Management Plans for Small-Scale Clay Mines in the Qwa Qwa Region of the Free State.

## **Infrastructure Sector:**

- Project Manager: Environmental Management Plan for the expansion of the existing Ash Dump at the Majuba Power Station, Mpumalanga, Eskom Holdings.
- Environmental Practitioner, Application for Mining Permits for Borrow pits for the R39 (P50-1) rehabilitation project, Mpumalanga Province, SANRAL.
- Project Manager, Basic Assessment and Environmental Management Plan (including WULA and Mining Permits) for the rehabilitation of the N14 between Delerayville and Sannieshof,

North West Province, SANRAL.

- Project Manager, Basic Assessment and Environmental Management Plan for the new Waterfall Cemetery, Limpopo Province, Makhado Municipality.
- Project Manager, Basic Assessment and Environmental Management Plan for the proposed telecommunications tower in Isando, Gauteng, Teraco Data Environments.
- Team Member, Water Use Licensing of the Tubatse sewage treatment works including an Environmental Status Quo, Mpumalanga Province, Greater Tubatse Municipality.
- Project Leader: Environmental Impact Assessment for the route determination of the proposed Metro Boulevard, Gauteng Province, Johannesburg Roads Agency.
- Project Manager, Basic Assessment for CO2 Collection System, SAB, Rosslyn, Gauteng
- Project Manager, Environmental Impact Assessment for the proposed new fuel supply pipeline between Milneron and Atlantis, Eskom Generation, Western Cape Province.
- Project Manager, Environmental Impact Assessment for a Chlorine Derivatives Plant, Coega Chemicals, Eastern Cape.
- Project Team Member, Provide Environmental Input into the National Transport Master Plan
- Environmental Consultant Environmental Scoping Report and Environmental Management Plan for the extension and upgrading of facilities on the Rietfontein Nature Reserve, Paulshof, Gauteng (also involved in the public participation Process).
- Environmental Consultant, Vegetation Report for the Environmental Scoping Study for the Proposed Rand Water Bulk Water Supply Pipeline from Brakfontein Reservoir in Centurion to Barnardsvlei Reservoir Near Rustenburg, Gauteng and North West Provinces.
- Environmental Consultant, Environmental Management Plan for the Reboile Township in Groot Marico, Zeerust Municipality, North West Province.
- Environmental Consultant for the development of an Environmental Management Plan for the Waste Water Treatment Works at the Grootvlei Power Station, Eskom Generation, Mpumalanga.
- Environmental Consultant for the development of an Environmental Management Plan for an above-ground fuel storage tank, Ermelo, Mpumalanga.
- Environmental Impact Assessment for the proposed Alternative Fuels and Resources Project at Dudfield Plant, North West Province. (Particularly assisting with Public Participation)
- Public Participation for the Environmental Management Programme Report for the renewal of permit No PP13/99 for prospecting on the remainder of the Farm Rooiberg No 255, District Vanrhynsdorp, Western Cape.
- Public Participation for the Environmental Management Programme Report for mining and prospecting activities on the Farm Quaggaskop 215, District Vanrhynsdorp, Western Cape.

## **Training**

- Environmental Awareness Training, N14 rehabilitation between Sannieshof and Delareyville, North West Province, SANRAL
- The development of an Environmental Training Modules.
- Training in Environmental Aspects and Rehabilitation for the Small Scale Mining Division of Mintek.
- Training in Environmental Aspects and Impacts for Transwerk Germiston.

## **Waste Management Projects**

- Project Manager: Environmental Impact Assessment and Waste Management License Application for the proposed continuous Ashing at Majuba Power Station, Mpumalanga.
- Project Manager: Environmental Impact Assessment and Waste Management License Application for the proposed continuous Ashing at Tutuka Power Station, Mpumalanga
- Project Manager: Environmental Impact Assessment and Waste Management License Application for the proposed extension of Ash Dams at Hendrina Power Station, Mpumalanga.
- Environmental Consultant for Phase 1 of the Environmental Impact Assessment for the

Proposed Regional General and Hazardous Waste Processing Facility in the Eastern Cape.

- Environmental Consultant for an Environmental Screening of Five Potential Landfill Sites within the Metsweding District Municipality, Gauteng.

### **Specialist Projects:**

- Environmental Practitioner, Status Quo and Compliance audit for the Delmas and Bontleng Waste Water Treatment Works, Mpumalanga, Victor Khanye Municipality.
- Senior environmental scientist : Strategic Environmental Assessment for the Development Master Plan Greater Port Harcourt, Rivers State, Nigeria
- Project scientist for compliance audits of Eskom's Gourikwa and Atlantis Gas Turbine Power Stations
- Project scientist for the Water Use Authorisation process for identified Water Uses at the Portland Cement Company's Jupiter Cement Plant in terms of the National Water Act
- Project Manager, Development of an Environmental Policy for the Ekurhuleni Metropolitan Municipality, Gauteng.
- Environmental Consultant, Development of the Integrated Environmental Policy for the City of Tshwane Metropolitan Municipality, Gauteng.
- Environmental Consultant within a team for the development of Development Corridors for the Ekurhuleni Metropolitan Municipality.
- Environmental Consultant, Environmental scan of the Greater Denneboom Area for inclusion in the Integrated Transport Plan for the Greater Denneboom Area, Gauteng.

### **Environmental Control Projects**

- Environmental Control Officer, Dust monitoring at the Lime Distributors Plant, Powerville, Vereeniging, Lime Distributors (Pty) Ltd
- Environmental Control Officer for the Nkonjaneni Water Borne Sewer Project in Piet Retief, Mkhondo Local Municipality, Mpumalanga
- Environmental Control Officer for the Lotus Gardens Ext 2 Township establishment, City of Tshwane, Gauteng.
- Environmental Control Officer for the upgrading of the Waterval Water Care Works, ERWAT, Gauteng.

### **Health and Safety Projects**

- Health and Safety Officer for the Nkonjaneni Water Borne Sewer Project in Piet Retief, Mkhondo Local Municipality, Mpumalanga