

## Lauren Elston

### Senior Environmental Consultant



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|--|---|
| <b>Profession</b>                      | Senior Environmental Consultant   |
| <b>Education</b>                       | BSc (Hons), (Environmental Management), University of Cape Town, 2014 ( <i>cum laude</i> )<br>BSc (Environmental & Geographical Science and Ocean & Atmospheric Science), University of Cape Town, 2005 |
| <b>Registrations/<br/>Affiliations</b> | Registered EAP, 2020/981<br>Member, IAIAAsa   |
| <b>Awards</b>                          | None  |

**Specialisation** Environmental impact assessment, project management, air quality management, water use management, land use planning, risk assessment and environmental control (auditing & site inspections).

**Expertise** Lauren Elston has 14 years of experience in the environmental consulting sector in South Africa. She has also worked for two years in the United Kingdom as a climate change advisor and in the public sector for the Department of Environmental Affairs & Development Planning. Her core expertise includes:

- Environmental and social impact assessment, stakeholder engagement, environmental management and spatial planning for projects in the renewable energy, waste, agricultural, infrastructure, industrial, mining, and residential sectors in South Africa;
- Integrated Water and Waste Management Plans (IWWMPs);
- Water-Use Licence Applications, Atmospheric Emission Licence Applications, Waste Licence Applications, Mine Closure Applications and Risk Assessment;
- Environmental Auditing; and
- Greenhouse gas (GHG) reporting and emissions inventory reporting on the National Atmospheric Emissions Inventory System (NAEIS).

### Employment

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|-----------------------|---|
| <b>2020 – present</b> | SRK Consulting (Pty) Ltd, Senior Environmental Consultant, Cape Town  |
| <b>2018 – 2020</b>    | Sillito Environmental Consulting (Pty) Ltd, Head of Environmental Department and Senior Environmental Consultant, Cape Town |
| <b>2012 – 2018</b>    | Sharples Environmental Services cc, Cape Town Branch Manager and Senior Environmental Consultant, Cape Town                 |
| <b>2010 – 2010</b>    | Kantey & Templar Consulting Engineers, Senior Environmental Consultant, Craighall   |
| <b>2009 – 2010</b>    | United Kingdom Department of Climate Change & Energy, Climate Science Advisor   |
| <b>2008 – 2009</b>    | Resource Management Services, Environmental Consultant, Cape Town   |
| <b>2007 – 2008</b>    | Western Cape Department of Environmental Affairs & Development Planning, Environmental Officer, Cape Town                   |
| <b>2005 – 2006</b>    | Imvello Environmental Services, Environmental Consultant  |

**Publications** None

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

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### Environmental Impact Assessment (EIA) and Environmental Management Programmes (EMPr)

- PetroSA, EIA for modification of offshore bypass pipelines and associated infrastructure, Voorbaai, Mossel Bay, March 2022 - ongoing, R 300 000
- BOSCH Projects (Pty) Ltd, EIA for upgrade of the R46 (TR22/2) between Ceres and Touwsrivier, Western Cape, 2021, February 2022 - ongoing, R400 000
- Stellenbosch Municipality, EIA for impact to Veldwagters River as a result of the continued operation of the Stellenbosch Landfill Facility, Stellenbosch, Western Cape, 2021 – ongoing, R180 000
- Blue Crane Funerals, EIA for a crematorium, Strand, Western Cape, 2021 – March 2022, R400 000
- Lactalis SA, EIA for Waste Water Treatment Works (WWTW), Bonnievale, Western Cape, March 2019 – November 2020, R800 000
- Electra Capital (Pty) Ltd, EIA for 75MW photovoltaic solar facility, Paleisheuwel, Cederberg, Western Cape, February 2012 – May 2013, R2.5 million
- RE Capital 2 (Pty) Ltd, EIA for a 75MW photovoltaic solar facility, Zeerust, North West Province, South Africa, January 2013 – July 2014, R2.5 million
- Montague Road Energy (Pty) Ltd, EIA for 75MW photovoltaic solar facility, Touws Rivier, Western Cape, September 2014 – November 2015, R2 million
- Bitou Local Municipality, EIA for low cost housing, New Horizons, Plettenberg Bay, Western Cape, 2019, May 2016 – June 2018, R2 million
- Bitou Local Municipality, EIA for low cost housing, Kwanokatula, Plettenberg Bay, Western Cape, May 2016 – June 2018, R2 million
- Matzikamma Municipality, EIA for upgrade to Klawer WWTW, Matzikamma Municipality, Western Cape, March 2012 – February 2014, R1 million
- Matzikamma Municipality, EIA for upgrade to Lutzville WWTW, Matzikamma Municipality, March 2012 – February 2014, R1 million
- Chevron, EIA for fuel service station decommissioning, V & A Waterfront, Western Cape, February 2018 – September 2018, R500 000
- Quest Petroleum, EIA for mixed use development, including fuel service station, Bluewater Bay, Eastern Cape, R500 000
- Kaap Agri, EIA for expansion of the Kaap Agri diesel depot, Moorreesburg, Western Cape, January 2018 – July 2018, R350 000
- Maria Jardim, EIA for residential development, Brackenfell South, Cape Town, Western Cape, December 2018 – November 2020, R600 000
- City of Cape Town, EIA for extension of a cemetery, Strand, Western Cape, July 2017 – September 2018, R500 000
- City of Cape Town, EIA for new cemetery, Mitchell's Plain, Western Cape, July 2017 – September 2018, R500 000
- Minrite (Pty) Ltd, EIA for expansion of mineral processing facility, Lutzville, Western Cape, February 2018 – December 2018, R250 000
- George Local Municipality, EIA for the upgrade of the George WWTW, Western Cape, August 2016 – August 2017, R300 000

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- Lyners Engineers, EIA for upgrade of raw water abstraction works and pump station, Moordkuil River, Mossel Bay, Western Cape, R300 000
- Stellenbosch Municipality, EIA for a waste drop off facility, Franschhoek, Western Cape, June 2016 – August 2017, R250 000
- La Luc (Pty) (Ltd), EIA for retirement village, Franschhoek, Western Cape, January 2012 – November 2014, R500 000
- Witzenberg Municipality, EIA for a 2.4 km water pipeline, Wolseley, Western Cape, August 2020 – April 2013, R250 000
- Drakenstein Municipality, EIA for 132Kv substation, Paarl, Western Cape, February 2012 – May 2013, R250 000
- Isitena Trust, EIA for open cast clay mine pit, Paarl, Western Cape, May 2012 – April 2014, R400 000
- Tembalethu Trust, EIA for open cast clay mine pit, Paarl, Western Cape, February 2013 – April 2014, R400 000
- City of Cape Town, EIA for replacement pipeline, De Grendel, Cape Town, Western Cape, March 2013 – November 2013, R250 000
- City of Cape Town, EIA, bulk water pipeline, Khayelitsha, Cape Town, Western Cape, August 2013 – August 2015, R250 000
- Raciti Construction, EIA for retail centre and fuel station, Atlantis, Western Cape, May 2014 – November 2015, R350 000
- Liquid Mist Trading (Pty) Ltd, S24G waste license EIA, coal sorting facility, Mpumalanga, October 2012 – September 2014, R250 000
- Casidra, S24G EIA for expansion of a piggery, Porterville, Western Cape, August 2012 – September 2014, R300 000
- PC Revalidation, S24G EIA gas cylinder recertification facility, Atlantis, Western Cape, July 2014 – July 2016, R400 000
- Vivienne Engelbrecht, S24G EIA for horse paddocks, Duynefontein, Western Cape, October 2014 – January 2016, R150 000
- Theewaterskloof Municipality, EIA for low cost housing, Grabouw, Western Cape, April 2017 – April 2019, R350 000
- City of Cape Town, S24G EIA for bridge construction, De Grendel, Cape Town, Western Cape, February 2013 – November 2013, R150 000

### **Screening / Feasibility Assessments**

- PC Revalidation, Screening assessment for gas cylinder recertification facility, Atlantis, Western Cape, February 2016, R25 000
- Aurecon, Screening assessment for low cost housing, Struis Baai, Western Cape, October 2014, R25 000
- Marketplace Energy (MPE), Screening assessment for algae bio-refinery, Atlantis, Western Cape, October 2016, R35 000
- Hessequa Consulting Engineers, Screening assessment for bulk sewer pipeline, Still Baai, Western Cape, September 2015, R25 000
- Augmentis, Screening assessment for residential development, Muizenberg, Western Cape, October 2020, R20 000

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- City of Cape Town, Screening assessment for three cemetery sites, Khayelitsha, Welmoed and Metro SE cemetery's, City of Cape Town, Western Cape, April 2018, R40 000
- Bosch, Screening assessment for Kayamandi pedestrian bridge, Stellenbosch, Western Cape, March 2018, R30 000

#### **Atmospheric Emission Licences (AELs)**

- Transnet, AEL renewal application, Transnet Iron Ore Terminal, Saldanha, July 2021 – September 2021, R60 000
- Advanced Galvanizing, AEL renewal application, Bellville, Cape Town, Western Cape, April 2018 – July 2018, R50 000
- Minrite (Pty) Ltd, AEL variation application, Lutzville, Western Cape, February 2018 – November 2018, R100 000

#### **Water Use License Authorisation Applications (WULAs), General Authorisations (GAs) and Integrated Water & Waste Management Plans (IWWPMs)**

- Pex Investments (Pty) Ltd, WULA for the abstraction of groundwater, storage and irrigation at Milkwood River Farm, Malgas, Western Cape, 2018 – ongoing, R100 000.
- BOSCH Projects (Pty) Ltd, GA for upgrade of the R46 (TR22/2) between Ceres and Touwsrivier, Western Cape, February 2022 – November 2022, R60 000
- Bosch Projects (Pty) Ltd, GA for periodic road maintenance activities on TR22/2 (R46), Ceres, Western Cape, South Africa, February 2022 – November 2022, R60 000.
- ENGEN, WULA and IWWMP, fuel station and WWTW, Newcastle, KZN, June 2018 – November 2020, R150 000
- ENGEN, WULA and IWWMP, fuel station and WWTW, North Coast, KZN, June 2018 – November 2020, R150 000
- ENGEN, WULA and IWWMP, fuel station and WWTW, Hluhluwe, KZN, June 2018 – November 2020, R150 000
- ENGEN, WULA and IWWMP, fuel station and WWTW, Tugela, KZN, June 2018 – November 2020, R150 000
- ENGEN, WULA and IWWMP, fuel station and WWTW, Langebaan, Western Cape, June 2018 – November 2020, R150 000
- Parmalat SA, WULA and IWWMP, upgrade of WWTW, Bonnievale, Western Cape, March 2018 – December 2019, R200 000
- Casidra, WULA & IWWMP, construction of a piggery and WWTW, Porterville, Western Cape, January 2016 – January 2017, R150 000

#### **Strategic Environmental Assessment (SEA)**

- Department of Environmental Affairs & Development Planning (DEA&DP), SEA Theewaterskloof SDF, Theewaterskloof, Western Cape, January 2017 – August 2017, R300 000

#### **Auditing**

- Rheinmetall Denel Munition (RDM), Coastal Waters Discharge Permit internal compliance audit, RDM Somerset West, August 2022 – September 2022, R60 000
- Black Mountain Mine (Pty) Ltd, external legal compliance audit: Waste facilities at Black Mountain Mine, Aggeneys, Northern Cape, March 2022 – April 2022, R100 000

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- Stellenbosch Municipality, Waste Management Licence (WML) and Norms and Standards external audits: Three waste management Facilities, Stellenbosch, Western Cape (2 per year at 3 facilities therefore 18 audits in total), 2021 – ongoing till May 2023, R380 000
- Astron Energy (Pty) Ltd, WML audit, Sandvik Pastillation Plant, Milnerton Refinery, Cape Town, July 2021 – September 2021, R75 000
- Rheinmittal Denel Muniton (RDM), AEL audit, Wellington, Western Cape, August 2019, R35 000
- ACTOM John Thompson, AEL audits, Bellville, Western Cape, 2018 – 2020, R90 000
- Gans Baai Marine, AEL audits, Gans Baai, Western Cape, 2018 – 2019, R60 000
- SANLAM, Performance assessment audit, Klein Karoo Bakstene, Montagu, Western Cape, December 2019, R30 000
- Montagu Brick cc, Performance assessment audit, Montagu Brick cc clay mine, Montagu, Western Cape, May 2019, R35 000

### **Risk Assessment**

- Tronox Mineral Sands (Pty) Ltd, waste exclusion application, risk assessment and management plan, Brand se Baai, West Coast, South Africa, January 2021 – May 2021, R180 000
- SANLAM, Risk assessment and closure plan for closure of Klein Karoo Bakstene clay mine, Montagu, Western Cape, December 2018 – November 2020, R500 000

### **Environmental Control Officer**

- Capital Expenditure Projects (Pty) Ltd, construction phase of the River Club Project, Observatory, Cape Town, June 2021, - ongoing till December 2023, R750 000

### **Maintenance Management Plan**

- Bosch Projects (Pty) Ltd, Maintenance Management Plan for periodic road maintenance activities on TR22/2 (R46), Ceres, Western Cape, South Africa, 2021 – ongoing, R200 000

### **Coastal Waters Discharge Permits**

- Rheinmetall Denel Munition (RDM), Coastal Waters Discharge Permit renewal application, RDM Somerset West, August 2022 – September 2022, R20 000

**Disclosure of Vested Interest (delete whichever is not applicable)**

- I do not have and will not have any vested interest (either business, financial, personal or other) in the proposed activity proceeding other than remuneration for work performed in terms of the Regulations;
- I have a vested interest in the proposed activity proceeding, such vested interest being:

\_\_\_\_\_ N/A \_\_\_\_\_



Signature of the Environmental Assessment Practitioner

SRK Consulting (South Africa)

Name of Company:

23 February 2023

Date

**3. UNDERTAKING UNDER OATH/ AFFIRMATION**

I, Lauren Elston, swear under oath / affirm that all the information submitted or to be submitted for the purposes of this application is true and correct.



Signature of the Environmental Assessment Practitioner

SRK Consulting (South Africa)

Name of Company

23 February 2023

Date 2023-02-23  
CSJ  
SE MPAKUMA

Signature of the Commissioner of Oaths

2023-02-23

Date

Details of EAP, Declaration and Undertaking Under Oath

