

## CONTACT DETAILS

<b>Name of Company</b>	<b>Coastal and Environmental Services (Pty) Ltd trading as CES</b>
<b>Designation</b>	Port Elizabeth Branch
<b>Profession</b>	Environmental Consultant
<b>Years with firm</b>	Started 2020
<b>E-mail</b>	<a href="mailto:a.duplessis@cesnet.co.za">a.duplessis@cesnet.co.za</a>
<b>Office number</b>	+27 (0)41 045 0496
<b>Nationality</b>	South African
<b>Key areas of expertise</b>	<ul style="list-style-type: none"><li>➤ Environmental Auditing/Compliance Monitoring</li><li>➤ Environmental Management Plans</li><li>➤ Environmental Impact Assessments</li><li>➤ Aquatic Ecology</li></ul>

## PROFILE

### Mr Alain du Plessis

Alain holds a BSc (Honours) degree in Environmental Sciences from Rhodes University and a BSc degree in Environmental and Geographical Science and Oceanography and Atmospheric Sciences from the University of Cape Town (UCT). He is also a registered member of the International Association for Impact Assessment South Africa (IAIASa). Alain has five (5) years' experience in environmental consulting, including environmental compliance monitoring, and was appointed by CES in 2020. Among the various local projects Alain has been appointed as Environmental Control Officer (ECO) for was the re-graveling and maintenance of gravels roads in the Central Karoo and Eden District Municipalities. The project also entailed the rehabilitation and active seeding of borrow pits DR1721/16.15/0.02R (Klaarstroom), DR1445/17.15/0.01R (Laingsburg), and MR374/24.5/0.05R (Laingsburg).

**EMPLOYMENT  
EXPERIENCE**

**Aurecon, Junior Consultant (2014)**

**Sea-Harvest, Environmental Intern (2014/2015)**

**Aurecon, Environmental Scientist (2015-2017)**

**Glenwood House, hockey coach and online English teacher (2018)**

**Legacy (EMC) Environmental Management Consulting (2018 – 2020)**

**CES, Environmental Consultant (2020)**

**ACADEMIC  
QUALIFICATIONS**

**Rhodes University, Grahamstown**  
BSc Honours Environmental Sciences  
2013

**University of Cape Town (UCT), Cape Town**  
BSc Environmental and Geographical Science and Oceanography  
2012

**CONSULTING  
EXPERIENCE**

**Sea Harvest Factory Saldanha Bay (Western Cape, South Africa) – Environmental Intern**  
08/2014 - 01/2015

The projects involved daily monitoring of water use and waste productions throughout the production factory. The water consumption information was then used to reduce water consumption through maintenance and repair of leaking pipes and taps on the factory floor. All these precautions decreased water use while maintaining a good level of production. Furthermore, waste production was to be monitored in order to decrease the carbon footprint for the plant. Waste was separated in the scrap yard where specialized waste could be resold or reused which not only contributed to a smaller carbon footprint but also provided an additional revenue for the company.

**Ysterburg pumping station site closure report (Western Cape Province, South Africa) – ECO**  
02/2015 - 02/2015

The project entailed conducting a site audit and compiling an audit report form as part of the environmental management plan (EMP) required for the Ysterburg pump station upgrades in Paarl, Western Cape. Responsible for site closure inspections, conducting site audits and compiling an audit report. Involved for 0.5 person-months (Drakenstein Local Municipality).

**Klipdam Environmental Management Plan (EMPr) HDPE pipeline in Paarl (Western Cape Province, South Africa) - Project Member**  
02/2015 - 11/2015.

The project involved the replacement of existing asbestos water pipes with high-density polyethylene (HDPE) pipeline to help meet the increasing demand for water in the region. Responsible for compiling an environmental management plan. Involved for 0.75 person-months (Drakenstein Local Municipality).

**Working for Wetlands plan 2014 - 2017 (Western Cape Province, South Africa) - Project Member**  
06/2013 - 12/2015

Aurecon was appointed in 2010 for a three-year cycle for the design, planning, environmental, project and risk management of the South African Government's Working for Wetlands Programme, which is a nationally run initiative by the South African National Biodiversity Institute (SANBI). Responsible for liaising with relevant authorities as part of the public participation process (PPP) printing and compiling of reports. Involved for 0.5 person-months (South African National Biodiversity Institute (SANBI)).

**Western Cape Provincial road materials supply strategy (Western Cape Province, South Africa) - Project Member**  
06/2008 - 03/2015

The Western Cape Province initiated a proactive approach to identifying and legalising a network of approved pits. Aurecon was responsible for prospecting suitable road making materials, sampling, testing, and identifying technically suitable sources to be used for both identified projects and as strategic pits. Also responsible for getting all the required approvals. Responsible for the public participation process (PPP), liaising and briefing authorities, libraries and municipalities about project details as well as the proposed pits in the area. Also responsible for the compilation of environmental management programmes (EMPrs) and for the MR&PDA process, and basic assessment reports (BARs) for the NEMA process (Western Cape Provincial Government Department of Transport and Public Works).

**Materials supply for gravel roads (Western Cape Province, South Africa) - Project Member, Junior ECO**  
02/2015 - 02/2020

Aurecon has been appointed to assist with the material supply and planning, design and control aspects for the maintenance of gravel roads in the Central Karoo and Eden District Municipalities. The contract primarily entails locating and proving suitable material sources for the re-gravelling of 300 km and maintenance activities of 45 000 km of all gravel roads in the two identified district municipalities. Aurecon was also tasked to oversee the rehabilitation and conducting active seeding of borrow pits DR1721/16.15/0.02R (Klaarstroom), DR1445/17.15/0.01R (Laingsburg) and MR374/24.5/0.05R (Laingsburg). Responsible for conducting monthly site visits and compilation of environmental control officer (ECO) reports. Also responsible for compilation of training programme for site personnel. Also responsible for rehabilitation auditing and reseeding of the three mentioned borrow pits, as recommended by botanical specialist. Involved for 10 person-months. (Provincial Government of the Western Cape (PGWC): Department of Transport and Public Works (DTPW)). Other pits include MR374/29.9/0.05R, MR374/2.4/0.03R,

OP7042/3.5/0.05R, and MR318/16.3/1.3L.

**Nettleton House: environmental control officer (ECO) (Western Cape Province, South Africa) – ECO**  
01/2012 - 04/2017

The project involved ensuring adherence to the provisions of the Nettleton House environmental management plan (EMP) as well as relevant conditions of approval. Responsible for conducting monthly site visits and compilation ECO reports.

**Woolworths distribution centre in Montague Gardens (Western Cape Province, South Africa) – ECO**  
11/2014 - 10/2017

Woolworths bought a 16 ha Telkom site in Montague Gardens with the aim of constructing a new distribution centre on the site. Aurecon was engaged to provide consulting engineering services on the project, including civil, structural, traffic engineering and environmental management services. Demolition works of the existing infrastructure commenced in February 2016 and construction commenced in August 2016. Responsible for conducting monthly site visits and compilation of ECO reports environmental advisory services for the duration of the site preparation and construction of the distribution centre. (Woolworths (Pty) Ltd).

**ECO services for Greenville housing development project (Western Cape Province, South Africa) – ECO**  
02/2014 - 12/2015

Aurecon was appointed to undertake the role of ECO during the construction phase, compile a conservation management plan and provide education programme services for the Greenville housing development project in Fisantekraal. Responsible for ECO report write ups and site inspections and acting as environmental advisory. (Garden City).

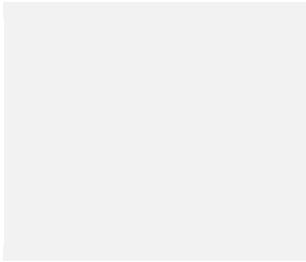
**ECO services for the construction of a treated effluent HDPE-lined reservoir in Parow (Western Cape) – ECO**  
03/2016-9/2016

Responsible for environmental monitoring and audit reporting for the construction of a treated effluent HDPE-lined reservoir in Parow (City of Cape Town).

**ECO services for the reconstruction & maintenance management plan for flood damaged road current – ECO**

Responsible for environmental monitoring and audit reporting for the reconstruction & maintenance management plan for flood damaged road infrastructure (Laingsburg local municipality).

**ECO services for the capacity extension and associated infrastructure refurbishment of Zandvliet wastewater treatment works (Western Cape) – ECO**  
12/2015-2018



Responsible for environmental monitoring and audit reporting for the capacity upgrade of the Black-mac effluent pipeline and refurbishment of the Macassar pump station (City of Cape Town).

## **CERTIFICATION**

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I, the undersigned, certify that to the best of my knowledge and belief, this CV correctly describes me, my qualifications, and my experience. I understand that any wilful misstatement described herein may lead to my disqualification or dismissal, if engaged.

**Alain du Plessis**

**Date: June 2020**