

KUYLER, DIANDRA

Name of Organisation: Lwandle Technologies (Pty) Ltd
Profession: Marine Scientist
Position in Firm: Marine Scientist
Date of Birth: 05/11/1992
Years with Firm: 3 years

BIOGRAPHICAL SKETCH

Diandra Kuyler has her National Diploma in Oceanography. She started interning at Lwandle Technologies in 2011 during semester breaks. In 2015 she joined the Lwandle team as a Marine Scientific assistant and in October 2017 she started working as a Marine Scientist on a full time basis.

As part of the marine scientific team, Diandra has gained key experience in environmental impact assessments, habitat assessments, developing GIS methodology and metadata organisation. She has also assisted in field work operations during which she has carried out instrument deployment and sample collection activities offshore of Cape Town and within Saldanha Bay. Diandra has also assisted with taxonomic work in and out of the office.

In 2014 Diandra interned at CapMarine where she captured and validated data from fishing surveys and also assisted with general administration. During 2014 Diandra also worked in the laboratory at DAFF where she assisted with hake biotagging research, a relatively young and important branch of research associated with stock assessments.

EDUCATION

ND Oceanography Cape Peninsula University of Technology, Cape Town 2011 - 2015

EMPLOYMENT RECORD

Current	Marine Scientist, Lwandle Technologies, Cape Town, South Africa
2015 - 2017	Marine Scientific Assistant, Lwandle Technologies, Cape Town, South Africa
2014	Laboratory assistant, Department of Agriculture, Forestry and Fisheries, Cape Town, South Africa
2014	Intern/Assistant, CapMarine, Cape Town, South Africa
2011 – 2014	Intern during semester breaks, Lwandle Technologies, Cape Town, South Africa

KEY EXPERIENCE

An abridged list of Diandra Kuyler's project experience is presented below:

2018	Project assistant manager – Raw Water Characterisation for input for the design of a desalination plant in Cape Town Harbour. Preparation and mobilization of equipment and instrumentation for field work, collection of samples in the field, data management, post-processing in Python and reporting, Advisian and City of Cape Town
2017	Marine Scientific assistant – Revising and updating an Environmental Impact Assessment for a revised abalone farm design plan, Aquinion
2017	Marine Scientific assistant – Development of a pollution monitoring program. Assisted with researching and identifying hotspots within the BCLME and the various sources of pollution at these hotspots, and sampling procedures, Benguela Current Commission
2017	Marine Scientific assistant – Nearshore assessment of habitat types in Palma Bay. Assisted mainly with classifying individual coral targets and report reviewing, Fugro

- 2016 Marine Scientific assistant – Environmental Impact Assessment for the proposed development of a Floating Power Plant (FPP) in the Port of Saldanha Bay, ERM
- 2016 Marine Scientific assistant – Environmental Impact Assessment for the proposed development of a Floating Power Plant (FPP) in the Port of Richards Bay, ERM
- 2015 Marine Scientific assistant – Environmental Impact Assessment for the proposed construction of a port at the Macuse River mouth, ERM
- 2015 Marine Scientific assistant – Developing methodology for mapping physical disturbances around drilling wells in the offshore region of Angola with the use of ROV footage and GIS software, Angola Resources Consultants
- 2015 Marine Scientific Assistant – GIS assistance in determining seabed diversity along a proposed pipeline route in Palma Bay, Anadarko Petroleum Corporation
- 2015 Marine Scientific Assistant – development of a large metadatabase for Anadarko Petroleum Corporation
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