

CONTACT DETAILS

Name of Company	EOH Coastal & Environmental Services
Designation	Environmental Consultant
Profession	GIS Specialist Surface Water Quality Specialist
Years with firm	5 Years
E-mail	Justin.Green@eoh.co.za j.green@cesnet.co.za
Office number	(+27) 046 622 2364
Nationality	South African
Professional body	SACNASP : South African Council for Natural Scientific Profession (2017) (pending)
Key areas of expertise	<ul style="list-style-type: none">➤ Geographic Information Systems (GIS)➤ Surface Water & Aquatic Assessment➤ Wetland Assessment

PROFILE

Justin has a BSc. degree in Zoology and Entomology as well as a Post Graduate Diploma in Enterprise Management from Rhodes University. Justin has been an Environmental Consultant with CES for 5 years and has been involved in extensive work in Renewable Energy Projects and mining based projects. Justin has played an integral part in Basic Assessments and Environmental Impact Assessments. His work experience has been completed in South Africa as well as several African countries.

He is also part of the Geographical Information Systems (GIS) team for the past 5 years with his primary experience through ArcGIS 10.1 and Quantum GIS 2.8.3. He has been involved in producing mapping data for a multitude of projects all up to IFC and World Bank standards.

Justin has also made a considerable difference using OruxMaps for the purpose of specialist fieldwork and mapping purposes. He has recently become involved in specialising in surface water quality analyses using the South African Scoring System (SASS5) methodology.

EMPLOYMENT EXPERIENCE

EMPLOYMENT EXPERIENCE

- EOH Coastal & Environmental Services,**
Environmental Consultant
April 2012 - Present
- Consultant
 - GIS Specialist
 - Surface Water & Aquatic Specialist
 - Wetland Specialist

ACADEMIC QUALIFICATIONS

- B.Sc. Zoology and Entomology**
Rhodes University, Grahamstown
2010
- Post-Graduate Diploma in Enterprise Management**
Rhodes University, Grahamstown
2011

COURSES

1. Rhodes University and CES, Grahamstown
“**EIA Short Course.**” 2012.
2. IMBEWU, Port Elizabeth.
“**Contaminated Land Workshop.**” 2013.
3. GroundTruth, Grahamstown.
“**SASS5 Aquatic Biomonitoring Training Course.**”
2015.
4. Rhodes University, Grahamstown.
“**Tools for Wetland Assessment.**” 2017.

PROJECT RELATED EXPERIENCE

SURFACE WATER & AQUATIC ASSESSMENTS

- 1) **Project: Triton Nicanda Hills Graphite Mine (2014)**
 - **Location:** Montepuez, Mozambique.
 - **Role:** Surface water quality testing and aquatic invertebrate collection using the South African Scoring System (SASS)
- 2) **Project: Sasol Nhangonzo Mozambique Biodiversity Assessment (2015)**
 - **Location:** Inhassorro, Mozambique.
 - **Role:** Surface water quality testing and aquatic

invertebrate collection using the South African Scoring System (SASS)

3) Project: Alphamin Resources Mining ESIA (2015)

- **Location:** Democratic Republic of Congo (DRC).
- **Role:** Surface water quality testing and aquatic invertebrate collection using the South African Scoring System (SASS)

4) Project: GK Ancuabe Graphite Mine S.A. (2016)

- **Location:** Ancuabe, Mozambique.
- **Role:** Surface water quality testing and aquatic invertebrate collection using the South African Scoring System (SASS)

5) Project: Murrimo Macadamias, Potatoes and Grains Project (2016)

- **Location:** Gúrùe, Zambezia Province, Mozambique.
- **Role:** Surface water quality testing and aquatic invertebrate collection using the South African Scoring System (SASS)

6) Project: Kenmare Pilivili Mine (2017)

- **Location:** Moma, Mozambique.
- **Role:** Surface water quality testing

7) Project: Triton Ancuabe Graphite Mine (2017)

- **Location:** Ancuabe, Mozambique.
- **Role:** Surface water quality testing and aquatic invertebrate collection using the South African Scoring System (SASS)

BASIC ASSESSMENT AND ENVIRONMENTAL IMPACT ASSESSMENT PROJECTS

Environmental and Social Impact Assessment (ESIA)

- Environmental and Social Impact Assessment Ranobe Mine Project, Southwest Region, Madagascar (2013)
- RHDHV – Biofuel ESIA Disclosure, Sofala Province, Mozambique (2014)
- London Mining Marampa Iron Ore Sierra Leone (2014)
- Proposed Upgrade of the Maroua Oil Mill in the Republic of Cameroon (2014)
- Proposed Upgrade of the Garoua Oil Mill in the Republic of Cameroon (2014)
- Green Resources Medium Density Fibreboard Production, Niassa Province, Mozambique (2014)

Environmental Impact Assessment (EIA) and pre-feasibility assessments

- Environmental Impact Statement: Sentinel Deposit, North Western Province, Zambia (2012)
- Mooi-Mgeni Transfer Scheme – Phase 2, Kwazulu-Natal Province, South Africa (2013)
- Syrah Balama Graphite Project: Pre-feasibility and Environmental Scoping Report, Mozambique (2013)
- Kamiesberg Project, Namakwaland, South Africa (2013)
- Belmont Valley Golf Course and Makana Residential Estate (EIA) (2013)
- Eastern Cape Biofuels Production (SEA) (2016)
- Resettlement Action Plan: Murrimo Macadamias, Potatoes and Grains Project (2015)

International Mining Projects

- Toliara Mineral Sands Rehabilitation and Offset Strategy Report, Madagascar
- Syrah Resources, Cabo del Gado, Mozambique (2014)
- Baobab Mining, Tete, Mozambique (2014)
- Triton Minerals Nicanda Hill Graphite Mine, Cabo del Gado, Mozambique (2014)
- Alphamin Resources ESIA, DRC (2016)
- Kenmare Piliwili Heavy Minerals Mine ESIA, Moma, Mozambique (2017)
- Metals of Africa Graphite Mine, Ancuabe, Mozambique (2017)
- Triton Minerals Ancuabe Graphite Mine, Cabo del Gado, Mozambique (2017)

Wind Energy Projects (EIA)

- MakanaOne Wind Energy Project (2012)
- Middleton Wind Energy (2012)
- Mossel Bay Wind Energy Project (2012)
- Plan 8 Wind Energy Project (2012)
- Grassridge Wind Energy Project (Coega) (2013)
- St Lucia Wind Energy Project (2013)
- Cookhouse Wind Energy Project (2013)
- Dassiesridge Wind Energy (2014)
- Inyanda-Roodeplaat Farm Wind Energy (2015)

Solar Energy Projects (EIA)

- MakanaOne Brack Kloof Photovoltaic Solar Energy Project (2012)
- MakanaOne Hilton Photovoltaic Solar Energy Project (2012)
- MakanaOne Table Hill Photovoltaic Solar Energy Project (2012)
- MakanaOne Watt Hill Photovoltaic Solar Energy Project (2012)

Basic Assessment (BAR)

- Resort Development On Portion 17 of Farm Gorah 398 (2012)
- Walmer 17th Avenue 132KV Powerline (2012)

- SANRAL Grahamstown to Fish River Road Upgrade (2013)
- Rehabilitation of R61 Section 2 Elinus Farm (Km42.2) To N10 (Km85), Cradock, Eastern Cape) (2013)
- Rehabilitation of N10 Section 3 between Riet River Bridge (km 45.2) and Tarka Bridge (km 68.5), Cradock, Eastern Cape (2013)
- Uhambiso Glenhurd Road Upgrade & Baakens River Bridge (2015)
- Innowind Ukomeleza & Olifantskop Substations and Overhead Powerlines (2015)
- Grahamstown Fairewood Estate Development (2015)

Additional Experience

Faunal Assessments

- Lesotho Highlands Water Project ESIA, Lesotho (2014)
 - Mammal component for Faunal specialist study (trapping and identification), assistant to Faunal specialist.

Ecological Assessments

- Borrow Pit in Libode, Eastern Cape Province (2014)
- LHDA Botanical Survey and Impact Assessment, Lesotho (2014)
- Kenmare Terrestrial Monitoring Program, Specialist Survey, MOMA, Mozambique (2014 & 2016)
- Doorndraai Citrus Ecological Assessment, Bedford, South Africa (2017)

Due Diligence

- Coega Brick Due Diligence (2012)

Environmental Auditing

- Strowan Mine Environmental Auditing (2013)
- Grahamstown Municipal Dump Auditing (2017)

Policy and Guidelines

- Water use licence applications for various river crossings for Rehabilitation of R61 Section 2 Elinus Farm (Km42.2) To N10 (Km85), Cradock, Eastern Cape (BAR) (2013)

Mining applications

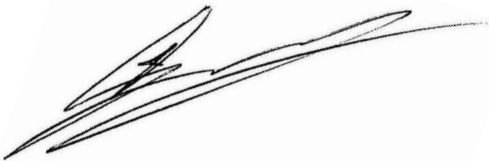
- Mining Application for Hard Rock Quarry and borrow pits for N10-3 road upgrade (2013)
- Mining Application for Hard Rock Quarry and borrow pits for R61-2 road upgrade (2013)
- Mining Application for Hard Rock Quarries and borrow pits for N2 road upgrade (2013)
- Zirco Kenhardt Prospecting Application (2015)

JUSTIN GREEN
Curriculum Vitae

Languages	Speak	Read	Write
English	Excellent	Excellent	Excellent
Afrikaans	Satisfactory	Satisfactory	Satisfactory
Portuguese	Poor	Satisfactory	Poor

CERTIFICATION

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.



JUSTIN GREEN

DATE: 1ST APRIL 2017