

# Rob Gardiner

## Principal Environmental Scientist



<b>Profession</b>	Principal Environmental Scientist
<b>Education</b>	MBA, Port Elizabeth Technikon, 2004 MSc, Chemistry – Industrial, University of Leeds, 1993 BSc (Hons), Chemistry, University of Cape Town, 1989
<b>Registrations/ Affiliations</b>	Pr Sci Nat, Environmental Scientist (South Africa) 400079/03 Member, International Association of Impact Assessors

**Specialisation** Environmental impact assessments, environmental management systems, ISO 14001, environmental management plans, environmental monitoring, and environmental auditing

**Expertise** Rob Gardiner has been involved in the field of environmental consulting for over 22 years. His expertise includes:

- environmental impact assessments (EIA);
- environmental management systems (EMS) and management plans (EMP);
- water quality monitoring; and
- environmental due diligence and environmental auditing.

His experience in the development, mining, manufacturing and public sectors has been gained in projects within South Africa, Lesotho, Botswana, Angola, Zambia, Zimbabwe, Democratic Republic of Congo, and Suriname.

### Employment

<b>2001 – present</b>	SRK Consulting (Pty) Ltd, Principal Environmental Scientist and responsible for the Eastern Cape Environmental Department, Port Elizabeth
<b>1998 – 2001</b>	Gardiner Associates, Sole Proprietor and Environmental Consultant, Port Elizabeth. Assisted numerous clients in implementation, and aspects of, ISO 14001. This included conducting Initial Reviews, implementing environmental monitoring and management programmes, conducting third party audits of suppliers and contractors, and identifying and assessing compliance with legal and other requirements.
<b>1991 – 1998</b>	CSIR, Division of Textile Technology, Port Elizabeth. Responsible for the Division's environmental management offerings to the South African textile industry, including ISO 14001 awareness and eco-labelling. Also responsible for the CSIR's environmental impact assessment offerings in the Eastern Cape Region.

**Languages** English – read, write, speak  
Afrikaans – read, write, speak

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### **Key Experience: Environmental assessment: coastal management**

Location: Nelson Mandela Metropolitan Municipality, Eastern Cape, South Africa  
 Project duration & year: 6 months, 2005  
 Client: Nelson Mandela Metropolitan Municipality  
 Name of Project: Integrated Beach Development Plan  
 Project Description: Strategic Environment Assessment  
 Job Title and Duties: Environmental Assessor  
 Value of Project: ± R 100,000

Location: St Francis Bay, Eastern Cape, South Africa  
 Project duration & year: 2002 to 2007 (including discontinuities)  
 Client: Kouga Municipality  
 Name of Project: St Francis Bay Beach Remediation  
 Project Description: Environmental Impact Assessment  
 Job Title and Duties: Project Co-ordinator for initial EIA, Project Manager for revision of EIR  
 Value of Project: ± R 500,000

### **Key Experience: Environmental assessment: linear projects**

Location: St Marks to Sabalele village, Eastern Cape, South Africa  
 Project duration & year: 9 months, 2014  
 Client: South African National Roads Agency SOC Limited  
 Name of Project: Upgrade of the DR 08376 from the R61 at St Marks to Sabalele Village  
 Project Description: Environmental Assessment of the widening and surfacing of the R61 at St Marks to Sabalele Village (19 km), including assessment of borrow pits and river crossings  
 Job Title and Duties: Environmental Assessment Practitioner, Project Director  
 Value of Project: ± R 300,000

Location: Port Elizabeth, Eastern Cape  
 Project duration & year: 2014  
 Client: Airports Company South Africa  
 Name of Project: Port Elizabeth Airport Runway End Safety Area and Strip Compliance  
 Project Description: Environmental Assessment for the Extension of the Runway End Safety Area to comply with the recommendations of the International Civil Aviation Authority  
 Job Title and Duties: Environmental Assessment Practitioner, Project Review  
 Value of Project: R 140,000

Location: Cradock to Middleburg, Eastern Cape, South Africa  
 Project duration & year: 9 months, 2012  
 Client: South African National Roads Agency SOC Limited  
 Name of Project: Upgrade of National Route 10, Section 4, Cradock to Knutsford  
 Project Description: Environmental Assessment Services  
 Job Title and Duties: Project Director  
 Value of Project: ± R 250,000

Location: Ngcobo, Eastern Cape, South Africa  
 Project duration & year: 9 months, 2012  
 Client: South African National Roads Agency SOC Limited  
 Name of Project: Upgrade of Route 61, Section 6 from Qumanco River to Ngcobo Town  
 Project Description: Environmental Assessment Services  
 Job Title and Duties: Project Director  
 Value of Project: ± R 250,000

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### **Key Experience: Environmental assessment: linear projects**

Location: Orange Free State, South Africa  
 Project duration & year: 9 months, 2012  
 Client: South African National Roads Agency SOC Limited  
 Name of Project: Upgrade of National Route 1, Section 14, between Trompsburg Interchange and Fonteintjie  
 Project Description: Environmental Assessment Services  
 Job Title and Duties: Project Director  
 Value of Project: ± R 250,000

Location: Graaff-Reinet to Cradock, Eastern Cape, South Africa  
 Project duration & year: 9 months, 2011  
 Client: South African National Roads Agency SOC Limited  
 Name of Project: Upgrade of Route 61, Section 2: Draairivier to Elinus Farm between Graaff-Reinet and Cradock  
 Project Description: Environmental Assessment Services  
 Job Title and Duties: Project Director  
 Value of Project: ± R 250,000

Location: Cradock to Middleburg, Eastern Cape, South Africa  
 Project duration & year: 7 months, 2010  
 Client: South African National Roads Agency SOC Limited  
 Name of Project: Upgrade of National Route 10, Section 4 (± 24 km) Tafelberg to Middelburg  
 Project Description: Environmental Assessment Services  
 Job Title and Duties: Project Manager, Environmental Assessment Practitioner  
 Value of Project: ± R 100,000

Location: Cradock to Middelburg, Eastern Cape, South Africa  
 Project duration & year: 7 months, 2010  
 Client: South African National Roads Agency SOC Limited  
 Name of Project: Upgrade of National Route 10, Section 4 (±24 km) Tafelberg to Middelburg  
 Project Description: Environmental Assessment Services  
 Job Title and Duties: Project Manager, Environmental Assessment Practitioner  
 Value of Project: ± R 100,000

Location: Seaview, Eastern Cape, South Africa  
 Project duration & year: 8 months, 2009, and reassessed in 2016  
 Client: Nelson Mandela Bay Municipality  
 Name of Project: Seaview Bulk Water Supply  
 Project Description: Environmental Assessment for a bulk water infrastructure, including two 2.5 ML clear water reservoirs, one in the Island Nature Reserve, and 10 km of new pipelines, ranging from 200 mm to 700 mm diameter, near Seaview, Port Elizabeth  
 Job Title and Duties: Environmental Assessment Practitioner, Project Review  
 Value of Project: ± R 150,000

Location: Port Elizabeth, Eastern Cape, South Africa  
 Project duration & year: 24 months 2009 to 2011  
 Client: Nelson Mandela Metropolitan Municipality  
 Name of Project: 132 kV Overhead Powerline from Bloemendal to Tembani T-off  
 Project Description: Environmental Impact Assessment  
 Job Title and Duties: Project Director / Environmental Assessment Practitioner  
 Value of Project: ± R 300,000

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### **Key Experience: Environmental assessment: linear projects**

Location: Uitenhage, Eastern Cape, South Africa  
 Project duration & year: 24 months 2009 to 2011  
 Client: Nelson Mandela Metropolitan Municipality  
 Name of Project: 132 kV Overhead Powerline from Sans Souci Substation to the new Nivens Drift substation  
 Project Description: Environmental Impact Assessment  
 Job Title and Duties: Project Director / Environmental Assessment Practitioner  
 Value of Project: ± R 300,000

Location: Gonubie, East London, Eastern Cape  
 Project duration & year: 9 months, 2008  
 Client: Eastern Cape Department of Roads and Public Works  
 Name of Project: East Coast Resorts Road Upgrade  
 Project Description: Basic Assessment  
 Job Title and Duties: Project Director / Environmental Assessment Practitioner  
 Value of Project: ± R 150,000

Location: Addo to Motherwell, Eastern Cape, South Africa  
 Project duration & year: 36 months, 2007 to 2010  
 Client: Nelson Mandela Metropolitan Municipality  
 Name of Project: Nooitgedagt/Coega Low Level Scheme water supply pipeline  
 Project Description: Environmental Impact Assessment  
 Job Title and Duties: Project Director / Environmental Assessment Practitioner  
 Value of Project: ± R 500,000

Location: St Francis Bay, Eastern Cape, South Africa  
 Project duration & year: 9 months 2003  
 Client: Kouga Municipality  
 Name of Project: St Francis Bay Bulk Water Supply (16 km) Pipeline  
 Project Description: Environmental Scoping Study  
 Job Title and Duties: Project Manager  
 Value of Project: ± R 60,000

Location: Matatiele to Mount Frere, Eastern Cape, South Africa  
 Project duration & year: 4 months, 2003  
 Client: Eastern Cape Department of Roads and Public Works  
 Name of Project: Environmental Assessment and Environmental Management Plan, Trunk Road 08015 (± 22 km), between Mount Frere and the R 56 between Matatiele and Mount Fletcher.  
 Project Description: Environmental Scoping Study and Environmental Management Plan  
 Job Title and Duties: Project Manager, Environmental Assessment Practitioner  
 Value of Project: ± R 50,000

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### Key Experience: Environmental assessment: energy

Location: Coega Industrial Development Zone  
 Project duration & year: November 2016 - present  
 Client: Coega Development Corporation  
 Name of Project: Coega Gas to Power Project  
 Project Description: Environmental Impact Assessment and Air Emission License application for 4500 MW Combined Cycle Gas Turbine Project, including regasification unit.  
 Job Title and Duties: Environmental Assessment Practitioner, Project Review  
 Value of Project: R 800,000

Location: Hopetown, Northern Cape, South Africa  
 Project duration & year: April 2015 – present  
 Client: Afri-Coast Energy (Pty) Ltd  
 Name of Project: Kloofsig 450 MW photovoltaic solar energy facility  
 Project Description: Environmental Assessment for the 450 MW Kloofsig photovoltaic (PV) solar energy facility, Hopetown, Northern Cape  
 Job Title and Duties: Environmental Assessment Practitioner, Project Review  
 Value of Project: R 1,000,000

Location: Molteno, Eastern Cape, South Africa  
 Project duration & year: 24 months, 2015 (on going)  
 Client: Afri-Coast Energy (Pty) Ltd  
 Name of Project: Molteno 840 MW Wind Energy Facility  
 Project Description: Environmental Impact Assessment (currently in planning stages)  
 Job Title and Duties: Environmental Assessment Practitioner, Project Review  
 Value of Project: R 5,000,000 (current estimate)

Location: Port Elizabeth Eastern Cape, South Africa  
 Project duration & year: 6 months, 2015  
 Client: Afri-Coast Energy (Pty) Ltd  
 Name of Project: Hopewell Conservation Estate, 9 MW photovoltaic solar energy facility  
 Project Description: Basic Assessment  
 Job Title and Duties: Environmental Assessment Practitioner / Project Director  
 Value of Project: ±R 100,000

Location: Groot Winterhoek Mountains, Kirkwood, Eastern Cape, South Africa  
 Project duration & year: November 2014 – present  
 Client: Vulisango Holdings (Pty) Ltd  
 Name of Project: Inyanda – Roodeplaat 150 MW Wind Energy Facility  
 Project Description: Environmental Assessment for the Inyanda-Roodplaat 150 MW Wind Energy Facility in the Groot Winterberg Mountains, Kirkwood, Eastern Cape  
 Job Title and Duties: Environmental Assessment Practitioner, Project Review  
 Value of Project: R 1,200,000

Location: Uitenhage, Eastern Cape, South Africa  
 Project duration & year: 1 month, 2014  
 Client: Afri-Coast Engineers (Pty) Ltd  
 Name of Project: Ranger Wind Energy Facility  
 Project Description: Preparation of an Environmental Management Plan for 3 x 1 MW wind turbines on the Ranger game farm, adjacent to the Groendal Nature Reserve  
 Job Title and Duties: Environmental Assessment Practitioner, Project Review  
 Value of Project: ± R 50,000

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### Key Experience: Environmental assessment: energy

Location: Blue Horizon Bay, Eastern Cape, South Africa  
 Project duration & year: 1 month, 2014  
 Client: Afri-Coast Engineers (Pty) Ltd  
 Name of Project: Betshanger Wind Energy Facility  
 Project Description: Preparation of an Environmental Management Plan for 3 x 1 MW wind turbines on the farm Betshanger , Blue Horizon Bay  
 Job Title and Duties: Environmental Assessment Practitioner, Project Review  
 Value of Project: ± R 50,000

Location: Humansdorp, Eastern Cape  
 Project duration & year: 2 months, 2013  
 Client: Rushmere Noach Incorporated  
 Name of Project: Banna Ba Pifhu 50 MW Wind Energy Project  
 Project Description: External review of the Environmental Assessment for the 50 MW Wind Energy Project (17 turbines, ranging from 1.2 MW to 3.2 MW)  
 Job Title and Duties: External Review  
 Value of Project: R 50,000

Location: Port Elizabeth, Eastern Cape, South Africa  
 Project duration & year: 24 months, 2012 to 2013  
 Client: Nelson Mandela Metropolitan Municipality  
 Name of Project: 27 MW van Stadens Wind Energy Facility  
 Project Description: Environmental consulting services for the construction of the 27 MW van Stadens Wind Energy Facility  
 Job Title and Duties: Environmental Assessment Practitioner / Project Review  
 Value of Project: ± R 1,400,000

Location: Port Elizabeth, Eastern Cape, South Africa  
 Project duration & year: 8 months, 2012  
 Client: Orion Engineered Carbons  
 Name of Project: Orion 19.5 MW Cogeneration Plant  
 Project Description: Environmental Assessment and Air Emission License amendment, for the development of a 19.5 MW electrical power cogeneration plant  
 Job Title and Duties: Environmental Assessment Practitioner, Project Manager  
 Value of Project: ± R 180,000

Location: Victoria West, Northern Cape, South Africa  
 Project duration & year: 12 months, 2012  
 Client: Af-Rom (Pty) Ltd  
 Name of Project: Brakpoort 75 MW photovoltaic solar energy facility  
 Project Description: Environmental Impact assessment  
 Job Title and Duties: Environmental Assessment Practitioner / Project Manager  
 Value of Project: R 600,000

Location: Cradock, Eastern Cape, South Africa  
 Project duration & year: 12 months, 2012  
 Client: Af-Rom (Pty) Ltd  
 Name of Project: Dobbins 75 MW photovoltaic solar energy facility  
 Project Description: Environmental Impact assessment  
 Job Title and Duties: Environmental Assessment Practitioner / Project Manager  
 Value of Project: R 600,000

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### **Key Experience: Environmental assessment: energy**

Location: Uitenhage, Eastern Cape, South Africa  
 Project duration & year: 5 months, 2011  
 Client: Afri-Coast Engineers (Pty) Ltd  
 Name of Project: Ranger Wind Energy Facility  
 Project Description: Environmental Screening  
 Job Title and Duties: Environmental Assessment Practitioner / Project Manager  
 Value of Project: ± R 100,000

Location: Upington, Northern Cape, South Africa  
 Project duration & year: 11 months, 2009 / 2010  
 Client: Fluopro Investments (Pty) Ltd  
 Name of Project: Upington 1.5 MW photovoltaic solar energy facility  
 Project Description: Environmental Assessment  
 Job Title and Duties: Environmental Assessment Practitioner / Project Manager  
 Value of Project: ± R 100,000

Location: Port Elizabeth, Eastern Cape, South Africa  
 Project duration & year: 18 months, 2009 to 2010  
 Client: Nelson Mandela Metropolitan Municipality  
 Name of Project: NMBM / CEF 27 MW Wind Energy Facility EIA  
 Project Description: Environmental Assessment for a 27 MW Wind Energy Facility on three potential sites within the Nelson Mandela Bay Municipal area  
 Job Title and Duties: Environmental Assessment Practitioner / Project Review  
 Value of Project: ± R 1,600,000

### **Key Experience: Environmental assessment: mining & industrial**

Location: Great Dyke (Selous to Ngezi), Zimbabwe  
 Project duration & year: 2 months, 2016  
 Client: Zimplats  
 Name of Project: Expansion at the Selous Metallurgical Complex: Environmental & Social Risk Assessment and Environmental and Social Management Plan for Step 1  
 Project Description: Environmental & Social Risk Assessment  
 Job Title and Duties: Project Manager, Environmental Assessment Practitioner  
 Value of Project: ± R 150,000

Location: Bas Congo Province, Democratic Republic of Congo  
 Project duration & year: May 2013 - August 2013  
 Client: Nyumba Ya Akiba sarl  
 Name of Project: Nyumba Ya Akiba 3,000 tpd Cement Project  
 Project Description: Environmental & Social Impact Assessment  
 Job Title and Duties: Client Liaison, Environmental Assessment Practitioner  
 Value of Project: ± USD 350,000

Location: Coega Industrial Development Zone, Eastern Cape, South Africa  
 Project duration & year: 12 months, 2012/13  
 Client: Afrisam (Pty) Ltd  
 Name of Project: Coega 3,000 tpd Cementitious Material Grinding & Blending Plant  
 Project Description: Environmental Impact Assessment  
 Job Title and Duties: Project Manager, Environmental Assessment Practitioner  
 Value of Project: ± R 700,000

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### **Key Experience: Environmental assessment: mining & industrial**

Location: Great Dyke (Selous to Ngezi), Zimbabwe  
 Project duration & year: 12 months, 2012  
 Client: Zimplats  
 Name of Project: Phase 3 Expansion: Consolidated Environmental Impact Assessment  
 Project Description: Environmental & Social Impact Assessment  
 Job Title and Duties: Project Manager  
 Value of Project: ± R 2,500,000

Location: Selous Metallurgical Complex, Zimbabwe  
 Project duration & year: 3 months, 2012  
 Client: Zimplats  
 Name of Project: Sulfur Dioxide Abatement Installation at Selous Metallurgical Complex (SMC)  
 Project Description: Environmental & Social Impact assessment  
 Job Title and Duties: Environmental Assessment Practitioner  
 Value of Project: ± R 1,500,000

Location: Paterson, Eastern Cape, South Africa  
 Project duration & year: 6 months, 2010  
 Client: Vulani Coronation Mining  
 Name of Project: Prospecting permit application for silica mine  
 Project Description: Environmental Management Plan for Prospecting Right  
 Job Title and Duties: Project Director  
 Value of Project: ± R 100,000

Location: Hankey, Eastern Cape, South Africa  
 Project duration & year: 4 months, 2009  
 Client: Nkari Mining  
 Name of Project: Prospecting EMP  
 Project Description: Environmental Management Programme  
 Job Title and Duties: Project Director / Environmental Assessment Practitioner  
 Value of Project: ± R 100,000

Location: Coega Industrial Development Zone, Eastern Cape, South Africa  
 Project duration & year: 18 months, 2006/2007  
 Client: Straits Chemicals  
 Name of Project: Straits Chemicals Chlor-Alkali Plant EIA  
 Project Description: Environmental Impact Assessment  
 Job Title and Duties: Project Manager, Environmental Assessment Practitioner  
 Value of Project: ± R 1,000,000



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### **Key Experience: Environmental assessment: housing / change in land use**

Location: Port Elizabeth, Eastern Cape, South Africa  
 Project duration & year: 9 months, 2014  
 Client: Nelson Mandela Bay Municipality  
 Name of Project: Walmer erf 1948 Housing Development  
 Project Description: Basic Assessment  
 Job Title and Duties: Environmental Assessment Practitioner, Project Review  
 Value of Project: ± R 150,000

Location: Port Elizabeth, Eastern Cape, South Africa  
 Project duration & year: 2014 - present  
 Client: Nelson Mandela Bay Municipality  
 Name of Project: Walmer erf 11305 Housing Development  
 Project Description: Environmental Impact Assessment  
 Job Title and Duties: Environmental Assessment Practitioner, Project Review  
 Value of Project: ± R 1,200,000

Location: Port Elizabeth, Eastern Cape, South Africa  
 Project duration & year: 36 months, 2012 – 2015  
 Client: Nelson Mandela Bay Municipality  
 Name of Project: Jachtvlake Integrated Human Settlement EIA  
 Project Description: Environmental Impact Assessment  
 Job Title and Duties: Environmental Assessment Practitioner, Project Review  
 Value of Project: ± R 1 000,000

Location: Gqebera, Walmer, Eastern Cape, South Africa  
 Project duration & year: 12 months, 2010  
 Client: Nelson Mandela Metropolitan Municipality  
 Name of Project: Walmer/Gqebera Low Cost Housing EIA  
 Project Description: Environmental Assessment  
 Job Title and Duties: Project Director / Environmental Assessment Practitioner  
 Value of Project: ± R 250,000

Location: Port Elizabeth, Eastern Cape, South Africa  
 Project duration & year: 2009 – 2016  
 Client: Nelson Mandela Bay Municipality  
 Name of Project: Seaview Low Cost Housing  
 Project Description: Environmental Impact Assessment for the development of a Low Cost Housing and associated wastewater treatment works  
 Job Title and Duties: Environmental Assessment Practitioner, Project Review  
 Value of Project: ± R 470,000

Location: Motherwell, Eastern Cape, South Africa  
 Project duration & year: 36 months (2009 to 2012)  
 Client: NuWay Housing  
 Name of Project: Coega Ridge Integrated Housing Development  
 Project Description: Environmental Impact Assessment  
 Job Title and Duties: Project Director / Environmental Assessment Practitioner  
 Value of Project: ± R 1 000,000

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### **Key Experience: Environmental assessment: housing / change in land use**

Location: Rosedale, Uitenhage, Eastern Cape, South Africa  
 Project duration & year: 9 months, 2009  
 Client: Nelson Mandela Metropolitan Municipality  
 Name of Project: Rosedale Low Cost Housing EIA  
 Project Description: Environmental Impact Assessment  
 Job Title and Duties: Project Director / Environmental Assessment Practitioner  
 Value of Project: ± R 200,000

Location: St Albans, Eastern Cape, South Africa  
 Project duration & year: 9 months, 2009  
 Client: Nelson Mandela Metropolitan Municipality  
 Name of Project: St Albans Low Cost Housing EIA  
 Project Description: Environmental Impact Assessment  
 Job Title and Duties: Project Director / Environmental Assessment Practitioner  
 Value of Project: ± R 300,000

Location: Port Elizabeth, Eastern Cape, South Africa  
 Project duration & year: 12 months, 2006  
 Client: Nelson Mandela Metropolitan Municipality  
 Name of Project: SEA of the Greater Happy Valley area  
 Project Description: Strategic Environmental Assessment  
 Job Title and Duties: Project Manager  
 Value of Project: ± R 150,000

Location: St Francis Bay, Eastern Cape, South Africa  
 Project duration & year: 9 months 2006  
 Client: Watersplash Investments (Pty) Ltd  
 Name of Project: Change in Land Use Application for Part 2 of Farm 707, Osbosch 707  
 Project Description: Environmental Scoping Study  
 Job Title and Duties: Project Manager  
 Value of Project: ± R 150,000

Location: Coega Industrial Development Zone, Eastern Cape, South Africa  
 Project duration & year: 18 months, 2005/2006  
 Client: Coega Development Corporation  
 Name of Project: Change in Land use of the Remainder of the Coega IDZ (± 7200 Hectares)  
 Project Description: Environmental Impact Assessment  
 Job Title and Duties: Project Manager, Environmental Assessment Practitioner  
 Value of Project: ± R 500,000

Location: Motherwell, Eastern Cape, South Africa  
 Project duration & year: 6 months, 2005  
 Client: Motherwell Urban Renewal Project  
 Name of Project: Motherwell Golf Course  
 Project Description: Environmental Scoping Study  
 Job Title and Duties: Project Manager, Environmental Assessment Practitioner  
 Value of Project: ± R 100,000

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### **Key Experience: Environmental assessment: housing / change in land use**

Location: Uitenhage, Eastern Cape, South Africa  
 Project duration & year: 8 months, 2004/2005  
 Client: Nelson Mandela Metropolitan Municipality  
 Name of Project: Nelson Mandela Bay Logistics Park Scoping Study  
 Project Description: Environmental Scoping Study  
 Job Title and Duties: Project Manager, Environmental Assessment Practitioner  
 Value of Project: ± R 100,000

Location: St Francis Bay, Eastern Cape, South Africa  
 Project duration & year: 9 months, 2003  
 Client: Golf Data  
 Name of Project: St Francis Golf Links EIA  
 Project Description: Environmental Impact Assessment  
 Job Title and Duties: Project Manager, Environmental Assessment Practitioner  
 Value of Project: ± R 300,000

### **Key Experience: Environmental auditing & due diligence**

Location: Grand Cape Mount County, Republic of Liberia  
 Project duration & year: 1 month, 2016  
 Client: Aureus Mining  
 Name of Project: New Liberty Gold Mine  
 Project Description: ISO 14001 compliance audit  
 Job Title and Duties: Lead Auditor  
 Value of Project: ± R 150,000

Location: Port Elizabeth, Eastern Cape, South Africa  
 Project duration & year: 2 months, 2014  
 Client: SAB Miller  
 Name of Project: Water Vulnerability Assessment for iBhayi Brewery, Perseverance, Port Elizabeth  
 Project Description: Assess vulnerability to changes in quality and availability of water supply  
 Job Title and Duties: Environmental Scientist  
 Value of Project: ± R 150,000

Location: Coega Industrial Development Zone, Eastern Cape, South Africa  
 Project duration & year: 6 months, 2012  
 Client: Coega Development Corporation  
 Name of Project: Environmental Due Diligence study for Zones 12 of the Coega Industrial Development Zone  
 Project Description: Phase 1 & 2 Environmental Due Diligence Study  
 Job Title and Duties: Project Manager, Environmental Scientist  
 Value of Project: ± R 250,000

Location: Port Elizabeth, Eastern Cape, South Africa  
 Project duration & year: 2 months, 2010  
 Client: Environ, on behalf of Evonik  
 Name of Project: Project Casablanca – Phase I Environmental Due Diligence of Algorax  
 Project Description: Phase 1 Environmental Due Diligence Study  
 Job Title and Duties: Environmental Scientist  
 Value of Project: ± R 150,000

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### **Key Experience: Environmental auditing & due diligence**

Location: Port Elizabeth, Eastern Cape, South Africa  
 Project duration & year: 2 months, 2009  
 Client: SAB Miller  
 Name of Project: Water Vulnerability Assessment for iBhayi Brewery, Perseverance, Port Elizabeth  
 Project Description: Assess vulnerability to changes in quality and availability of water supply  
 Job Title and Duties: Environmental Scientist  
 Value of Project: ± R 100,000

Location: Port Elizabeth, Eastern Cape, South Africa  
 Project duration & year: 2 months, 2009  
 Client: Coca Cola Fortune (Pty) Ltd  
 Name of Project: Water Vulnerability Assessment for Lakeside Plant, North End, Port Elizabeth  
 Project Description: Assess vulnerability to changes in quality and availability of water supply  
 Job Title and Duties: Environmental Scientist  
 Value of Project: ± R 100,000

Location: Coega Industrial Development Zone, Eastern Cape, South Africa  
 Project duration & year: 6 months, 2008  
 Client: Coega Development Corporation  
 Name of Project: Environmental Due Diligence study for Zones 6 & 7 of the Coega Industrial Development Zone  
 Project Description: Phase 1 & 2 Environmental Due Diligence Study  
 Job Title and Duties: Project Manager, Environmental Scientist  
 Value of Project: ± R 250,000

Location: Coega Industrial Development Zone, Eastern Cape, South Africa  
 Project duration & year: 6 months, 2004  
 Client: Coega Development Corporation  
 Name of Project: Environmental Due Diligence study for Zones 1, 2 and 3 of the Coega Industrial Development Zone  
 Project Description: Environmental Due Diligence Study  
 Job Title and Duties: Project Manager, Environmental Scientist  
 Value of Project: ± R 250,000

Location: Luanda, Angola  
 Project duration & year: 2 months, 2002  
 Client: BP  
 Name of Project: BP Waste Management Audits  
 Project Description: Third party waste contractor audits  
 Job Title and Duties: Lead Auditor  
 Value of Project: ± R 50,000

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### **Key Experience: Environmental monitoring & remediation**

Location: Paranam, Suriname  
 Project duration & year: 6 months, 2011 / 2012  
 Client: Suriname Aluminum Company, LLC  
 Name of Project: Geochemical assessment of pit lake water and sediment  
 Project Description: Water quality monitoring  
 Job Title and Duties: Environmental Scientist  
 Value of Project: R 300,000

Location: Port Elizabeth, Eastern Cape, South Africa  
 Project duration & year: 6 months, 2009  
 Client: Nelson Mandela Bay Municipality  
 Name of Project: North End Lake Water Quality Management Plan  
 Project Description: Water Quality Management Plan  
 Job Title and Duties: Project Manager, Environmental Scientist  
 Value of Project: R 150,000

Location: Struandale, Port Elizabeth, Eastern Cape, South Africa  
 Project duration & year: 6 months, 2009  
 Client: Nelson Mandela Metropolitan Municipality  
 Name of Project: Decommissioning of the NMBM Gas Works  
 Project Description: Basic Assessment  
 Job Title and Duties: Project Director / Environmental Assessment Practitioner  
 Value of Project: ± R 150,000

Location: Port Elizabeth, Eastern Cape, South Africa  
 Project duration & year: 2 years, 2005/2007  
 Client: Confidential  
 Name of Project: Groundwater Contamination Assessment at manufacturing concern  
 Project Description: Delineation and monitoring of chlorinated hydrocarbon plume in groundwater  
 Job Title and Duties: Project Manager, Environmental Scientist  
 Value of Project: ± R 600,000

Location: Port Elizabeth, Eastern Cape, South Africa  
 Project duration & year: 2 years, 2003/2004  
 Client: Client confidential  
 Name of Project: In-Situ Chemical Oxidation of Chlorinated Hydrocarbon Contamination  
 Project Description: In-situ chemical oxidation with potassium permanganate  
 Job Title and Duties: Project Manager, Environmental Scientist  
 Value of Project: ± R 500,000

Location: Port of Port Elizabeth, Eastern Cape, South Africa  
 Project duration & year: 3 months, 2003  
 Client: Transnet National Port Authority  
 Name of Project: Water Quality Monitoring Programme for the Port of Port Elizabeth  
 Project Description: Development of a water quality monitoring programme  
 Job Title and Duties: Project Manager, Environmental Scientist  
 Value of Project: ± R 50,000

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### **Key Experience: Environmental assessment: waste management**

Location: Port of Port Elizabeth and Port of Ngqura, Eastern Cape, South Africa  
 Project duration & year: 12 months, 2009/2010  
 Client: Transnet National Ports Authority  
 Name of Project: Waste Management Plans for the Ports of Port Elizabeth and Ngqura  
 Project Description: Waste Management Plan  
 Job Title and Duties: Project Director  
 Value of Project: ± R 500,000

Location: Nelson Mandela Bay Municipality, Eastern Cape, South Africa  
 Project duration & year: 24 months, 2008 to 2009  
 Client: Nelson Mandela Metropolitan Municipality  
 Name of Project: NMBM Waste Transfer Sites: Environmental Screening  
 Project Description: Environmental Screening / Site selection  
 Job Title and Duties: Project Director  
 Value of Project: ± R 300,000

Location: Cacadu District Municipality, Eastern Cape, South Africa  
 Project duration & year: 2 months, 2008  
 Client: Cacadu District Municipality  
 Name of Project: Cacadu District Municipality: Integrated Waste Management Plan  
 Project Description: Status Quo Assessment of Waste Management Facilities  
 Job Title and Duties: Project Manager  
 Value of Project: ± R 60,000

Location: Graaff Reinet, Eastern Cape, South Africa  
 Project duration & year: 24 months, 2007 to 2008  
 Client: Camdeboo Local Municipality  
 Name of Project: Establishment of new landfill site for Graaff Reinet  
 Project Description: Environmental Impact Assessment  
 Job Title and Duties: Project Director / Environmental Assessment Practitioner  
 Value of Project: ± R 250,000

Location: Walmer, Eastern Cape, South Africa  
 Project duration & year: 6 months, 2004  
 Client: Nelson Mandela Metropolitan Municipality  
 Name of Project: Walmer Qebera Landfill Site: Landfill Gas Risk Assessment  
 Project Description: Qualitative Environmental Risk Assessment  
 Job Title and Duties: Environmental Assessor  
 Value of Project: ± R 100,000

Location: iBhayi, Eastern Cape, South Africa  
 Project duration & year: 9 months, 2002  
 Client: Nelson Mandela Metropolitan Municipality  
 Name of Project: iBhayi Landfill Site: Application for Buffer Zone Relaxation  
 Project Description: Quantitative Environmental Risk Assessment  
 Job Title and Duties: Project Manager  
 Value of Project: ± R 150,000

# Rob Gardiner

## Principal Environmental Scientist

### **Key Experience: Environmental management systems**

Location: Cato Ridge, KwaZulu Natal, South Africa  
 Project duration & year: 5 months, 2003  
 Client: Assmang  
 Name of Project: ISO 14001 Implementation  
 Project Description: Environmental Management System (ISO 14001 compliant)  
 Job Title and Duties: Project Review  
 Value of Project: ± R 200,000

Location: Nelson Mandela Metropolitan Municipality, Eastern Cape, South Africa  
 Project duration & year: 3 years, 2002 to 2005  
 Client: Nelson Mandela Metropolitan Municipality  
 Name of Project: Environmental Management System implementation  
 Project Description: Environmental Management System (ISO 14001 based)  
 Job Title and Duties: Project Manager, Environmental Consultant  
 Value of Project: ± R 1,200,000

Location: Port Elizabeth, Eastern Cape, South Africa  
 Project duration & year: 9 months, 2002  
 Client: Delphi Catalysts  
 Name of Project: 14001 implementation  
 Project Description: Environmental Management System (ISO 14001 certified)  
 Job Title and Duties: Environmental Consultant  
 Value of Project: ± R 150,000

Location: Port Elizabeth, Eastern Cape, South Africa  
 Project duration & year: 4 months, 2000  
 Client: PPC  
 Name of Project: PPC Grassridge Quarry: ISO 14001 implementation  
 Project Description: Environmental Management System (ISO 14001 certified)  
 Job Title and Duties: Technical advisor  
 Value of Project: ± R 50,000

Location: Port Elizabeth, Eastern Cape, South Africa  
 Project duration & year: 4 months, 1999  
 Client: CSIR, Division of Textile Technology  
 Name of Project: ISO 14001 implementation  
 Project Description: Environmental Management System (ISO 14001 certified)  
 Job Title and Duties: Technical advisor  
 Value of Project: ± R 50,000

Location: Port Elizabeth, Eastern Cape, South Africa  
 Project duration & year: 9 months, 1998/1999  
 Client: Duracell Eveready  
 Name of Project: Duracell Eveready: ISO 14001 implementation  
 Project Description: Environmental Management System (ISO 14001 certified)  
 Job Title and Duties: Environmental Consultant  
 Value of Project: ± R 150,000

# Rob Gardiner

## Principal Environmental Scientist

### Key Experience:

### External review

Location: Graaff-Reinet, Eastern Cape  
 Project duration & year: 4 months, 2015  
 Client: Richardt van Rensburg Inc  
 Name of Project: Irharfu Minerals, erf 1814, Graaff-Reinet  
 Project Description: Review of the Draft EIA & EMP for the mining of hard rock aggregate on erf 1814, Graaff-Reinet, adjacent to the Camdeboo National Park  
 Job Title and Duties: External reviewer  
 Value of Project: ± R 200,000

Location: Port Elizabeth, Eastern Cape  
 Project duration & year: 1 Month, 2015  
 Client: Nelson Mandela Bay Municipality  
 Name of Project: Kabega Road low level bridge review  
 Project Description: Review of the environmental assessment and EMP for repair works to the Kabega Road low level bridge  
 Job Title and Duties: External reviewer  
 Value of Project: ± R 20,000

Location: Port Elizabeth, Eastern Cape  
 Project duration & year: 2 months, 2014  
 Client: Chlor Alkali Holdings  
 Name of Project: Cerebos Closure Liability Assessment  
 Project Description: External review of mine closure costs for Cerebos' Coega River, Sundays River, Swartkops River, and Berg River saltpans.  
 Job Title and Duties: External reviewer  
 Value of Project: R 200,000



# Scott Masson

## Senior Consultant



**Profession** Environmental Consultant

**Education** MLA, L. Arch, Cape Town, 2008  
BSc (Hons), Environmental Management, Cape Town, 2004  
BSc, Environmental Management, Cape Town, 2003

**Registrations/  
Affiliations** Certified Environmental Assessment Practitioner (South Africa)  
Member of National Association for Clean Air

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### Specialisation

Visual impact assessment, environmental impact assessment, environmental planning and site sensitivity studies.

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### Expertise

Scott has been involved in the environmental and landscape architecture field for the past 9 years. His expertise includes:

- visual impact assessment;
- environmental impact assessment;
- environmental management programmes;
- integrated water and waste management plans;
- environmental audits and due diligence; and
- environmental planning and sensitivity studies.

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### Employment

**2011 – present** SRK Consulting (Pty) Ltd, Environmental Consultant, Cape Town  
**2009 – 2011** Megan Anderson Landscape Architects, Candidate Landscape Architect

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### Languages

English – read, write, speak (Excellent)  
Afrikaans – read, write, speak (Fair)

# Scott Masson

## Senior Consultant

### Publications

1. Masson, S. (2008). Student Design Competition for the Mouille Point Promenade and Beachfront. Landscape Architecture (China) Vol. 2008/03.

I have been interviewed and quoted in numerous environmental and sustainability articles published in the press and sector specific journals. Recent articles include:

1. Red Tape not insurmountable for those looking to help boost water supply. *Bizcommunity*. March 2018.
2. Engineering in the eye of the beholder. *Civil Engineering Contractor*. June 2014, p8.
3. Incorporating visual impact assessments into projects. *Position IT*. June 2014, p54.
4. Engineering in the eye of the beholder. *Cape Business News*. July 2014. Available online: <http://www.cbn.co.za/component/k2/item/2025-engineering-in-the-eye-of-the-beholder>
5. Engineering in the eye of the beholder. *To Build*. July 2014, p44-45.

### Conferences/Workshops

I have attended a number of conferences/workshops including:

1. DEA&DP Workshop on EIA Regulations 2014. 12 December 2014.
2. NACA Air Quality Management Seminar. 5 November 2014.
3. IAIA Western Cape Air Quality Workshop. 23 July 2014.
4. DEA&DP Workshop on EIA Regulations 2010. July 2010.

# Scott Masson

## Senior Consultant

### Key Experience: Environmental impact assessments (EIA)

Location: Koekenaap, Western Cape

Project duration & year: 2019

Client: Tronox Mineral Sands

Name of Project: MSP LNG Plant

Project Description: Basic Assessment and AEL variation for a LNG Plant

Job Title and Duties: Project Manager

Value of Project: R400 000

Location: Cape Town, South Africa

Project duration & year: 2019

Client: Project Assignments

Name of Project: Biogas Beneficiation Facility at Cape Flats Wastewater Treatment Works

Project Description: EIA for Biogas Beneficiation Facility

Job Title and Duties: Project Consultant

Value of Project: R450 000

Location: West Coast, South Africa

Project duration & year: 2019

Client: Eskom

Name of Project: Battery Storage

Project Description: Basic Assessments for grid-scale battery storage at five substations

Job Title and Duties: Project Consultant

Value of Project: R400 000

Location: West Coast, South Africa

Project duration & year: 2018 & 2019

Client: Ricocure (Pty) Ltd

Name of Project: Exploration Rights for Offshore Block 3B and Inshore Block 3B/4B

Project Description: EIAs for Exploration Right Application

Job Title and Duties: Project Manager

Value of Project: R300 000

Location: West Coast, South Africa

Project duration & year: 2018

Client: Sezigyn (Pty) Ltd

Name of Project: Exploration Rights for Offshore Mid Orange Basin and Deep Western Orange Basin

Project Description: EIAs for Exploration Right Applications

Job Title and Duties: Project Manager

Value of Project: R300 000

Location: West Coast, South Africa

Project duration & year: 2017 - 2018

Client: Impact Africa Ltd

Name of Project: Orange Basin Deep Block Seismic Survey

Project Description: EIA for an offshore seismic survey

Job Title and Duties: Project Manager

Value of Project: R500 000

Location: Koekenaap, Western Cape

Project duration & year: 2016

Client: Mineral Sands Resources

Name of Project: Tormin Mine Extension

Project Description: EIA for the proposed extension of Tormin Mine

Job Title and Duties: Joint Project Manager

Value of Project: R2.5 million

# Scott Masson

## Senior Consultant

### Key Experience: Environmental impact assessments (EIA)

Location: Mossel Bay, Western Cape  
 Project duration & year: 2016-2017  
 Client: PetroSA  
 Name of Project: Environmental Assessment of the Proposed E-BK Offshore Development  
 Project Description: EIA for offshore drilling  
 Job Title and Duties: Project Manager  
 Value of Project: R 450 000

Location: West Coast, Western Cape  
 Project duration & year: 2015-2017  
 Client: Eskom  
 Name of Project: Koeberg TISF EIA  
 Project Description: EIA for the proposed TISF at Koeberg  
 Job Title and Duties: Project Consultant: assisting Project Manager with project administration and report writing  
 Value of Project: R1.5 million

Location: West Coast, Western Cape  
 Project duration & year: 2014-2016  
 Client: Matzikama Municipality  
 Name of Project: Doringbaai Aquaculture Farms EIA  
 Project Description: EIA for proposed aquaculture farms at Doringbaai  
 Job Title and Duties: Project Manager  
 Value of Project: R 1.2 million

Location: Liberia  
 Project duration & year: 2014- project on hold  
 Client: West Africa Exploration  
 Name of Project: Liberia Iron Ore Export ESIA  
 Project Description: ESIA for the iron ore export infrastructure (haul road, rail and port) in Liberia  
 Job Title and Duties: Project consultant: assisting Project Manager with report writing.  
 Value of Project: R 2.4 million

Location: West Coast, Western Cape  
 Project duration & year: 2014-2015 (project cancelled)  
 Client: Tronox Namakwa Sands  
 Name of Project: Brand-se-Baai Abalone Farm EIA  
 Project Description: EIA for proposed abalone farm at Brand-se-Baai  
 Job Title and Duties: Project Manager  
 Value of Project: R 1.2 million

Location: Kraaifontein, Western Cape  
 Project duration & year: 2014-2015  
 Client: Eskom  
 Name of Project: Eskom Double Circuit 132kV Powerline and Denova 132/11kV Substation  
 Project Description: Basic Assessment and Water Use Licence Application  
 Job Title and Duties: Project Manager  
 Value of Project: R 300 000

Location: Okiep and Steinkopf, Northern Cape  
 Project duration & year: 2014-2015  
 Client: UWP Consulting Engineers  
 Name of Project: Rehabilitation of the N7 between Okiep and Steinkopf  
 Project Description: Basic Assessment, Stakeholder Engagement and Environmental Management Programme  
 Job Title and Duties: Project Manager  
 Value of Project: R 400 000

# Scott Masson

## Senior Consultant

### Key Experience: Environmental impact assessments (EIA)

Location: City of Cape Town, Overstrand Municipality, Drakenstein Municipality and Theewaterskloof Municipality, Western Cape  
 Project duration & year: 2014  
 Client: Department of Environmental Affairs  
 Name of Project: Various  
 Project Description: Basic Assessments in support of WMLs for 21 Waste Disposal Sites in the Western Cape  
 Job Title and Duties: Project Consultant  
 Value of Project: R 2 million

Location: Cape Town, Western Cape  
 Project duration & year: 2012-2017  
 Client: Airports Company of South Africa  
 Name of Project: CTIA Runway Re-alignment EIA  
 Project Description: EIA for proposed realignment of runway at Cape Town International Airport  
 Job Title and Duties: Project Consultant  
 Value of Project: R 2 million

Location: Saldanha, Western Cape  
 Project duration & year: 2012-2014  
 Client: Rare Metals Industry  
 Name of Project: RMI Specialty Metals Complex  
 Project Description: Scoping Study for a rare metals specialty complex  
 Job Title and Duties: Project Consultant  
 Value of Project: R 250 000

Location: Bonnievale, Western Cape  
 Project duration & year: 2012-2013  
 Client: Langeberg Municipality  
 Name of Project: Stockwell Landfill WML  
 Project Description: BA in support of a WML for the proposed municipal landfill at Stockwell, Bonnievale  
 Job Title and Duties: Project Consultant  
 Value of Project: R 350 000

Location: Stellenbosch, Western Cape  
 Project duration & year: 2012-2014  
 Client: WSP SA Civil and Structural Engineers (Pty) Ltd  
 Name of Project: Rehabilitation of Annandale Road  
 Project Description: Basic Assessment, Stakeholder Engagement and Water Use Licence Application  
 Job Title and Duties: Project Manager  
 Value of Project: R140 000

Location: Matola Port, Maputo, Mozambique  
 Project duration & year: 2012  
 Client: Hatch on behalf of Grindrod Terminals  
 Name of Project: Phase 4 development of TCM, Matola Port  
 Project Description: Environmental Scoping Study and Environmental Impact Assessment  
 Job Title and Duties: Project consultant: assisting Project Manager with project administration and report writing.  
 Value of Project: \$ 400 000

## Scott Masson

### Senior Consultant

#### **Key Experience: Environmental impact assessments (EIA)**

Location: Saldanha and Brand-se-Baai, Western Cape  
 Project duration & year: 2011-2013  
 Client: Exxaro TSA Sands (Pty) Ltd  
 Name of Project: Exxaro Ilmenite Shed and UMM Plant Dryer Basic Assessment  
 Project Description: A BA for a new warehouse storage shed at Namakwa Sands Smelter Plant in Saldanha and a BA for a dryer unit in the UMM Plant at the Namakwa Sands Mine in Brand-se-Baai.  
 Job Title and Duties: Project Manager  
 Value of Project: R400 000

Location: Saldanha, Western Cape  
 Project duration & year: 2011  
 Client: Premier Fishing (Pty) Ltd  
 Name of Project: Re-commissioning of Premier Fishing's Fishmeal Processing Plant at Saldanha  
 Project Description: EIA for proposed re-establishment of fish meal plant in Saldanha Bay  
 Job Title and Duties: Project Consultant  
 Value of Project: R850 000

#### **Key Experience: Environmental planning and management**

Location: Aggeneys, Northern Cape  
 Project duration & year: 2018-2019  
 Client: Black Mountain Mining (Pty) Ltd  
 Name of Project: IWWMP updates for Black Mountain Mine and Gamsberg Mine  
 Project Description: IWWMP Updates  
 Job Title and Duties: Project Manager  
 Value of Project: R 150 000

Location: Lutzville, Western Cape  
 Project duration & year: 2016-2017  
 Client: Tiger Brands  
 Name of Project: Tiger Brands Tomato Paste Plant IWWMP  
 Project Description: IWWMP  
 Job Title and Duties: Project Manager  
 Value of Project: R 110 000

Location: Gamsberg, Northern Cape  
 Project duration & year: 2016-2017  
 Client: Black Mountain Mining (Pty) Ltd  
 Name of Project: Gamsberg Mine EMPr Amendment  
 Project Description: EMPr Amendment  
 Job Title and Duties: Project Manager  
 Value of Project: R 120 000

Location: Velddrif, Western Cape  
 Project duration & year: 2015-2016  
 Client: African Inter-Continental Enterprises (Pty) Ltd  
 Name of Project: Velddrif Desalination Plant  
 Project Description: EA Amendment and EMP  
 Job Title and Duties: Project Manager  
 Value of Project: R 230 000

# Scott Masson

## Senior Consultant

### Key Experience: Environmental planning and management

Location: Cape Town Harbour, Western Cape  
 Project duration & year: 2015-2016  
 Client: Chevron South Africa (Pty) Ltd  
 Name of Project: Chevron CWDP Application  
 Project Description: Coastal Waters Discharge Permit Application for the Upgrade of Tank 25-D1 at Cape Town Harbour  
 Job Title and Duties: Project Manager  
 Value of Project: R 120 000

Location: Langebaan, Saldanha Bay Municipality  
 Project duration & year: 2016  
 Client: Nadeson Consulting Services  
 Name of Project: Noord Street Stormwater Outlet Maintenance Management Plan  
 Project Description: Maintenance Management Plan for a stormwater outlet in Langebaan  
 Job Title and Duties: Project Manager  
 Value of Project: R55 000

Location: Stellenbosch, Western Cape  
 Project duration & year: 2015-2016  
 Client: Nadeson Consulting  
 Name of Project: Bottelary School WUA  
 Project Description: Application for Water Use Authorisation Application for Bottelary Primary School  
 Job Title and Duties: Project Manager  
 Value of Project: R70 000

Location: Kimberley, Northern Cape  
 Project duration & year: 2014-2016  
 Client: De Beers Kimberley Mines  
 Name of Project: De Beers Buffalo Camp  
 Project Description: EMPR Addendum  
 Job Title and Duties: Project Manager  
 Value of Project: R 260 000

Location: Sunset Beach, Cape Town  
 Project duration & year: 2014  
 Client: SAOTA  
 Name of Project: Venus 7, Sunset Beach  
 Project Description: Application for Ad Hoc Development Setback Line Adoption/Delineation  
 Job Title and Duties: Project Manager  
 Value of Project: R12 000

Location: St Helena, Western Cape  
 Project duration & year: 2014-2015  
 Client: Lucky Star  
 Name of Project: St Helena Fishmeal Plant CWDP  
 Project Description: Coastal Waters Discharge Permit Application and PPP  
 Job Title and Duties: Project Manager  
 Value of Project: R 50 000

Location: Kimberley, Northern Cape  
 Project duration & year: 2013-2014  
 Client: De Beers Consolidated Mines  
 Name of Project: EMPR Amendment for Raising of the CTP FRD Wall, Calcrete Borrow Pit, TMR Live Stockpile and Emergency Tailings Facility at Kimberley Mines  
 Project Description: EMPR Amendment  
 Job Title and Duties: Project Manager  
 Value of Project: R 250 000

# Scott Masson

## Senior Consultant

### Key Experience: Environmental planning and management

Location: Brand-se-Baai, Western Cape  
 Project duration & year: 2013-2014  
 Client: Tronox Mineral Sands (Pty) Ltd  
 Name of Project: Namakwa Sands Northern Operations IWWMP  
 Project Description: Integrated Water and Waste Management Plan for the Namakwa Sands Mine and MSP.  
 Job Title and Duties: Project Manager  
 Value of Project: R100 000

Location: Saldanha, Western Cape  
 Project duration & year: 2013  
 Client: Tronox Mineral Sands (Pty) Ltd  
 Name of Project: Namakwa Sands Smelter IWWMP  
 Project Description: Integrated Water and Waste Management Plan for the Namakwa Sands Smelter Plant.  
 Job Title and Duties: Project Manager  
 Value of Project: R100 000

Location: University of Cape Town, Western Cape  
 Project duration & year: 2013-ongoing  
 Client: Planning and Landscape Architecture Department, UCT  
 Name of Project: Landscape Systems and Terrain Analysis Course  
 Project Description: Series of lectures to MLA students  
 Job Title and Duties: Course Convenor and Lecturer  
 Value of Project: n/a

Location: West Coast, Western Cape  
 Project duration & year: 2011-2013  
 Client: West Coast District Municipality (WCDM)  
 Name of Project: WCDM Integrated Coastal Management Programme  
 Project Description: Development of a coastal management programme for the West Coast District.  
 Job Title and Duties: Project Consultant  
 Value of Project: R450 000

Location: Tsantsabane Municipality, Northern Cape  
 Project duration & year: 2013  
 Client: Search Ahead Invest (Pty) Ltd  
 Name of Project: Permit 306 and Boskop EMP  
 Project Description: Environmental management Plan for a Prospecting Right Application of five Portions of Farm Macarthy 559, Northern Cape.  
 Job Title and Duties: Project Manager  
 Value of Project: R100 000

Location: University of Cape Town, Western Cape  
 Project duration & year: 2012  
 Client: Planning and Landscape Architecture Department, UCT  
 Name of Project: Regional Planning Course  
 Project Description: Regional planning Studio assistant  
 Job Title and Duties: Studio Assistant  
 Value of Project: n/a



## Scott Masson

### Senior Consultant

#### **Key Experience: Environmental planning and management**

Location: Brand-se-Baai, Western Cape  
 Project duration & year: 2011-2012  
 Client: Exxaro TSA Sands (Pty) Ltd  
 Name of Project: Disposal of Toliara Sands at Namakwa Sands West Mine  
 Project Description: Assisted Exxaro in determining environmental legal requirements for the disposal of heavy mineral sands at Namakwa Sands West Mine. Included an EMPR Amendment Report.  
 Job Title and Duties: Project Consultant  
 Value of Project: R35 000

Location: Brand-se-Baai, Western Cape  
 Project duration & year: Oct 2011 – Dec 2011  
 Client: Exxaro TSA Sands (Pty) Ltd  
 Name of Project: Namakwa Sands EMPR Amendment Report  
 Project Description: EMPR Amendment Report for the proposed UMM Plant at the Namakwa Sands Mine.  
 Job Title and Duties: Project Consultant  
 Value of Project: R20 000

#### **Key Experience: Environmental auditing and due diligence**

Location: Aggeneys, Northern Cape  
 Project duration & year: 2018-2019  
 Client: Black Mountain Mining (Pty) Ltd  
 Name of Project: BMM Water Use Licence Audits  
 Project Description: Audits of Black Mountain Mine and Gamsberg Mine WULs  
 Job Title and Duties: Project Manager  
 Value of Project: R 120 000

Location: Saldanha, Western Cape  
 Project duration & year: 2018  
 Client: Easigas (Pty) Ltd  
 Name of Project: Environmental Due Diligence of Avedia LPG Import Terminal  
 Project Description: Environmental Due Diligence  
 Job Title and Duties: Project Manager  
 Value of Project: R 90 000

Location: Soyo, Angola  
 Project duration & year: 2017  
 Client: AES  
 Name of Project: AES OEL Audit  
 Project Description: Audit of the Soyo Landfill Environmental Operations Licence  
 Job Title and Duties: Project Manager  
 Value of Project: Euros 10 000

Location: Luanda, Angola  
 Project duration & year: 2017  
 Client: AES  
 Name of Project: AES OEL Audit  
 Project Description: Audit of the Total Waste Management Facility Environmental Operations Licence  
 Job Title and Duties: Project Manager  
 Value of Project: Euros 12 000

## Scott Masson

### Senior Consultant

#### **Key Experience: Environmental auditing and due diligence**

Location: West Coast, Western Cape  
 Project duration & year: 2014 and 2016  
 Client: Tronox Namakwa Sands  
 Name of Project: EMP Performance Assessment Audit  
 Project Description: Assessment of Namakwa Sands' Northern Operations performance against commitments in EMP  
 Job Title and Duties: Project Consultant  
 Value of Project: R180 000

Location: West Coast, Western Cape  
 Project duration & year: 2014 and 2015  
 Client: Tronox Namakwa Sands  
 Name of Project: Water Use Licence Audit  
 Project Description: Assessment of Namakwa Sands' performance against commitments in licences for the Mine, MSP and Smelter  
 Job Title and Duties: Project Consultant  
 Value of Project: R160 000/year

#### **Key Experience: Air quality**

Location: Brand-se-Baai, Western Cape  
 Project duration & year: 2019  
 Client: Tronox Mineral Sands  
 Name of Project: UMM Plant AEL Variation  
 Project Description: Variation of the UMM Plant AEL for a LNG Plant  
 Job Title and Duties: Project Manager  
 Value of Project: R200 000

Location: Koekenaap, Western Cape  
 Project duration & year: 2018  
 Client: Tronox Mineral Sands  
 Name of Project: MSP AEL Renewal  
 Project Description: Renewal of the Atmospheric Emissions Licence for the Namakwa Sands MSP  
 Job Title and Duties: Project Manager  
 Value of Project: R200 000

Location: Brand-se-Baai, Western Cape  
 Project duration & year: 2018  
 Client: Tronox Mineral Sands  
 Name of Project: UMM Plant AEL Renewal  
 Project Description: Renewal of the Provisional Atmospheric Emissions Licence for the Namakwa Sands UMM Plant  
 Job Title and Duties: Project Manager  
 Value of Project: R200 000

Location: Saldanha, Western Cape  
 Project duration & year: 2018  
 Client: Tronox Mineral Sands  
 Name of Project: Smelter AEL Renewal and Variation  
 Project Description: Renewal and variation of the Atmospheric Emissions Licence for the Namakwa Sands Smelter Plant  
 Job Title and Duties: Project Manager  
 Value of Project: R300 000

## Scott Masson

### Senior Consultant

#### **Key Experience: Air quality**

Location: Koekenaap, Western Cape  
 Project duration & year: 2015-2016  
 Client: Tronox Namakwa Sands  
 Name of Project: MSP AEL  
 Project Description: Application for an Atmospheric Emission Licence for the Mineral Separation Plant  
 Job Title and Duties: Project Manager  
 Value of Project: R112 000

Location: Koekenaap, Western Cape  
 Project duration & year: 2014-2015  
 Client: Tronox Namakwa Sands  
 Name of Project: Postponement Application from MES for MSP  
 Project Description: Application for Postponement of Timeframes relating to Minimum Emission Standards for the MSP  
 Job Title and Duties: Project Consultant  
 Value of Project: R250 000

Location: Cape Town, Western Cape  
 Project duration & year: 2014-2015  
 Client: Chevron  
 Name of Project: Postponement Application from MES for Chevron Refinery  
 Project Description: Application for Postponement of Timeframes relating to Minimum Emission Standards for the Chevron Refinery  
 Job Title and Duties: Stakeholder Engagement  
 Value of Project: R750 000

Location: St Helena, Western Cape  
 Project duration & year: 2013  
 Client: Lucky Star  
 Name of Project: Luck Star AEL Renewal PP  
 Project Description: Public Participation for the Renewal of the Atmospheric Emission Licence for the Lucky Star Fishmeal Plant in St Helena  
 Job Title and Duties: Project Consultant  
 Value of Project: R30 000

Location: Saldanha, Western Cape  
 Project duration & year: 2012  
 Client: Tronox Mineral Sands  
 Name of Project: Smelter AEL Renewal  
 Project Description: Renewal of the Atmospheric Emissions Licence for the Namakwa Sands Smelter Plant  
 Job Title and Duties: Project Manager  
 Value of Project: R150 000

#### **Key Experience: Visual impact assessment (VIA)**

Location: Molteno, Eastern Cape  
 Project duration & year: 2019-  
 Client: SRK Port Elizabeth  
 Name of Project: Molteno Wind Energy Facility  
 Project Description: VIA for the Molteno WEF  
 Job Title and Duties: Visual Specialist: mapping, sensitivity study and impact assessment  
 Value of Project: R140 000

# Scott Masson

## Senior Consultant

### Key Experience: Visual impact assessment (VIA)

Location: Emalahleni, Mpumalanga  
 Project duration & year: 2019-  
 Client: Anglo American Platinum  
 Name of Project: SACE Lifex Extension  
 Project Description: Visual inputs for Pre-Feasibility Study for the expansion of SACE Lifex Coal Mine  
 Job Title and Duties: Project Consultant  
 Value of Project: R90 000

Location: Limpopo, South Africa  
 Project duration & year: 2018-2019  
 Client: Anglo American Platinum  
 Name of Project: Der Brochen Expansion Project  
 Project Description: VIA for the Der Brochen Expansion Project  
 Job Title and Duties: Project Consultant  
 Value of Project: R30 000

Location: Cape Town, Western Cape  
 Project duration & year: 2018-2019  
 Client: Stonehill Property Fund Ltd  
 Name of Project: Lions Hill Estate  
 Project Description: VIA for the proposed Lions Hill estate  
 Job Title and Duties: Visual Specialist: mapping, sensitivity study and impact assessment  
 Value of Project: R70 000

Location: South Africa  
 Project duration & year: 2018  
 Client: Sivest  
 Name of Project: VIA Review  
 Project Description: Independent review of (various) Visual Impact Assessments  
 Job Title and Duties: Independent Reviewer  
 Value of Project: R8000 per VIA

Location: South Africa  
 Project duration & year: 2018  
 Client: CSIR  
 Name of Project: Strategic Environmental Assessment (SEA) for Electrical Grid Infrastructure  
 Project Description: Expert review of the Visual Resources Chapter of the SEA  
 Job Title and Duties: External Reviewer  
 Value of Project: n/a

Location: South Africa  
 Project duration & year: 2017  
 Client: CSIR  
 Name of Project: Strategic Environmental Assessment (SEA) for Aquaculture  
 Project Description: Expert review of the Visual Resources Chapter of the SEA  
 Job Title and Duties: External Reviewer  
 Value of Project: n/a

Location: Ceres, Western Cape  
 Project duration & year: 2017  
 Client: Eskom  
 Name of Project: VIA for Romansrivier – Ceres Powerline  
 Project Description: VIA for the proposed 66/132 kV powerline  
 Job Title and Duties: Visual Specialist: mapping, sensitivity study and impact assessment  
 Value of Project: R70 000

## Scott Masson

### Senior Consultant

#### **Key Experience: Visual impact assessment (VIA)**

Location: Koekenaap, Western Cape  
 Project duration & year: 2016-2017  
 Client: Mineral Sands Resources  
 Name of Project: VIA for Tormin Mine Extension  
 Project Description: VIA for the proposed extension of Tormin Mine  
 Job Title and Duties: Visual Specialist: mapping, sensitivity study and impact assessment  
 Value of Project: R100 000

Location: Ghana  
 Project duration & year: 2016-2017  
 Client: CSIR  
 Name of Project: Wind Energy Facilities in Greater Accra District  
 Project Description: VIA for the construction of two wind energy facilities in the Greater Accra District, Ghana  
 Job Title and Duties: Visual Specialist: mapping, sensitivity study and impact assessment  
 Value of Project: R100 000

Location: Brand-se-Baai, Western Cape  
 Project duration & year: 2016  
 Client: Tronox Namakwa Sands  
 Name of Project: Slimes Dam 6 VIA  
 Project Description: VIA for the construction of Slimes Dam 6 and associated infrastructure at the Tronox Namakwa Sands West Mine  
 Job Title and Duties: Visual Specialist: mapping, sensitivity study and impact assessment  
 Value of Project: R30 000

Location: Saldanha, Western Cape  
 Project duration & year: 2016  
 Client: Department of Agriculture, Forestry and Fisheries  
 Name of Project: Saldanha Bay Aquaculture Development Zone VIA  
 Project Description: VIA for the development of a aquaculture development zone in Saldanha Bay  
 Job Title and Duties: Visual Specialist: mapping, sensitivity study and impact assessment  
 Value of Project: R50 000

Location: Ceres, Western Cape  
 Project duration & year: 2016  
 Client: Eskom  
 Name of Project: VIA for Bon Chretien – Merino Powerline  
 Project Description: VIA for the proposed 132 kV powerline  
 Job Title and Duties: Visual Specialist: mapping, sensitivity study and impact assessment  
 Value of Project: R60 000

Location: Saldanha, Western Cape  
 Project duration & year: 2015 - 2016  
 Client: Transnet Capital Projects  
 Name of Project: Port of Saldanha Bulk Power Infrastructure VIA  
 Project Description: VIA for the construction of additional substations, transmission infrastructures and area lighting masts near the Port of Saldanha  
 Job Title and Duties: Visual Specialist: mapping, sensitivity study and impact assessment  
 Value of Project: R40 000

# Scott Masson

## Senior Consultant

### Key Experience: Visual impact assessment (VIA)

Location: Hermanus, Western Cape  
 Project duration & year: 2015-2017  
 Client: EFG Engineers  
 Name of Project: Hermanus Bypass VIA  
 Project Description: VIA for a the proposed bypass road in Hermanus  
 Job Title and Duties: Visual Specialist: mapping, sensitivity study and impact assessment  
 Value of Project: R49 000

Location: Cape Town, Western Cape  
 Project duration & year: 2015-2017  
 Client: Liesbeek Leisure Club (Pty) Ltd  
 Name of Project: River Club Redevelopment VIA  
 Project Description: VIA for a the proposed redevelopment of the River Club  
 Job Title and Duties: Visual Specialist: opportunities and constraints, mapping, sensitivity study, and impact assessment  
 Value of Project: R55 000

Location: West Coast, Western Cape  
 Project duration & year: 2015-2016  
 Client: Eskom  
 Name of Project: Koeberg TISF VIA  
 Project Description: VIA for the proposed TISF at Koeberg  
 Job Title and Duties: Visual Specialist: mapping, sensitivity study, impact assessment and modelling  
 Value of Project: R42 000

Location: Brand-se-Baai, Western Cape  
 Project duration & year: 2012-2013  
 Client: Tronox Mineral Sands  
 Name of Project: Namakwa Sands VIA  
 Project Description: VIA for the proposed expansion of the Namakwa Sands Mine  
 Job Title and Duties: Visual Specialist: mapping, sensitivity study, impact assessment and modelling  
 Value of Project: R46 000

Location: Mozambique  
 Client: SRK Consulting/Vale  
 Project duration & year: 2011-2012  
 Name of Project: Evate Phosphate Mine VIA  
 Project Description: VIA for a proposed phosphate mine in Mozambique.  
 Job Title and Duties: Visual Specialist: mapping, sensitivity study, impact assessment and modelling.  
 Value of Project: R100 000

Location: Paarl, Western Cape  
 Project duration & year: 2011  
 Client: Courtrai Developments  
 Name of Project: Montana Retirement Village VIA  
 Project Description: VIA for a proposed retirement village in Paarl  
 Job Title and Duties: Visual Specialist: mapping, sensitivity study, impact assessment and modelling  
 Value of Project: R35 000

## Scott Masson

### Senior Consultant

#### **Key Experience: Visual impact assessment (VIA)**

Location: Swellendam, Mossel Bay, Heidelberg and Albertinia, Western Cape.  
 Project duration & year: 2010, 1 year  
 Client: CSIR Environmental  
 Name of Project: Proposal for Wind Energy Facilities  
 Project Description: VIA for an EIA proposal for four wind energy facilities.  
 Job Title and Duties: Visual Specialist: mapping, sensitivity study, impact assessment and modeling.  
 Value of Project: R60 000

Location: Jacobsbaai, Western Cape  
 Project duration & year: 2010, 4 months  
 Client: CSIR Environmental  
 Name of Project: Jacobsbaai Tortoise Reserve  
 Project Description: VIA for a proposed eco-residential estate and nature reserve.  
 Job Title and Duties: Visual Specialist: mapping, sensitivity study, impact assessment and modeling  
 Value of Project: R25 000

Location: Hermanus, Klipdale and Villiersdorp, Western Cape.  
 Project duration & year: 2009, 6 months  
 Client: Vodacom  
 Name of Project: Proposed Cell Phone Mast: Hermanus, Klipdale & Graymead.  
 Project Description: VIA for a proposed cell phone mast at Hermanus golf course, on Graymead farm near Villiersdorp and on a farm in Klipdale.  
 Job Title and Duties: Visual Specialist: mapping, sensitivity study, impact assessment and modeling.  
 Value of Project: R30 000

#### **Key Experience: Environmental control officer work**

Location: Cape Town, Western Cape  
 Project duration & year: 2014-  
 Client: Project Assignments and Water and Wastewater Engineering  
 Name of Project: Various  
 Project Description: Environmental specification and control officer services for upgrades at various wastewater treatment works throughout Cape Town  
 Job Title and Duties: Project Manager / Project Reviewer  
 Value of Project: n/a

Location: Worcester, Western Cape  
 Project duration & year: 2013-2014  
 Client: Worcester Land Trust  
 Name of Project: Worcester Island Development and Worcester Hills Development Ph2  
 Project Description: Construction of internal roads and services for a commercial development.  
 Job Title and Duties: EMP and ECO.  
 Value of Project: R75 000

Location: Worcester, Western Cape  
 Project duration & year: 2011  
 Client: Worcester Land Trust  
 Name of Project: Worcester Hills  
 Project Description: Construction of internal roads and services for a commercial development  
 Job Title and Duties: Environmental Control Officer: Environmental monitoring of compliance with EMP during construction.  
 Value of Project: R70 000

## Scott Masson

### Senior Consultant

#### **Key Experience: Environmental control officer work**

Location: Pniel, Helshoogte Pass, Western Cape  
 Project duration & year: 2009 – 2011  
 Client: Provincial Government of the Western Cape: Roads  
 Name of Project: Rehabilitation and Upgrade of MR172  
 Project Description: Upgrade of the MR172 between Helshoogte Pass and R45 intersection including tree planting, cycle ways, and rejuvenation of public open spaces.  
 Job Title and Duties: Environmental Control Officer: Environmental monitoring of compliance with EMP during construction.  
 Value of Project: R60 000

Location: Cape Point, Table Mountain National Park, Western Cape  
 Project duration & year: 2010  
 Client: Concor  
 Name of Project: Funicular Upgrade  
 Project Description: Upgrade of the Cape Point funicular car and track.  
 Job Title and Duties: Environmental Management Plan and Environmental Control Officer.  
 Value of Project: R20 000

#### **Key Experience: Landscape design and urban planning**

Location: Worcester, Western Cape  
 Project duration & year: 2010, 10 months  
 Client: Cape Winelands District Municipality  
 Name of Project: Worcester Greater CBD Transport Plan  
 Project Description: Development of a transport plan for Worcester incorporating freight, public transport, parking and non-motorised transport  
 Job Title and Duties: Landscape Architecture and Urban Design: stakeholder consultation, site analysis, urban design guidelines  
 Value of Project: R100 000

Location: Rondebosch Common, Western Cape  
 Project duration & year: 2009  
 Client: City of Cape Town  
 Name of Project: Non-motorised Transport  
 Project Description: Investigation into the provision of non-motorised transport infrastructure on Rondebosch Common  
 Job Title and Duties: Landscape Architecture: Investigation and consideration of potential environmental and heritage impacts, design development, stakeholder communication  
 Value of Project: n/a

Location: Khayelitsha, Lentegeur, Philippi, Nomzamo and Mfuleni, Western Cape  
 Project duration & year: 2008  
 Client: City of Cape Town  
 Name of Project: Quality Public Spaces Region 3  
 Project Description: Upgrade and rejuvenation of public urban spaces  
 Job Title and Duties: Landscape Architecture: Project management, design development, stakeholder consultation, project and contract implementation  
 Value of Project: n/a



**Amy Hill**  
Environmental Consultant



**Profession** Environmental Consultant

**Education** BSc Hons (Biodiversity and Ecology), with distinction, University of Stellenbosch, 2012  
BSc (Biodiversity and Ecology), University of Stellenbosch, 2011

**Registrations/ Affiliations** N/A

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**Specialisation** Environmental impact assessments, environmental control officer, environmental management plans and biodiversity and ecology

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**Expertise** Amy has 4 years of experience in the biodiversity and ecology sector and, more recently, in environmental management. Her expertise includes:

- environmental impact assessments;
- water use authorisation applications;
- environmental management programmes;
- environmental control officer; and
- stakeholder engagement.

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**Employment**

**2016 – present** SRK Consulting (Pty) Ltd, Environmental Consultant, Cape Town  
**2014 – 2015** Groupon South Africa, Partner Relationship Manager, Cape Town

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**Publications** Individual recognition in a wild cooperative mammal using contact calls. Animal Behaviour (2013)

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**Languages** English – read, write, speak (Fluent)  
Afrikaans – read, write, speak (Fluent)

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# Amy Hill

## Environmental Consultant

### Publications

1. Sharpe, L.L., Hill, A. & Cherry M.I. 2013. *Individual recognition in a wild cooperative mammal using contact calls*. *Animal Behaviour*, 86, 893 – 900

# Amy Hill

## Environmental Consultant

### **Key Experience: Environment impact assessments (EIA)**

Location: Aggeneys, Northern Cape  
 Project duration & year: 2018 - recent  
 Client: Black Mountain Mining  
 Name of Project: Swartberg Haul Road BA  
 Project Description: BA and WUA for proposed haul road at Black Mountain Mine  
 Job Title and Duties: Project Consultant  
 Value of Project: R220 000

Location: Wellington, Western Cape  
 Project duration & year: 2018 - ongoing  
 Client: Rheinmetall Denel Munition  
 Name of Project: New Multi-Purpose Nitration Plant and Associated Infrastructure  
 Project Description: EIA the Multi-Purpose Nitration Plant and Associated Infrastructure  
 Job Title and Duties: Project Consultant  
 Value of Project: R 400 000

Location: Cape Town, Western Cape  
 Project duration & year: 2018  
 Client: Chevron South Africa (Pty) Ltd  
 Name of Project: Additional Storage Infrastructure for Hazardous Substances  
 Project Description: BA for Propane and Oxygen storage tanks at the Chevron Refinery  
 Job Title and Duties: Project Consultant  
 Value of Project: R180 000

Location: Cape Town, Western Cape  
 Project duration & year: February 2017 – ongoing  
 Client: City of Cape Town  
 Name of Project: Vissershok North Landfill WML  
 Project Description: EIA in support of a Waste Management Licence application for the operation of the Vissershok North Landfill  
 Job Title and Duties: Project Consultant  
 Value of Project: R650 000

Location: Ceres, Western Cape  
 Project duration & year: 2016 – ongoing  
 Client: Eskom  
 Name of Project: Romansrivier – Ceres Double Circuit Powerline  
 Project Description: BA for Romansrivier – Ceres Double Circuit Powerline  
 Job Title and Duties: Project Manager  
 Value of Project: R 650 000

Location: Stellenbosch, Western Cape  
 Project duration & year: 2016 - Ongoing  
 Client: Livery Winery  
 Name of Project: Vergenoegd Wine Estate upgrades  
 Project Description: EIA and related applications for upgrades to Vergenoegd Wine Estate  
 Job Title and Duties: Project manager  
 Value of Project: R 150 000

# Amy Hill

## Environmental Consultant

### **Key Experience: Environment impact assessments (EIA)**

Location: Cape Town, South Africa  
 Project duration & year: 2016 - ongoing  
 Client: Eskom  
 Name of Project: Eskom oil regeneration facility  
 Project Description: BA for oil regeneration facility  
 Job Title and Duties: Project Consultant  
 Value of Project: R200 000

Location: Brand se Baai  
 Project duration & year: 2015 – Ongoing  
 Client: Tronox Mineral Sands (Pty) Ltd  
 Name of Project: West Mine Slimes Dam 6  
 Project Description: Environmental Impact Assessment (EIA) for new slimes dam  
 Job Title and Duties: Project consultant  
 Value of Project: R900 000

Location: Observatory, Western Cape  
 Project duration & year: 2015 – ongoing  
 Client: The River Club  
 Name of Project: Redevelopment of the River Club Property  
 Project Description: EIA for redevelopment  
 Job Title and Duties: Project consultant  
 Value of Project: R500 000

Location: Saldanha Bay, Western Cape  
 Project duration & year: 2015 – ongoing  
 Client: Nadeson Consulting Services  
 Name of Project: Middelpoos Stormwater Infrastructure  
 Project Description: EIA for stormwater detention facilities and associated infrastructure  
 Job Title and Duties: Project consultant  
 Value of Project: R120 000

Location: West Coast, Western Cape  
 Project duration & year: 2014 - Ongoing  
 Client: Matzikama Municipality  
 Name of Project: Doringbaai Aquaculture Farms EIA  
 Project Description: EIA for proposed aquaculture farms at Doringbaai  
 Job Title and Duties: Project Consultant  
 Value of Project: R 1.2 million

Location: South Africa  
 Project duration & year: January 2015 – August 2016  
 Client: Lucky Star  
 Name of Project: Section 24G Application  
 Project Description: Section 24G Application and Environmental Impact Assessment to apply for rectification of an unlawful activity  
 Job Title and Duties: Project consultant  
 Value of Project: R330 000

## Amy Hill

### Environmental Consultant

#### **Key Experience: Environmental management programme (EMPr)**

Location: Vanrhynsdorp, Western Cape  
 Project duration & year: 2016 – ongoing  
 Client: Saint-Gobain Gyproc (Pty) Ltd  
 Name of Project: Maskam Mine EMP  
 Project Description: EMP for Maskam Gypsum Mine  
 Job Title and Duties: Project consultant  
 Value of Project: R 100 000

Location: Vredenburg, Western Cape  
 Project duration & year: November 2015 - Ongoing  
 Client: Planning Partners (Pty) Ltd  
 Name of Project: Provision of Serviced Sites at George Kerridge, Vredenburg  
 Project Description: EMP for the provision of serviced sites and associated infrastructure in Vredenburg  
 Job Title and Duties: Project Consultant  
 Value of Project: R140 000

#### **Key Experience: Atmospheric emission licenses**

Location: Milnerton, Cape Town  
 Project duration & year: 2018 – ongoing  
 Client: Chevron  
 Project Description: Public Participation Process for AEL Renewal and Variation  
 Job Title and Duties: Project Consultant  
 Value of Project: R 30 000

Location: Port of Saldanha, Western Cape  
 Project duration & year: 2016 - ongoing  
 Client: Transnet Port Terminals  
 Name of Project: Amendment to Atmospheric Emission Licence: Port of Saldanha  
 Project Description: Basic Assessment for amendments to the Atmospheric Emissions Licence for the iron ore terminal, Port of Saldanha  
 Job Title and Duties: Project consultant  
 Value of Project: R 250 000

Location: Koekenaap, Western Cape  
 Project duration & year: 2015 - Ongoing  
 Client: Tronox Namakwa Sands  
 Name of Project: MSP AEL  
 Project Description: Application for an Atmospheric Emission Licence for the Mineral Separation Plant  
 Job Title and Duties: Project Consultant  
 Value of Project: R112 000

# Amy Hill

## Environmental Consultant

### Key Experience: Environmental control officer

Location: Tamboerskloof, Cape Town  
 Project duration & year: 2018 - ongoing  
 Client: Lions Hill Development Company  
 Name of Project: Lions Hill Development  
 Project Description: ECO services for site clearance activities  
 Job Title and Duties: ECO  
 Value of Project: R 47 000

Location: Bellville and Greenpoint, Cape Town  
 Project duration & year: 2017-ongoing  
 Client: Project Assignments  
 Name of Project: CoCT WWTW ECO Work  
 Project Description: ECO for Upgrade of Odour Control facilities at Bellville and Greenpoint WWTW  
 Job Title and Duties: Project Manager  
 Value of Project: R 34 000

Location: Bellville, Cape Town  
 Project duration & year: 2017 – ongoing  
 Client: Water & Wastewater Engineering  
 Name of Project: CoCT WWTW ECO Work  
 Project Description: ECO for the Construction of New PST's at Bellville WWTW  
 Job Title and Duties: Project Consultant  
 Value of Project: R 38 000

Location: Borchards Quarry, Western Cape  
 Project duration & year: 2016 – ongoing  
 Client: Water & Wastewater Engineering  
 Name of Project: Biological Reactor at Borchards Quarry WWTW  
 Project Description: ECO for the Refurbishment of a Biological Reactor at Borchards Quarry CoCT WWTW  
 Job Title and Duties: Project manager  
 Value of Project: R 40 000

Location: Cape Flats, Western Cape  
 Project duration & year: 2016 – ongoing  
 Client: Project Assignments  
 Name of Project: Dewatering Facility at Cape Flats WWTW  
 Project Description: ECO for Dewatering Facility at Cape Flats CoCT WWTW  
 Job Title and Duties: Project manager  
 Value of Project: R40 000

Location: Cape Town, Western Cape  
 Project duration & year: 2016 – ongoing  
 Client: Infrastructure Consulting Engineers  
 Name of Project: Sable Road ECO  
 Project Description: ECO for Sable Road Service Station  
 Job Title and Duties: Project manager  
 Value of Project: R150 000

## Amy Hill Environmental Consultant

### **Key Experience: Environmental control officer**

Location: Cape Town, Western Cape  
 Project duration & year: 2015 - Ongoing  
 Client: Project Assignments and Water and Wastewater Engineering  
 Name of Project: WWTW Aeration Blowers and Primary/Secondary Settlement Tanks  
 Project Description: Upgrade or Installation of Aeration Blowers and PST/SST at Various WWTWs for City of Cape Town  
 Job Title and Duties: Project Consultant  
 Value of Project: R300 000

Location: Cape Town, Western Cape  
 Project duration & year: 2015-ongoing  
 Client: Project Assignments  
 Name of Project: CoCT WWTW Odour Control ECO  
 Project Description: ECO for Upgrade of Odour Control facilities at 3 CoCT WWTW's  
 Job Title and Duties: Project manager  
 Value of Project: R 30 000

### **Key Experience: Water use authorisations**

Location: Foreshore, Cape Town  
 Project duration & year: 2018 – ongoing  
 Client: Oceana  
 Name of Project: Oceana House WULA  
 Project Description: Water Use Authorisation for Groundwater Abstraction at Oceana House  
 Job Title and Duties: Project Manager  
 Value of Project: R 86 000

Location: Cape Town  
 Project duration & year: 2018 - ongoing  
 Client: CCS Logistics  
 Name of Project: CCS WULA  
 Project Description: Water Use Authorisation for Groundwater Abstraction at Epping and Paarden Eiland facilities  
 Job Title and Duties: Project Manager  
 Value of Project: R 110 000

Location: Faure, Cape Town  
 Project duration & year: 2017 – ongoing  
 Client: Livia Winery  
 Name of Project: Vergenoegd Wine Estate GA  
 Project Description: General Authorisation for the proposed package plant at Vergenoegd Wine Estate  
 Job Title and Duties: Project Manager  
 Value of Project: R 58 000

Location: Langebaan  
 Project duration & year: 2016 – ongoing  
 Client: Nadeson Consulting Services  
 Name of Project: Oostewal Street GA  
 Project Description: Water Use Authorisation Application for the Irrigation of Treated Effluent along Oostewal Street  
 Job Title and Duties: Project Manager  
 Value of Project: R 36 105

## Amy Hill

### Environmental Consultant

#### **Key Experience: Water use authorisations**

Project duration & year: 2016 – ongoing  
 Client: Anganna Investments 171 (Pty) Ltd  
 Name of Project: Atlantic Salmon WUA  
 Project Description: WUA for the proposed development of a crop and land based fish farm near Dwarsbos  
 Job Title and Duties: Project manager  
 Value of Project: R55 000

Location: Observatory, Western Cape  
 Project duration & year: 2015 – ongoing  
 Client: The River Club  
 Name of Project: Redevelopment of the River Club Property  
 Project Description: WUA for the proposed redevelopment of the River Club  
 Job Title and Duties: Project consultant  
 Value of Project: R 50 000

Location: Hermanus, Western Cape  
 Project duration & year: 2014 – ongoing  
 Client: Provincial Government Western Cape  
 Name of Project: Hermanus Bypass WULA  
 Project Description: WULA for the construction of a bypass in Hermanus  
 Job Title and Duties: Project Consultant  
 Value of Project: N/A

#### **Key Experience: Other environmental projects (EMF, SoER, ECO)**

Location: Cape Town  
 Project duration & year: 2018 - ongoing  
 Client: CCS Logistics  
 Name of Project: CCS Brine Pond 24G  
 Project Description: CCS Brine Pond 24G  
 Job Title and Duties: Project Manager  
 Value of Project: R 68 000

Location: Saldanha Bay  
 Project duration & year: 2016 – ongoing  
 Client: Transnet Port Terminals  
 Name of Project: Brine Pond S24G Process  
 Project Description: Brine Pond S24G Process  
 Job Title and Duties: Project Consultant  
 Value of Project: R 175 000

Location: Cape Town, South Africa  
 Project duration & year: February 2016 – ongoing  
 Client: Premier Fishing  
 Name of Project: Investigation of legal requirements for Hout Bay Lobster Facility  
 Project Description: Investigation of legal requirements for Premier Fishing's Hout Bay Lobster Facility, particularly with regards to effluent discharge and management of effluent monitoring programme  
 Job Title and Duties: Project consultant  
 Value of Project: R100 000



# Jessica du Toit

## Environmental Scientist



<b>Profession</b>	Environmental Scientist
<b>Education</b>	MPhil (Environmental Management), University of Stellenbosch, 2016 BSc (Conservation Ecology), University of Stellenbosch, 2013
<b>Registrations/ Affiliations</b>	Not applicable
<b>Awards</b>	Not applicable

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**Specialisation** Environmental impact assessment, environmental control officer, environmental management plans, public participation process, water use licence applications.

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**Expertise** Jessica du Toit has been involved in environmental management for the past five years and has worked on a broad range of projects. Her expertise includes:

- coordinating EIA processes across a range of sectors;
- Visual impact assessment;
- compilation of construction and operational phase EMPs for projects;
- auditing compliance with EMPs on a number of sites;
- coordinating stakeholder engagement processes;
- managing Water Use Licence Applications.

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## Employment

**2015 – present** SRK Consulting, Environmental Department, Environmental Scientist, Cape Town  
**2014 – 2015** Withers Environmental Consulting, Environmental Consultant Intern, Stellenbosch

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**Languages** English – read, write, speak  
Afrikaans– read, write, speak

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# Jessica du Toit

## Environmental Scientist

### Publications and Journal Articles

1. Clearing environmental hurdles in marine infrastructure. *Civil Engineering*. October 2018, 23-26.
2. Cooper TJG, du Toit J, Steenkamp E, Pryke JS and Roets F (2016). Historical arthropod diversity patterns direct rehabilitation targets for Robben Island, South Africa, a continental island in a biodiversity hotspot. *African Journal of Ecology*.

## Jessica du Toit

### Environmental Scientist

#### Key Experience:

#### Environmental impact assessment

Location: West Coast, South Africa  
 Project duration & year: 2019 - ongoing  
 Client: Eskom  
 Name of Project: Battery Storage  
 Project Description: Basic Assessments for grid-scale battery storage at five substations  
 Job Title and Duties: Project Manager  
 Value of Project: R400 000

Location: Middelpos, Saldanha Bay, Western Cape  
 Project duration & year: 2019 - ongoing  
 Client: Nadeson Consulting Engineers  
 Name of Project: Middelpos Stormwater Upgrades BA  
 Project Description: Proposed stormwater upgrades in Middelpos, Saldanha Bay  
 Job Title and Duties: Project Manager  
 Value of Project: R250 000

Location: Hex River Valley, Western Cape  
 Project duration & year: 2017 - ongoing  
 Client: Eskom  
 Name of Project: Hex-Sandhills and Hugo-Osplaas Powerlines  
 Project Description: Proposed rebuild of the 66 kV Eskom Powerline between the Hugo and Osplaas Substations and Hex and Sandhills Substations  
 Job Title and Duties: Project Manager  
 Value of Project: R600 000

Location: Western Cape  
 Project duration & year: 2016 - ongoing  
 Client: Coega Development Corporation (on behalf of NDPW)  
 Name of Project: Western Cape Fishing Harbour Maintenance and Repairs  
 Project Description: EIA for maintenance and repair works at six fishing harbours  
 Job Title and Duties: Environmental Consultant  
 Value of Project: R 150 000

Location: Atlantis, Western Cape  
 Project duration & year: 2016 – ongoing  
 Client: City of Cape Town  
 Name of Project: Basic Assessment for the proposed Atlantis Horse Stables  
 Project Description: Basic Assessment and Environmental Management plan for the construction and operation of horse stables in Atlantis  
 Job Title and Duties: Project Manager  
 Value of Project: R 70 000

Location: Mossel Bay  
 Project duration & year: 2016 - ongoing  
 Client: Easigas  
 Name of Project: Easigas Mossel Bay Depot  
 Project Description: EIA for LPG storage facility and associated offshore pipeline  
 Job Title and Duties: Environmental Consultant  
 Value of Project: R580 000

Location: Saldanha Bay, Western Cape  
 Project duration & year: April 2016 – ongoing  
 Client: Department of Agriculture, Forestry and Fisheries

## Jessica du Toit

### Environmental Scientist

Name of Project:	Saldanha Bay Aquaculture Development Zone EIA
Project Description:	Project Definition and Basic Assessment for a proposed Aquaculture Development Zone in Saldanha Bay as part of Operation Phakisa
Job Title and Duties:	Environmental Consultant
Value of Project:	R1 000 000
Location:	Ceres, Western Cape
Project duration & year:	2016 - ongoing
Client:	Eskom
Name of Project:	Bon Chretien – Merino Powerline
Project Description:	Basic Assessment for the construction of a powerline between the existing Bon Chretien substation in Ceres and the new Merino substation
Job Title and Duties:	Project Manager
Value of Project:	R400 000
Location:	Saldanha, Western Cape
Project duration & year:	October 2015 – ongoing
Client:	Transnet Capital Projects
Name of Project:	Port of Saldanha Bulk Power Infrastructure EIA
Project Description:	Basic Assessment for the construction of additional substations, transmission infrastructures and area lighting masts near the Port of Saldanha
Job Title and Duties:	Environmental Consultant
Value of Project:	R360 000
Location:	Hermanus, Western Cape
Project duration & year:	September 2014 – ongoing
Client:	Provincial Government Western Cape
Name of Project:	Hermanus Central Business District Bypass EIA
Project Description:	EIA for the construction of a bypass in Hermanus, including an EMP and Water Use Authorisation (WUA)
Job Title and Duties:	Environmental Consultant
Value of Project:	R1.3 million
Location:	City of Cape Town
Project duration & year:	2015
Client:	Hatch Goba
Name of Project:	Slent Road Upgrade
Project Description:	Updating of approved EMP
Job Title and Duties:	Environmental Consultant
Value of Project:	R200 000
Location:	Yzerfontein, Western Cape
Project duration & year:	December 2014 - June 2015
Client:	Yzerfontein Sixteen Mile Beach (Pty) Ltd.
Name of Project:	Proposed Sixteen Mile Beach Coastal Estate
Project Description:	Sixteen Mile Beach Coastal Estate and Associated Package Sewage Treatment Plant
Job Title and Duties:	Compilation of Basic Assessment Report, EMP and Water Use Authorisation (WUA)
Value of Project:	R190 000
Location:	Hawston, Western Cape
Project duration & year:	August 2014 - June 2015
Client:	Motlekar Overstrand
Name of Project:	Hawston East and Hawston West Low Cost Housing Project
Project Description:	Basic Assessment Process

## Jessica du Toit

### Environmental Scientist

Job Title and Duties: Compilation of the Basic Assessment Report and the EMP  
 Value of Project: R140 000

Location: Gansbaai, Western Cape  
 Project duration & year: January 2015-May 2015  
 Client: Motlekar Overstrand  
 Name of Project: Gansbaai – Blompark Low Cost Housing Project  
 Project Description: Basic Assessment of the Proposed Gansbaai – Blompark Low Cost Housing Project

Job Title and Duties: Environmental Consultant  
 Value of Project: R140 000

### Key Experience: Strategic environmental planning

Location: Western Cape Province, South Africa  
 Project duration & year: 2016 – 2017  
 Client: Western Cape State of Environmental Report Update  
 Name of Project: Provincial Government Western Cape  
 Project Description: Environmental report  
 Job Title and Duties: Stakeholder engagement  
 Value of Project: ZAR 1.7 million

### Key Experience: Environmental Management Programme (EMPr)

Location: Gordon's Bay, Western Cape  
 Project duration & year: September 2018  
 Client: Aurecon  
 Name of Project: Upgrade of Provincial Portion of Main Road 108, Gordon's Bay, Cape Town  
 Project Description: Construction Environmental Management Plan  
 Job Title and Duties: Environmental Consultant  
 Value of Project: R40 000

Location: Elim, Western Cape  
 Project duration & year: June 2014  
 Client: Eskom  
 Name of Project: Electricity Services Upgrade in the Historic Town of Elim, Western Cape  
 Project Description: EMP for the upgrading of electrical services in Elim, Western Cape.  
 Job Title and Duties: Environmental Consultant  
 Value of Project: R120 000

Location: Vredenburg, Western Cape  
 Project duration & year: November 2015 -  
 Client: Planning Partners (Pty) Ltd  
 Name of Project: Provision of Serviced Sites at George Kerridge, Vredenburg  
 Project Description: EMP for the provision of serviced sites and associated infrastructure in Vredenburg  
 Job Title and Duties: Environmental Consultant  
 Value of Project: R140 000

Location: Saldanha, Western Cape  
 Project duration & year: October 2015  
 Client: African Inter-Continental Enterprises (Pty) Ltd  
 Name of Project: Velddrif Desalination Plant and Associated Infrastructure EMP  
 Project Description: Proposed seawater desalination plant and associated infrastructure.

## Jessica du Toit

### Environmental Scientist

Job Title and Duties: Environmental Consultant)  
Value of Project: R230 000

#### **Key Experience: Environmental Control Officer**

Location: Western Cape  
Project duration & year: 2019 - ongoing  
Client: Coega Development Corporation (on behalf of NDPW)  
Name of Project: Western Cape Fishing Harbour Maintenance and Repairs  
Project Description: ECO for slipway repairs at various fishing harbours in the Western Cape  
Job Title and Duties: ECO for monthly site visits  
Value of Project: R 90 000

Location: Western Cape  
Project duration & year: 2019 - ongoing  
Client: Coega Development Corporation (on behalf of NDPW)  
Name of Project: Western Cape Fishing Harbour Maintenance and Repairs  
Project Description: ECO for dredging at various fishing harbours in the Western Cape  
Job Title and Duties: ECO for monthly site visits  
Value of Project: R 150 000

Location: Western Cape  
Project duration & year: 2016 - ongoing  
Client: Coega Development Corporation (on behalf of NDPW)  
Name of Project: Western Cape Fishing Harbour Maintenance and Repairs  
Project Description: ECO for the removal of sunken fishing vessels and dredging at various fishing harbours in the Western Cape  
Job Title and Duties: ECO for twice monthly site visits  
Value of Project: R 150 000

Location: Cape Town, South Africa  
Project duration & year: 2016-2017  
Client: Hatch Goba  
Name of Project: Slent Road Upgrade  
Project Description: ECO for the upgrade of a portion of Slent Road  
Job Title and Duties: ECO for monthly site audits

Location: Cape Town, Western Cape  
Project duration & year: 2015-2017  
Client: Project Assignments and Water and Wastewater Engineering  
Name of Project: WWTW Aeration Blowers and Primary/Secondary Settlement Tanks  
Project Description: Upgrade or Installation of Aeration Blowers and PST/SST at Various WWTWs for City of Cape Town  
Job Title and Duties: ECO for monthly site visits

Location: Goedverwacht, Western Cape  
Project duration & year: June 2015 – 2017  
Client: Eskom  
Name of Project: Goedverwacht ECO Services  
Project Description: Provision of ECO services for the construction of a proposed 11kV overhead powerline in Goedverwacht and dismantling of old powerline near Piketberg.  
Job Title and Duties: ECO for monthly site visits  
Value of Project: R119,000

Location: Platteklouf, Western Cape  
Project duration & year: March 2014 – August 2015

## Jessica du Toit

### Environmental Scientist

Client: Arun Projects  
Name of Project: Baronetcy Residential Development ECO Services  
Project Description: Provision of ECO services for the construction of the Baronetcy Residential Development  
Job Title and Duties: ECO for twice monthly site visits  
Value of Project: R90 000

#### **Key Experience: Visual Impact Assessment (VIA)**

Location: Emalahleni, Mpumalanga  
Project duration & year: 2019-  
Client: Anglo American Platinum  
Name of Project: SACE Lifex Extension  
Project Description: Visual inputs for Pre-Feasibility Study for the expansion of SACE Lifex Coal Mine  
Job Title and Duties: Visual Specialist: mapping, sensitivity study and impact assessment  
Value of Project: R90 000

Location: Limpopo, South Africa  
Project duration & year: 2018-2019  
Client: Anglo American Platinum  
Name of Project: Der Brochen Expansion Project  
Project Description: VIA for the Der Brochen Expansion Project  
Job Title and Duties: Visual Specialist: mapping, sensitivity study and impact assessment  
Value of Project: R30 000