

JEREMY ROSE

Environmental Scientist

Contact

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 Observatory 7925

Professional Registrations

EAPASA: Reg. E.A.P.
 2019/1116

SACNASP Pr.Sci.Nat.
 120148

IAIASa 5781

Years' experience

Twelve

Education and Certifications

- B.Sc. Hons
 Environmental and
 Geographical Science
- B.Sc. Environmental
 and Geographical
 Science & Biochemistry
- Remote Pilot

Date of Birth

7 December 1991

Nationality

South African

Languages

English
 Afrikaans
 isiXhosa

Environmental scientist, stakeholder engagement and policy professional. Experienced in leading and participating in multi-disciplinary specialist teams for environmental monitoring, resource management, policy development, and strategic planning projects in the public and private sectors.

Principal consultant at Infinity Environmental, responsible for project management and business development including consulting services associated with:

- Advising public and private-sector clients on environmental feasibility, legislation, and risks
- Managing Environmental Impact Assessment (EIA) and Basic Assessment processes for environmental authorisation
- Development of environmental policy and strategic and spatial planning instruments
- Geographic information systems (GIS), including spatial data management, digitisation and analysis, and production of static and web-based drawings and maps
- Planning for construction- and operation-phase environmental management, including preparation of site-specific environmental management programmes (EMPr)
- Management of permitting and licensing processes for air emissions, water uses, waste management, and mining
- Monitoring and auditing of environmental compliance as an Environmental Control Officer (ECO) or independent auditor
- Management of multidisciplinary teams for complex remediation and rehabilitation projects
- Lifecycle environmental compliance, including the management of decommissioning and contaminated land processes
- Public participation and stakeholder engagement, including planning and facilitation of consultation
- Drone-based aerial imaging and data capturing as a certified and licensed remote pilot.

SELECTED PROJECT EXPERIENCE

DATE

CLIENT

INTEGRATED ENVIRONMENTAL MANAGEMENT		
Basic Assessment for the dredging of Milnerton Lagoon	2025-2026	City of Cape Town
Scoping and Environmental Impact Assessment for the realignment of Protea Road in Klapmuts	2025-2026	Heineken Beverages
Scoping and Environmental Impact Assessment for the proposed land reclamation and Development of the Granger Bay Precinct at the V&A Waterfront in Cape Town	2025-2026	V&A Waterfront
Section 24G application for rectification of unlawful development commencement on a residential property in Misty Cliffs, Cape Town	2025-2026	Private
Environmental feasibility assessment for the extension of the St James Coastal Walkway to Fish Hoek	2025	PRDW
Stakeholder engagement and Basic Assessment for Three Anchor Bay Erf 2187, Green Point	2025-2026	City of Cape Town
Environmental Impact Assessment for the proposed Mowbray Golf Course Redevelopment project	2025-2026	City of Cape Town
Water Use Licence applications for coastal groundwater use for dune rehabilitation at Table View	2023	City of Cape Town
Environmental impact assessment and stakeholder engagement process for redevelopment of the Strand Street Quarry national heritage site	2023-2025	City of Cape Town
Basic Assessment for a new operations centre for Biodiversity Management at the Westlake Conservation Centre	2025	City of Cape Town
Basic Assessment for the expansion of the Kuils River Cemetery	2024	City of Cape Town
Basic Assessment for the expansion of the Rusthof Cemetery, Strand	2024	City of Cape Town
Basic Assessment for the proposed Vaalfontein Cemetery	2024-2025	City of Cape Town
Basic Assessment for the proposed Tafelsig Cemetery	2024-2025	City of Cape Town
Section 24G Application for unlawful vegetation clearing in Scarborough Cape Town	2025	Private
Water Use Licence applications for coastal groundwater use for dune rehabilitation at Fish Hoek	2023	City of Cape Town
Water Use Licence applications for coastal groundwater use for dune rehabilitation at Fleur Park	2023	City of Cape Town
Renewal of the atmospheric emissions licence for the Cape Town International Airport	2025	Airports Company South Africa
Basic Assessment for the realignment of Protea Road in Klapmuts	2025	Heineken
Basic Assessment for the upgrading of the N1 / R44 interchange in Klapmuts	2025	Heineken
Basic Assessment for the modification of the Zeekoevlei Weir in the False Bay Nature Reserve	2024	City of Cape Town
Basic Assessment for a proposed residential development in Bishopscourt	2022-present	Private

SELECTED PROJECT EXPERIENCE

	DATE	CLIENT
Basic Assessment for a proposed residential development and river rehabilitation in Bellville	2023-2024	City of Cape Town
Basic Assessment for proposed infrastructure upgrades on Porter Estate	2023-2025	WCG
Basic Assessment for proposed dredging remediation of the Zeekoevlei	2023	City of Cape Town
Basic Assessment for the upgrading of the M3 highway in Cape Town	2021-2023	City of Cape Town
Basic Assessment and amendments of a water use licence and environmental authorisation for an industrial facility in Springs, Ekurhuleni	2021-2022	Distell
Basic Assessment for a new bulk sewer in Montague Gardens, Cape Town	2021-22	City of Cape Town
Section 24G application to rectify historical unlawful cultivation and construction of dams on a farm in the Western Cape	2021	Private
Basic Assessment for a proposed high-density social housing and mixed-use development in Salt River, Cape Town	2020-2021	City of Cape Town
Basic Assessment for the proposed expansion of an industrial development	2020-21	Bowler Plastics
Basic Assessment for the proposed expansion of a municipal cemetery in Struisbaai	2020-21	Cape Agulhas Municipality
Basic Assessment for the proposed expansion of a municipal resort in Struisbaai	2020-21	Cape Agulhas Municipality
Scoping and EIA for an urban development framework on the 500-ha Swartklip site, Khayelitsha, Cape Town	2020-2023	Airports Company SA
Water Use Licence Application for a pharmaceutical production facility in Atlantis, Cape Town	2019-20	Canopy Growth
Basic Assessment for in-fill housing developments in Bonteheuwel	2018-19	City of Cape Town
Scoping and environmental impact assessment for a 200-hectare agro-industrial and mixed-use development in Klapmuts North	2017-18	Distell
Environmental Impact Assessments (Basic Assessments) for two proposed Integrated Rapid Transit Phase 2A West Trunk Routes in Cape Town	2016	City of Cape Town/SMEC
Environmental Impact Assessment (Basic Assessment) for a proposed filling station in Bellville, Cape Town	2016	City of Cape Town
Environmental Impact Assessment and Water Use Authorisation for the proposed upgrading of the Elizabeth Park and Elsieskraal River, Bellville	2016	City of Cape Town
Amendment to the Environmental Authorisation for a fishmeal processing plant in Saldanha Bay	2014	Sea Harvest
Environmental assessment of proposed maintenance dredging within the Mitchell Channel log handling facility on the Fraser River, Vancouver, Canada	2015	Fraser River Pile & Dredge
Environmental Impact Assessment for the proposed extension of the Vygekraal Cemetery in Rylands, Cape Town	2014	Private
Basic Assessment and Atmospheric Emissions Licence application for the proposed additional jet fuel tank, Cape Town International Airport	2013-14	Airports Company SA

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WATER QUALITY MONITORING AND REMEDIATION PLANNING

Annual report on the Mitchell's Plain WWTW coastal water quality programme for 2024-2025	2026	City of Cape Town
Implementation of coastal and nearshore water quality and environmental monitoring for the coastal outfalls and wastewater treatment works in Cape Town	2024-2026	City of Cape Town
Data management, analysis and display for the City of Cape Town's Know Your Coast Report 2025	2025	City of Cape Town
Data analysis and assessment for the City of Cape Town's Inland Water Quality Report 2023-2024	2025	City of Cape Town
Development of a monitoring programme for Cape Town's coastal waters with a focus on long-term environmental change and priority contaminants	2025	City of Cape Town
Rehabilitation Plan for the Theo Marais Canal in Montague Gardens	2025	City of Cape Town
Annual report on the marine outfall environmental monitoring programme for 2024-2025, including water quality, sediment quality, ecological effects, bioaccumulation, and microplastics impacts	2025	City of Cape Town
Receiving Environment Monitoring Programme and Marine Impact Assessment for the Simon's Town Wastewater Treatment Works	2025	City of Cape Town
Receiving Environment Monitoring Programme and Marine Impact Assessment for the Oudekraal Wastewater Treatment Works	2025	City of Cape Town
Receiving Environment Monitoring Programme and Marine Impact Assessment for the Miller's Point Wastewater Treatment Works	2025	City of Cape Town
Receiving Environment Monitoring Programme and Marine Impact Assessment for the Llandudno Wastewater Treatment Works	2025	City of Cape Town
Receiving Environment Monitoring Programme and Marine Impact Assessment for the Mitchell's Plain Wastewater Treatment Works	2025	City of Cape Town
Pollution monitoring in the Milnerton Lagoon in response to sewage spill events	2024-2025	City of Cape Town
Real-time monitoring of oxygen levels in the Milnerton Lagoon for tracking of aeration success	2024	City of Cape Town
Receiving Environment Monitoring Programme for the marine sewage outfalls at Green Point, Camps Bay, and Hout Bay	2024	City of Cape Town
Remediation Planning for the Milnerton Lagoon, including hydrodynamic modelling and ecological assessments of dredging options	2023	City of Cape Town
Remediation Planning for the Zandvlei recreational waterbody, including hydrodynamic modelling and ecological assessments of dredging options	2022	City of Cape Town
Remediation Planning for the Rietvlei recreational waterbody, including hydrodynamic modelling and ecological assessments of dredging options	2022	City of Cape Town
Rehabilitation Plan for sewage spill events in the False Bay Nature Reserve	2022	City of Cape Town
Management options advisory for the Lourens River Protected Natural Environment	2021	City of Cape Town
Review of the Diep River Estuarine Management Plan	2021	City of Cape Town

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Field sampling programme for marine water quality monitoring following a pollution incident in Howe Sound estuary, Canada. Preparation of a long-term Ecological Receptor Monitoring Plan for the estuary.

2016

Private

Review of the Zandvlei Estuarine Management Plan and Situation Assessment

2022-2023

City of Cape Town

Pollution tracking and water quality assessment for the Diep River and Potsdam WWTW for a remediation plan for the Milnerton Lagoon

2022-2023

City of Cape Town

CONSERVATION PLANNING AND INVASIVE SPECIES MANAGEMENT

Conservation Development Framework for the Macassar Conservation Area

2025

City of Cape Town

Report on the condition, importance, and threats to wetlands in Cape Town, with a focus on seasonal wetlands

2024-2025

City of Cape Town

Municipal Invasive Species Monitoring, Control and Eradication Plan for the Bergrivier Local Municipality

2019

Bergrivier Municipality

Conservation Area Management Plan including rehabilitation planning, fire management planning, and invasive species management for a 200-ha property in Klapmuts

2019-2020

Distell

Preparation of a Municipal Invasive Species Monitoring, Control and Eradication Plan for the Garden Route District Municipality

2019

Garden Route District Municipality

Preparation of an Invasive Species Control Plan in terms of the NEMBA AIS Regulations for a private landowner, Hoekwil

2017

Private

Monitoring of implementation of a control plan for the invasive alien Japanese knotweed along a river corridor in West Vancouver, Canada

2015

Private

Environmental offset rehabilitation planning for a residential development on Glenlyon Creek in North Vancouver, Canada

2015

Private

Implementation of the invasive alien Guttural Toad eradication project in Cape Town

2013

City of Cape Town

STRATEGIC AND POLICY PROJECTS

Local Spatial Development Framework for the Dwars River Valley in Stellenbosch

2026

Stellenbosch Municipality

Groundwater Management Policy development for the City of Cape Town

2025

City of Cape Town

Sustainability assessment of the coastal dune rehabilitation projects at Hout Bay, Table View, Fish Hoek, Gordons Bay, and Glencairn in Cape Town

2024-2025

City of Cape Town

Facilitation of an international expert workshop to assess the causes and contributors of aggression in Cape Fur Seals and the implications and management of the rabies outbreak

2024

City of Cape Town

Environmental aspects of a policy for small-scale wind generation in the City of Cape Town

2022

City of Cape Town

Heritage and stakeholder engagement for the Langa Living Streets public places programme

2025

City of Cape Town

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Geographic information systems services and mapping for a risk and wildfire plan for the Robben Island World Heritage Site	2023	Western Cape Government
Environmental feasibility assessment for the Potsdam Sustainability Campus in Killarney Gardens, Cape Town	2022	City of Cape Town
Heritage study of the Philippi, Nyanga East and Crossroads area in Cape Town	2021	City of Cape Town
Heritage study of the Bellville CBD in Cape Town	2021	City of Cape Town
Environmental feasibility and project management for a housing programme in the Philippi Opportunity Area in Cape Town	2021	City of Cape Town
Environmental and stakeholder engagement component of a masterplan for the Foreshore precinct in Cape Town	2021	City of Cape Town
Environmental aspects of a local area spatial development framework for the Adam Tas Corridor in Stellenbosch	2021	Stellenbosch Municipality
Environmental and GIS component of a precinct plan for the Robertson-Nkqubela precinct	2020	Langeberg Municipality
Development of a GIS-based online web mapping tool for the display of risk and disaster management data for the Witzenberg Municipality	2020	Santam / Vulcan Wildfire
Environmental and GIS component of the review of the Witzenberg Spatial Development Framework, 2019-2024	2019	Witzenberg Municipality
Environmental component of the Stellenbosch Municipal Spatial Development Framework, 2018-2023	2018	Stellenbosch Municipality
Environmental, GIS and stakeholder engagement components of the Paarl CBD Local Spatial Development Framework	2017	Drakenstein Municipality
Environmental and GIS components of the Cape Agulhas Municipality Spatial Development Framework 2017-2022.	2017	Cape Agulhas Municipality
Environmental status quo investigation for the draft Urban Design Framework for Masiphumelele	2016	City of Cape Town / AECOM
Environmental feasibility assessments of 31 sites for human settlements masterplanning and land disposal	2013-2014	WCG / AECOM
Environmental Feasibility for housing developments in Sir Lowry's Pass Village	2013-2014	City of Cape Town / AECOM

CONSTRUCTION MANAGEMENT, MONITORING AND AUDITING

Environmental Control Officer services for the dredging of Zeekoevlei	2025-2026	City of Cape Town
Environmental Control Officer services for the Zeekoevlei Weir upgrade	2026	City of Cape Town
Environmental Control Officer services for a new warehouse and distribution centre in Stikland Industria	2025	Zenprop
Environmental Control Officer services for the replacement of a scour chamber on the bulk water pipeline at Meerlust	2025	City of Cape Town

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Environmental Control Officer services for the new sludge handling facility at the Wildevoelwei wastewater treatment works, Cape Town	2025	City of Cape Town
Environmental Control Officer services for the rehabilitation of Jakes Gerwel Drive in Cape Town	2021	City of Cape Town
Environmental Control Officer services for an industrial development in Philippi	2021	Bowler Plastics
Independent environmental compliance audit of construction and operation of the Touwsrivier CPV 1 Concentrated Photovoltaic solar plant	2020	CPV 1
ECO services for the construction of a new parking area at the University of Cape Town	2020	University of Cape Town
ECO services for the construction of a pedestrian bridge over the N2 at De Beers Ave, Somerset West	2019-2021	Western Cape Government
ECO services for sewerage infrastructure upgrades in Gordon's Bay, Cape Town	2018-2020	City of Cape Town / Delta
ECO services for infrastructure developments for the new administration building, Kirstenbosch National Botanical Garden	2018-2020	SANBI/Aurecon
ECO services for the upgrading of Sir Lowry's Pass Road and Old Sir Lowry's Pass Road, Cape Town	2017-2021	City of Cape Town / SMEC
ECO services for the replacement of culverts beneath the R44 near Somerset West	2016	Western Cape Government
ECO services for the upgrade of the N1 between Platteklouf and R300	2016-2017	Western Cape Government
ECO services for upgrades to the water distribution system at Klaver Valley, Simonstown, Cape Town	2016-2017	Department of Public Works
Environmental construction monitoring for the widening of the Braid Street Bridge over the Fraser River, Burnaby, BC, Canada	2015-2016	Metro Vancouver
Environmental construction monitoring for the construction of the Glenlyon Business Park, Burnaby, BC, Canada	2015-2016	Private developer
Environmental construction monitoring for the construction of the New Haven commercial development, Burnaby, BC, Canada	2015-2016	Private developer
Environmental construction monitoring for the construction of the RedBrick residential development, Burnaby, BC, Canada	2015-2016	Private developer
Environmental construction monitoring for the construction of the Philip Avenue road-over-rail overpass, North Vancouver, Canada	2015-2016	District of North Vancouver
Environmental construction monitoring for the soil contamination remediation works and construction of a quay at Lonsdale Quay, North Vancouver, Canada	2015-2016	City of North Vancouver
Environmental construction monitoring for road widening at 160 th Street, Surrey, Canada.	2016	City of Surrey
Environmental construction monitoring for upgrades to various culverts, drainage channels, and stormwater infrastructure in Surrey, Canada.	2015-2016	City of Surrey
ECO services for the upgrading of the Stellenbosch Arterial Road, Cape Town	2014	Western Cape Government
ECO services for emergency works on the Franschoek Pass	2014	Western Cape Government
ECO services for the upgrade of Philippi Rail Station	2014	PRASA

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ECO services for the construction of a Shared Services Office Building in Khayelitsha, for the Western Cape Department of Transport and Public Works and the Western Cape Department of Health.

2014

Western Cape
Government

Environmental monitoring for various private residential developments in Squamish, Coquitlam, and Burnaby, Canada.

2015-
2016

Private

ECO services for the construction of the Southbreak / Dune Crest residential developments in Muizenberg

2013-
2017

Private

ECO services for the construction of the Joe Slovo Phase 3 housing development in Langa

2013-
2014

City of Cape
Town

ECO services for the construction of the Nuutgevonden residential development in Stellenbosch

2014

Private