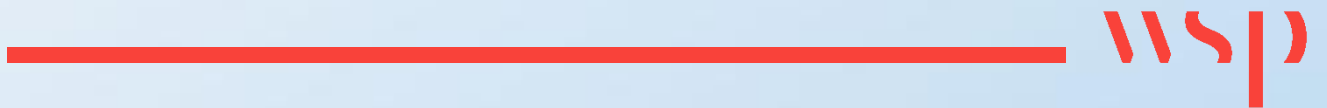


Appendix A

EAP CV



Rob Rowles

Principal Consultant, Earth & Environment



CAREER SUMMARY

Rob has been in the Environmental Consulting space for fourteen years and has been exposed to a wide range of roles and responsibilities within the Environmental Management sector. He is currently a Principal Consultant within WSP's Earth & Environment Division, in their Environment & Advisory team.

Rob has a Masters degree in Environmental Management and is a registered Environmental Assessment Practitioner with EAPASA. Rob has 14 years of on-the-job management experience having completed numerous ESIA, EIA, EMP, WULA, Mine Closure, 24G, Part 1 and 2 Amendments, Stakeholder Engagement Processes, ECO Auditing and Due Diligence projects within South Africa. Rob has project experience with projects ranging from mining (ESIA, Mine Closure and Operational Compliance), Port Developments, Asphalt Plants, Pipeline and Water Supply Schemes, Road Infrastructure (National and Provincial), Industrial Developments, Residential Developments, and public and private infrastructure projects.

2 years with WSP

Area of expertise

Extensive experience in Environmental Impact Assessment (Full Scoping EIA & Basic Assessment)

Extensive Environmental Control Officer (ECO) experience against the requirements of EMPs and EAs.

Water Use Authorizations (Full WULAs and GA's)

Mining Permits, Mining Rights, and Mine Closure

Extensive experience in the compilation of site specific EMPs, Environmental Due Diligence and Feasibility Assessments and reports

Experience in leading Public Participation processes, presenting and reporting.

14 years of experience

Language

English



EDUCATION

Masters in Environmental Management (MSc Environmental Management through The University of Johannesburg)	2012
Honours Degree in Geography and Environmental Science, University of KwaZulu-Natal	2008
B Social Science Degree in Geography and Environmental Science, University of KwaZulu-Natal	2007

PROFESSIONAL MEMBERSHIPS

Registered Environmental Assessment Practitioner (2022/5395)	EAPASA
International Association for Impact Assessment (7287)	IAIASa

PROFESSIONAL HISTORY

WSP Group Africa, Principle Consultant (Earth & Environment)	2023 - present
EnviroPro, Senior Environmental Consultant	2014 – 2023
Golder Associates, Environmental Consultant	2010 - 2013

PROJECT EXPERIENCE

RECENT EIA & WULA PROJECTS

(Current) Tronox's Port Durnford ESIR. Scoping ESIR Process in support of a Mining Rights Application for a heavy metal sand mining operation in uMhlatuze Local Municipality, Kwazulu-Natal. 2023 – present. EAP and Project Manager.

(Current) Transnet Ports Authority – BA Process, AMAFA Section 34 Process, and Dredge Disposal Application. Expansion and dredging works associated with the upgrade of the Maydon Wharf Berths 5-11 and 15. 2023 - present. EAP and project manager.

(Current) Glencore – BA Process. The Lakenvlei Wetland Rehabilitation Project in Mpumalanga. 2024-present. EAP and project manager.

(Current) Mondi – ECO Auditing. Compliance monitoring/ auditing for the construction of a new boiler project at Mondi Richardsbay, Kwa-Zulu Natal. 2024- present. Lead ECO and Project Manager.

(Current) Lanxess – EMP and ECO Auditing). On-site ECO for the decommissioning of Lanxess's factory and warehouse, Merebank, Kwa-Zulu Natal. 2024-present. EAP, ECO and Project Manager.

Palabora Copper – Section 34 Operational EMP Audit. Audit and reporting on compliance performance for 5 of PMC's operational EMPs. 2023 and 2024. EAP and Project Manager.

Richbay Chemicals, Richardsbay – 24G and Compliance auditing. Compliance auditing and 24G Process for Richbay Chemicals, Richardsbay, Kwa-Zulu Natal. 2024. EAP and Project Manager.

Richbay Chemicals PMB – Compliance auditing for Richbay Chemicals PMB. 2023. ECO and Project Manager.

Sappi – ECO Auditing. Compliance monitoring for an emergency construction project for a temporary weir on the uMkomaas River. 2024. ECO and Project Manager.

FFS Refiners – Part 1 Amendment for the conversion of used oil to diesel storage, Qhebega. 2023 and 2025. EAP and Project Manager.

KZN Department of Transport – HN Engineering, Nkwalyne Bridges. EIA x 4 and WUA. KZN, South Africa. 2022-2023. Lead Consultant. The assessment of 4 independent structures over four rivers and wetland near Melmoth, KZN.

Driftwood Estates – 24G Application. 2022. Lead consultant. A 24G process for an embankment that was constructed without authorisation within 100m of the high water mark of the sea and within an estuarine functional zone.

Shisalanga Construction – Part 2 Amendment for an additional stockpile area and extended footprint. 2022. Lead Consultant. The expanded project footprint (1ha) was within a highly sensitive vegetation type and area with endangered millepedes.

Ezemvelo KZN Wildlife – Mpila Staff Accommodation EIA. 2022-2023. Lead Consultant. An upgrade of staff housing and sewage infrastructure within the Mpila Camp.

KZN Department of Transport- HN Engineering, Mbojane Bridge EIA and WUA, South Africa 2019 – 2022. An assessment for a new bridge within a watercourse, adjacent to a nationally protected area.

The City of Umhlatuze Municipality, Civtech Engineering - Ntambanana Water Supply Scheme EIA and WUA, South Africa. 2019 – 2022. Lead Consultant. This water supply scheme consisted of 8 new reservoirs, over 400km of bulk and reticulation pipeline network, over four different municipal wards.

Melting Ice Investments (Pty) Ltd, Riverview Restaurant EIA and WUA, South Africa. 2019 – 2022 Lead Consultant. This was a private mixed-use development within 100m of the high water mark of the sea in Mdloti Town, KZN.

eThekweni Municipality, Magcakeni Water Supply Scheme, South Africa. 2019 – 2022. Lead Consultant

Shisalanga, SEIA for the Shisalanga Asphalt Plant Ulundi, South Africa. 2019 – 2022. Lead Consultant. The licensing of a permanent asphalt plant on a neighbouring protected reserve.

Shisalanga, SEIA for the Shisalanga Asphalt Plant, Hluhluwe, South Africa. 2019 -2022. Lead Consultant. The licensing of a permanent asphalt plant within an agricultural and private game reserve area.

Naidu Consulting / Department of Transport, Basic Assessment, WUA and ECO for The Little Mooi River Bridge, South Africa. 2019 – 2022. Lead Consultant and ECO. A new 3-span bridge within the Little Mooi river, at the foothills of the Highmoor National Reserve.

Neeran Mining, Sand Mine Closure. 2022 - 2023. Rob was the lead consultant for the closure submission for a privately owned sand mine in Winterton, KZN.

Naidu Consulting / Department of Transport, Basic Assessment, WUA and ECO for the D883 Road, South Africa. 2019 – 2022. Lead Consultant. A 10km provincial road upgrade, involving road realignment within a protected vegetation type.

HJK, Mine Closure. 2022. Rob was the lead consultant for the HJK Sand mine close submission to DMRE.

Harry Gwala District Municipality, District Roads Basic Assessment and WUA, South Africa. 2019-2022. Lead Consultant. Basic Assessment, WUA for 8 new District roads within the Harry Gwala District Municipality

eThekweni Municipality, Maintenance Management Plan for Waste Water Infrastructure in Sensitive Environments, South Africa. 2019 – 2021. Lead Consultant. Helped authorise and develop a MMP template for eThekweni's MMP projects that involve pipelines through sensitive areas.

KZN Department of Transport, Basic Assessment and WUA for the D59 Bridge, South Africa. 2019 – 2022. Lead Consultant. A new culvert along the D59 road within an endangered vegetation type.

eThekweni Municipality, Basic Assessment for the Hammarsdale Low Level Bridge, South Africa



2019 -2020. Lead Consultant. A provincial road upgrade that involved offsetting for the clearance of endangered grassland.

eThekwini Municipality, Basic Assessment for the Mafume Low Level Bridge, South Africa

2019 -2020. Lead Consultant. A new bridge in a green fields rural area, involving wetland loss and new road access in and out the valley.

eThekwini Municipality/Bosch Munitech, Basic Assessment for the Dudu Shangase and Nyatela Pedestrian Bridges, South Africa. 2019 -2020. Lead Consultant. Four individually assessed pedestrian bridges within the densely populated uMlalazi area.

DEC, Department of Transport, Basic Assessment for the Mkomazi Bridge, South Africa

2019 – 2020. Lead Consultant. An assessment for a road realignment and new 4-span bridge over the Mkomazi River.

RECENT ECO AUDITING/ DUE DILIGENCE PROJECT EXPERIENCE

Regulation 34 Audit for Palabora Copper, 2024. Lead auditor. An operational audit on five or PC's authorised EMPRs.

Lanxcess,2024-2025. ECO for the dismantling and decommissioning of the Lanxcess Merebank warehouse.

Mondi Group ECO, 2023-2025. ECO for the construction phase of Mondi Richards Bay new Boiler Project.

Regulation 34 Audit for Palabora Copper, 2023. Lead auditor. An operational audit on five or PC's authorised EMPRs.

PNGCON, Njabulu Eco Estate, South Africa. 2022 – 2023. Independent ECO Auditor for the greenfields Njabulo Eco Estate residential development.

KZN Transport, D59 Bridge Construction. 2022-2023. Rob was the lead consultant for the EIA, WUA and ECO for the construction phase of the D59 Bridge outside of Richmond KZN. Construction was not complete at the time that Rob joined WSP.

FWJK, TYNE Residential Development. 2022-2023. The independent ECO Auditor for Phase 1 of the Tyne Residential Development in uMhlanga, KZN. This project required EMP and SWMP development and implementation.

Transnet / Channel Construction, PE Port Slipway cradle upgrade, South Africa. 2021 -2022. Rob was appointed as the independent ECO for the slipway cradle upgrade. This entailed EMP development and monthly auditing within the Gqeberha Port.

eThekwini, Solomon Mhlangu M7 Upgrade, South Africa. 2022 – 2023. Rob was the independent ECO for the construction phase of eThekwini Municipality's M7 road upgrade.

BJFC/eThekwini Municipality, Adams Mission Water Supply Scheme, South Africa. 2019 – 2021. Rob was appointed as the independent ECO for the construction phase of the Adams Mission pipeline network. This pipeline crossed a number of very sensitive, critically endangered ecosystem types.

Bongaumausa Ngubo, Lethi'Ngubo Quarry, South Africa. 2021. Rob conducted Due Diligence audits for DMRE compliance on the Lethi'Ngubo stone quarry/

FWJK, Bridge City Development, South Africa. 2022. Rob was appointed as the independent ECO for the Bridge City IMPACT recycling industrial warehouse build.

E-Waste, PMB and Boxburg, South Africa. 2020-2023. Rob was appointed as the independent ECO responsible for the due diligence ECO auditing and reporting for E-Waste's electronical recycling plants in KZN and Gauteng.

The Rowles Group, The Woods Private Estate Developments, South Africa. 2021 – 2022. Rob was appointed as the independent ECO and ECO manager for the Rowles Group's The Woods residential development. This involved some careful management and rehabilitation of a critically endangered grassland and wetland.

HNE, Greater Kokstad Municipality's "Kokstad Housing" and the Harry Gwala District municipality's "Ixopo Public Housing" Projects. 2020-2023. Rob was the appointed ECO responsible for the environmental compliance for both the Kokstad and Ixopo housing projects.

SH Group, 57 North Beach Roach Private Development, South Africa. 2021 – 2022. Rob was appointed as the independent ECO for the entire 57 North Beach Road construction in uMdloti.

Ilmebe District Municipality, Darnall Sewer Network Upgrade, South Africa. 2019 – 2021. Rob was appointed as the independent ECO for the entire construction phase of this sewer network upgrade. This project entailed wetland management and stringent alien vegetation management.

National Asphalt, National Asphalt's Independent ECO for their Bon Accord, Middelburg, Rustenburg, Laezonia, Vanderbijl Park, Nelspruit, Musina, Roadside, Tzaneen and Pienaar's Rivier asphalt plants, South Africa. 2021 – 2023. Rob was responsible for Nation Asphalts' environmental compliance and reporting. These asphalt plants were audited bi-annually.

Shisalanga Construction, Shisalanga's Independent ECO for their Hluhluwe, Umlaas Rd, Ulundi, Escourt, Dundee, Cliffdale and Shakaskraal Plants, South Africa. 2019 – 2023. Rob undertook compliance audits for Shisalanga's asphalt plant operations in KZN, both in the construction and operational phases.

Naidu Consulting/ eThekweni Municipality, ECO for the Go Durban BRT Transport System, South Africa 2019 – 2022. Consultant and Auditor for the construction of the Go Durban BRT road network upgrade.

BTMN Engineering, Singisi Sub-Station (Greater Kokstad Municipality). 2020-2022. Rob was the independent ECO for the construction phase of the District Municipality's new sub station in Kokstad, KZN.

Naidu Consulting, Basic Assessment, WUA & ECO for Ezimbokodweni Pedestrian Bridge & Sewer Pipeline, South Africa. 2019 – 2022. Consultant and ECO Auditor for the construction phase of the pedestrian bridge and pipeline construction.

Naidu Consulting, Basic Assessment, WUA & ECO for uMshwathi Bridges, South Africa. 2019 – 2022. Consultant and ECO Auditor for the construction phases of the uMshwathi Bridges construction phases.

DEC, Basic Assessment, WUA & ECO for L207 Bridge, South Africa. 2019 – 2020. Consultant and ECO lead for the construction phase of the L207 Bridge.

Naidu Consulting, Basic Assessment, WUA & ECO for Msunduzi River Road Bridge, South Africa. 2019 – 2020. Consultant & independent ECO for the construction phase of the Msunduzi River Road Bridge.

Emzansi Engineers, Basic Assessment, WUA & ECO for uMzimkhulu Pedestrian Bridge, South Africa. 2019 – 2020. Consultant and ECO lead for the construction phase of the uMzimkhulu Pedestrian Bridge.

DEC, Basic Assessment, WUA & ECO for uMkomaas Steel Bridge Rehabilitation, South Africa. 2019 – 2020. Consultant and ECO for the construction phase of the uMkomaas Steel Bridge Rehabilitation phase.

Naidu Consulting, Basic Assessment Upgrade and construction of 8 roads in DC22, WULAs ECO, South Africa. 2019 – 2020. Consultant and Auditor for 8 x district roads in DC22 within the PMB, KZN.

BVI, Basic Assessment for Douglas Water Supply Scheme, South Africa. 2019 – 2022. Consultant and Auditor responsible for environmental compliance and monthly auditing for the construction phase of the Douglas Water Supply scheme.



UNIVERSITY
OF
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The Council and the Senate of the
UNIVERSITY OF JOHANNESBURG
hereby certify that the degree

MAGISTER SCIENTIAE

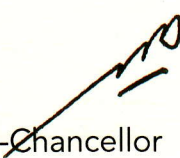
with field of study

Environmental Management

with all its associated rights and privileges
in accordance with the Statute of the
University has been conferred upon

ROBERT ARTHUR ROWLES

at a congregation of the University


Vice-Chancellor



Registrar

04 OCTOBER 2012
Johannesburg
ID 8409275061088



195095

**Environmental Assessment
Practitioners Association
of South Africa**



Registration No. 2022/5395

Herewith certifies that
ROBERT ARTHUR ROWLES
is registered as an
Environmental Assessment Practitioner

**Registered in accordance with the prescribed criteria of Regulation 15. (1)
of the Section 24H Registration Authority Regulations
(Regulation No. 849, Gazette No. 40154 of 22 July 2016, of the
National Environmental Management Act (NEMA), Act No. 107 of 1998, as amended).**

Effective: 01 April 2026

Expires: 31 March 2027

Chairperson

Registrar

