

Name of Consultant: Kelly Ochs
 Position / Profession: Environmental Practitioner
 Date of Birth: 11 October 1995
 Nationality: Namibian
 Email: kelly@eccenvironmental.com
 Website: www.eccenvironmental.com
 Contact: +264 81 408 2077

 **QUALIFICATIONS:**

University of Namibia: 2021 – 2022 MSc Biodiversity Management & Research
 University of Namibia: 2015 – 2020 BSc Environmental Biology (Hon)

PROFILE:

Kelly is a recent Master’s graduate from the University of Namibia. Her studies focused on monitoring and assessing the biodiversity of ecosystems, restoring disturbed areas and field work in rural communities aimed at improving the livelihoods of those communities. In her short time at ECC she has learned about ESIA, monitoring and amendment processes and continues to grow as an environmental practitioner.

KEY AREAS OF EXPERTISE:

Tenement Management	-	Coordinating and managing tenement-related activities, including tenure applications, renewals, and compliance reporting. Using environmental and tenement software tools (PX4)
Environmental (and social) Impact Assessments (EIAs)	-	Conducting and managing various small to large scale EIAs Compiling EIA Reports and EMPs Coordinate and review specialist studies Review EIA reports
Environmental Management Plans	-	Assisting in the development and implementation of environmental management plans and programs
Project Management	-	Planning, execution and overseeing projects to ensure specific goals are



LANGUAGES:

	Read	Write	Speak
English	Excellent	Excellent	Excellent
Afrikaans	Excellent	Good	Excellent



SUMMARY OF EXPERIENCE AND CAPABILITY:

In 2020, Kelly started working at UNAM as a part time laboratory and student assistant to guide science students with laboratory equipment and practical sessions, evaluation of student reports and tests, assist with tests and practical instructions. In 2021 she was awarded a DAAD scholarship to further her studies and obtain her master's degree. In 2022 Kelly joined the RGNO course and gained experience in oceanography studies focusing on a broad range of research projects along other scientists from other parts of the world. In 2023 Kelly joined ECC where she has been involved in environmental and social impact assessments, scoping, amendment and compliance reporting as well as Tenement Management.

PROJECT EXPERIENCE

PROJECT	DATE	ROLE
BSc (Hon) research project – “The effects of Ocean Acidification on Calcifiers from the Intertidal Zone off the Namibian Coast”	2019	Head researcher
MSc thesis – “Human Impacts on the Biodiversity of Macroinvertebrates in Intertidal Rocky Shores along the Namibian Coast.	2022	Head researcher
Participated in Regional Graduate Network in Oceanography	2022	Graduate researcher
ECC, on behalf of Mertens Mining and Trading (Pty) Ltd, applied for the amendment of the environmental clearance certificate (ECC 01697) to include the addition of mining claims 68853 and 68854 with the existing mining claims 68855 – 68861 and 67633 as part of EPL 7699 in Khomas and Hardap region, Namibia.	2023	Practitioner managing the Amendment process (including Amendment application, report and updated EMP).
The proposed construction of a base transceiver station (BTS) and the associated infrastructure for Paratus Telecommunication (Pty) Ltd on a portion		Environmental Assessment Practitioner managing the EIA process (including stakeholder engagement and PPP and report review)

<p>of land (Erf 2747), ext. 11 in Henties Bay, Erongo Region, Namibia</p> <p>The proposed 66KV overhead powerline for the Twin Hills Gold Project, within the Erongo Region, Namibia</p>		<p>Environmental Assessment Practitioner managing the EIA process (including stakeholder engagement and PPP and report review)</p>
<p>PyroNam Biochar Group Scheme Management</p>		<p>Assisted in the conducting FMP reports for the PyroNam Group Scheme.</p>
<p>Environmental clearance certificate renewal application for InnoSun Energy Holding (Pty) Ltd for 5MW AC farms at Osona, Ombepo and Outapi and 10 MW wind farm near Ludertiz</p>	<p>2023-2024</p>	<p>Project manager and author of compliance reports for renewal applications</p>
<p>Undertake an ESIA and an Environmental Management Plan (EMP) for the mining activities on Mining Licence (ML) 129 and 133, held by Andrada Mining</p>		<p>Environmental Assessment Practitioner managing the EIA process (including stakeholder engagement and PPP and report review)</p>
<p>The proposed construction of five concrete transformer platforms and the upgrade of an existing wash and service bay at Brakwater, Khomas region, Namibia, on behalf of Burmeister & Partners, for NamPower</p>		<p>Environmental Assessment Practitioner managing the EIA process (including stakeholder engagement and report review)</p>
<p>The proposed green ammonia terminal, ammonia pipeline and hydrogen pipeline project, Erongo Region, Namibia, on behalf of Cleanergy Solutions Namibia (Pty) Ltd</p>		<p>Environmental Assessment Practitioner and Project Manager of the EIA process (including stakeholder engagement and PPP and report review)</p>
<p>Dundee Smelter Due Diligence Report on behalf of Sinomine Resource Group co., Ltd.</p>		<p>Author as part of a team to conduct a due diligence assessment including in depth research and risk assessment</p>
<p>Environmental clearance certificate renewal application for B2Gold agriculture Project, InnoSun #Oab Project and Retort Charcoal bush thinning + production and various other projects</p>	<p>2025</p>	<p>Project manager and author of compliance reports for renewal applications</p>
<p>Tenement Management of various Mining companies including Noronex Exploration and Mining and Andradra Mining</p>		<p>Tenement Management on PX4 system and preparing the necessary documents</p>
<p>Small-scale mining and silica Project</p>		<p>Environmental Assessment Practitioner and Project Manager of the EIA process (including stakeholder engagement and PPP and report review)</p>

CERTIFICATION:

I, the undersigned, certify that to the best of my knowledge and belief, these data correctly describe me, my qualifications, and my experience.

DATE: 08/04/2024

A handwritten signature in black ink, appearing to read 'Kelly Ochs', written over a horizontal line.

Kelly Ochs

Name of Consultant: Samuel Shinyemba
 Position / Profession: Environmental Practitioner and Reviewer
 Date of Birth: 15 September 1995
 Nationality: Namibian
 Email: samuel@eccenvironmental.com
 Website: www.eccenvironmental.com
 Contact: +264 81 4765 261

QUALIFICATIONS:

University of Namibia: 2014 – 2018 Bachelors of Science in Integrated Environmental Science

PROFESSIONAL ASSOCIATIONS:

- Namibia Scientific Society
- Namibia Environment and Wildlife Society
- Namibia Bird Club

PROFILE:

Samuel holds a Bachelor of Science degree in Integrated Environmental Science from the University of Namibia. His passion lies in the field of environmental awareness, natural resource conservation, population and behavioural ecology.

KEY AREAS OF EXPERTISE:

Environmental Management	-	Environmental monitoring and compliance, public participation and stakeholder engagement
Environmental Awareness	-	Extension of theoretical environmental knowledge through field guiding and social interaction

LANGUAGES:

	Read	Write	Speak
English	Good	Good	Good
Oshiwambo	Good	Good	Excellent

SUMMARY OF EXPERIENCE AND CAPABILITY:

Samuel graduated top of his class in 2018. In addition to the theory training, Samuel has actively been involved in environmental affairs through his membership position in environmental clubs that are under the stewardship of the Namibia Scientific Society. He acquired environmental practical experience through his position as a Field Guide and Park Ranger for Gondwana Collection Namibia. Samuel joined the ECC team in 2021 and is actively involved in monthly monitoring/EMP compliance audits and engaging with stakeholders on various projects within the Namibian scope.

PROJECT EXPERIENCE

PROJECT	YEAR	ROLE
The construction and operation a BTS tower and associated infrastructure for Paratus Telecommunications (Pty) Ltd on Erf 886, Lüderitz, !Karas Region, Namibia	2025	Lead Practitioner
The construction and operation of a BTS tower and infrastructure for Paratus Telecommunications (Pty) Ltd on Erf 398, Outjo East, Kunene Region, Namibia	2025	Lead Practitioner
The proposed Omitiomire Copper Mine Project	2024	Lead Practitioner
The proposed construction and operation of a tourism lodge on Farm Waldeck No. 28	2024	Lead Practitioner
The 66 kV powerline for the Twin Hills Gold Project	2023	Lead Practitioner
Namibia Marine Phosphate – Sandpiper Marine Phosphate Project	2021-Present	Stakeholder Engagement Officer
GACP+ Standard Project	2022-Present	Assistant Community Based Trainer & Trainer
Jumbo Fair Trade for Tradecraft	2021-Present	Environmental monitoring, data analysis and report compilation
Osino Twin Hill Gold Mine Project	2021-Present	Environmental compliance and auditing through fieldwork, samples collection, data analysis and report compilation.
Uis Tin Mine Project	2021-2022	Environmental compliance and auditing through fieldwork, samples collection, data analysis and report compilation.

CERTIFICATION:

I, the undersigned, certify that to the best of my knowledge and belief, these data correctly describe me, my qualifications, and my experience.

DATE: 25/07/2025



Samuel Shinyemba

Name of Consultant: Luke Cecil Towers
 Position / Profession: Principal Environmentalist and Hydrogeologist
 Date of Birth: 29 January 1989
 Nationality: South African
 Email: luke@eccenvironmental.com
 Website: www.eccenvironmental.com
 Contact: +27 60 681 2060

 **QUALIFICATIONS:**

University of Stellenbosch:	2012	BSc. Earth Science (Geology)
University of the Free State:	2013	BSc. Geology (Hons.)
IGS University of the Free State:	2018	MSc. Geohydrology

PROFILE:

Luke Towers is a highly skilled and experienced environmentalist and hydrogeologist with a BSc in Earth Science (Geology) from Stellenbosch University and an MSc in Hydrogeology from the University of the Free State. Luke is a registered as a Professional Scientist with the South Africa Council of Natural Scientists. With extensive experience in water resource management, environmental monitoring, and environmental assessments across Southern and East Africa. He is proficient in ESIA's, EMPs, secondary permits, compliance, ECO, water resource management and project management across various industries including mining, civils, industrial and renewable energy.

KEY AREAS OF EXPERTISE:

Hydrogeology	-	Groundwater assessment and development, hydrogeological monitoring and water resource management
Project Management	-	Management of teams through Southern Africa for various projects. Former director of a earth science consultancy.
Environmental Management and Social Impact Assessments ESIA's, Environmental Management Plans (EMPs).	-	Compiling EIA reports and EMPs. Coordinate, and review specialist studies. Review EIA reports Environmental Management Systems (EMS). Public participation and stakeholder management.



LANGUAGES:

	Read	Write	Speak
English	Fluent	Fluent	Fluent
Afrikaans	Fluent	Fluent	Fluent



SUMMARY OF EXPERIENCE AND CAPABILITY:

Luke Towers has over 11 years of experience in the environmental sector throughout Southern and Eastern Africa. He originally trained as a geologist and hydrogeologist but branched out into the environmental sciences over the years. Experience gained has been through various roles, particularly as Technical Team Member, Key Expert, Study Leader and Project Manager.

Luke has experience in undertaking Environmental Impact Assessments in South Africa and Namibia as well as developing and monitoring compliance of Environmental Management Plans and various secondary permits. Luke is versed in a broad range of aspects relating to environmental science, geology and hydrogeology having experience in groundwater assessments and development, water resource management, contaminated land assessments, soil classification, water strategy development for urban and rural water supply, social and gender studies, capacity building to municipalities, environmental authorisations and compliance, stake holder engagement and project management. Luke has worked in rural and urban areas alike and has gained experience in stake holder engagement with rural communities and traditional authorises.

In early 2024, Luke joined Environmental Compliance Consultancy (ECC) as the Principal Environmentalist and Hydrogeologist. Prior to this, he was a director of an earth science consultancy in South Africa as well as the head of Water Science as the senior hydrogeologist. Prior to that Luke gained experience in mineral prospecting in Botswana and coal exploration in Australia.

PROJECT RELEVANT EXPERIENCE

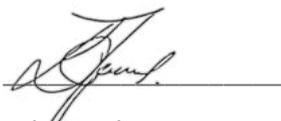
PROJECT	DATE	ROLE
Lethabo Power Station (Free State, South Africa). Environmental Compliance Audit	2012	Team Member
Eskom Pinotage sub-station, Western Cape (South Africa). Technical site lead – water and environment.	2016	Technical site lead
Bokpoort Concentrated Solar Plant (Northern Cape, South Africa). Project Manager, EMP Compliance and Water Use Licencing.	2019	Project Manager

Atlantis Water Resource Management Scheme at Eskom Koeberg Nuclear Power Plant	2017-2023	Project Manager, Key Expert
Straussheim solar facility (Northern Cape, South Africa)	2016	Study Lead
Gateway Expansion Project, Hermanus, Overstrand Municipality (South Africa)	2022-2023	Project Manager and technical reviewer
Due Diligence Assessment of the proposal for KfW for onsite remediation of groundwater, including stake holder engagement of Ramotswa Village (Botswana)	2022-2023	Project Manager and Key Expert IAP engagement
Moses Kotane and Thabazimbi Local Municipalities, Capacity Building for the CSIR (South Africa)	2021-2023	Project Manager IAP engagement
Potash mining feasibility in the Danakil Depression of the Afar Region of northeast Ethiopia (Ethiopia)	2016	Technical Lead IAP engagement
Water Strategy for Central Malawi tobacco farmers (Malawi)	2019	Project Manager and Key Expert
Groundwater, Aquifer Mapping and Water Development for the state of Eritrea (World Bank, WSP and Government of Eritrea)	2020	Key Expert

CERTIFICATION:

I, the undersigned, certify that to the best of my knowledge and belief, these data correctly describe me, my qualifications, and my experience.

DATE: 21/10/2024



Luke Cecil Towers

Name of Consultant: Jessica Bezuidenhout
Position / Profession: Managing Director
Date of Birth: 24 October 1984
Nationality: Australian – Namibian Domicile
Email: jessica@eccenvironmental.com
Website: www.eccenvironmental.com
Contact: +264 81 653 1214

TERTIARY EDUCATION:

Federation University Australia: 2003 – 2006 Bachelor of Applied Science – Environmental Management

OTHER TRAINING:

- Management Systems Leadership
- ICAM – Incident Causes Analysis Method
- Certificate II in Metalliferous Mining Core Safety and Risk Management
- Certificate III in Mine Emergency Response & Rescue
- Level 3 – HLTFA402B Apply Advance First Aid Emergency Rope Rescue
- Level 2 – 21593VIC First Aid Level 2 Bonded Asbestos Removal > 10m²
- Leading and Managing People – Brisbane North Institute of TAFE

Professional Associations:

- Chamber of Mines Namibia
- Women on Boards
- The Chamber of Minerals and Energy of Western Australia Industry Member – Mining, Minerals and Resources
- Environmental Assessment Professional Association of Namibia (EAPAN)

PROFILE:

Jessica works as the managing director of ECC and has a diverse environmental background. Mrs Bezuidenhout has leading practical experience in fields of construction, exploration, monitoring and audit compliance, consultancy, operations, water treatment and wastewater treatment plants, environmental approvals, legal, minimising operational impacts, community liaison, including indigenous relationship management, mine closure and rehabilitation.

KEY AREAS OF EXPERTISE:

Environmental Management	-	Project Management
Environmental (and social) Impact Assessments (EIAs)	-	Conducting and managing various small to large scale EIAs Compiling EIA Reports and EMPs Coordinate and review specialist studies
Environmental & Social Compliance reporting	-	Environmental and Social compliance audits in the construction and mining industry



LANGUAGES:

English	Read Excellent	Write Excellent	Speak Excellent
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SUMMARY OF EXPERIENCE AND CAPABILITY:

Jessica has 15 years of mining and construction experience in the SHEQ field, with 7 years of that being in Australia and 8 years in Namibia and Southern Africa. Her first three years were as an Environmental Systems Coordinator where she obtained regulatory approvals, oversaw operational budgets and bond management for mine closures, oversaw compliance and ensured environmental and social aspects of international management codes were adhered to. The following 3 years she worked in the environmental management field as a Site Environmental Manager managing various projects and bringing sites into full compliance with environmental legislative frameworks, while also being responsible for the environment, sustainability, and social reporting portfolio. She then went on to work as an Environmental Consultant where she was responsible for mine closure and rehabilitation and sustainability reporting. Since 2016 Jessica has been a Managing Director of Environmental Compliance Consultancy (ECC) spearheading many environmental impact assessments undertaken in Southern Africa, advising clients and has thus gained great practical experience and knowledge on local and international compliance and auditing standards such as IFC and the World Bank.

PROJECT EXPERIENCE

PROJECT	DATE	ROLE
Contracted services by The Australian Defence Force (ADF) for Environmental Management of Defence projects.	2006 – 2007	Environmental Project Manager
Site environmental officer and systems coordinator, Ballarat Goldfields.	2007 – 2010	Environmental Systems Coordinator
Managed the environmental and community aspects of three operations: Savannah Nickel Mine, Copernicus Nickel Mine (currently in care and maintenance) and the operations at Wyndham Port	2010-2013	Site Environmental Manager
A mine closure project taking an operating mine site into the rehabilitation and closure phase. This project involved the full development of a mine closure plan, facilitation of the government	2013-2014	Environmental Consultant

approvals, stakeholder engagement and technical environmental studies to inform the mine closure plan		
Full scale construction of new greenfield mine into an operational copper mine - Tschudi	2013-2016	HSE Manager
HSE management of operational underground mines, Otjihase and Matchless	2013-2016	HSE Manager
Director Environmental Compliance Consultancy	2016 – Current	Managing Director and principal environmental practitioner
Projects completed while at ECC		
The Environmental Impact Assessment (EIA) for the proposed Walvis Bay Waterfront development	2018	Principal Environmental Assessment Practitioner managing the EIA process (including stakeholder engagement and PPP and report review)
Conduct the Namibian assessment on the laws and policies relating to six thematic areas based on a compendium of best practices for governments to best deal with the full range of issues related to mining.	2018	Principal Environmental Assessment Practitioner
ESIA amendment for B2Gold Namibia Mining Licence (ML 169) to developed underground mine working for the Otjikoto Gold Mine	2019	Principal Environmental Assessment Practitioner managing the EIA process (including stakeholder engagement and PPP and report review)
Kunene Regional Counsel Sustainable water supply Pipeline and Ancillary works	2019	Principal Environmental Assessment Practitioner managing the EIA process (including stakeholder engagement and PPP and report review)
ESIA application for B2Gold Namibia 10.8 megawatt PV solar upgrade to the B2Gold Power Plant	2019	Principal Environmental Assessment Practitioner managing the EIA process (including stakeholder engagement and PPP and report review)
EIA application for Uris irrigation scheme	2019	Principal Environmental Assessment Practitioner managing the EIA process (including stakeholder engagement and PPP and report review)
MAWF permit application for Water Abstraction and Discharge for Uris Irrigation scheme	2019	Principal Environmental Assessment Practitioner managing the EIA process (including stakeholder engagement and PPP and report review)
EIA application for University of Namibia (UNAM) Katima Mulilo Campus Expansion	2019	Principal Environmental Assessment Practitioner managing the EIA process (including stakeholder engagement and PPP and report review)
ESIA application for Farm Tsumore 761 Unit B Irrigation Project	2019	Principal Environmental Assessment Practitioner managing the EIA process (including stakeholder engagement and PPP and report review)
MAWF permit application for Water Abstraction and Discharge for Tsumore 761 Unit B Irrigation Project	2019	Principal Environmental Assessment Practitioner managing the EIA process (including stakeholder engagement and

		PPP and report review)
ESIA application for Otjiwarongo Wastewater Treatment and Bulk Water Supply	2019	Principal Environmental Assessment Practitioner managing the EIA process (including stakeholder engagement and PPP and report review)
ESIA for the Wastewater Treatment facilities for Gondwanan Collection	2019	Principal Environmental Assessment Practitioner managing the EIA process (including stakeholder engagement and PPP and report review)
MAWF permit application for Water Abstraction and Discharge for Gondwanan Collection	2019	Principal Environmental Assessment Practitioner managing the EIA process (including stakeholder engagement and PPP and report review)
Engaged by Mertens Mining and Trading (Pty) Ltd, to undertake an Environmental Impact Assessment (EIA) and an Environmental Management Plan (EMP) to undertake bulk sampling, exploration activities and trial processing on EPL 7699.	2020	Principal Environmental Assessment Practitioner managing the EIA process (including stakeholder engagement and PPP and report review)
Engaged by Kuiseb Copper Company (Pty) (Ltd) to undertake an ESIA and an Environmental Management Plan (EMP) for EPLs: 7528, 7529, 7530, 7531, 7532, 7533, 7534, 7535, 7536, 7537, 7538, 7539, 7540, 7541, 7542, 7543, 7730, 7731, 7732,	2020	Principal Environmental Assessment Practitioner managing the EIA process (including stakeholder engagement and PPP and report review)
Exploration by Cheetah Minerals	2020	Principal Environmental Assessment Practitioner managing the EIA process (including stakeholder engagement and PPP and report review)
Engaged by Skorpion Zinc (Namzinc) (Pty) (Ltd) to undertake an ESIA and an Environmental Management Plan (EMP)	2021	Principal Environmental Assessment Practitioner managing the EIA process (including stakeholder engagement and PPP and report review)
Engaged by Afritin Mining Namibia (Pty) Ltd to undertake the ESIA and Environmental Management Plan (EMP)	2021	Principal Environmental Assessment Practitioner managing the EIA process (including stakeholder engagement and PPP and report review)
Project Wings - engaged by Headspring Investments (Pty) Ltd to undertake the Environmental, Social and Impact Assessment and Environmental Management Plan	2021	Principal Environmental Assessment Practitioner managing the EIA process (including stakeholder engagement and PPP and report review)
Application for an Environmental Clearance Certificate for Twin Hills Gold Project	2021	Principal Environmental Assessment Practitioner managing the EIA process (including stakeholder engagement and PPP and report review)
Engaged by to undertake an ESIA and an Environmental Management Plan (EMP) for the stage 2 expansion of the pilot tin processing plant on Mining Licence (ML) 134, held by Uis Tin	2021	Principal Environmental Assessment Practitioner managing the EIA process (including stakeholder engagement and PPP and report review)

Mining Company		
ESIA for the proposed Sandpiper Marine Phosphate Project within ML 170, offshore, Namibia	2022	Principal Environmental Assessment Practitioner managing the EIA process (including stakeholder engagement and PPP and report review)
The proposed Ongombo Copper Mining Project in the Khomas Region, Namibia	2022	Principal Environmental Assessment Practitioner managing the EIA process (including stakeholder engagement and PPP and report review)
The proposed construction and operation of an additional tailings storage facility (TSF3), Erongo Region, Namibia	2023	Principal Environmental Assessment Practitioner managing the EIA process (including stakeholder engagement and PPP and report review)
The proposed Osona II – 36MW solar PV power plant near Okahandja, Otjozondjupa Region, Namibia	2023	Principal Environmental Assessment Practitioner managing the EIA process (including stakeholder engagement and PPP and report review)
The Proposed Gergarub Mining Project on ML 245, within the //Kharas Region, Namibia	2024	Principal Environmental Assessment Practitioner managing the EIA process (including stakeholder engagement and PPP and report review)
The proposed Omitiomire Copper Mine on ML 197 in the Khomas Region, Namibia	2024	Principal Environmental Assessment Practitioner managing the EIA process (including stakeholder engagement and PPP and report review)
The proposed construction of an ammonia terminal at the Walvis Bay Port area, Erongo Region, Namibia	2025	Principal Environmental Assessment Practitioner managing the EIA process (including stakeholder engagement and PPP and report review)
The proposed construction of an ammonia pipeline from Farm 58 to Walvis Bay Port, Erongo Region, Namibia	2025	Principal Environmental Assessment Practitioner managing the EIA process (including stakeholder engagement and PPP and report review)
IJG Advisory Services (Pty) Ltd to assess and compile an environmental and social due diligence report for activities of Namibia Marble and Granite (Pty) Ltd on ML 142 and marble processing plant in Karibib	2025	Principal Environmental Assessment Practitioner managing the EIA process (including stakeholder engagement and PPP and report review)

CERTIFICATION:

I, the undersigned, certify that to the best of my knowledge and belief, these data correctly describe me, my qualifications, and my experience.

DATE: 03/06/2025



FULL NAME OF CONSULTANT: JESSICA BEZUIDENHOUT