

APPENDIX H: DETAILS OF EAP

CURRICULUM VITAE



KATE HAMILTON

Senior Environmental Consultant

Environmental Management, Planning and Approvals,
Africa

QUALIFICATIONS

BSc	1997	Majors in Environmental & Geographical Science, Zoology and Botany, UCT, RSA
BSc (Hons)	1999	Majors in Environmental & Geographical Science and Zoology, UCT, RSA

EXPERTISE

- Environmental Impact Assessments
- Environmental Management Programmes
- Water Use Licence Applications
- Project Management

Kate is a Senior Consultant based in Johannesburg. As a specialist environmental project manager she has over 12 years of private sector experience in Environmental Consulting. Kate has worked as a project manager in the environmental field where she has developed core competencies in environmental management, project management and coordination and environmental monitoring, with a focus in the mining sector. Kate has worked on projects throughout the project lifecycle from exploration/ site identification through pre-feasibility to feasibility, to operation and closure for the mining, power, infrastructure and oil and gas sectors. This includes conducting site identification, screening and scoping studies, baseline studies, impact assessments, monitoring, management planning and implementation, and public consultation processes; for local regulatory permitting processes, as well as project finance and development finance institution's requirements in line with international best practice standards. Kate has worked extensively in the SADC region as well as in West Africa and has experience in managing large scale environmental projects with large integrated teams in challenging locations across the continent.

Kate started work with SLR in May 2019.

PROJECTS

Projects that Kate has worked on at SLR and prior to SLR

Pella Bulk Water Pipeline Upgrade, Northern Cape, Current

Project Manager for the Pella Bulk Water Pipeline Upgrade Basic Assessment process which includes a thorough stakeholder engagement process.

Gamsberg Zinc Smelter EIA, Northern Cape, Current

Project Manager for the Gamsberg Smelter Project at the Gamsberg Zinc Mine in the Northern Cape Province of South Africa. Project included the Scoping and EIA process, Waste Management Licence (WML), Water Use Licence Application (WULA) and Atmospheric Emissions Licence (AEL).

Confidential Power Project, Nigeria, 2017 –2019	Update of ESIA's for the Power Plant and the Transmission Line including relevant specialist studies, as well as compilation of a consolidated Environmental and Social Management and Monitoring Plan (ESMMP) for submission to the Nigerian Authorities. This included a Baseline Revalidation Report for both ESIA's.
Kangra Coal (Pty) Ltd, South Africa, 2016 –2018	Kate was the Project Manager for the Environmental Impact Assessment (EIA) and Environmental Management Programme (EMPr) for the construction, operation and decommissioning of a new discard dump, a new adit and overland conveyor, and new underground works at Kangra Coal's Savmore Colliery, Mpumalanga, South Africa. Mitigation and management measures were identified through various specialist studies to reduce/minimise impacts on the environment due to project related activities and were included in the EMPr. A thorough stakeholder engagement process was also undertaken whereby all interested and/or affected parties were informed of the process and given the opportunity to comment. This EIA and EMPr was compiled in accordance with the South African EIA Regulations (December, 2014).
James Durrans& Sons Ltd, South Africa, 2016 –2017	Project manager for the EIA and EMPr for a new Calcination Plant in the Sasolburg area.
ESIA for 350 MW solar PV project in Zambia, 2016 – 2018.	Scoping and EIA process for a greenfield Solar PV Plant in the vicinity of Lusaka for submission to ZEMA.
Kangra Coal (Pty) Ltd, South Africa, 2015 –2017	In terms of Section 22 (4a) of the Mineral and Petroleum Resources Development Act (Act No. 28 of 2002) (MPRDA), Kangra Coal was required to apply for a Mining Right from the Regional DMR. This involved the compilation, submission and approval of an EIA and EMPr in terms of Section 39 of the MPRDA. As part of the regulatory process a Scoping and EIA Phase was undertaken including the required stakeholder engagement.
Encorex Tsepa Joint Venture, South Africa, 2015	Project Manager for the Installation of aboveground storage tanks (AST's) for the storage of LPG at the Masakhane Laundry Facility, Rosslyn.
Shell Rocky Drift, South Africa, 2015	Effluent disposal permit application.
Distell Group Limited, South Africa, 2015	Project Manager for the Basic Assessment Report for the installation of Carbon Dioxide and Ethanol storage tanks.
Vodacom Midrand Ltd, South Africa, 2014	Project Manager for numerous applications for the installation of diesel tanks at various locations on their Midrand Campus site. EMP training was also undertaken for Vodacom staff.
Prominent Paints, South Africa, 2014	Project Manager for the Section 24 G application for the installation of tanks at their site.
Engen Petroleum Ltd, South Africa, 2013-2014	Basic Assessment Application for a new service station and associated bridge widening.

Venetia Diamond Mine, South Africa, 2013-2014	Kate was the Project Manager for the EIA process to license the waste activities at Venetia Diamond Mine. The waste management facilities for the open pit and underground operations required licensing under the National Environmental Management: Waste Act (Act 59 of 2008).
Western Cluster Limited, Liberia, 2012 -2013	Kate was the Project Manager for the Environmental and Social Impact Assessment (ESIA) for the redevelopment of the Bomi Iron Ore Mine. The project involved the redevelopment of an 80 mtpa iron ore mine near Tubmanburg in Liberia. The ESIA was undertaken in line with IFC Performance Standards under severe time constraints. Timely submission of the ESIA enabled the client to achieve environmental authorisation of the Mine prior to the Project being put on hold due to the Ebola outbreak in early 2014.
Letseng Diamond Mine, Lesotho, 2012	The Social and Environmental Management Plan (SEMP) Report included the management of a new diamond processing plant (Plant No. 3), a new Tailings Storage Facility (TSF), expansions to the Waste Rock Dump (WRD) and relocation of the mining complex to allow for the expansion of the mining pits. The process included the consolidation of the existing EMPs to include all current and future operations, and to align the LDM SEMP to relevant good international industry practice.
Venetia Diamond Mine, South Africa, 2011	An EIA process was undertaken for the Venetia Mine for the expansion of the current open pit operations to include underground operations. In order for DBCM to meet all regulatory requirements a parallel EIA approval process was followed in order to meet all the requirements of the Mineral and Petroleum Resources Development Act (MPRDA), 2002; the National Environmental Management Act (NEMA), 1998; the National Environmental Management: Waste Act (NEMWA), 2008; and the National Water Act (NWA), 1998.
Anglo Platinums' Lebowa Platinum Mine, South Africa, 2008-2010	EIA and EMP for amendment to an Environmental Management Plan for the installation of above ground storage tanks at Anglo Platinums' Lebowa Platinum Mine.
Mmamabula Energy Project, Botswana, 2006 - 2009	The Mmamabula Energy Project involved the development of a coal mine, power station and associated infrastructure in southern Botswana. Kate also assisted with the stakeholder consultations for the project.
Anglo Platinums' Twickenham Platinum Mine, South Africa, 2008	Social and Environmental Scan at Anglo Platinums' Twickenham Platinum Mine, to identify environmental and social sensitivities at the potential temporary tailings dam sites.
Goldfields Kloof, South Deep and Driefontein Gold Mines, South Africa, 2008-2009	Compilation of an EIA and EMP report for the amendment of the EMP for the installation of emergency power generators and associated diesel storage at Goldfields Kloof, South Deep and Driefontein Gold Mines, South Africa, 2008-2009.
Shell NEMA Rectification Applications for above and underground fuel storage tanks, 2007	Kate was involved in the undertaking of site visits, report writing and the submission of Rectifications reports for the Western Cape Province. The role entailed the coordination of site visits and reporting requirements, project database management, quality control of report deliverables, authority liaison and submission of the required deliverables.

<p>Environmental review of the Durban International Airport site for redevelopment into a container port, South Africa, 2007</p>	<p>Compilation of a report to identify potential environmental and social restrictions associated with future development of the site. Issues considered included historical soil and groundwater contamination, biodiversity and social issues such as resettlement of existing land users. Cost estimates to address both environmental site liabilities as well as cost to meet legislative requirements in terms of the EIA regulations were provided.</p>
<p>MEMBERSHIPS</p>	
<p>Member</p>	<p>International Association for Impact Assessment (South Africa)</p>