



DIGBY WELLS

ENVIRONMENTAL

Claire Wannenburg

Manager: Compliance

Environmental and Legal Services

Digby Wells Environmental

1 Education

- Bachelor of Science (BSc) Honours – University of Pretoria (2013)
- Bachelor of Science (BSc) – University of Pretoria (2012)

2 Language Skills

English

3 Employment

March 2021 – Present

Manager: Compliance - Digby Wells Environmental (Pty) Ltd | Johannesburg | South Africa

January 2016 – February 2021

Environmental Consultant – Digby Wells Environmental (Pty) Ltd | Johannesburg | South Africa

October 2013 – December 2015

Assistant Environmental Consultant – WSP Environmental (Pty) Ltd | Johannesburg | South Africa

January 2013 – August 2013

Geography Tutor– University of Pretoria | Pretoria | South Africa

4 Experience

Claire holds a Bachelor of Science (BSc) in Environmental Science (2010-2012) and has completed her BSc (Honours) in Environmental Management and Analysis (2013-2013) from the University of Pretoria where she majored in Environmental Impact Assessment, Auditing and Environmental Law. Claire is a hard working individual, a good team player and always strives to perform to the best of her abilities. She has eight years' experience and has managed various Environmental Audits and Water Use License Audits and has worked as an Environmental Control Officer. She has also managed high profile Environmental Impact Assessments; Basic Assessments; Water Use License and Permitting Applications;

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*Non-Executive

Environmental Management Programme Amendments; Green Star Environmental Management Programmes and Mine Closure Projects.

She was awarded Golden Key International Membership which recognises the top 15% of students per field of study in any undergraduate and post-graduate degree. Claire is also ISO14001 certified as an internal lead auditor and is registered as an Environmental Assessment Practitioner (EAPASA Ref No. 2019/1013).

5 Project Experience

5.1 Integrated Environmental Management

Table 1 below provides a list of the integrated environmental management projects she has managed or worked on.

Table 1: Integrated Environmental Management Projects

Project Title	Company	Year	Role
Environmental application for the decommissioning of redundant infrastructure at the Vaal River Operations and West Wits Operations, AngloGold Ashanti	AngloGold Ashanti Limited	2013	Project administrator
Waste identification and classification, Vaal River and Carltonville	AngloGold Ashanti Limited	2013	Project administrator
Environmental application for the Envirocin pet crematorium proposed expansion	Envirocin Incineration Systems cc	2014	Project administrator
Environmental authorisation for the proposed opencast coal mining of Block Z	Anglo American Thermal Coal Isibonelo Colliery	2014	Project administrator
Environmental authorisation for the proposed establishment of a kraft paper mill	Industrial Development Corporation of South	2014	Project administrator
Environmental authorisation for the proposed excavation and backfilling of silt material	Silicon Smelters (Pty) Ltd	2016	Project administrator
Environmental authorisation for the proposed Hendrina underground coal mine	Glencore Operations South Africa (Pty) Ltd	2016	Project administrator
Environmental authorisation required for the Agnes Gold Mine	Galaxy Gold Reefs (Pty) Limited	2016	Project administrator
Section 102 for the amendment and consolidation of the Thubelisha, Trichardtfontein and Vaalkop	Sasol Mining (Pty) Ltd	2017	Project administrator



Project Title	Company	Year	Role
Environmental authorisation for the proposed closure and rehabilitation at the Eskom Kilbarchan Colliery	Eskom Holdings SOC Limited	2017	Project administrator
Section 102 for the amendment of the EMPr and renewal of a Mining Right for the Elandsfontein Colliery	Elandsfontein Colliery (Pty) Ltd	2017	Project administrator
Environmental authorisation for the proposed construction of a pipeline at the Mbali Colliery	HCI Coal (Pty) Ltd	2017	Project administrator
Closure application process for Prospecting Rights, North West Province	Rustenburg Platinum Mines Limited	2018	Project Manager
Environmental authorisation for the proposed ash backfilling of the underground workings of the Sigma Defunct Colliery where a potential for pillar failure has been identified	Sasol Mining (Pty) Ltd	2018	Project Manager
Environmental authorisation for the proposed surface mitigation measure project which included a river diversion of the Leeuspruit and Rietspruit located at the Sigma Defunct Colliery	Sasol Mining (Pty) Ltd	2018	Project Manager
Closure application process of the Sigma Defunct Colliery	Sasol Mining (Pty) Ltd	2018	Project Manager
Environmental authorisation and 31 amendment process for the Mooikraal Colliery	Sasol Mining (Pty) Ltd	2018	Project Manager
Water Use Licence Application for the Agnes Gold Mine	Galaxy Gold Reefs (Pty) Limited	2018	Project Manager
Environmental authorisation for the proposed decommissioning of roads, conveyor belt including associated servitudes at the Twistdraai Colliery	Sasol Mining (Pty) Ltd	2019	Project Manager
Closure Plan for the Twistdraai Colliery Underground Coal Mine	Sasol Mining (Pty) Ltd	2020	Project Manager
Closure Plan for the Sigma Defunct Colliery	Sasol Mining (Pty) Ltd	2020	Project Manager
Amendment of a Water Use Licence for the Twistdraai Export Plant	Sasol Mining (Pty) Ltd	2020	Project Manager
Closure Plan for the Brandspruit Colliery	Sasol Mining (Pty) Ltd	2021	Project Manager
Regulation 31 Amendment Process for the Imvula Mine	Ixia Coal (Pty) Ltd	2021	Project Manager

Project Title	Company	Year	Role
Mining Right Extension of a Sand Mine	Copper Sunset (Pty) Ltd	2021	Project Manager
Regulation 31 Amendment Process for the Sweet Sensation Sand Mine	Sweet Sensation Sands (Pty) Ltd	2021	Project Manager

5.2 Green Star EMP and Compliance Auditing

Table 2 below provides a list of Green Star EMP and compliance auditing projects she has managed or worked on.

Table 2: Green Star EMP and Compliance Auditing

Project Title	Company	Year	Role
Newton retail and office development green star compliance auditing	Nieuw Town Property Development Company	2014	Project Administrator
Green star environmental management programme	Barclays Africa Group Limited	2014	Project Administrator
Green star environmental management programme and auditing	City of Johannesburg	2015	Project Manager

5.3 Legal Compliance Audits and other Aspects

Table 3 below provides a list of the legal compliance audits and other legal projects she has managed or worked on.

Table 3: Legal Compliance Audits and Other Aspects

Project Title	Company	Year	Role
Compilation of legal obligation registers for decommissioning mines	Sasol Mining (Pty) Ltd	2017	Project Manager
High level environmental risk assessment of longwall mining	Sasol Mining (Pty) Ltd	2017	Project Manager
Legal compliance assessment of the Mapochs Mine to assess the required permits and authorisations needed to mine	International Resources Limited (Pty) Ltd	2017	Junior Auditor
Environmental legal compliance audit of activities and processes for Transalloys Clewer Site	Transalloys (Pty) Ltd	2017	Junior Auditor

Project Title	Company	Year	Role
Environmental legal compliance audit for Twistdraai Colliery	Sasol Mining (Pty) Ltd	2019	Lead Auditor
Legal review of the environmental requirements needed to decommission an underground coal mine for the Bosjesspruit Colliery	Sasol Mining (Pty) Ltd	2019	Project Manager
Third party legal review of the mining contracts for the decommissioning of the Sigma Defunct Colliery Underground Coal Mine	Sasol Mining (Pty) Ltd	2019	Project Manager
Legal Audit of the Brandspruit Operations	Sasol Mining (Pty) Ltd	2020	Project Manager

5.4 Compliance Auditing

Table 4 below provides a list of the compliance audits she has managed or worked on.

Table 4: Compliance Audit Projects

Project Title	Company	Year	Role
Environmental audit for an environmental authorisation – Transnet Pipelines Tarlton Intermixture Refractionator	Transnet SOC Ltd	2014	Junior Auditor
Water and waste conservation strategy audit and compilation of management plan	Netcare Limited	2015	Junior Auditor
Environmental Compliance Officer (ECO) for a decommissioning and rehabilitation project	BHP Billiton	2015	ECO
Environmental audit for the Palesa Coal	HCI Coal (Pty) Ltd	2016	Junior Auditor
Environmental audit for the Twistdraai Export Plant	Sasol Mining (Pty) Ltd	2017 2019	Junior Auditor and Lead Auditor
Environmental audit for the Middelbult/Shondoni Colliery Block 8	Sasol Mining (Pty) Ltd	2017 2018 2019	Junior Auditor and Lead Auditor
Environmental audit for the Bosjesspruit Irenedale Colliery	Sasol Mining (Pty) Ltd	2017 2018 2019	Junior Auditor and Lead Auditor
Environmental audit for the Mooikraal Colliery	Sasol Mining (Pty) Ltd	2017, 2018	Junior Auditor and Lead Auditor
Environmental audit for the Sigma Defunct Colliery	Sasol Mining (Pty) Ltd	2017, 2018 2019	Junior Auditor and Lead Auditor



Project Title	Company	Year	Role
		2020	
Environmental audit for Prospecting Rights	Rustenburg Platinum Mines Limited	2016 2017 2018	Junior Auditor and Lead Auditor
Environmental Control Officer to ensure compliance against the 24G authorisation at the Tumelo Coal Mine,	Exxaro Coal Central (Pty) Ltd	2017	ECO
Water Use Licence audit for the Irenedale Colliery	Sasol Mining (Pty) Ltd	2017 2019	Junior Auditor and Lead Auditor
Environmental audit for the Thubelisha and Trichardtsfontein Colliery	Sasol Mining (Pty) Ltd	2017 2018 2019	Junior Auditor and Lead Auditor
Environmental audit for the Twistdraai Colliery	Sasol Mining (Pty) Ltd	2017, 2018 2019 2020	Junior Auditor and Lead Auditor
Water Use Licence audit and Legal Compliance Audit for the Natref Refinery located in Sasolburg and Durban	Sasol Mining (Pty) Ltd and Total South Africa	2019	Lead Auditor
Environmental and GNR 704 of the Ergo Gold Mining Operations	Ergo Mining Operations(Pty) Ltd	2020	Lead Auditor
ISO14001 Harmony Gold – Kalgold Mine	Harmony Gold Mining Company Limited	2020	Auditor
Environmental audit for the Brandspruit Colliery	Sasol Mining (Pty) Ltd	2020	Auditor
Lanxess IWUL Audit	Lanxess Chrome Mining (Pty) Ltd	2021	Lead Auditor

5.5 Others

- Land use interactive map demonstrating the change in land use through time (1952 – 2019) for the Sigma Defunct Colliery - Sasol Mining (Pty) Ltd | South Africa (2019)
- Sigma stop pumping project to monitor the water levels of the two Wonderwater Voids to ensure water contained in the voids does not enter the Vaal River – Sigma Defunct Colliery - Sasol Mining (Pty) Ltd | South Africa (2019)