



DIGBY WELLS

ENVIRONMENTAL

Claire Wannenburg
Environmental Consultant
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

January 2016 – Present

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 seven years' experience and has managed various Performance Assessments 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; Environmental Management Programme Amendments; Green Star Environmental Management Programmes and Auditing.

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

INTEGRATED ENVIRONMENTAL MANAGEMENT

- Environmental application for the decommissioning of redundant infrastructure at the Vaal River Operations, AngloGold Ashanti – AngloGold Ashanti Limited | South Africa (2013)
- Environmental application for the decommissioning of redundant infrastructure at the West Wits Operations, AngloGold Ashanti – AngloGold Ashanti Limited | South Africa (2013)
- Waste identification and classification, Vaal River and Carltonville– AngloGold Ashanti Limited (Mine Waste Solutions) | South Africa (2013)
- Environmental application for the Envirocin pet crematorium proposed expansion– Envirocin Incineration Systems cc| South Africa (2014)
- Environmental authorisation for the proposed opencast coal mining of Block Z– Anglo American Thermal Coal Isibonelo Colliery| South Africa (2014)
- Environmental authorisation for the proposed establishment of a kraft paper mill - Industrial Development Corporation of South| South Africa (2014)
- Environmental authorisation for the proposed excavation and backfilling of silt material – Silicon Smelters (Pty) Ltd | South Africa (2014)
- Section 24G rectification license - Mabu Casing Soils (Pty) Ltd | South Africa (2015)
- Environmental authorisation for the proposed Hendrina underground coal mine – Glencore Operations South Africa (Pty) Ltd | South Africa (2016)
- Environmental authorisation required for the Agnes Gold Mine - Galaxy Gold Reefs (Pty) Limited | South Africa (2016)
- Section 102 for the amendment and consolidation of the Thubelisha, Trichardtsfontein and Vaalkop EMPr - Sasol Mining (Pty) Ltd | South Africa (2017)
- Environmental authorisation for the proposed closure and rehabilitation at the Eskom Kilbarchan Colliery - Eskom Holdings SOC Limited | South Africa (2017)
- Section 102 for the amendment of the EMPr and renewal of a Mining Right for the Elandsfontein Colliery - Elandsfontein Colliery (Pty) Ltd | South Africa (2017)
- Environmental authorisation for the proposed construction of a pipeline at the Mbali Colliery- HCI Coal (Pty) Ltd | South Africa (2017)



- Closure and final performance assessment for Prospecting Rights, North West Province - Rustenburg Platinum Mines Limited | South Africa (2018)
- 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 | South Africa (2018)
- Environmental authorisation for the proposed surface mitigation measure project which included a river diversions of the Leeuspruit and Rietspruit located at the Sigma Defunct Colliery – Sasol Mining (Pty) Ltd | South Africa (2018)
- Closure application process of the Sigma Defunct Colliery - – Sasol Mining (Pty) Ltd | South Africa (2018)
- Environmental authorisation and 31 amendment process for the Mooikraal Colliery - – Sasol Mining (Pty) Ltd | South Africa (2018)
- Water Use Licence Application for the Agnes Gold Mine - Galaxy Gold Reefs (Pty) Limited | South Africa (2016)
- Environmental authorisation for the proposed decommissioning of roads, conveyor belt including associated servitudes at the Twistdraai Colliery – Sasol Mining (Pty) Ltd | South Africa (2019)
- Closure Plan to decommission the Twistdraai Colliery Underground Coal Mine – Sasol Mining (Pty) Ltd | South Africa (2019)
- Amendment of a Water Use Licence for the Twistdraai Export Plant – Sasol Mining (Pty) Ltd | South Africa (2019)

GREEN STAR EMP AND COMPLIANCE AUDITING

- Newton retail and office development green star compliance auditing - Nieuw Town Property Development Company | South Africa (2014)
- Green star environmental management programme - Barclays Africa Group Limited | South Africa (2014)
- Green star environmental management programme and auditing - City of Johannesburg | South Africa (2015)

ENVIRONMENTAL LEGAL COMPLIANCE

- Compilation of legal obligation registers for decommissioning mines - Sasol Mining (Pty) Ltd | South Africa (2017)
- High level environmental risk assessment of longwall mining - Sasol Mining (Pty) Ltd | South Africa (2017)



- Legal compliance assessment of the Mapochs Mine to assess the required permits and authorisations needed to mine - Newsight Resources (Pty) Ltd | South Africa (2017)
- Environmental legal compliance audit of activities and processes for Transalloys Clewer Site - Transalloys (Pty) Ltd | South Africa (2017)
- Environmental legal compliance audit – Twistdraai Colliery | South Africa (2019)
- Legal review of the environmental requirements needed to decommission a underground coal mine – Bosjesspruit Colliery | South Africa (2019)
- Third party legal review of the mining contracts for the decommissioning of an Sigma Defunct Colliery Underground Coal Mine - Sasol Mining (Pty) Ltd | South Africa (2019)

COMPLIANCE AUDITING

- Environmental audit for an environmental authorisation – Transnet Pipelines Tarlton Intermixture Refractionator | South Africa (2014)
- Water and waste conservation strategy audit and compilation of management plan - Netcare Limited | South Africa (2015)
- Environmental compliance officer for a decommissioning and rehabilitation project - BHP Billiton | South Africa (2015)
- Environmental audit for the Palesa Coal- HCI Coal (Pty) Ltd | South Africa (2016)
- Environmental audit for the Twistdraai Export Plant - Sasol Mining (Pty) Ltd | South Africa (2017 and 2019)
- Environmental audit for the Middelbult/Shondoni Colliery Block 8 - Sasol Mining (Pty) Ltd | South Africa (2017, 2018 and 2019)
- Environmental audit for the Bosjesspruit Irenedale Colliery - Sasol Mining (Pty) Ltd | South Africa (2017, 2018 and 2019)
- Environmental audit for the Mooikraal Colliery - Sasol Mining (Pty) Ltd | South Africa (2017 and 2018)
- Environmental audit for the Sigma Defunct Colliery - Sasol Mining (Pty) Ltd | South Africa (2017, 2018, 2019 and 2020)
- Environmental audit for Prospecting Rights, Rustenburg Platinum Mines Limited | South Africa (2016, 2017 and 2018)
- Environmental Control Officer to ensure compliance against the 24G authorisation at the Tumelo Coal Mine, Exxaro Coal Central (Pty) Ltd | South Africa (2017)
- Water Use Licence audit, Irenedale Colliery - Sasol Mining (Pty) Ltd | South Africa (2017 and 2019)



- Environmental audit for Prospecting Rights, Rustenburg Platinum Mines Limited | South Africa (2016, 2017 and 2018)
- Environmental audit for the Thubelisha and Trichardtsfontein Colliery - Sasol Mining (Pty) Ltd | South Africa (2017 and 2018)
- Environmental audit for the Twistdraai Colliery - Sasol Mining (Pty) Ltd | South Africa (2017, 2018, 2019 and 2020)
- Water Use Licence audit for the Sigma Defunct Colliery - Sasol Mining (Pty) Ltd | South Africa (2019)
- Water Use Licence audit and Legal Compliance Audit for the Natref Refinery located in Sasolburg and Durban | South Africa (2019)

OTHER

- 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)