



## Olivia Allen

Earth & Environmental, Director: Environmental Planning & Advisory

### CAREER SUMMARY

Olivia Allen has 18 years' experience in the discipline of Environmental Sciences. Olivia specialises in environmental assessment, regulatory compliance, waste planning and integrated project management.

As a senior consultant, Olivia has successfully led, or been part of, various projects in the mining sector of coal, gold, diamonds, copper and platinum; the petroleum sector of gas extraction; and steel, ferrochrome and electrolytic manganese dioxide industrial sectors. She has extensive experience in projects related to water management; waste management; contaminated land remediation; and decommissioning, rehabilitation and closure.

In the past, Olivia has functioned in various roles within the technical stream, including report writing; leading projects and proposal submissions; project management; project co-ordination; and working closely with engineering teams, environmental specialists, project feasibility teams, regulatory authorities, and stakeholders, to ensure successful project integration and sustainable development outcomes.

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#### 15 years with WSP

##### Area of expertise

Conducting Environmental Impact Assessments &  
Compiling Environmental Management Plans  
Development of Integrated Waste Management Plans  
Compiling Water Use & Waste Management Licence  
Applications  
Stakeholder engagement, including Regulatory  
Authorities  
Co-ordination of Integrated Regulatory Processes  
Environmental Compliance Assessment & Auditing

#### 18 years of experience

##### Language

English – Fluent  
Afrikaans - Fluent

### EDUCATION

M.Sc Water Resource Management, University of Pretoria	2014
B.Sc Hons (cum laude) Geography, University of the Free State, South Africa	2003
B.Sc (cum laude) Zoology and Geography, University of the Free State, South Africa	2002

### PROFESSIONAL MEMBERSHIPS

Environmental Assessment Practitioner Association South Africa (EAPASA) 2019/1725	2019 – present
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### PROFESSIONAL HISTORY

WSP Group Africa (Pty) Ltd.

July 2022 – present

Golder Associates Africa (Pty) Ltd.

July 2008 – June 2022

Clean Stream Environmental Services

June 2005 – June 2008

### PROFESSIONAL EXPERIENCE

#### Oil & Gas

- Shell Exploration Company B.V., Southwestern Karoo Basin Gas Exploration Project, Northern, Western and Eastern Cape
- Bundu Gas and Oil Exploration, Review (and Update) of EMP for Gas Exploration, Eastern Cape
- TotalEnergies, Block 11B/12B Industrial and Social Baseline Studies, Western Cape
- Shell Downstream, Applications for Section 24G Rectification for various sites in KZN, Gauteng

#### Mine Water Treatment

- Anglo Operations Limited, eMalahleni Mine Water Reclamation Expansion Project, Mpumalanga
- Western Utilities Corporation, Mine Water Reclamation Project, Gauteng
- Anglo Operations Limited, New Denmark Colliery Reverse Osmosis Reject Pond, Mpumalanga
- Glencore, Tweefontein Mine Water Reclamation Plant, Mpumalanga
- Optimum Coal, Eikeboom Colliery Mine Water Reclamation Plant, Mpumalanga
- Anglo American Inyosi Coal, Development of a closure water management strategy for Kriel Colliery, Mpumalanga

#### Closure & Decommissioning

- Exxaro Resources Limited, Inyanda Coal Closure EMP, Mpumalanga
- Delta (E.M.D.), Closure Liability Assessment, Integrated Waste Management Plan & Integrated Regulatory
- Process for Electrolytic Manganese Dioxide Manufacturing Facility, Mpumalanga
- Exxaro Resources Limited, Arnot Coal Closure EMP, Mpumalanga
- Kangra Coal, Integrated Regulatory Process for closure of 2 sections of the mine
- Anglo American Inyosi Coal, Compliance Assessment of Closure Kriel Colliery's Rehabilitation Commitments, Mpumalanga
- South32, Development of an Integrated Remediation and Rehabilitation Plan for Metalloys, Gauteng
- South32, Review and Update of the Closure Costs and Integrated Rehabilitation and Remediation Plan for the Unscheduled and Scheduled Closure Scenarios for Metalloys, Gauteng
- Liberty Trust Rehabilitation Fund, Trustee

#### Other EIA's and EMP's

- Lonmin, Prospecting EMP Amendment for Akanani Mine, Limpopo
- Zululand Anthracite Colliery, EIA & EMP for new shaft developments, Kwa-Zulu Natal

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- Exxaro Resources Limited, EIA & EMP for new pit development at Tshikondeni Coal Mine, Limpopo ▪ Anglo Operations Limited, EIA & EMP for new pit development and mine water reclamation plant at Mafube Colliery, Mpumalanga
- Exxaro Resources Limited, EIA & EMP for new pit development at Leeuwpan Coal, Mpumalanga
- Blyvoor Gold Operations (Pty) Ltd, EMP Update, WULA for tailings reclamation and underground mining at Blyvooruitzicht Gold Mine, Gauteng
- South32, Application for environmental authorisation for indigenous vegetation removal at Metalloys, Gauteng
- Glencore, Application for environmental authorisation for dewatering pipeline for Goedgevonden Colliery, Mpumalanga
- Mafube Coal, Application for EMP amendment for in-pit crusher at Mafube Colliery, Mpumalanga
- New Largo Coal, Application for EMP amendment for Pits D & H, Mpumalanga
- Sopel, ESIA for the By-pass Toll Road, Kolwezi, DRC
- New Largo Coal, Application for EMP amendment for Pit F, Mpumalanga

#### Feasibility Studies

- Ivanhoe Mines SA (Platreef Resources), Waste, Environmental & Permitting Related Inputs into Platreef
- BFS, Limpopo
- Debswana, Safety and Sustainable Development Inputs into PFS for Cut 9 Jwaneng Mine, Botswana
- Debswana, Safety and Sustainable Development Inputs into PFS for Cut 3 at Orapa Mine, Botswana
- South32, Environmental Risk & Permitting Related Inputs into Closure PFS for Rietspruit Colliery, Mpumalanga
- New Largo Coal, Environmental and Social Risk & Permitting Related Inputs into Pit H BFS, Mpumalanga
- New Largo Coal, Environmental and Social Risk & Permitting Related Inputs into Main Mine BFS, Mpumalanga
- Mafube Coal, Environmental and Social Risk & Permitting Related Inputs into PFS for Mafube Debottleneck Project, Mpumalanga
- Thungela Resources, Environmental and Social & Permitting Related Inputs PFS for into Greenside 3A North Project, Mpumalanga
- Klipspruit Colliery, Environmental and Social Risk & Permitting Related Inputs into BFS for Converting from Opencast to Underground at Pit BD, Mpumalanga
- Khutala Colliery, Environmental and Social Risk & Permitting Related Inputs into BFS for two projects:
- 5 Seam Plant Re-commissioning & Converting from Opencast to Underground at Central Eastern Extension, Mpumalanga

#### Due Diligence and Asset Acquisition

- ENSAfrica, Development of an Environmental Action List and Associated Costing for Evraz Highveld Steel and Vanadium Limited, Mpumalanga
- Universal Coal, Phase 1 Environmental Due Diligence for Exxaro Resources Limited New Clydesdale Colliery, Mpumalanga
- Total, Project Star - Environmental Due Diligence



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- South32, Environmental Legal and Duty of Care Compliance Assessments for Wolvekrans, Ifalethu, Klipspruit and Khutala Collieries, Mpumalanga
- Jet Demolition, Project Odyssey, Enviro-legal Assessment

#### Waste Management Planning

- Eskom Holdings, Industry Waste Management Plan for Eskom's Power-generating Units, South Africa
- Ivanhoe Mines SA, Integrated Waste Management Plan for underground Platreef platinum mine, Limpopo
- Exxaro Resources Limited, Integrated Waste Management Plan for Mayoko iron ore mining project, Republic of Congo
- Debswana, Integrated Waste Management Plan for Jwaneng Mine, Botswana
- Debswana, Integrated Waste Management Plan Update for Orapa, Letlhakane and Damtshaa Mines, Botswana
- Tubatse Ferrochrome, Development of Waste Removal, Processing and Management Plan for nine historic waste sites, and site-wide Integrated Waste Management Plan, Limpopo
- Wasteman, Waste Impact Report for Bulbul Landfill, Kwa-Zulu Natal
- Palabora Mining Company, Integrated Waste Management Plan, Limpopo
- ASA Metals, Waste Impact Report for Dilokong Chrome Mine, Limpopo

#### Waste Licence Applications

- Sasol, Waste Licence Application for proposed Vanadium Disposal Facility, Mpumalanga
- Tubatse Ferrochrome, Waste Licence Application for decommissioning historic slag dump, Limpopo
- Ivanhoe Mines SA (Platreef Resources), Waste Licence Application for underground Platreef platinum mine, Limpopo
- Rustenburg Municipality, Waste Licence Application for Waterval Landfill Site, North West
- Evraz Highveld Steel and Vanadium Limited, Waste Licence Application for Steelworks, Mpumalanga
- Evraz Highveld Steel and Vanadium Limited, Waste Licence Application for decommissioning of Calcine Waste Disposal Facility, Mpumalanga
- Palabora Mining Company, Waste Licence Application for Palabora Mining Company site, Limpopo
- Anglo Operations Limited, Waste Licence Application for new mine & mine water reclamation plant New Vaal Colliery, Gauteng/Free State
- Glencore, Waste Licence Application for Zonnebloem Coal Mine, Mpumalanga
- Anglo Operations Limited, Waste Licence Application for new pit development and mine water reclamation plant at Mafube Colliery, Mpumalanga
- Africary Holdings, Waste Licence Application for Underground Coal Gasification (UCG) project, Free State
- South32, Waste Licence Application for the decommissioning of dormant waste facilities at Metalloys, Gauteng
- South32, Waste Licence Application for discard dump extension at Klipspruit Colliery, Mpumalanga
- Anglo, Waste Licence Application for discard dump at Zibulo Colliery, Mpumalanga



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### **Exemption Applications**

- Eskom Holdings, Application for Exemption of Waste Management Activity and Ash Beneficiation in terms of NEMWA, South Africa

### **Compliance Assessments & Audits**

- New Clydesdale Coal, EMP Performance Assessment, Mpumalanga
- Zululand Anthracite Colliery, Various Compliance Audits, Kwa-Zulu Natal
- Glencore, External Waste Management Licence Audit at Wonderkop Smelter, North West
- Goldplat Recovery, High-level enviro-legal assessment and development of compliance strategy, Gauteng
- GoodRock Chemworks, Confirming the regulatory path for obtaining environmental authorisation for the calciner plant, Northern Cape
- Randlord, High-level enviro-legal assessment for tailings storage facilities earmarked for reworking and/or rehabilitation, Gauteng
- Scaw South Africa, Identification of NEMA listed activities associated with decommissioning of Scaw Standard Foundry, Gauteng
- SA Lime & Gypsum Group, Enviro-legal assessment for the reworking of tailings and waste rock at Witkop Fluorspar Mine, North West
- South32, Environmental Legal Gap Analysis for Middelburg Colliery & Coal Processing, Mpumalanga
- Grindrod Terminals, Enviro-legal gap analysis, KZN

### **PUBLICATION**

Kruger, E. and Chapman, O. A., 2005: Quality Aspects of Environmental Impact Assessment Reports in the Free State Province, South Africa. South African Geographical Journal, 87 (1), 52-57

### **THESIS**

Kruger, E. and Chapman, O. A., 2005: Quality Aspects of Environmental Impact Assessment Reports in the Free State Province, South Africa. South African Geographical Journal, 87 (1), 52-57