



**Savannah Environmental (Pty) Ltd**

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If you would like further details, please do not  
hesitate to contact any member of our team.

**ON-SITE COMPLIANCE MONITORING AND AUDITING**

Savannah Environmental is a specialist environmental consulting company providing practical environmental management services for all stages of development projects. Savannah Environmental provides professional on-site compliance monitoring and management for a wide range of projects in accordance with the principles and requirements of the National Environmental Management Act (NEMA, Act No. 107 of 1998).

Our Environmental Control Officers (ECOs) and Environmental Officers (EOs) are responsible for ensuring that project construction proceeds in accordance with the parameters set out in the environmental management programme (EMPr) developed for the project, as well as the environmental reports, the issued Environmental Authorisation and all relevant environmental legislation. The on-site officers develop an intimate knowledge of all relevant reports and documentation in order to effectively monitor performance throughout the construction phase, as well as the operation phase (if required).

In order to ensure a quality service, our approach to the provision of the specialist on-site environmental compliance monitoring, compliance auditing and reporting service includes:

- Provision of in-house training (by Savannah Environmental's management team) with regards to compliance monitoring in terms of the requirements of the Authorisation, EMPr and environmental legislation, as well as guidance for accurate and comprehensive reporting.
- Establishment of an appropriate environmental reporting management system for the project.
- On-going assistance to the ECO/EO by our management team, who have extensive experience in large-scale infrastructure construction projects across all sectors.



Savannah Environmental is experienced in providing services to projects which require permanent on-site compliance monitoring and auditing, as well as projects which require scheduled/ad hoc compliance monitoring and/or audit reporting. As part of the on-site monitoring and auditing service, we are also experienced at:

- Conducting the required Environmental Awareness Training for contractors.
- Providing meaningful and constructive advice on the rectification of any pollution, contamination or damage to the project site.
- Accurate record keeping.
- Independently reporting to the Competent Authority in terms of compliance with the specifications of the EMPr and conditions of the Environmental Authorisation.
- Compiling Annual Reports as well as a Closure Report at the end of construction activities.
- Establishing an Environmental Monitoring Committee (EMC) and facilitating EMC meetings.

The benefit of employing a company to provide on-site compliance monitoring is the knowledge that the individual on-site has the backing of an experienced professional team. This ensures a quality service with depth in knowledge and no interruption in resources being available on-site.

**OUR PROJECTS**

Savannah Environmental monitors compliance on large-scale engineering and development projects.

Project	Client	Role
<b>Olifants River Water Resources Development Project, Limpopo Province:</b> Monitoring of the construction of an 81m high dam wall (inundation area of 1 690 ha) & other associated infrastructure such as gauging weirs, coffer dams, pipelines & housing, the realignment of the R555 (~25 km), & the opening & working of required borrow pits.	DWA (6-year construction & rehabilitation period; contract started Feb 2007)	Full-time on-site ECO & compliance monitoring & bi-monthly reporting to DEA; co-ordinate Environmental Monitoring Committee (EMC)
<b>Neptune-Vuyani 400KV power line development, Eastern Cape:</b> Construction of the 250km Neptune-Vuyani 400KV power line.	Eskom Transmission	Full-time on-site ECO & compliance monitoring & monthly reporting to DEA; landowner liaison
<b>Gamma-Kappa 765KV power line, Western Cape:</b> Construction of the Gamma-Kappa Power line between Laingsburg and Beaufort West.	Trans Africa Projects/Eskom	Full-time on-site ECO & compliance monitoring & monthly reporting to Eskom
<b>Environmental Officer to Mookodi-Ferrum 400KV power line, Northern Cape:</b> 100km power line between Kathu and Vryburg	Trans Africa Projects/Eskom	Full-time on-site ECO & compliance monitoring & monthly reporting to DEA
<b>Rehabilitation of Blaauwpan Dam, Gauteng:</b> Rehabilitation activities at Blaauwpan dam downstream of OR Tambo airport	ACSA	Weekly ECO compliance monitoring & monthly reporting to DEA
<b>Dulva Power Station, Mpumalanga:</b> Construction of the Mine Water Recovery pipeline to the Power Station	Eskom Generation	Monthly ECO compliance monitoring & reporting to DEA
<b>Waterval Wastewater Treatment Works, Gauteng:</b> Construction of Module 4	East Rand Water Care Company	Monthly ECO compliance monitoring & reporting to GDARD

**OUR PROJECTS**

Savannah Environmental monitors compliance on several renewable energy projects

Project	Client	Role
<b>Khi Solar Thermal Plant, Uptington, Northern Cape:</b> 50MW Power Tower CSP Facility, power line and water pipeline	Khi CSP South Africa	Full-time on-site ECO & compliance monitoring & monthly reporting to DEA
<b>KaXu Solar Thermal Plant, Poladder, Northern Cape:</b> 100MW trough CSP plant, power line and water pipeline	KaXu CSP South Africa	Full-time on-site ECO & compliance monitoring & monthly reporting to DEA
<b>Dorper Wind Energy Facility, Eastern Cape:</b> 40 wind turbines and associated infrastructure	Dorper Wind Farm	Full-time on-site ECO & compliance monitoring & monthly reporting to DEA
<b>West Coast One Wind Farm, Western Cape:</b> 47 wind turbines and associated infrastructure; and 35km power line to Aurora Substation	Aurora Wind Power	Full-time on-site ECO & compliance monitoring & monthly reporting to DEA
<b>Gouda Wind Energy Facility, Western Cape Province:</b> 46 turbines and associated infrastructure; and 30km power line to Windmeul Substation	Blue Falcon 140 Trading	Full-time on-site ECO & compliance monitoring & monthly reporting to DEA
<b>RustMo1 Solar Facility, North-West Province:</b> 7MW PV facility and associated infrastructure	RustMo1 Solar Farm	On-site ECO & compliance monitoring & monthly reporting to DEA
<b>Kathu Solar Energy Facility, Northern Cape:</b> 75MW PV facility and associated infrastructure	BEISA	Full-time on-site ECO & compliance monitoring & monthly reporting to DEA
<b>Sishen Solar Energy Facility, Northern Cape:</b> 75MW PV facility and associated infrastructure	Windfall 59 Properties (Pty) Ltd	Full-time on-site ECO & compliance monitoring & monthly reporting to DEA
<b>Dassiesklop Wind Energy Facility, Western Cape:</b> 9 wind turbines and associated infrastructure	Group 5	On-site ECO & compliance monitoring & monthly reporting to Group 5
<b>Uptington PV Facility, Northern Cape:</b> 10MW PV facility and associated infrastructure	Sublunary Trading	On-site ECO & compliance monitoring & monthly reporting to DEA

**THE CORNERSTONE OF OUR PRACTICE  
IS A BELIEF IN A BALANCED APPROACH**