



Photograph taken at Medupi Power Station

NCC Environmental Services (NCC) is a leading environmental consultancy and valued strategic partner to some of Southern Africa's most respected environmental experts and construction companies.

www.ncc-group.co.za

NCC ENVIRONMENTAL MANAGEMENT UNIT

NCC has been in the environmental industry for over 10 years, with extensive practical experience in environmental monitoring, from critical national infrastructure projects to smaller privately funded developments. Our environmental professionals are backed by an efficient support team willing to go the extra mile, providing a high quality service to our clients.

ENVIRONMENTAL CONSULTING SERVICES

NCC offers a wide range of environmental consulting services, which include:

- Permit Identification & Applications
- Botanical Search & Rescue
- Compliance Audits
- Environmental Performance Monitoring
- Environmental Inductions & Awareness Training
- Environmental Management Systems (EMS) Advisory & Audits
- Environmental Management Plan/Programme (EMP) Development
- Risk Assessment & Method Statements
- Environmental Due Diligence

CONSTRUCTION ENVIRONMENTAL MANAGEMENT SERVICES

NCC is proud of our environmental professionals who are passionate about the environment, proactive in building partnerships and committed to empowering our clients.

Our construction environmental management services include:

- **Environmental Control Officers (ECOs)**
ECOs are responsible for environmental compliance monitoring and reporting.
- **Environmental Managers (EMs)**
EMs ensure the strategic management of environmental-related project components.
- **Environmental Officers (EOs)**
EOs manage the implementation of various environmental specifications.
- **Landowner Liaison Officers (LLOs)**
LLOs act as intermediaries between the project and affected landowners.

These services are offered across South Africa and internationally in a full time or part time capacity.



New Multi-Product Pipeline (NMPP) infrastructure

TERMINAL 1 OF THE TRANSNET NEW MULTI-PRODUCT PIPELINE

Consistent fuel supply is integral to South Africa's economic development. One of the primary infrastructural requirements to support this is a subterranean fuel line running from Durban to the interior of the country. The NMPP (New Multi-Product Pipeline) will replace the older, lower capacity Durban-Johannesburg pipeline, and once commissioned, will stretch approximately 700km through KwaZulu – Natal, the Free State and Gauteng.

Owing to the size and nature of this project, numerous environmental aspects need to be managed. NCC staff have the capacity, knowledge and experience to address the challenges these aspects present. One of the key challenges faced on this project has been the construction of the Terminal 1 storage, metering and distribution facility, which is taking place on a brown fields site. The location has posed numerous environmental and construction related issues. One of the key management elements associated with operating successfully on a brown fields site includes the identification, assessment and management of known and unknown hazards in order to mitigate risks and prevent delays.

NCC has proven to be a valuable asset to the NMPP project since its inception, fulfilling various roles as EMs and EOs. Our provision of environmental management services such as soil and water monitoring, has enabled the contractors at Terminal 1 to continue working without major delays, whilst reducing their environmental risk and the associated financial implications. NCC provides the Environmental Officer (EO) to Transnet Capital Projects, the Environmental Manager (EM) and EO to Group Five, as well as the EOs to Trotech JV, Intershore JV and SAPRef.

KUSILE POWER STATION PROJECT

In order to meet the mounting pressure on energy supply in South Africa, Eskom has initiated the construction of new generation facilities such as the Kusile Coal-Fired Power Station. As with similar large construction projects, an Environmental Authorisation (EA) was granted to ensure that the project is executed with minimal environmental impact and that unavoidable impacts are mitigated as far as possible.

NCC plays a vital role in the environmental management of Kusile, where our staff monitor the project's environmental compliance. NCC came on board during the initial stages of this project in 2009 and our staff complement at Kusile has now grown to include four permanent positions. These include an Environmental Manager and three Environmental Officers.

Managing environmental risks on site does not only benefit the environment by mitigating and where possible preventing negative impacts, it also reduces our clients' broader financial and legal risks associated with these impacts. As has been achieved at Kusile, risks are reduced considerably through our involvement in a project from the outset.



Kusile Power Station Project

NCC STAFF ARE GROUNDED, SMART, GENEROUS AND PASSIONATE ABOUT THE WORK THEY DO

NCC will provide the professionals that you need to ensure environmental compliance and shall assist you in reducing your environmental risks and impacts. Our service delivery is quick, efficient and effective. Access to NCC's specialised support network maximises the abilities of our professionals in the field to provide reliable, pragmatic solutions to our clients. This is backed by our ethical, moral and recognised reputation earned in the environmental and construction industry.

SO LET'S TALK NOW TO DISCUSS YOUR ENVIRONMENTAL MANAGEMENT NEEDS.
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