

Project Profile

Usuthu Catchment: Validation & Verification of Existing Lawful Water Use



Inkomati-Usuthu Catchment Management Agency  Nelspruit  2017 - 2019



The Inkomati-Usuthu Catchment Management Agency appointed GeoAfrika Technologies to manage and carry out the Validation and Verification of Existing Lawful Water Use, in terms of Section 35 of the National Water Act, in the Usuthu Catchment area. This project involved the generation and manipulation of various spatial and non-spatial datasets to build a per property water use activity profile for both current and defined historic periods. This was integrated with various legal documents to define water use entitlements. The project included public participation requirements and technical, legal and administrative support to the process. The process covered water use for urban and industrial use, commercial forestry, irrigation and water storage.

Scope of Work

- Compile validation data.
- Water use modelling.
- Identify stakeholders and conduct a public participation process.
- Define the extent of Existing Lawful Water Use in terms of Section 35.
- Build spatial and non-spatial datasets and databases to support the process.
- Develop and maintain a workflow process tracking system for each property.
- Initiate and support the Section 35 technical, legal and administrative requirements.