

Waste Water Treatment Works Authorisation

- **What does this dashboard relate to:**

Authorisation status of the Wastewater Treatment Works (WWTW) in South Africa.

- **Whats the main purpose of the dashboard?**

The purpose is to provide a summary of the authorisation status of the WWTW Nationally and per province.

- **Person(s) who championed the dashboard:**

- Karlien de Villiers
Resource Protection & Waste
- Nonto Mtshali
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- **Enquiries:**

- For all dashboard enquiries click [HERE](#) to go to the Contact Us page.

- **What type/s of questions does the information product aim to answer:**

- The dashboard aims to answer the following questions:
 - Number of WWTWs in SA/ Region/ Local Municipality
 - Number of WWTWs that are authorised
 - Type of authorisation (GA/ Licence/ Permit/ Exemption)
 - Whether authorisations are still valid or have expired
 - % of authorised and unauthorised WWTWs per region
 - Water uses involved in

- **Data / Information discussion:**

- Data used to generate the information
 - What data is used?
 - Information provided by Provincial Operations (Regions).
 - Data from Water Use Authorisation and Administration (Letsema).
 - Green Drop Reports.
 - How is it extracted and from where?
 - Provincial Operations (Regions) verify information on inventory list send to them.
 - Excel spreadsheets provided by Water Use Authorisation and Administration (Letsema).
 - Green Drop Reports as become available.
 - How often is it extracted?
 - Provincial Operations (Regions) verify information on a **yearly basis**.

- Data from Water Use Authorisation and Administration (Letsema) is requested on a **monthly basis**
 - Green Drop Reports are available every **second year**.
- Business Processes related to Data
 - WMS
 - Green Drop System
- The algorithms / equations used to convert data into information
- Key Assumptions
 - Graphs
 - Summaries of authorisation status per Region

- **Links to other sources of related information**

- [WMS](#)
- [Green Drop System](#)
- www.eWISA.co.za

- **Are there any limitations / cautions related to using this information?**

The database is updated frequently as we become aware of:

- new WWTWs or WWTWs that have been decommissioned
- the change in authorisation status of the WWTWs

Therefore we need a contact person to send the updated inventory to on maybe a quarterly basis.

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