WHAT IS WATER QUALITY MANAGEMENT?

It is an ongoing process of planning, development, implementation and administration of water quality policy, the authorization of water uses impacting on water quality, monitoring and auditing and implementation of corrective actions and management review

• Are we achieving this as a Department?
• How do we improve the Management?
• Who are the relevant partners to ensure the Department succeeds in its mandate?
DETERIORATING WATER QUALITY CAUSES?

- Urbanization
- Deforestation
- Damming of rivers
- Destruction of Wetlands
- Industries
- Mining
- Energy Use
- Accidental Water Pollution

- How do we ensure the polluters pay?
- How do we change the users behaviour?
- How do we minimise pollution?
- How will we deal with unlawful dischargers?
WATER QUALITY INFORMATION MANAGEMENT?

Information systems that support water quality management
Level 1, 2 & 3 monitoring
Annual water quality status reports
Integrated coordination and planning in dealing with WQ hotspots

- How can the Department improve its monitoring networks?
- Who are our partners in data acquisition?
- Do we know the WQ hotspots?
- How do we deal with WQ hotspots?
- How can we use innovative technologies to improve WQ monitoring?
ANTI-POLLUTION TASK TEAM

To co-ordinate and integrate efforts for the management of WQ in South Africa. It will provide high-level guidance to ensure protection of water resources and identify remedies to mitigate pollution impacts in all water use sectors through;

- Overseeing and coordinating of pollution management.
- Ensuring the management of pollution in an integrated and sustainable manner, specifically in relation to how WQ is protected in DWS.

• Will this work?
• Will it be able to improve the quality of our resources
GAME CHANGERS

What are the key priority areas that can be achieved with the limited funding and resources we have as a Department?