



Eutrophication Management Strategy for South Africa

Public Meeting - Progress Report

14 October 2022

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BACKGROUND

- □ Chapter 3 of the National Water Act, 1998 (Act 36 of 1998) deals with the protection of water resources.
- Resource Directed Measures (RDM)
- Water Resource Classification
- Reserve Determination
- Resource Quality Objectives (RQOs)
- Sources Directed Measures / Controls (SDM/SDC)
- Adaptive Management (Monitoring, Evaluation and Enforcement)





INTRODUCTION

Definition:

- ➤ Eutrophication is defined as a process of nutrient enrichment and the associated excessive plant growth such as algae and macrophytes in water bodies, which can be seen as either a natural aging process in lakes or accelerated by human impacts (Point and Non-Point sources of pollution).
- Factors influencing eutrophication are high nutrient concentrations, prolonged periods of water stagnation, conducive temperature, oxygen concentration, and proper light regime.





EUTROPHICATION MANAGEMENT POLICY & STRATEGY DEVELOPMENT PROCESS



Consultation

PHASE 1

Project inception

Clarification of project scope and expectations.

PHASE 2

Situation assessment and gaps analysis

- Comprehensive literature survey;
- Identification of emerging issues, causes, effects and challenges, associated with eutrophication; and
- Identification of data and information gaps, together with measures to address such gaps.

PHASE 3

Policy and strategy (Edition 1 & 2)

- Policy definition; and
- Strategy formulation.

PHASE 4

Strategy into practice

Development of a plan to implement, monitor and evaluate policy and strategy execution.





Public meeting: September 2022

EUTROPHICATION MANAGEMENT STRATEGY DEVELOPMENT PROGRESS

Capacity Building

Phase 1 Project Inception Phase 2
Situation
Assessment
and Gap
Analysis

Phase 3
Strategy (1st & 2nd Ed)

Phase 4
Strategy into
Practice

Completed: 2020

Completed: 2021/22

Completed: 2022

Stakeholder Engagement

PSC meeting 1: July 2020 PSC meeting 2: July 2021 National Water and Sanitation Summit: February 2022 PSC meeting 3: August 2022

Catchment Management Fora

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STAKEHOLDER ENGAGEMENT PLAN

Project Management Committee (PMC)

 Department of Water and Sanitation (DWS)

Meet quarterly

Project Steering Committee (PSC)

Sector representation & DWS

Meet every six months

Technical Task Team

(TTT)

Teams established according to directorate functions, as is necessary. Meet as the need arises to discuss deliverables and milestones

Sub-Technical Task Teams (Sub-TTT)

Teams established according to areas of expertise; and
 Sector representation & DWS

Meet to discuss activities

Registered stakeholders (Public meetings)

- Announcement of the project via a Background Information Document (BID)
 - Call to register and to provide input (Registration/ Comments sheets)
 - Six monthly updates via letters and web site;
 - Invitation to public meetings.

Communication to the larger group at least once in six months

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STAKEHOLDER ENGAGEMENT UP TO DATE

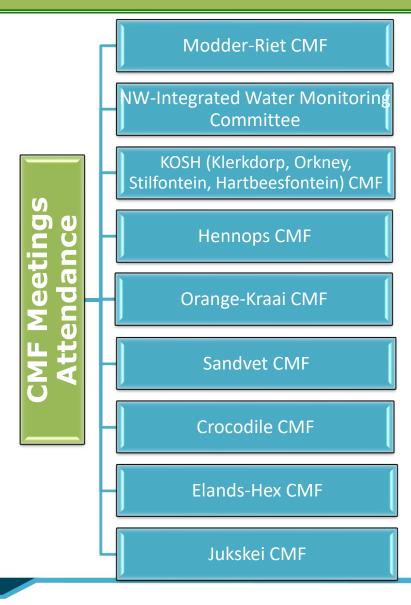
No.	Activity	When
1	Project Steering Committee Meeting 1	29/07/2020
2	Project Steering Committee Meeting 2	27/07/2021
3	National Water and Sanitation Summit	18- 19/02/2022
4	Project Steering Committee Meeting 3	19/08/2022

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FURTHER STAKEHOLDER ENGAGEMENT









PROJECT ADMINISTRATION TEAM

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THANK YOU

Project website:

https://www.dws.gov.za/RDM/SDCCO.aspx

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