

# High Confidence Groundwater Reserve Determination Study in the Berg Catchment

Project Overview - Project Steering Committee No. 6

Presented by: Philani Khoza  
Date: 16 February 2024

WATER IS LIFE - SANITATION IS DIGNITY



**water & sanitation**

Department:  
Water and Sanitation  
**REPUBLIC OF SOUTH AFRICA**



## PRESENTATION OUTLINE

- Background
- Study progress and milestones achieved

## Brief background

- 24-months project: *February 2022 to February 2024.*
- The primary objective of this study is *to determine a high confidence groundwater Reserve requirements (quantity and quality) to satisfy the basic human needs and to protect aquatic ecosystems for all priority water resources within the Berg catchment.*

## STUDY PROGRESS AND MILESTONES ACHIEVED

PHASE	DELIVERABLE	DUE DATE	STATUS
Task 1	Inception Report	Apr-2022	Complete
Task 2.1	Gap Analysis Report	Jun-2022	Complete
	Inventory of Water Resource Models Report	Jun-2022	Complete
Task 3.2	Delineation of Water Resource Units Report	Aug-2022	Complete
Task 3.3	Ecological Reference Conditions Report	Oct-2022	Complete
Task 3.4	BHN and EWR Requirement Report	Feb-2023	Complete
Task 3.5	Operational Scenarios and its Socio-Economic and Ecological Consequences Report	May-2023	Complete
Task 3.6	Evaluate Scenarios with Stakeholder's Report	Aug-2023	Complete
Task 3.7	Monitoring Programme Report	Nov-2023	Complete
Task 3.8	Groundwater Reserve Determination Report	Feb-2024	Finalisation Process
	Database of all information and data (incl. spatial)	Feb-2024	
	Gazette and Implement Reserve	Feb-2024	

## CONTACT DETAILS

Philani Khoza

Tel: 012-336 7866

Cell: 082 801 2805

E-mail: [khozap@dws.gov.za](mailto:khozap@dws.gov.za)

- Study deliverables accessible at:  
<https://www.dws.gov.za/rdm/currentstudies/default.aspx>