

# High Confidence Groundwater Reserve Determination Study in the Berg Catchment

Project Overview - Project Steering Committee No. 4

Presented by: Philani Khoza  
Date: 11 July 2023

WATER IS LIFE - SANITATION IS DIGNITY



**water & sanitation**

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



## PRESENTATION OUTLINE

- Study progress and milestones achieved
- Capacity building programme

## STUDY PROGRESS AND MILESTONES ACHIEVED

DELIVERABLE	DUE DATE	STATUS
1. Inception Report	April 2022	Completed
2.1 Gap Analysis Report	June 2022	Completed
2.2 Inventory of Water Resource Models Report	June 2022	Completed
3.1 Delineation of Water Resource Units Report	August 2022	Completed
3.2 Ecological Reference Conditions Report	October 2022	Completed
3.3 BHN and EWR Requirement Report	March 2023	Completed
3.4 Operational Scenarios and its Socio-Economic and Ecological Consequences Report	May 2023	Completed
3.5 Evaluate Scenarios with Stakeholder's Report	August 2023	Started
3.6 Monitoring Programme Report	November 2023	Not started
3.7 Groundwater Reserve Determination Report	February 2024	Not started
3.8 Database of all information and data (incl. spatial)	February 2024	Not started
3.9 Gazette and Implement Reserve	February 2024	Not started

## CAPACITY BUILDING PROGRAMME

Task	Description	Period
2.1	Gap Analysis and Water Resource Model Inventory: data collection, review, and analysis.	June 2022
3.1	Groundwater Resource Units (GRU) delineation.	August 2022
3.4	Water Resource Modelling: 1 week groundwater modelling.	January 2023
<b>3.6</b>	<b>Operational Scenarios: Attend workshop to select and analysis scenarios after stakeholder input.</b>	<b>August 2023</b>

## 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>