

PRESENTATION OUTLINE

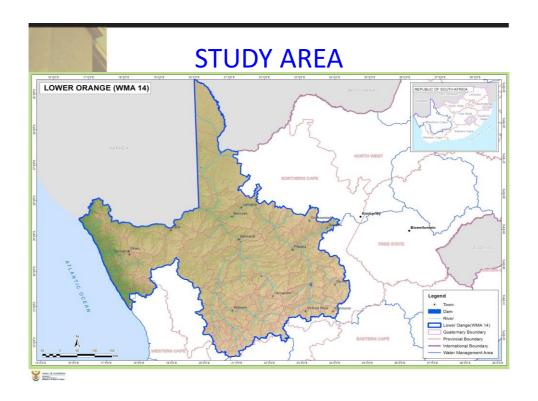
- 1. Background
- 2. Study area
- 3. Objectives of the Study
- 4. Project Plan: Summary of steps
- 5. Overview of Deliverables
- 6. Study Period
- 7. Stakeholder engagement & communication

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BACKGROUND

- Chapter 3 of the National Water Act (Number 36 of 1998) provides for the protection of all water resources
- Reserve determination for significant water resources is one of the mechanisms.
- The Reserve determination mechanism aims at ecological protection of water resources and provision of Basic Human Needs (BHN)

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OBJECTIVES OF THE STUDY

- Determination of quantity and quality component of the groundwater component of the Reserve
- Determination of quantity and quality component of the Reserve for rivers at various EWR sites;

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OBJECTIVES OF THE STUDY

- Determination of quantity and quality component of the Reserve for priority wetlands, pans and lakes;
- Determination of quantity and quality component of the Reserve for estuarine freshwater requirements

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PROJECT PLAN: SUMMARY STEPS 1. Initiate the BHN and 2. Delineate RU, select **EWR** assessment study sites How will be study be Where will detailed work executed? be undertaken? 4. Determine BHN and 3. Determine reference **EWR** condition, PES and EIS How much water do you What are the ecological need for basic human status, importance and needs and to maintain a future ecological certain ecological status? objectives? 5. Determine operational 6. Ecological scenarios and evaluate specification, monitoring consequences and implementation How will the current state information and ecological objectives How do we know that we be influenced by future will achieve our objectives changes in operation? WATER IS LIFE - SANITATION IS DIGNITY Toll Free: 0800 200 200 www.dwa.gov.z

OVERVIEW OF DELIVERABLES

- Inception Report (31 December 2015) √
- Resource Unit Report (31 March 2016) √
- River Ecoclassification Report (30 July 2016) √
- River EWR Report (30 September 2016) √
- Wetland Eco classification Report (30 September 2016) √
- Estuary Field Assessment Report (30 October 2016) √

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OVERVIEW OF DELIVERABLES

- Groundwater Report (31 October 2016) √
- Wetland EWR Report (30 Nov Dec 2016)
- Ecological and Estuary consequences of scenarios (31 March 2017)
- Consequences of scenarios Report (30 June 2017)
- Ecospecs & monitoring Report (31 July 2017)
- Close Out & Main Report (31 August 2017)

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STUDY PERIOD

- Project duration is 2 years
- The study was initiated on the 15th October 2015 and expected to be completed on the 14th October 2017
- Rivers for Africa eFlows Consulting was appointed to assist the DWS in undertaking the study

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STAKEHOLDER ENGAGEMENT & COMMUNICATION METHODS / APPROACH

- Direct Stakeholder meetings
- Printed Documents e.g. BID
- Electronic media
 - **DWS** website:

https://www.dwa.gov.za/rdm/currentstudies/default.aspx

E-mail (database list)

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PSC meetings

- PSC meeting 1 23 June 2016
- PSC meeting 2 16 November 2016
- PSC meeting 3 June 2017??

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