



water affairs

Department:
Water Affairs
REPUBLIC OF SOUTH AFRICA

DEVELOPMENT OF THE RECONCILIATION STRATEGY FOR THE LUVUVHU AND LETABA WATER SUPPLY SYSTEM

SSC MEETING NO. 5

10.1: CLASSIFICATION OF WATER RESOURCES AND DETERMINATION OF THE RESOURCE QUALITY OBJECTIVES IN THE LETABA CATCHMENT

**DATE: 20 JUNE 2014
VENUE: TZANEEN LODGE
TIME: 09:00 – 13:30**

PURPOSE OF THE MEETING

- To provide feedback on the progress of classifying and determining the Resource Quality Objectives for the water resources in the Letaba catchment
- Study Outcomes
- Way forward

STUDY OUTCOMES

- Initiated by DWA in 2012 to determine the appropriate Classes for the Letaba River System and Resource Quality Objectives
 - Classification defines the desired state of the water resources and ranges from minimally used water resources to heavily used water resources
 - Resource Quality Objectives: Describes the goals to achieve the Management Class, numerically and narratively.
- To facilitate the balance between protection and use of the water resources

RECOMMENDED CLASSES

Integrated Unit of Analysis	Management Classes
1: Letaba Upstream of Tzaneen Dam	II
2: Letsitele and Thabina	III
3: Letaba Downstream of Tzaneen to proposed Nwamitwa Dam	III
4: Letaba from proposed Nwamitwa Dam to Klein Letaba Confluence	II
5: Southern Tributaries to Letaba in IUA 4	I
6: Northern Tributaries to Letaba in IUA 4	III
7: Upper Middle Letaba and Tributaries Upstream of Middle Letaba Dam	III
8: Klein Letaba Upstream of Middle Letaba Dam	II
9: Klein Letaba Downstream of Middle Letaba Dam	III
10: Lower Klein Letaba Tributaries	I
11: Letaba Downstream of Klein Letaba confluence	II
12: Letaba Main Steam KNP	I

RESOURCE QUALITY OBJECTIVES (RQOS)

- For each Class on each of the IUAs (subcatchments of the Letaba) associated RQOs were specified as follows:
 - Groundwater: Water Level, baseflow contribution and Quality
 - Hydrology: Flow needed at different times of the year
 - Biota and Habitat: provide an overall target of ecological category
 - water quality: considered the ecological, domestic use, agriculture (stock and Irrigation), Industrial (category 3) and recreation (full contact) requirements

STAKEHOLDER INVOLVEMENT

- Established a Project Steering Committee to guide process
 - 3 meetings (March, October 2013 and April 2014)
- Public Meeting (12 June 2014)
- Information dissemination:
 - Advertisements and invitation letters
 - BIDs and Newsletters
 - Meetings with sectors
- For more information visit the Departmental web site:
www.dwa.gov.za/rdm/WRCS/default.aspx

WAY FORWARD

- Both Classes and RQOs will be gazetted for a period of 60 days each for public consultation
- The process is currently with the department's Legal Services
- DWA will be available for further engagement should individual organizations or institutions require



THANK YOU