water & sanitation

Department:
Water and Sanitation
REPUBLIC OF SOUTH AFRICA

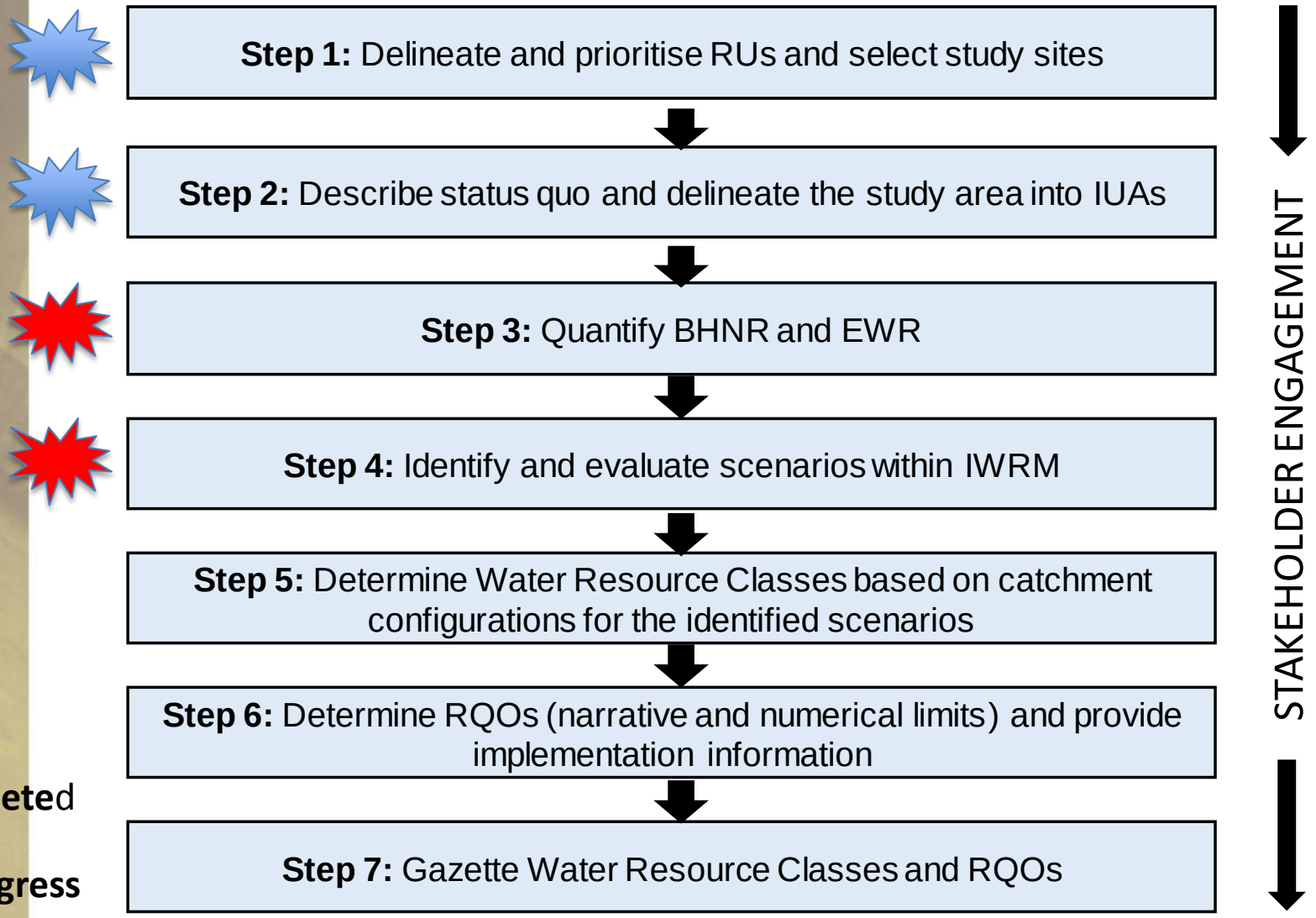
WP 11004: PSC MEETING 2, 18 JULY 2017

DETERMINATION OF WATER RESOURCE CLASSES AND RESOURCE QUALITY OBJECTIVES FOR THE WATER RESOURCES IN THE MZIMVUBU CATCHMENT:

PROJECT PROGRESS

Patsy Scherman

PROJECT PLAN



REPORT STATUS

Printed reports:

- **Inception Report**
- **River survey Report**
- **Status Quo/Delineation Report**
- **Systems Modelling Report, volume 1**
- **River Desktop EWR Report, volume 2**
- **BHN Report**
- **River EWR Report**

Reports submitted for review:

- **Groundwater Report**
- **Wetland Report**

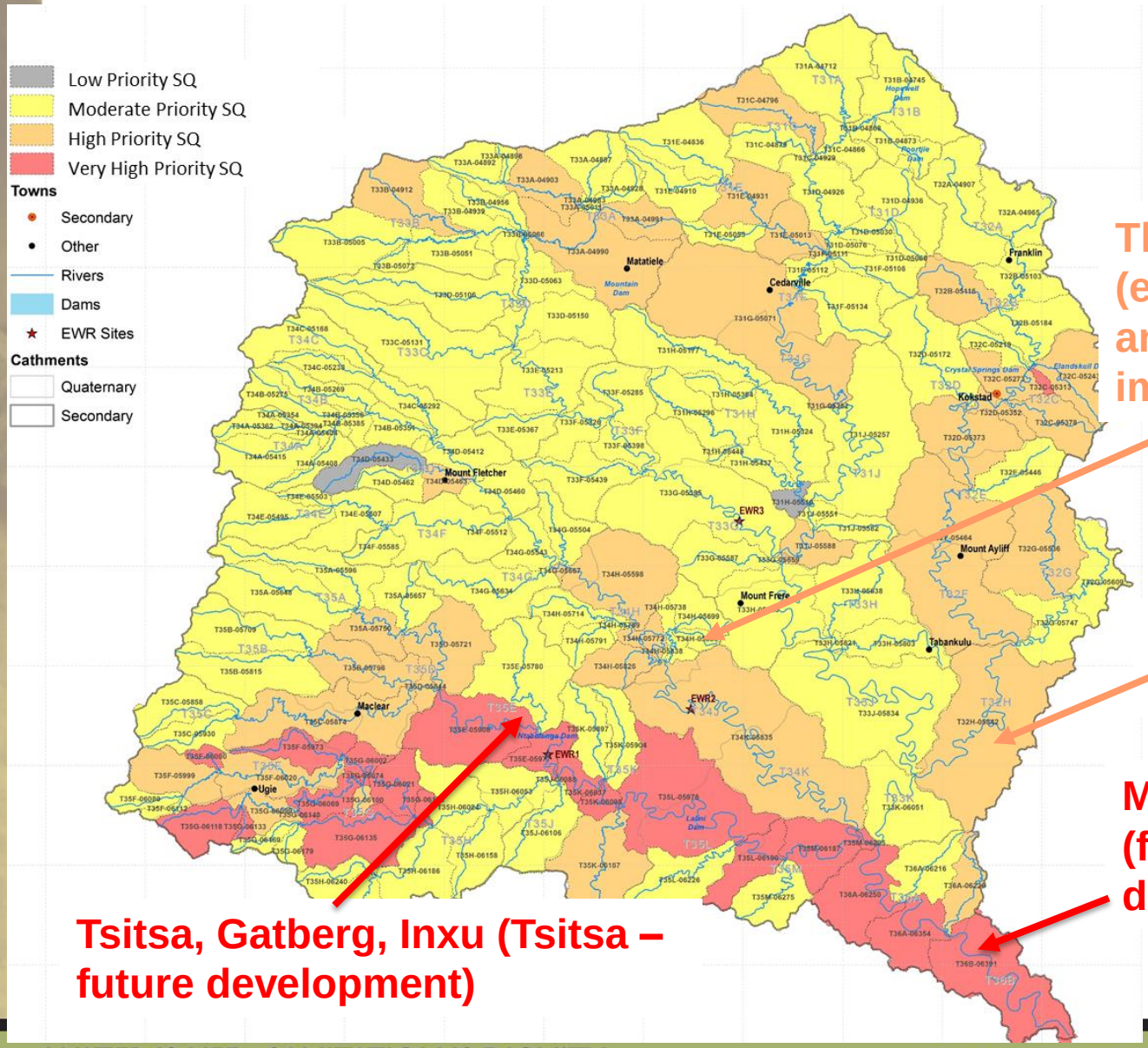
Other:

- **Scenario Description Discussion document reviewed by PMC and PSC, scenarios approved and modelling undertaken.**

STATUS OF SURVEYS / MEETINGS / WORKSHOPS

- River field survey: Sept 2016
- PMC 1: 22 Nov 2016, East London
- PSC 1: 5 Dec 2016, East London
- TTG 1, River water quality: 30 Jan 2017, East London
- River EcoClassification/EWR workshop: 7-10 Feb 2017, Chintsa
- Upper Catchment Information Meeting: 6 March 2017, Matatiele
- PMC 2: 20 April 2017, Pretoria
- PSC 2: 9 May 2017, Mthatha
- Estuary consequences: 25-26 May 2017, Port Elizabeth
- River consequences: 29 May – 2 June 2017

FINALIZED HIGH PRIORITY SQs AND ECOLOGICAL HOTSPOTS



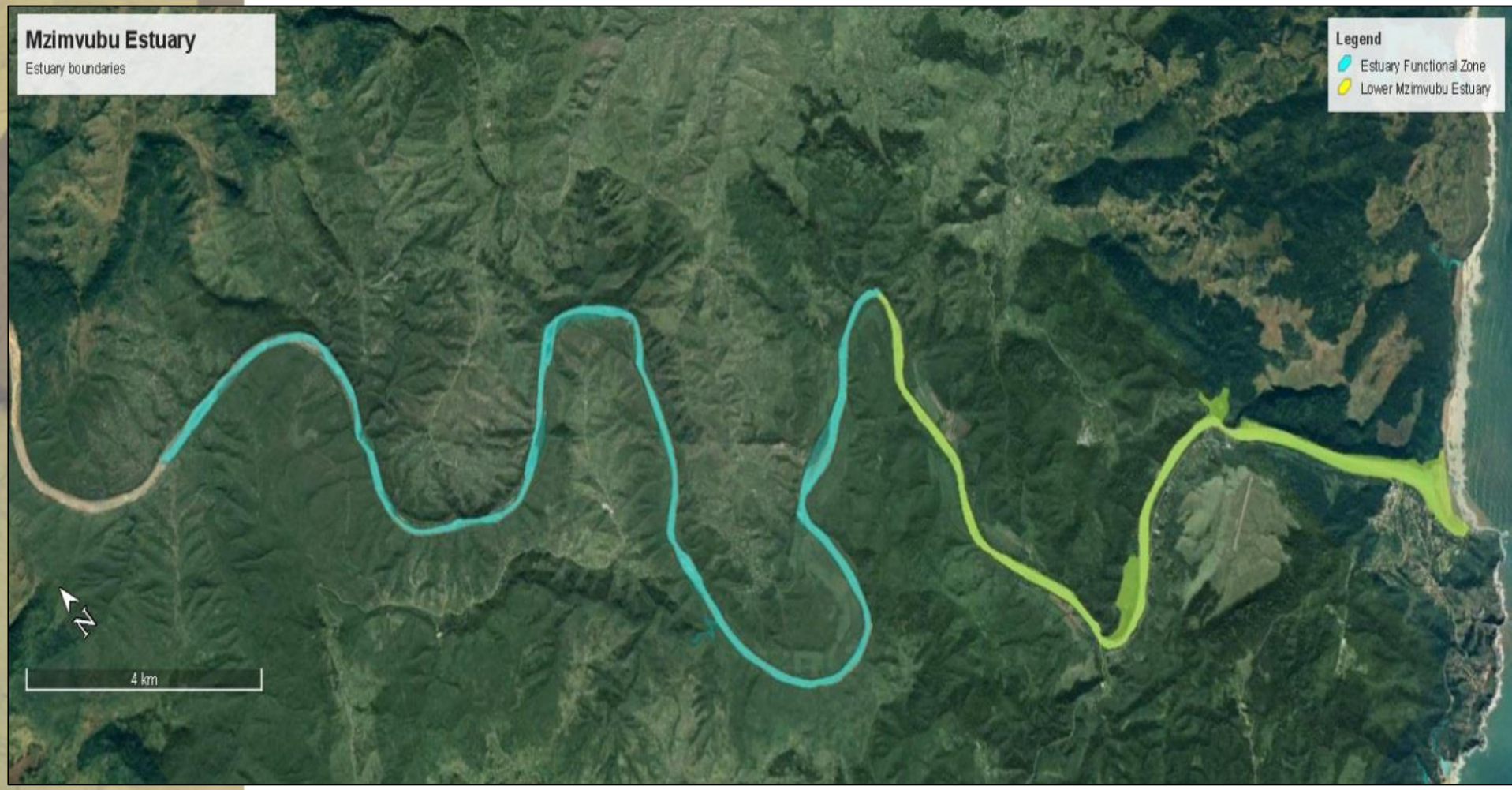
Thina (ecological and SCI importance)

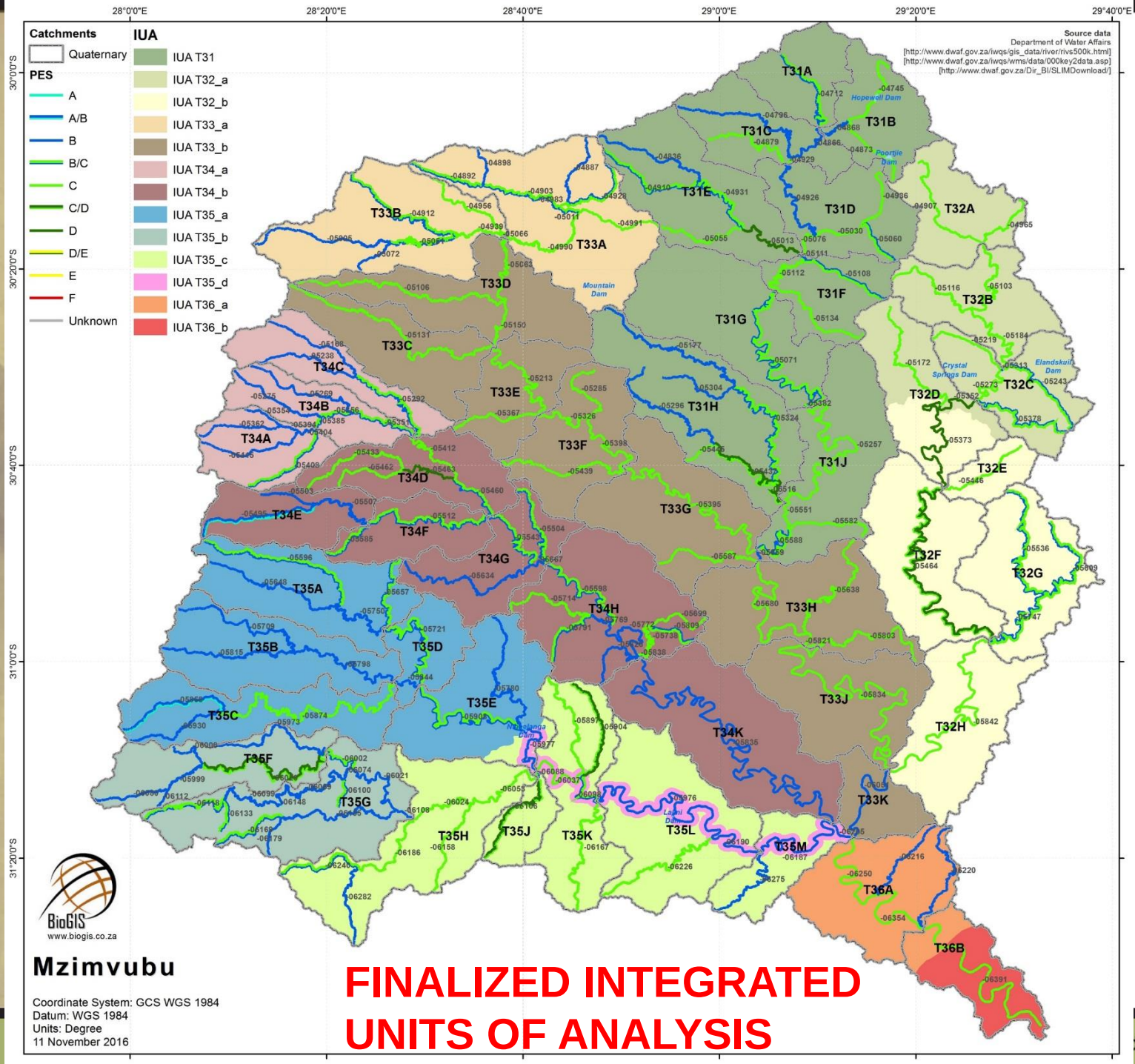
Mzintlava (IEI and WRUI)

Mzimvubu (future development)

Tsitsa, Gatberg, Inxu (Tsitsa – future development)

MZIMVUBU ESTUARY FUNCTIONAL ZONE




Catchments
Quaternary
PES
A
A/B
B
B/C
C
C/D
D
D/E
E
F
Unknown
IUA
IUA T31
IUA T32_a
IUA T32_b
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IUA T35_b
IUA T35_c
IUA T35_d
IUA T36_a
IUA T36_b
Source data
Department of Water Affairs
[http://www.dwaf.gov.za/iwqs/gis_data/river/rivs500k.html]
[http://www.dwaf.gov.za/iwqs/wms/data/000key2data.asp]
[http://www.dwaf.gov.za/Dir_BI/SLIMDownload/]
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Hopewell Dam
Poortjie Dam
Mountain Dam
Crystal Springs Dam
Elandskuil Dam
Nagwinya Dam
Lami Dam
BioGIS
www.biogis.co.za
Mzimvubu
Coordinate System: GCS WGS 1984
Datum: WGS 1984
Units: Degree
11 November 2016
FINALIZED INTEGRATED
UNITS OF ANALYSIS

QUESTIONS FOR CLARIFICATION