Service Man
NON-ECOLOGICAL WATER QUALITY: RQOs
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IUA 2: LETSITELE + THABINA Moderate priority RUs: Water quality RQOs						
		-	Narrative RQOs	Numerical RQOs		
2			Ensure that nutrient levels are within Tolerable limits.	50 th percentile of the data must be s 0.025 mg/L PO ₄ -P (Agriculture - irrigation: driver)		
Narrative KQOS	Numerical RQOs		Ensure that electrical	75 th percentile of the		
Ensure that nutrient 50 th percentile of evels are within the data must be Acceptable limits. 50.025 mg/L PO ₄ -P	an an an angeler an an an angeler	conductivity (salt) levels are within Ideal limits.	data must be ≤ 30 mS/m (Aquatic ecosystems: driver)			
	irrigation: driver)		Ensure that toxics are	75th percentile of the		
Meet faecal coliform targets for recreational (full contact) use.	Meet the TWQR of 0-130 counts per 100 ml (DWAF, 1996a)		within ideal limits or A categories.	data must be within the TWQR for toxics. Numerical limits can be found in DWAF (1996b) and DWAF		
Ensure water quality	See specified biota			(2008)		
state maintains biotic requirements requirements as specified by RQOs for biota.			Ensure water quality state maintains biotic requirements as specified by RQOs for	See specified biota requirements		
_		_	biota.			

	IUA 4, RU EV High priority	R 3 (LETABA) RU: Water quality RQOs	
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Na	arrative RQOs	Numerical RQ	Ds
Ensure the within Acc	t nutrient levels are eptable limits.	50th percentile of the data m 0.025 mg/L PO ₄ -P (Aquatic of driver)	nust be ≤ ecosystems:
Ensure that conductivity	t electrical ty (salt) levels are	75 th percentile of the data m than or equal to 30 mS/m (li 3: driver)	nust be less ndustrial Cat
Ensure that within Idea	it pH levels stay Il limits.	5 th and 95 th percentiles of p be between 6.5 and 8.0 (Aqu ecosystems: driver)	H data must Jatic
Ensure that Ideal limits	t toxics are within s or A categories.	75 th percentile of the data m within the TWQR for toxics. limits can be found in DWA DWAF (2008)	Numerical F (1996b) and
Ensure wa maintains	ter quality state biotic requirements	See specified biota requirer	nents

100	RESOURCE QUALITY OBJECTIVES
*	1: Delineate units of analysis and describe the status quo
	2: Initiation of stakeholder process and catchment visioning
*	3: Quantify EWRs and changes in Ecosystem Services
*	4: Identification and evaluation of scenarios within IWRM
* *	5: Draft Management Classes
	6: Resource Quality Objectives (EcoSpecs & water guality (user))
	7: Gazette class configuration
	RQOs: Where do they fit in?
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the strent	IUA 7: UPPER MIDDLE LETABA + TRIBS Moderate + High priority RUs: Water quality RQOs		
	Narrative RQOs	Numerical RQOs	
	Ensure that nutrient levels are within Acceptable limits.	50 th percentile of the data must be s0.015 mg/L PO ₄ -P (Agriculture – Irrigation / Aquatic ecosystems: drivers)	
	Ensure that toxics are within Ideal limits or A categories.	75 th percentile of the data must be within the TWQR for toxics. Numerical limits can be found in DWAF (1996b) and DWAF (2008)	
	Ensure water quality state maintains biotic requirements as specified by RQOs for biota.	See specified biota requirements	







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