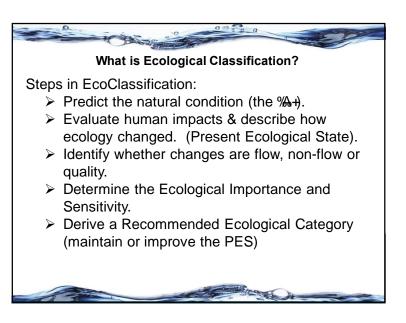


What is Ecological Classification? > EcoClassification consists of three processes: - Present Ecological State (PES) - Ecological Importance - Recommended Ecological Category (REC) > The focus in this presentation is on the status quo, i.e. the PES. > Information on ecological importance also provided to aid visioning.

> The PES describes river according to ecological status or health compared to natural conditions.





- > Undertaken for 75 SQ reaches.
- > Desktop PES evaluation & info available.
- > Desktop EI-ES results available.
- > During this study, key non-flow, flow, water quality impacts identified.
- > PESEIS information also extended with additional information in a master Excel Spreadsheet
- > All NFEPAs evaluated and compared with PESEIS results . incorporated where relevant.

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B8 (LETABA) PRESENT ECOLOGICAL STATE (PES)		
Middel Letaba Mode Letaba Tazone	RIGINAL PARK NATIONAL PARK Giyani Groot Letaba PRIVATE NATURE	Ecological Categories A B C C

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	EVALUATION	
SQ Number	B81D-00246	Numbers for NFEPA and used by DWA for PESEIS
River	Thabina	
Instream Habitat continuity modification	2	Consider barriers
Riparian zone continuity modification	3	Consider areas of riparian veg that has been removed.
Instream habitat modification activities	3	Lack of flow, sedimentation, phys chem problems, bulldozing etc
Riparian zone modification activities	3	Alien vegetation, agriculture, veg removal.
Flow modification	2	Dams, abstraction, etc
Phys-chem modification	2	Return flows, sewage, urban etc
Phys chem hot spots	-	Additional review to identify hotspot, 3. 5 rating
Key impact	Non-flow : agric & sedimentation	
PRESENT ECOLOGICAL STATE (PES)	D	Median converted to A . F scale

