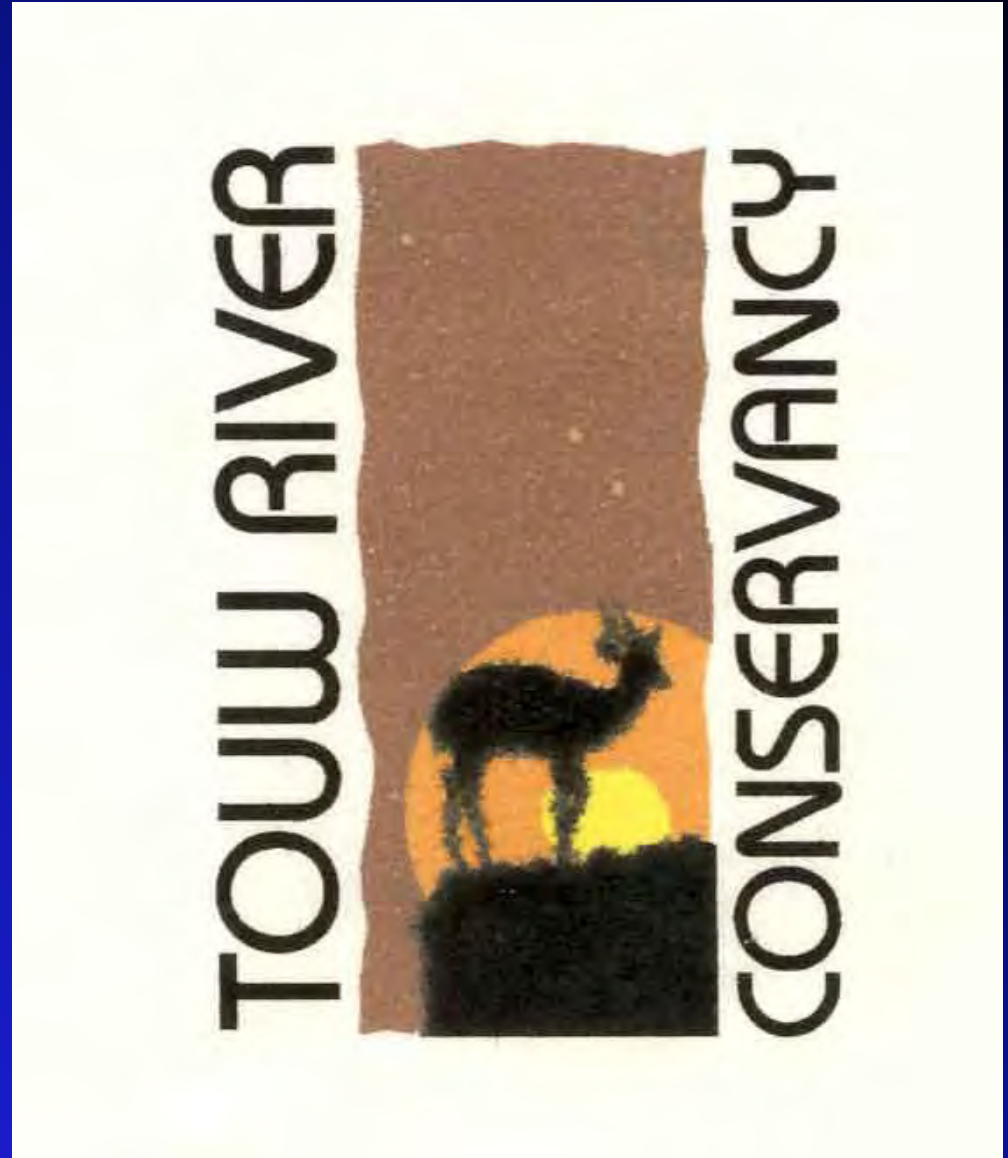


Weeds Forum

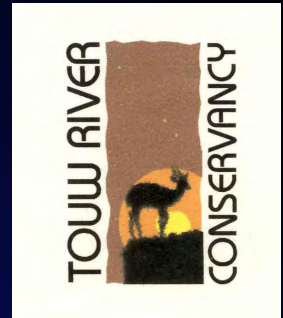
18 March 2011



Proposed Touw River Corridor Alien Clearing Plan



Potential Beneficiaries and Benefits (1)



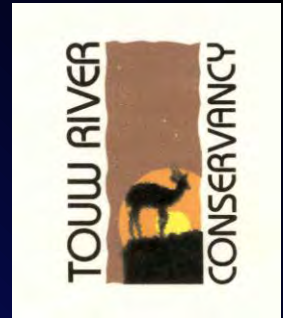
Touwsrante community

The alien clearing teams could be sourced from the community

Secondary industries making crafts and functional items out of wattle and other aliens

Community teams could also get involved in active rehabilitation and erosion control measures

Potential Beneficiaries and Benefits (2)



Wilderness Heights and Hoekwil Residents

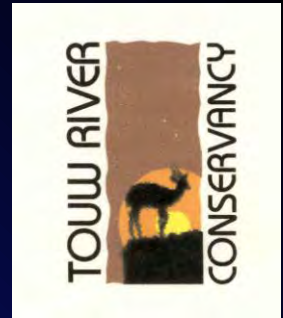
A safer environment in terms of reduced fire risk

A healthier environment in terms of improved biodiversity

A greater sense of place in terms of restoration of indigenous vegetation

Greater water security.

Previous Alien Clearing



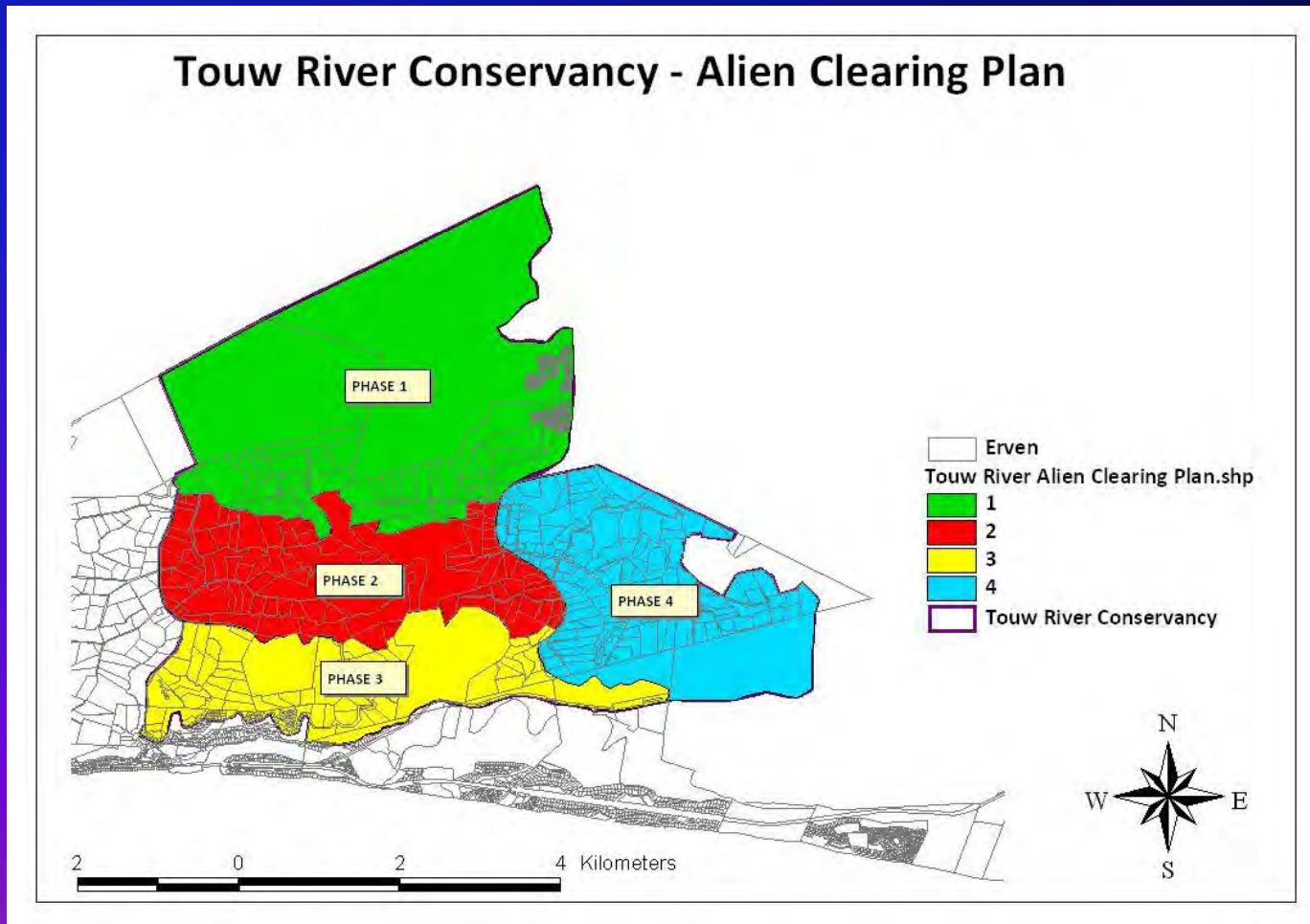
In the past, some landowners in Hoekwil and Wilderness Heights embarked on their own alien clearing projects, often assisted by Working for Water, who provided advice, herbicide and in some cases labour. Conservancy members have also rendered assistance to landowners.

A lesser number of landowners have completely cleared and are in the follow up stages.

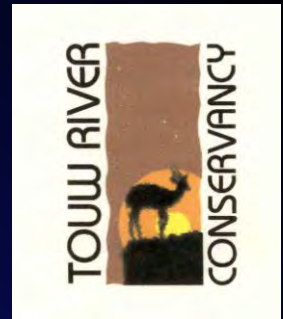
A progress map of this work is on display at the Wilderness Information Centre.

Proposed Alien Clearing Strategy (1)

The clearing of the Touw River Corridor should be essentially tackled in 4 phases, from higher elevations down



Proposed Alien Clearing Strategy (2)



Should an agreement be reached with Working For Water that this is a project that they would like to fund and the extent of that funding, and the % buy-in they would require from landowners, then the following will be undertaken:

Conservancy members will approach landowners to explain the project, what is on offer from WfW, and determine overall % buy-in.

Should no funds be available from, or agreement reached with, WfW then experienced conservancy members will approach willing landowners to advise and explain the options of privately funded partial or complete clearing.



Survey on Landowner Perceptions

DWAF/WFW have used the conservancy as a test site for research they have conducted in 2009 on landowner perception of the benefits and barriers of alien clearing.

Results of the survey are still awaited.

Prioritising quaternary catchments for invasive alien plant control within the Fynbos and Karoo biomes of the Western Cape province

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Quaternary Catchment Ratings: Ranked Criteria for the Garden Route (Wilderness Workshop – 29 Sept 2008)

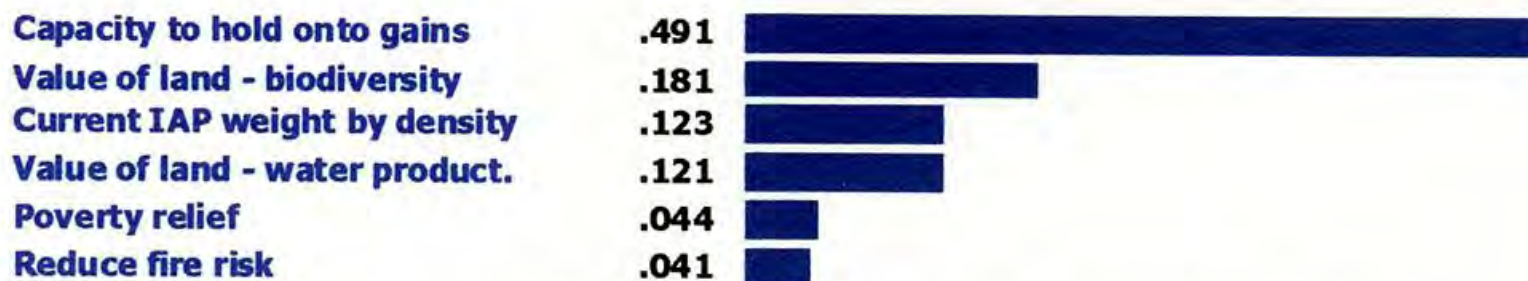


Figure 1: *Ranked criteria identified as significant for the purposes prioritizing quaternary catchments occurring within primary catchment K (Garden Route) and the fynbos portion of primary catchment J (Gouritz) for the clearing of invasive alien plants. Relative weightings, out of a total of 1.0, are given for each criterion.*

Quaternary Catchment Score Ranges Garden Route

(AHP – Analytical Heirarchy Process)

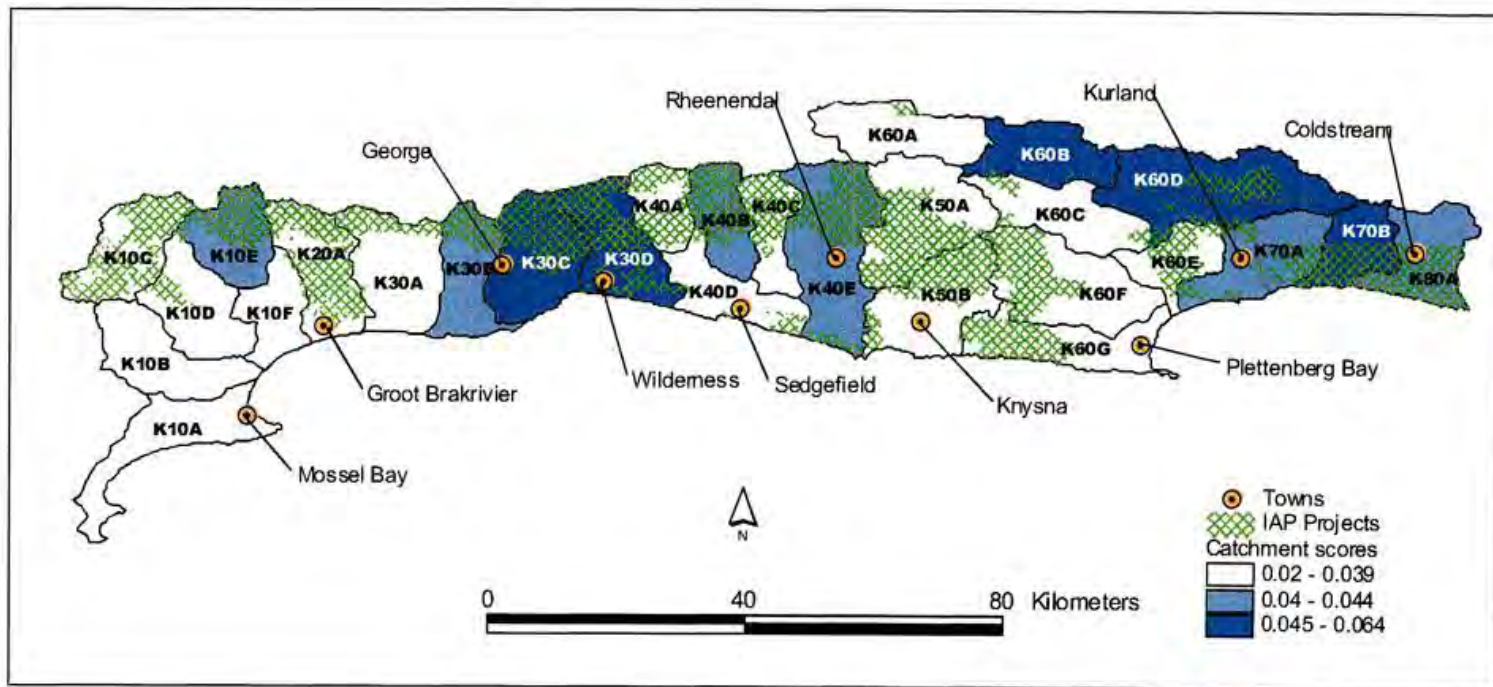
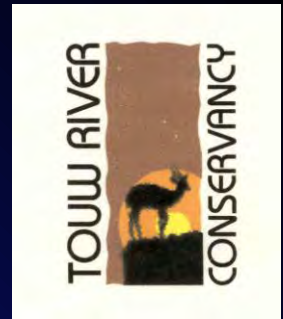


Figure 21: Catchment (AHP) scores for each of the quaternary catchments in the portion of primary catchment K (Garden Route) in the Western Cape Province and quaternary catchment K80A in the Eastern Cape Province. Darker shading indicates catchments having a higher priority for clearing invasive alien plants. Green hatching shows where the current and past clearing projects managed by CapeNature, SA National Parks and the Working for Water Programme are located.

Five Top Quaternary Catchment Scores Garden Route

(AHP – Analytical Hierarchy Process)



Catchment Codes	Catchment Name	Score
K60D	Middle Keurbooms	0.064
K70B	Bloukrans	0.058
K30D	Touw	0.045
K30C	Outeniqua	0.045
K60B	Upper Keurbooms	0.045

Top Five Quaternary Catchments in each of the Primary Areas of the Western Cape

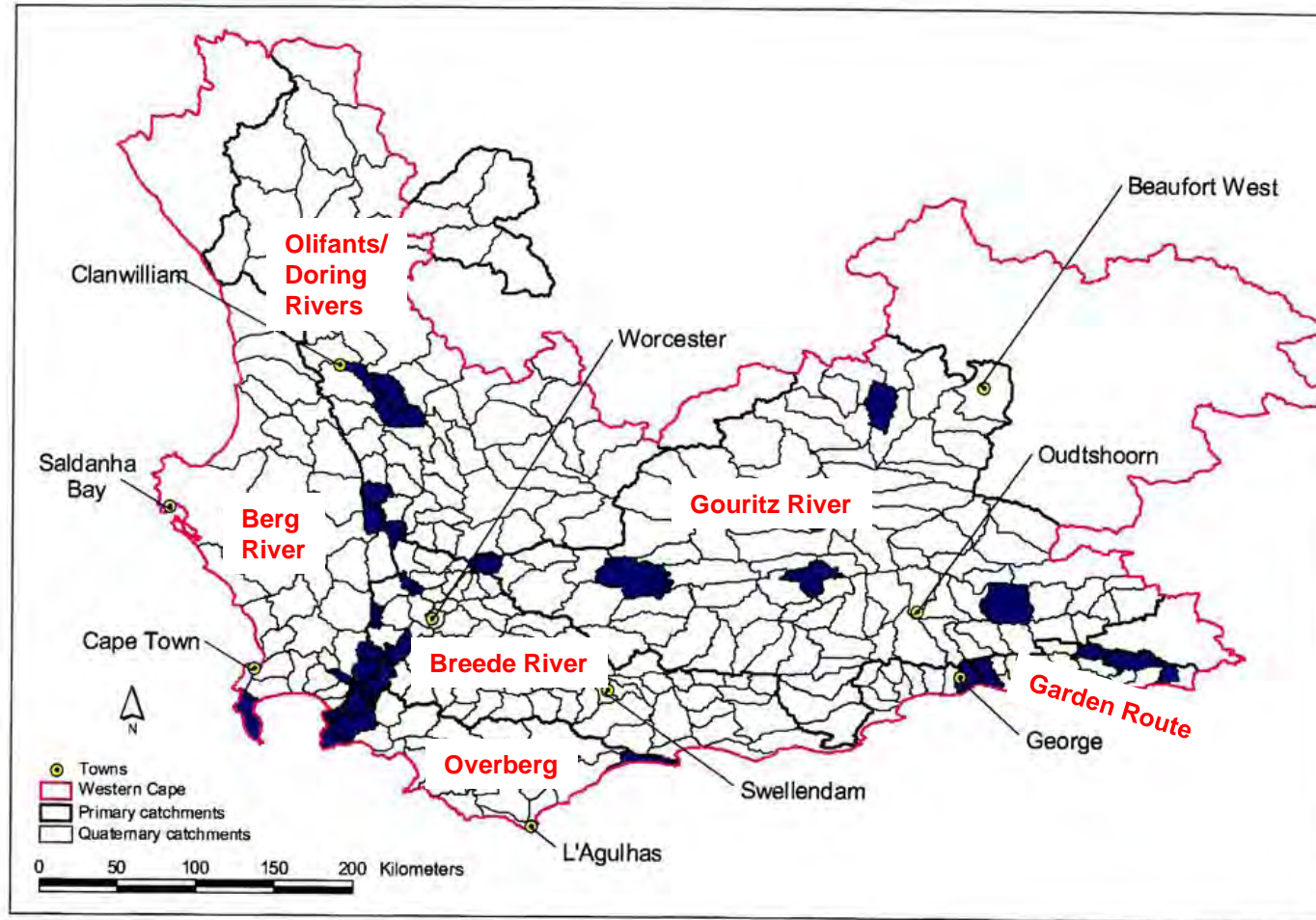
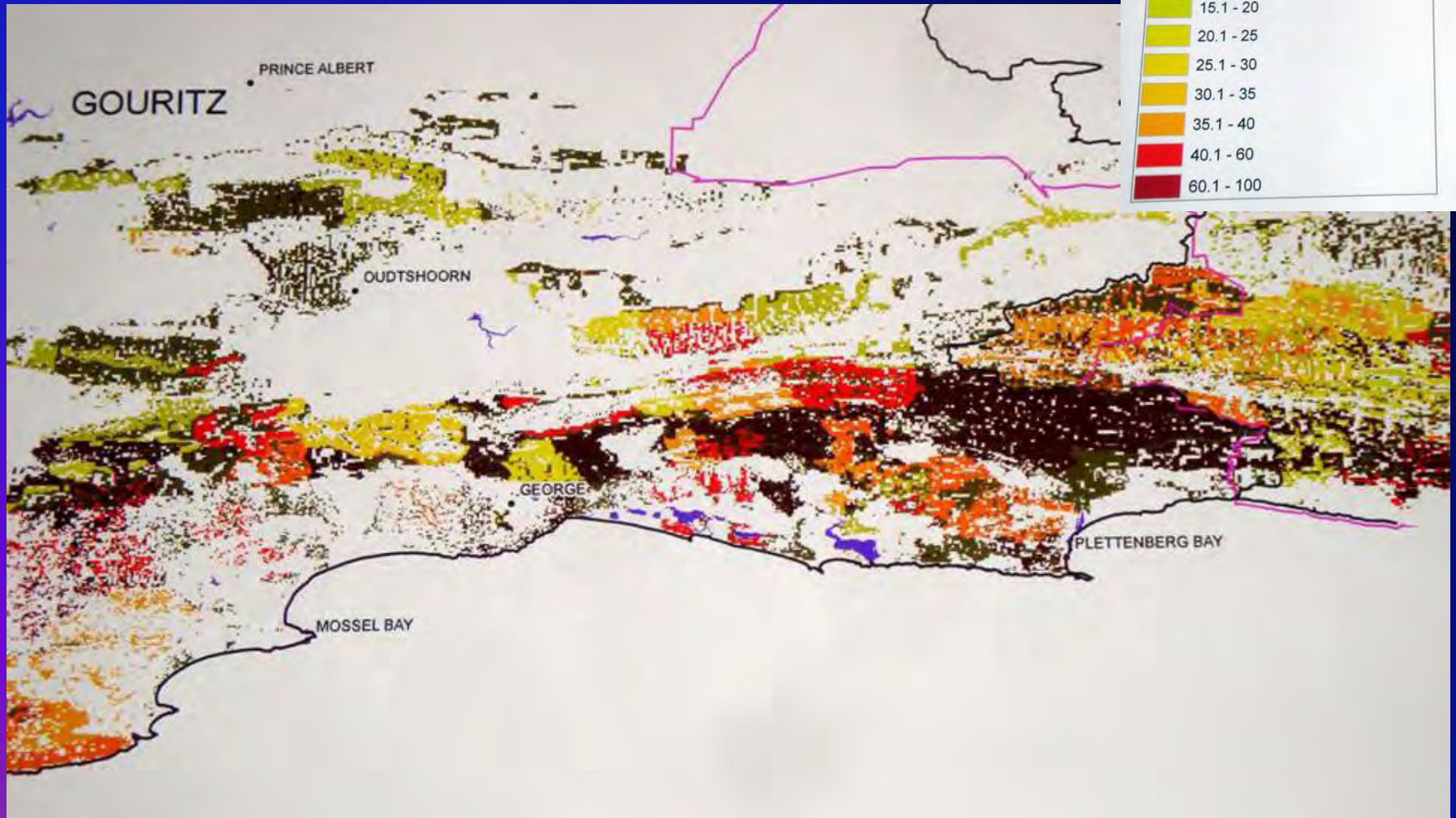
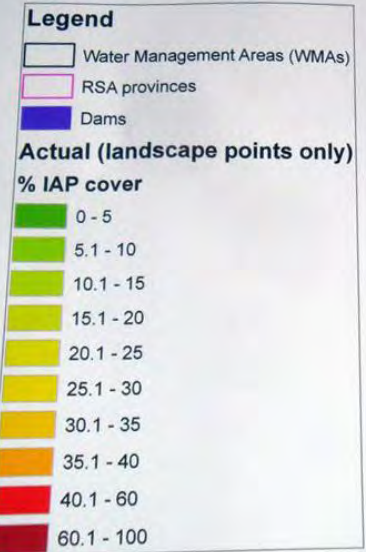


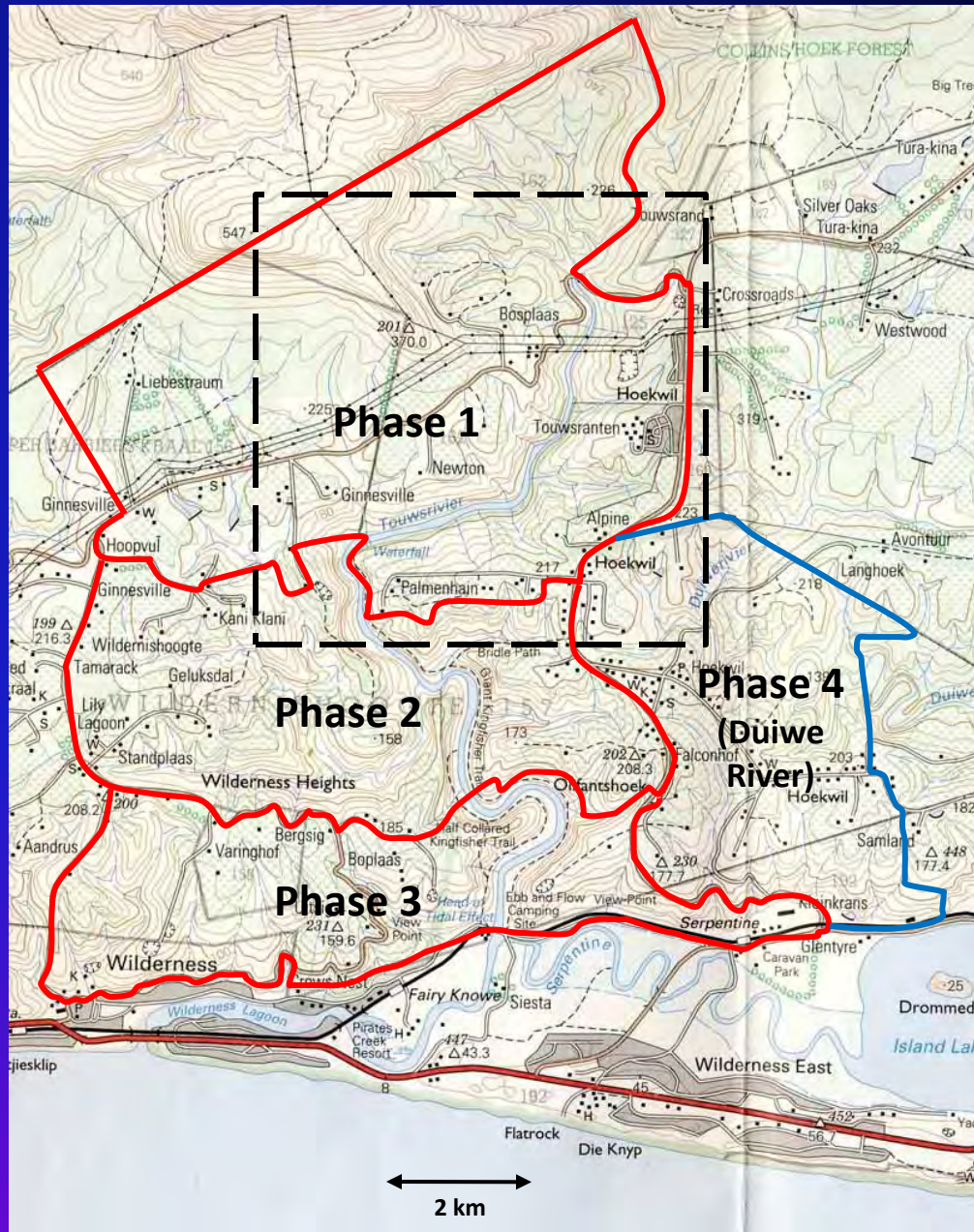
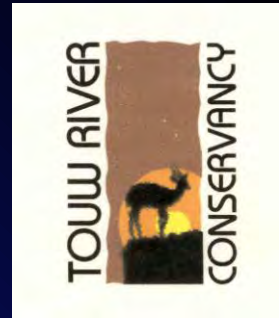
Figure 23: The five top priority quaternary catchments identified (dark shading) within each of the major primary catchments (labelled) of the Western Cape

DWAF/WFW - Alien Vegetation Map

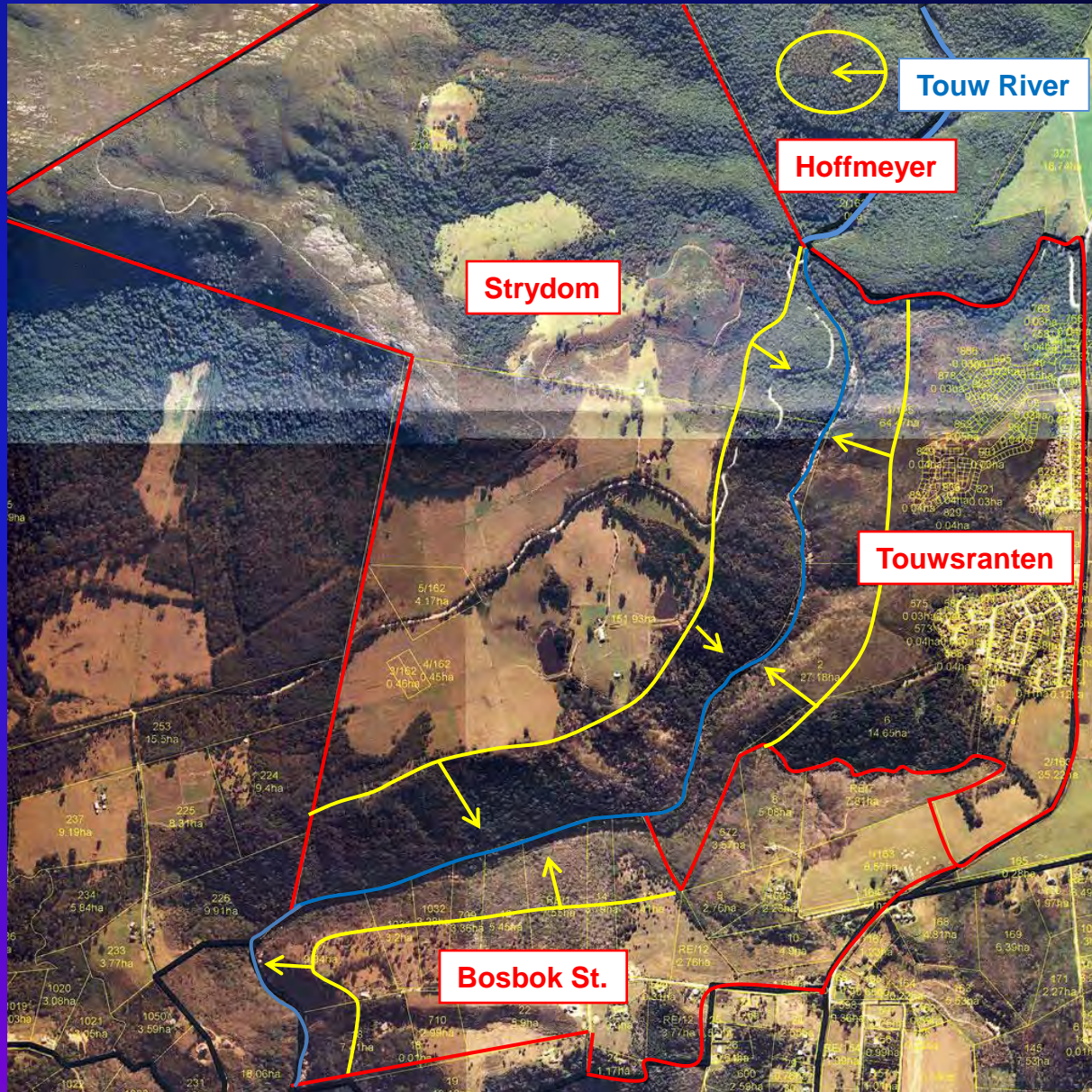
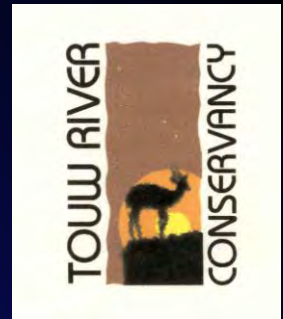
Southern Cape - Garden Route



Touw River Corridor – Clearing Phases



Upper Touw River – Proposed Clearing Areas



— cadastral lines

↘ zones of alien infestation

↔ 500 m

Middle Touw valley above the waterfall looking NE towards Touwsrante

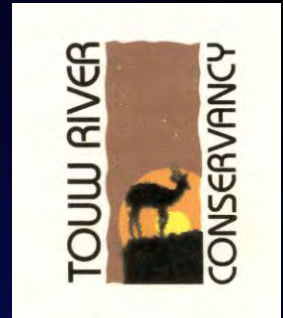


Secondary tributary of the Touw River below Touwsranten - potential pollution



Touw Water Quality

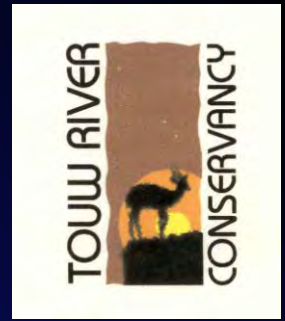
Touw valley above the waterfall looking NE



Hoekwil Residents and Ratepayers Association has initiated a plan to monitor river quality in conjunction with George Municipality and other partners.

Let's try to preserve the beautiful Touw Valley





Thank you.

Any questions?

