

Western Cape Water Supply System Reconciliation Strategy: Berg River – Geospatial Water Quality

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Data Source	Use
DWS	Water quality samples along the Berg River and WWTW samples
Elsenburg	Agricultural land use map
Agricultural Research Council	Soil maps of the Berg River catchment
IDP, SDF	Urban areas
Reports	List of bibliography will be emailed to all

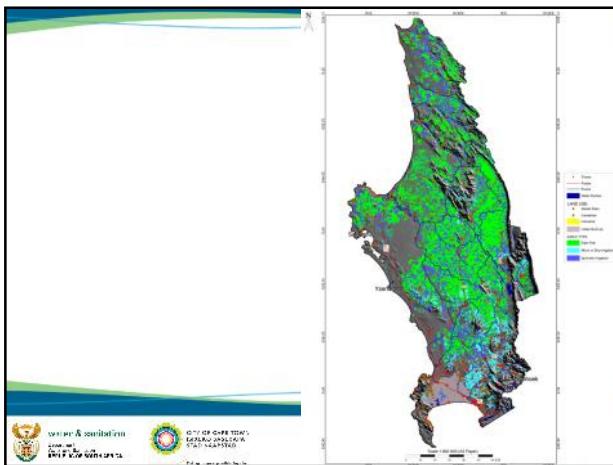
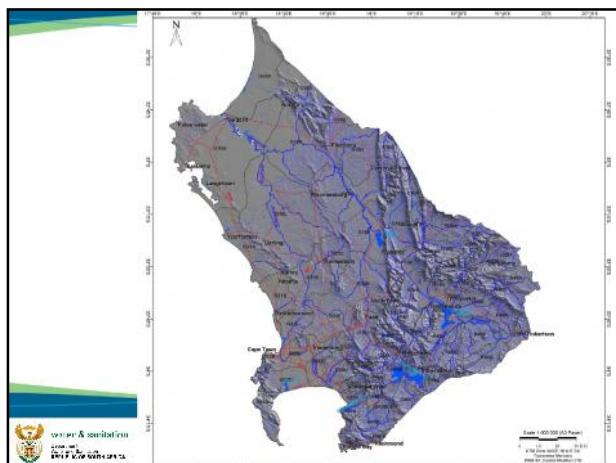
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Current Projects	Location	
DEA&DP	Berg River Water Quality Monitoring	Berg River (20 sampling locations)
DEA&DP	Berg River Implementation Programme (BRIP)	Berg River
Green Cape	Market Intelligent Report: Water	Western Cape

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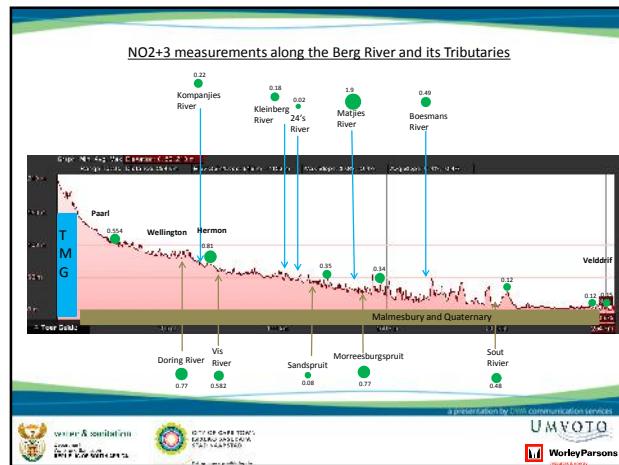
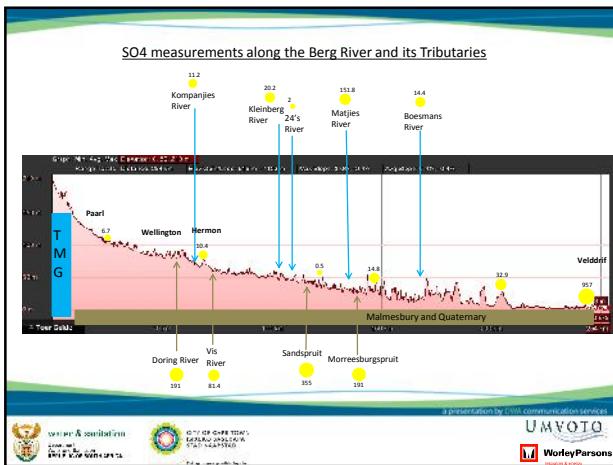
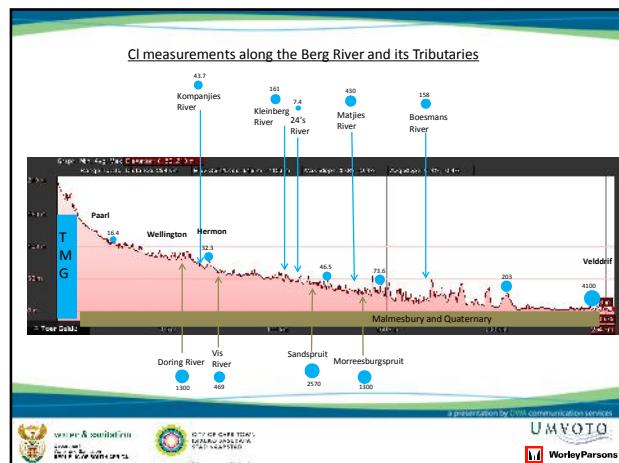
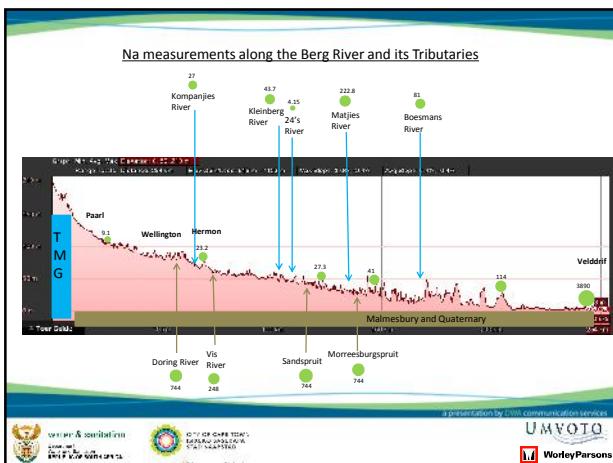
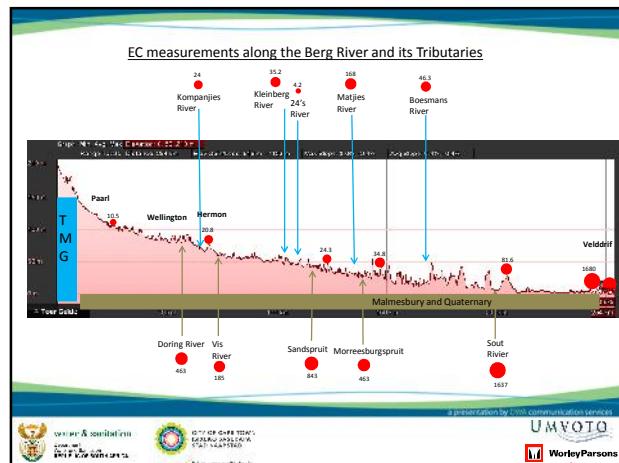
Catchment	River	Town
G10A	Berg Wolweskuif Wemmershoek Olfarts Kasteelhof Bakkenskuif Drakenstein	Franschhoek
G10B	Berg Dwers Hugos	Paarl
G10C	Berg Krom Komatiens Doring Sand Liet	Wellington and Hermon
G10D	Klein Berg Boontjies Eerste Watersels Brakloof	Tulbagh
G10E	Berg Kleinberg Vis Koopmans	Gouda, Riebeek West and Riebeek Kasteel
G10F	Voelvlei Canal	

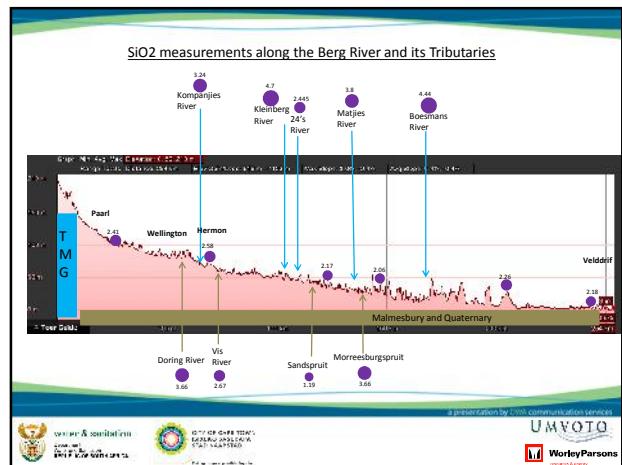
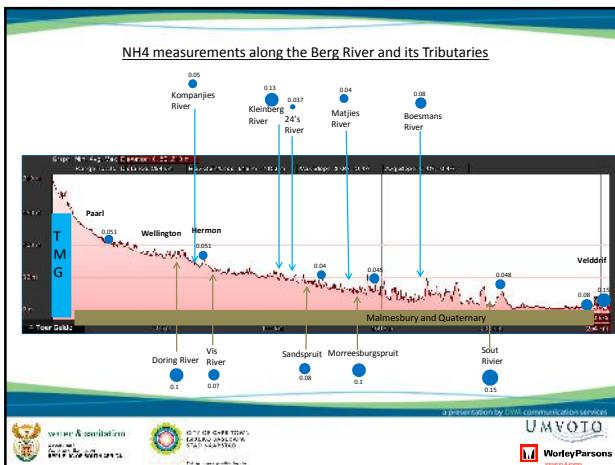
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Catchment	River	Town
G10J	Berg	Morreesburg and Saron
	Moreesburg	
	Sandspruit	
	Vier-en-twintig	
	Leeuw	
G10H	Matjes	
	Assegabospruit	
	Krom	Piketberg and Porterville
	Bothmanskloof	
	Jakkalskloof	
G10K	Pyls	
	Witelsbospruit	
	Smits	Wittewater, Goedverwacht and Koringberg
	Berg	
	Boesmans	
G10L	Kuillers	Darling and Hopefield
	Platkloof	
	Soutkloof	
	Sout	
	Groen	
G10M	Krom	
	Brak	
	Berg	Velddrif, Aurora and Saldanha

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Data still required	Reason
Trace Metals (Cd, Pb, Cr, Mo, Cu, Zn, V, Ni, Se, As and Co)	See influence of fertilizer and herbicides from agriculture on the Berg River
Ecoli	See influence of rural developments on the Berg River
Organics (chlorpyrifos and endosulfan)	Linked to pesticides used in agriculture in studies at Pikitberg, Hex River and Grabouw.

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