

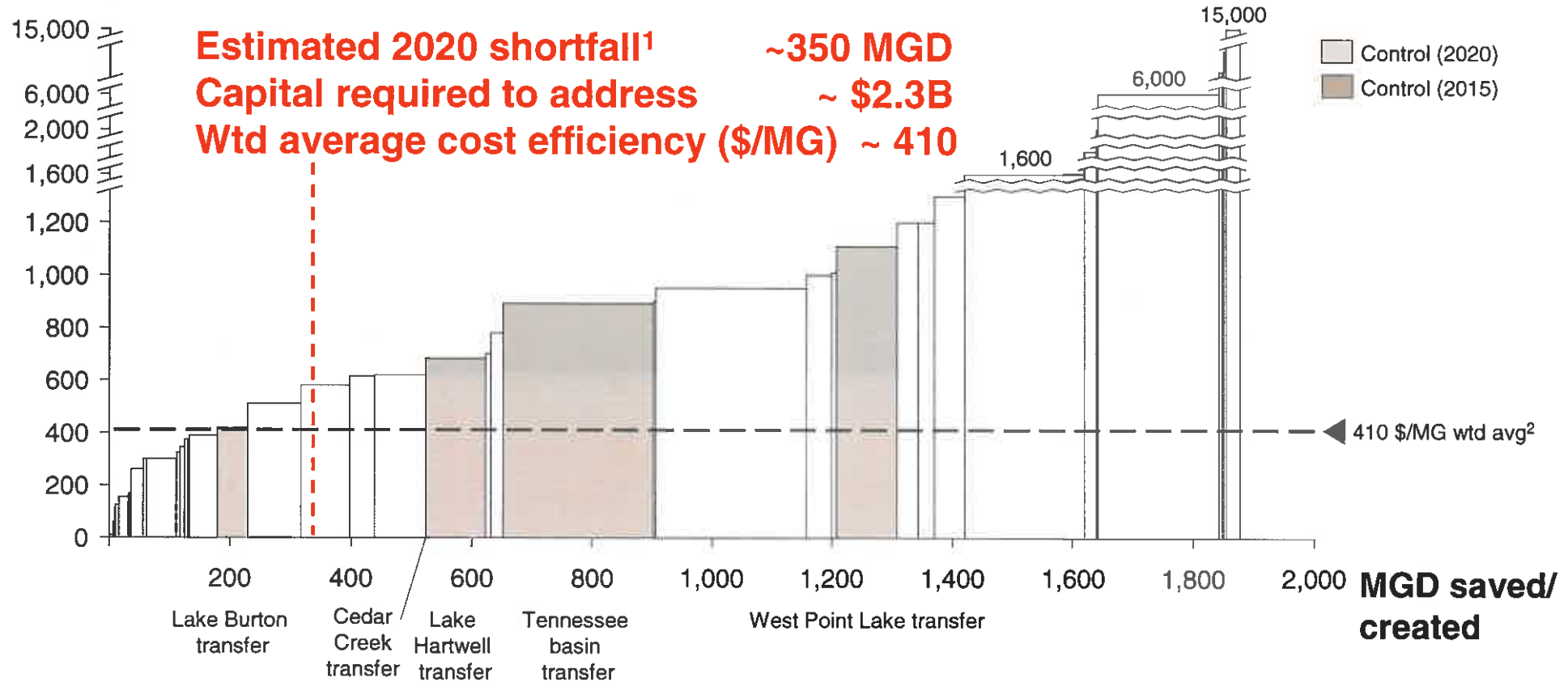
Overview of key options: Control

Control

- Water transfers

Control options are potential long term solutions

Unit cost of savings (\$/MG)



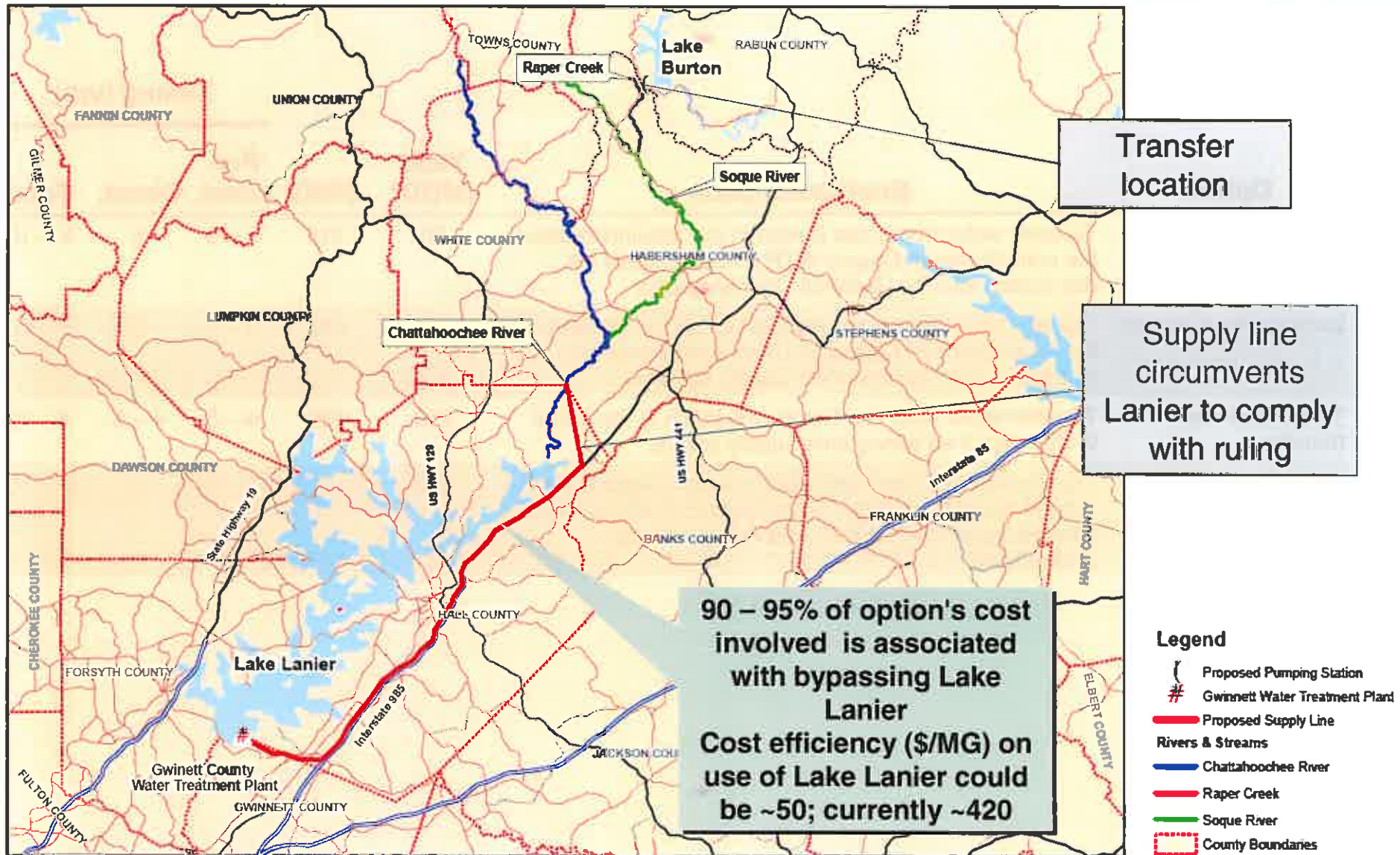
Note: 1. Shortfall = Projected 2020 demand with conservation in Metro plan – Estimated 2020 supply (Lanier and Chatt. withdrawals per ruling, all other sources at current levels). Assumes demand continues to grow until year of shortfall. Other approaches could assume demand decreases as result of ruling, thus reducing implied gap. This analysis uses existing plan demand as baseline. Shortfall only accounts for counties with deficit 2. Weighted average \$/MG calculated based on options that can address 2020 gap at lowest cost
 Certain option yields may not be additive due to interaction effects; cost of transfer options do not account for return to originating basin
 Source: Technical Advisor Panel preliminary estimates

Control options yield and cost estimate detail

Option	Brief Description	Yield (MGD)	\$/MG	Timing (yrs)		
				Pre-const.	Const.	Total
Lake Burton transfer	Transfer water from Lake Burton in the Savannah basin the main Gwinnett County WTP on Lake Lanier for distribution into the Gwinnett County system	50	415	3 – 5	5	8 – 10
Lake Hartwell transfer	Transfer water from Lake Hartwell in the Savannah basin the main Gwinnett County WTP on Lake Lanier for distribution into the Gwinnett County system	100	680	3 – 5	5	8 – 10
Tennessee basin transfer	Transfer water from the Tennessee basin to the Metro Water district as a long term supply source	250	890	4 – 5	4 – 5	8 - 10
West Point Lake transfer	Transfers from West Point Lake to a new regional WTP located near Union City, Fulton County; Gwinnett obtains finished water from DeKalb and Fulton Counties' connections ¹	100	1,110	3 – 5	5	8 – 10

1. Interconnection costs not included; WTP – Water Treatment Plant

Proposed transfer from Lake Burton to Gwinnett WTP



Source: Technical Advisory Panel
TF Mtg 2-final.ppt