



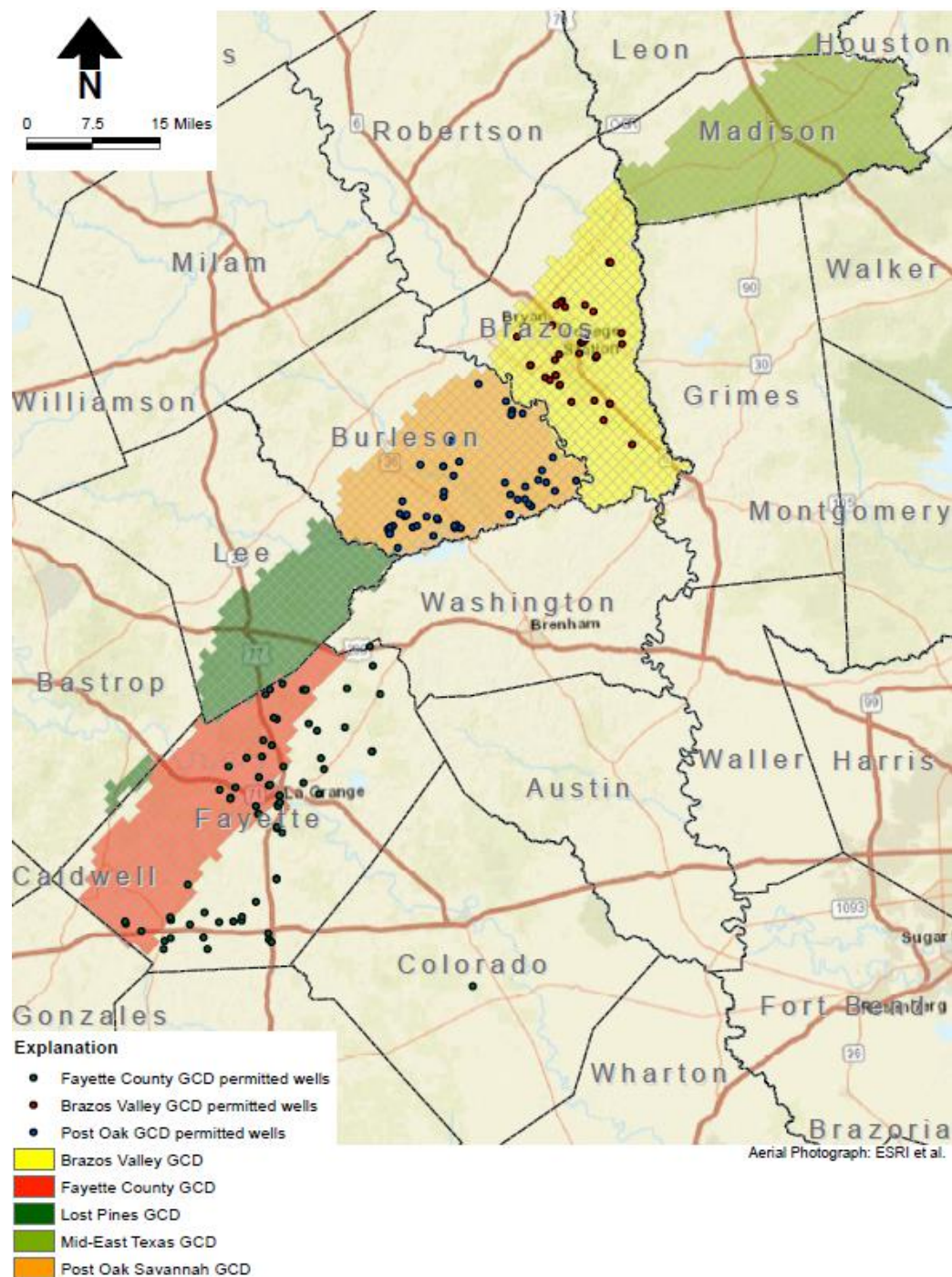
Yegua-Jackson Aquifer Update to GMA12

June 27, 2025 Meeting

Overview and Update

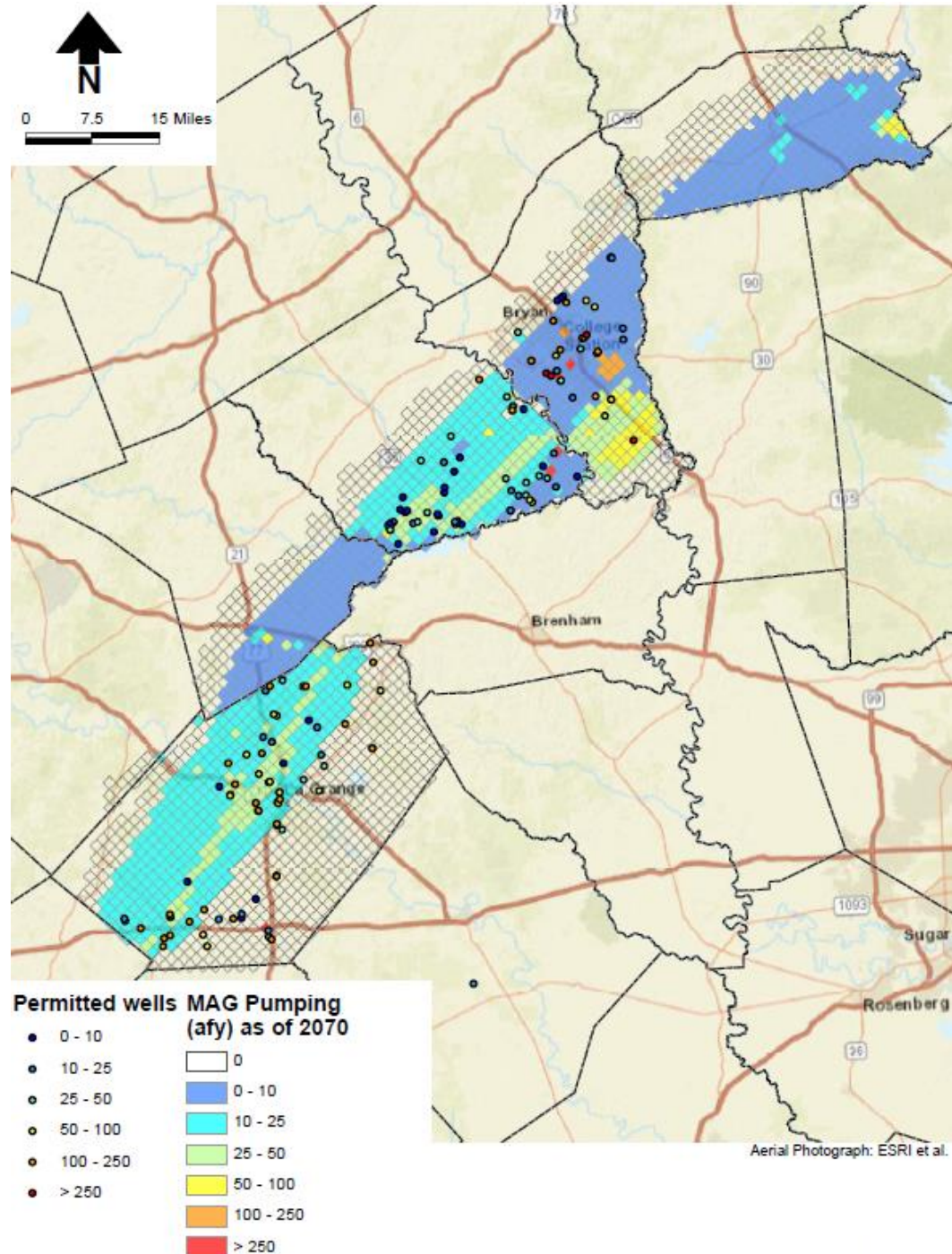
- Prior presentation February 21, 2025
 - Provided aquifer overview
 - Requested input on pumping to be used for current round of joint planning
 - Use the same groundwater model as last round of planning, Yegua-Jackson GAM (Deeds and others, 2010)
- Today
 - Summary of information received
 - Assumed predictive simulation pumping
 - Draft drawdown calculations

Active Yegua-Jackson Model Cells in GMA 12, and Permitted Yegua-Jackson Wells



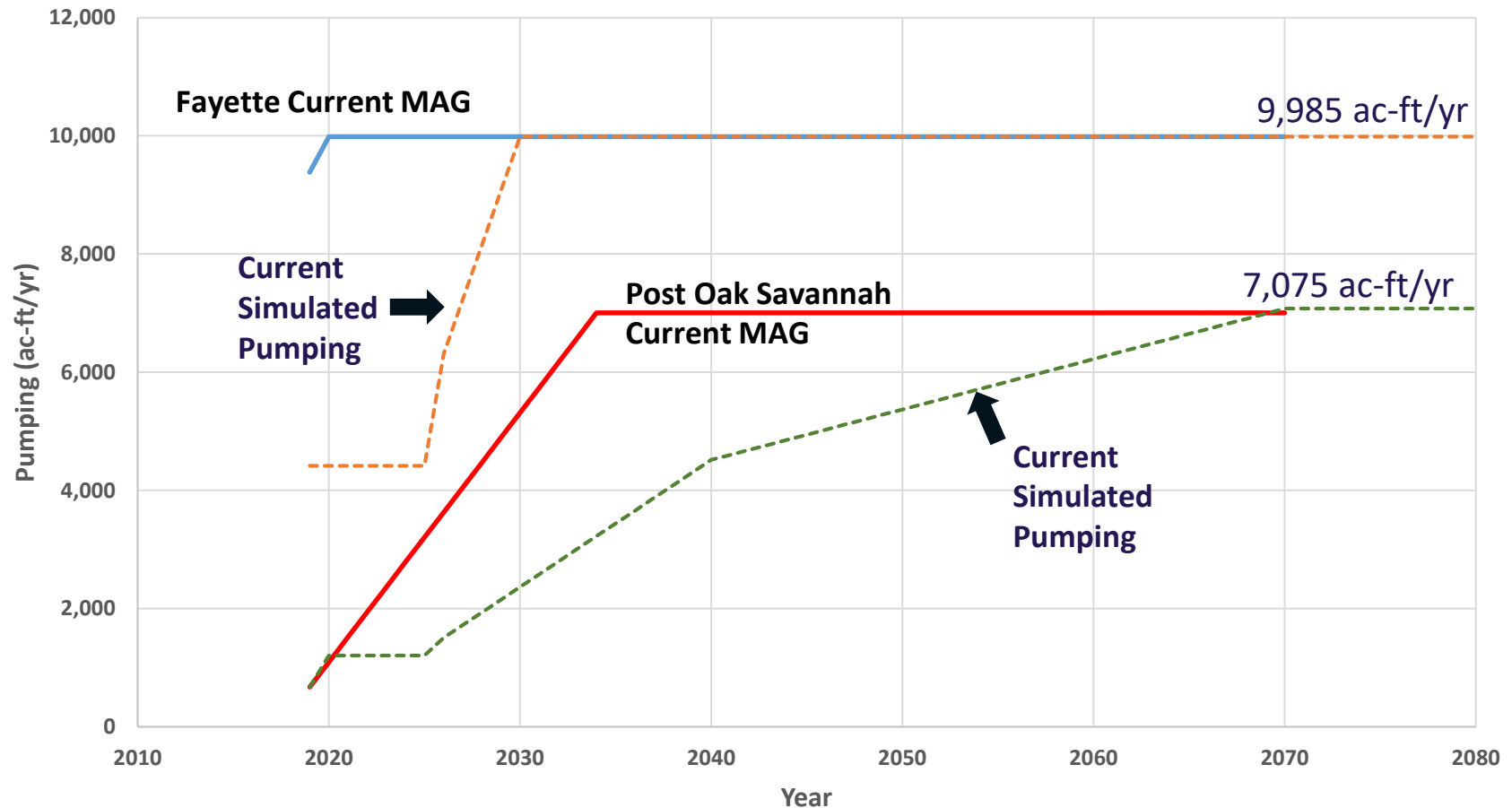
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Permitted Yegua-Jackson Wells and Current MAG Pumping as of 2070

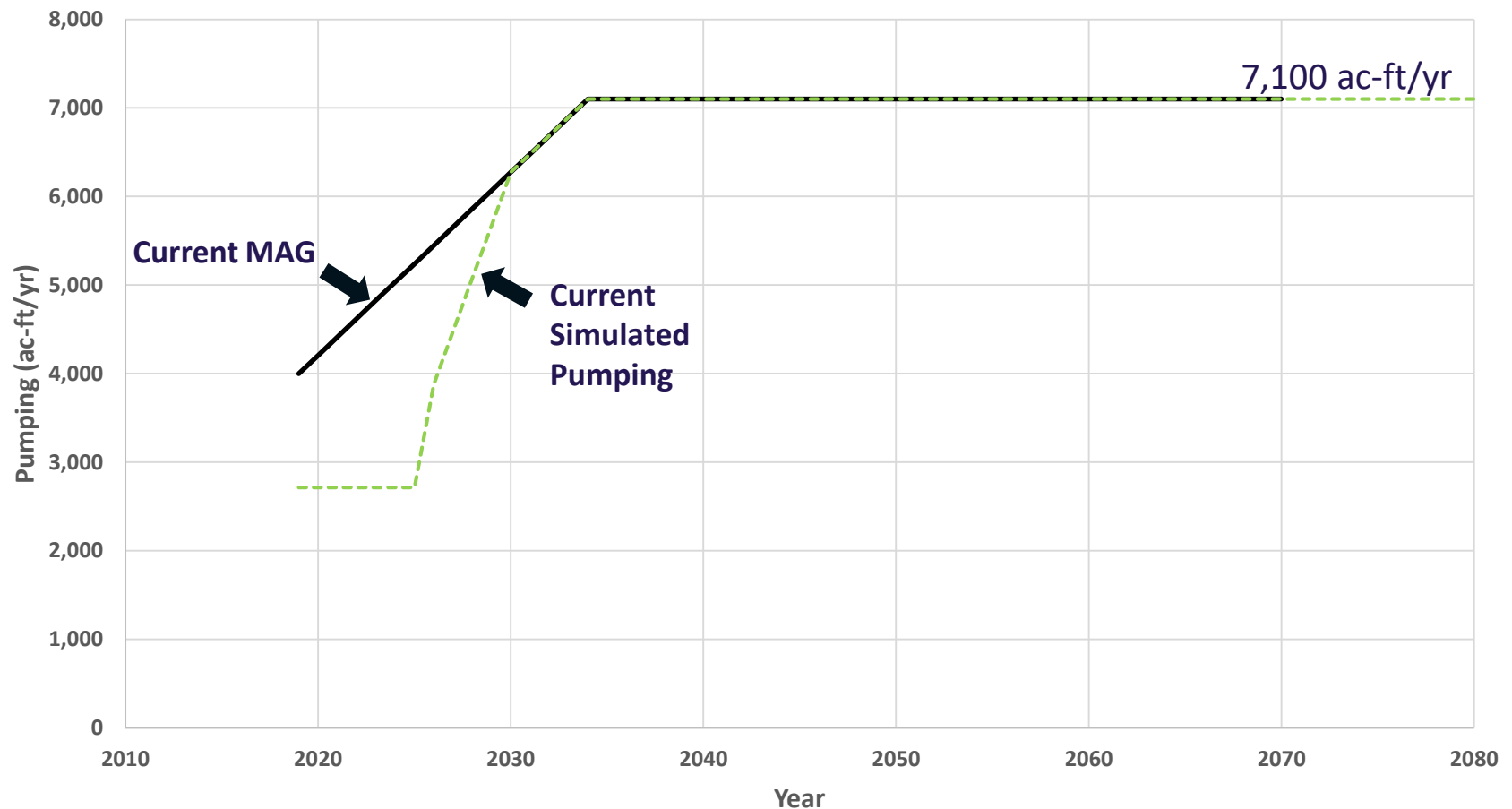


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Fayette and Post Oak Savannah Pumping



Brazos Valley Pumping



Mid-East Texas Pumping

- Mid-East Texas Pumping = 1,122 ac-ft/yr for entire predictive simulation period 2019 through end of 2079

Drawdown Calculation Based on Current Assumed Pumping - DRAFT

District	Current DFC from MAG Report (Table2)	Arithmetic Average of all Yegua-Jackson Model Layers (2010 through December 2079)
Fayette	81	81
Post Oak Savannah	61	61
Brazos Valley	67	56
Mid-East Texas	8	8