

Technical Memorandum

TO: Drew Satterwhite, PE – North Texas GCD
FROM: James Beach, PG (AGS) and Atri Sen, PE (WSP)
SUBJECT: Update of DFC Values in GMA 8 Resolution (Attachment B in Appendix D)
DATE: June 14, 2022

Advanced Groundwater Solutions, LLC (AGS) and WSP have communicated with TWDB to reconcile differences between TWDB DFC calculations and those included in Appendix D (Attachment B) of the GMA 8 Resolution approved on October 27, 2020. As indicated in our phone conversation, most of the differences were due to typographical errors in Table 2 of Attachment B, which was the summary of DFCs by aquifer for each GCD. This was confirmed by comparing the TWDB calculations to the DFC values for each GCD included in Appendix E of the Explanatory Report, which agreed with TWDB calculations in most cases. In summary, six of the nine differences in Table 2 were explained by typographical errors. The other three differences occur in the DFC calculations in the Middle Trinity GCD for the Glen Rose and Hensell aquifers, which should be 29 feet (instead of 21) and 77 feet (instead of 68) according to TWDB calculations.

Table 4 contained one difference in Travis County in the Glen Rose Aquifer. The TWDB found no differences in Tables 1, 3, 5, 6 and 7 of Attachment B.

To ensure clarity of DFCs adopted by GMA 8, AGS and WSP recommends that typographical errors be corrected in Table 2 and that the TWDB calculations be used in the Middle Trinity GCD in Table 2 and for Travis County in Table 4.