

### Test Well (New Test Well and 1<sup>st</sup> Aquifer Test)

*Authorization under General Permit (District Rule 3-1.20.D Test Well and Aquifer Test Permit)*

- I. A test well application is required for each test well to be drilled. Each application has a \$300 fee. You will also need to provide the following information in each application:
  - o Proof of land ownership
  - o a detailed statement describing the nature and purpose of the proposed test well
  - o an **aquifer test work plan** to include the required information as specified in ***Appendix A: Aquifer Test Workplan: Design and Operation, section 1. Initiation, Duration, and Pumping Rate*** of the District's Guidelines for Hydrogeologic Reports and Aquifer Tests. The pump test authorized under this Test Well Permit may be completed for evaluation purposes of determining well viability, yield and capacity of the test well. If an applicant wishes to use this pump test (and the subsequent Hydrogeological Report) to support a future well drilling and/or production application, then the aquifer test work plan and alternative well design must be coordinated with and approved by the District.
  - o a map clearly indicating the location of the test well,
  - o a proposed well design schematic with specifications to include: the total depth, borehole diameter, casing diameter and depth, annular seal interval(s), annular sealing method, surface completion specifications, and any other pertinent well construction information,
  - o a water well closure plan or a declaration that the applicant will 1) comply with well plugging and capping guidelines set forth in these Rules, and 2) report well closures as required in Rule 3-5
  - o any other information required by the District that is pertinent to the evaluation of the application.
  
- II. The well shall be constructed in accordance with the District's Well Constructions Standards. Well construction should be addressed or depicted in the well design schematic. If the applicant wishes to request an alternative completion, the applicant will need to provide a detail description of that procedure and the alternative well completion in the well design schematic. The well should be constructed to comply with TDLR standards (shall not be open at the surface or allow water zones of different chemical quality to commingle) at a minimum. Constructing the well to minimum TDLR standards is only applicable if the well is to be used temporarily and plugged within 180 days after the evaluation is complete; if the applicant wants the option of keeping the well for any other use type it must be completed to current District Well Construction standards (must submit well drilling/modification application).
  - o Drillers must submit the State of Texas Well Report to the District office within 60 days of the date of completion.
  - o Under this permit the applicant is responsible for insuring that the well casing of a test well be capped in accordance with District Rule 3-5.2 and TDLR Rule 76.104.
    - shall place a cover or cap which is not easily removed over the boring or casing if the well is intended to be left unattended without a pump installed.
  
- III. Any pump test data, water level data, water quality data, geophysical logs, or any other data pertinent to the well and aquifer shall be submitted to the District office within 60 days of the date of completion.
  
- IV. The test wells shall be equipped with a meter in accordance with District Rule 3-2.1. During the aquifer test accurate records of the metered pumpage shall be kept and submitted to the District upon completion of the test.
  
- V. Authorization for groundwater production under this permit will expire upon completion of the aquifer test or 180days after the approval date, whichever occurs first.
  
- VI. If the well is not permitted or is considered abandoned, then the following requirements apply. Within six months of the expiration the permit holder shall pursue one of the following:
  - o Plug the test well in accordance with District rules
    - Plugging report shall be submitted to District office within 30 days of plugging
  - o Make application for an individual production permit
  - o Reapply for authorization to conduct further aquifer evaluation
  - o With concurrence from the District, make application to reclassify the well as a Scientific Monitor Well.