



## CERTIFICATION OF GROUNDWATER AVAILABILITY FOR PLATTING FORM

### **Title 30 Texas Administrative Code (TAC), Section 230.4 (30 TAC 230.4)**

**Use of this form:** The municipal authority pursuant to Texas Local Government Code (TLGC) 212.0101, or a county authority pursuant to TLGC 232.0032, the plat applicant and the Texas licensed professional engineer or Texas licensed professional geoscientist must use this form based on the requirements of 30 TAC Chapter 230 to certify that adequate groundwater is available under the land to be subdivided (if the source of water for the subdivision is groundwater under the subdivision) for any subdivision subject to platting under TLGC 212.004 and 232.001. The form and 30 TAC 230 do not replace state requirements applicable to public drinking water supply systems or the authority of counties or groundwater conservations districts under either Texas Water Code (TWC) 35.019 or TWC Chapter 36.

For any questions regarding this form, contact the TCEQ Water Availability Division, Groundwater Planning and Assessment Team at [gpat@tceq.texas.gov](mailto:gpat@tceq.texas.gov) or by phone at **(512) 239-4600**.



## CERTIFICATION OF GROUNDWATER AVAILABILITY FOR PLATTING FORM

### **Administrative Information, 30 TAC 230.4**

1. Name of Proposed Subdivision:
2. Any Previous Name that Identifies the Tract of Land
  
3. Property Owner's Name(s):  
Address:  
Phone:  
Email:
4. Plat Applicant's Name:  
Address:  
Phone:  
Email:
5. Licensed Professional Engineer or Geoscientist's Information  
Name:  
Address:  
Phone:  
Email:  
Certificate / License Number:
6. Location and Property Description of Proposed Subdivision:
  
7. Tax Assessor Parcel Number(s).  
Book:  
Map:  
Parcel:

### **Proposed Subdivision Information, 30 TAC 230.5**

8. Purpose of Proposed Subdivision (single family/multi-family residential, non-residential, commercial, other):  
If "Other," explain:

9. Size of Proposed Subdivision (in acres):
10. Number of Proposed Lots:
11. Average Size of Proposed Lots (in acres):
12. Anticipated Method of Water Distribution (check YES for all that apply):
  - Expansion of Existing Public Water Supply System (PWS): YES NO
  - New (Proposed) PWS: YES NO
  - Individual Water Wells to Serve Individual Lots: YES NO
  - Combination of Methods: YES (Describe methods below) NO
13. Additional Information, if required by the municipal or county authority:

**Note:** If PWS is anticipated, a written application for service for existing water providers with a one-half mile radius must be attached to this form (30 TAC 230.5(f)). Indicate “YES” if the above-mentioned application for service for existing water providers is attached, or N/A if not applicable: YES N/A

**Projected Water Demand Estimate, 30 TAC 230.6**

14. Residential Water Demand estimate at Full Build Out (includes both single family and multi-family residential):
  - a. Number of Proposed Housing Units (single and multi-family):
  - b. Average Number of Persons Per Housing Unit:
  - c. Volume of Water Required Per Person Per Day (gallons):
  - d. Water Demand Per Housing Unit Per Year (acre-feet):
  - e. Total Expected Residential Water Demand Per Year (acre-feet):
15. Non-Residential Water Demand Estimate at Full Build-Out (acre-feet/year):
  - a. Type(s) of Non-Residential Water Use(s):
  
  - b. Water Demand Per Type Per Year (acre-feet):
16. Total Water Demand Estimate at Full Build-Out (acre-feet/year):
17. Sources of Information Used for Demand Estimates:



**Determination of Groundwater Quality, 30 TAC 230.9**

27. Have water quality samples been collected as required by 30 TAC 230.9?  
YES NO
28. Has a water quality analysis been performed which meets the requirements of 30 TAC 230.9? YES NO

**Determination of Groundwater Availability, 30 TAC 230.10**

29. Have the aquifer parameters required by 30 TAC 230.10(c) been determined?  
YES NO
30. If YES, provide the aquifer parameters as determined, including units as applicable. Or, check here if a. through i. below are not applicable: N/A
- a. Rate of yield and drawdown:
  - b. Specific capacity:
  - c. Efficiency of the pumped well:
  - d. Transmissivity:
  - e. Coefficient of storage:
  - f. Hydraulic conductivity:
  - g. Were any recharge or barrier boundaries detected? YES NO  
If YES, please describe:
  - h. Thickness of aquifer(s):
31. Have time-drawdown determinations been calculated as required under 30 TAC 230.10(d)(1)? YES NO
32. Have distance-drawdown determinations been calculated as required under 30 TAC 230.10(d)(2)? YES NO
33. Have well interference determinations been made as required under 30 TAC 230.10(d)(3)? YES NO
34. Has the water quality analysis required under Section 230.9 of this title been compared to primary and secondary public drinking water standards as required under 30 TAC 230.10(e)? YES NO
35. Does the concentration of any analyzed constituent exceed the standards?  
YES NO  
If YES, list the constituent(s) and concentration(s) that exceed standards:

**Groundwater Availability and Usability Statements, 30 TAC 230.11(a) and (b)**

Complete the following by filling in the blanks or answering YES/NO as applicable:

- 36. Drawdown of the aquifer at the pumped well(s) is estimated to be \_\_\_\_\_ feet over a ten-year period and \_\_\_\_\_ feet over a 30-year period.
- 37. Drawdown of the aquifer at the property boundary is estimated to be \_\_\_\_\_ feet over a ten-year period and \_\_\_\_\_ feet over a 30-year period.
- 38. The distance from the pumped well(s) to the outer edges of the cone(s)-of-depression is estimated to be \_\_\_\_\_ feet over a ten-year period and \_\_\_\_\_ feet over a 30-year period.
- 39. The recommended minimum spacing limit between wells is \_\_\_\_\_ feet with a recommended well yield of \_\_\_\_\_ gallons per minute per well.
- 40. Available groundwater is of sufficient quality to meet the intended use of the platted subdivision.                      YES                      NO
- 41. The groundwater availability determination does not consider the following conditions (identify any assumptions or uncertainties that are inherent in the groundwater availability determination):

**Certification of Groundwater Availability, 30 TAC 230.11(c)**

***Must be signed by a Texas Licensed Professional Engineer or a Texas Licensed Professional Geoscientist.***

42. I, \_\_\_\_\_, a \_\_\_\_\_, a  
\_\_\_\_\_ Texas Licensed Professional Engineer,  
\_\_\_\_\_ Texas Licensed Professional Geoscientist,  
license number \_\_\_\_\_, based on best professional judgment, current  
groundwater conditions, and the information developed and presented in this  
form, certify that adequate groundwater is available from the underlying  
aquifer(s) to supply the anticipated use of the proposed subdivision.

Signature \_\_\_\_\_

Date \_\_\_\_\_ (affix seal)