

**FIGURE 30 TAC §230.3(c)**  
**CERTIFICATION OF GROUNDWATER AVAILABILITY FOR PLATTING FORM**

*Use of this form: If required by a municipal authority pursuant to §212.0101, Local Government Code or a county authority pursuant to §232.0031, Texas Local Government Code, the plat applicant and the Texas licensed professional engineer or Texas licensed professional geoscientist shall use this form based upon the requirements of Title 30, Texas Administrative Code, 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 §§212.004 and 232.001, Texas Local Government Code. The form and Chapter 230 do not replace state requirements applicable to public drinking water supply systems or the authority of counties or groundwater conservation districts under either §35.019 or Chapter 36 of the Texas Water Code.*

**Administrative Information (30 TAC, §230.4).**

1. Name of Proposed Subdivision: River Ranch
2. Any Previous Name Which Identifies the Tract of Land: No
3. Property Owner's Name(s): Gibson River Partners, LLC  
Address: 2431 Wooldridge Drive, Austin, TX 78703  
Phone: \_\_\_\_\_  
Fax: \_\_\_\_\_
4. Plat Applicant's Name: Gibson River Partners, LLC  
Address: 2431 Wooldridge Drive, Austin, TX 78703  
Phone: \_\_\_\_\_  
Fax: \_\_\_\_\_
5. Licensed Professional Engineer or Geoscientist  
Name: Calvin C. Chapman, P. E.  
Address: P. O. Box 1305, Boerne, TX 78006  
Phone: (830) 816-3311  
Fax: (830) 816-1753  
Certificate Number: 81268, Texas
6. Location and Property Description of Proposed Subdivision: "BEING 776.35 acres of land, more or less, situated in Blanco County, Texas, described by metes and bounds on Exhibit "A", attached hereto and made a part hereof."
7. Tax Assessor Parcel Number(s).  
Book: \_\_\_\_\_  
Map: B3  
Parcel: 81048 and 81044

**Proposed Subdivision Information (30 TAC, §230.5).**

8. Purpose of Proposed Subdivision (single family/multi-family residential, non-residential, commercial): \_\_\_\_\_  
Single Family Residential
9. Size of Proposed Subdivision (acres): 200
10. Number of Proposed Lots: 33
11. Average Size of Proposed Lots (acres): 6
12. Anticipated Method of Water Distribution.

Expansion of Existing Public Water Supply System:	Yes	<input type="checkbox"/>	No
New (Proposed) Public Water Supply System:	Yes	<input type="checkbox"/>	No
Individual Water Wells to Serve Individual Lots:	<input checked="" type="checkbox"/>	Yes	No
Combination of Methods:	Yes	<input type="checkbox"/>	No
Description (if needed):	<u>Not applicable</u>		
13. Additional Information (if required by the municipal or county authority): None

*Note: If public water supply system is anticipated, written application for service to existing water providers within a ½-mile radius should be attached to this form [30 TAC §230.5(f)].*

**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).  
 Number of Proposed Housing Units (single and multi-family): 33  
 Average Number of Persons per Housing Unit: 3.5  
 Gallons of Water Required per Person per Day: 100  
 Water Demand per Housing Unit per year (acre feet/year): 0.39  
 Total Expected Residential Water Demand per Year (acre feet/year): 12.94
15. Non-residential Water Demand Estimate at Full Build Out.  
 Type(s) of Non-residential Water Uses: None  
 Water Demand per Type per Year (acre feet/year): Not applicable
16. Total Water Demand Estimate at Full Build Out (acre feet/year): 12.94
17. Sources of Information Used for Demand Estimates: TWDB

**General Groundwater Resource Information (30 TAC, §230.7).**

18. Identify and describe, using Texas Water Development Board names, the aquifer(s) which underlies the proposed subdivision: Ellenburger Aquifer

*Note: Users may refer to Aquifers of Texas (Texas Water Development Board Report 345, 1995) to obtain general information pertaining to the state's aquifers. This reference is available via the Internet ([www.twdb.state.tx.us](http://www.twdb.state.tx.us)).*

**Obtaining Site-Specific Groundwater Data (30 TAC, §230.8).**

19. Have all known existing, abandoned, and inoperative wells within the proposed subdivision been located, identified, and shown on the plat as required under §230.8(b)? ☒ Yes ☐ No
20. Were the geologic and groundwater resource factors identified under §230.7(b) considered in planning and designing the aquifer test required under §230.8(c)? ☒ Yes ☐ No
21. Have test and observation wells been located, drilled, logged, completed, developed, and shown on the plat as required by §230.8(c)(1 through 4)? ☒ Yes ☐ No
22. Have all reasonable precautions been taken to ensure that contaminants do not reach the subsurface environment and that undesirable groundwater has been confined to the zone(s) of origin (§230.8(c)(5))? ☒ Yes ☐ No
23. Has an aquifer test been conducted which meets the requirements of §§230.8(c)(1 and 6)? ☒ Yes ☐ No
24. Were existing wells or previous aquifer test data used? Yes ☒ No
25. If yes, did they meet the requirements of §230.8(c)(7)? Yes ☐ No
26. Were additional observation wells or aquifer testing utilized? Yes ☒ No

*Note: If expansion of an existing public water supply system or a new public water supply system is the anticipated method of water distribution for the proposed subdivision, site-specific groundwater data shall be developed under the requirements of 30 TAC, Chapter 290, Subchapter D (related to Rules and Regulations for Public Water Systems) and the applicable information and correspondence developed in meeting those requirements shall be attached to this form pursuant to §230.8(a).*

**Determination of Groundwater Quality (30 TAC, §230.9).**

27. Have water quality samples been collected as required by §230.9? ☒ Yes ☐ No
28. Has a water quality analysis been performed which meets the requirements of §230.9? ☒ Yes ☐ No

**Determination of Groundwater Availability (30 TAC, §230.10).**

29. Have the aquifer parameters required by §230.10(c) been determined? ☒ Yes ☐ No
30. If so, provide the aquifer parameters as determined.
- Rate of yield and drawdown: 24 gpm at 35 ft drawdown
- Specific capacity: 0.69 gpm/ft
- Efficiency of the pumped well: 0.98
- Transmissivity: 922 ft<sup>2</sup>/day
- Coefficient of storage:  $1.25 \times 10^{-4}$
- Hydraulic conductivity: 8.536 ft/day
- Were any recharge or barrier boundaries detected? ☐ Yes ☒ No
- If yes, please describe: Not applicable
- Thickness of aquifer(s): 120 feet
31. Have time-drawdown determinations been calculated as required under §230.10(d)(1) ☒ Yes ☐ No
32. Have distance-drawdown determinations been calculated as required under §230.10(d)(2)? ☒ Yes ☐ No
33. Have well interference determinations been made as required under §230.10(d)(3)? ☒ Yes ☐ No ☐ NA
34. Has the anticipated method of water delivery, the annual groundwater demand estimates at full build out, and geologic and groundwater information been taken into account in making these determinations? ☒ Yes ☐ No
35. Has the water quality analysis required under §230.9 been compared to primary and secondary public drinking water standards as required under §230.10(e)? ☒ Yes ☐ No
- Does the concentration of any analyzed constituent exceed the standards? ☐ Yes ☒ No
- If yes, please list the constituent(s) and concentration measure(s) which exceed standards: Not applicable

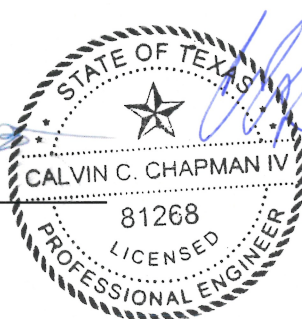
**Groundwater Availability and Usability Statements (30 TAC, §230.11(a) and (b)).**

36. Drawdown of the aquifer at the pumped well(s) is estimated to be 3.28 feet over a 10-year period and 3.42 feet over a 30-year period.
37. Drawdown of the aquifer at the property boundary is estimated to be 1.88 feet over a 10-year period and 2.03 feet over a 30-year period.
38. The distance from the pumped well(s) to the outer edges of the cone(s)-of-depression (<2 feet) is estimated to be 115 feet over a 10-year period and 240 feet over a 30-year period.
39. The recommended minimum spacing limit between wells is 200 feet with a recommended well yield of 0.243 gallons per minute per well.
40. Available groundwater ☒ is / is not (circle one) of sufficient quality to meet the intended use of the platted subdivision.
41. The groundwater availability determination does not consider the following conditions (identify any assumptions or uncertainties that are inherent in the groundwater availability determination): Not applicable

**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, Calvin C. Chapman IV, Texas Licensed Professional Engineer, certificate number 81268, based on best professional judgement, 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: 6/26/2023