

*Texas Water Development Board
Regional Water Planning*

*Region F Regional Water
Planning Group*

Date

«FirstName» «LastName»
«Company»
«Address1»
«Address2»
«City», «State» «PostalCode»

Subject: Population and Municipal Water Demand Projections for Regional Water Planning

Dear «FirstName»:

We are currently updating the Region F Water Plan and are soliciting input on your entity's population projections, water demands, and current supplies. This information is crucial to developing a water plan that accurately reflects the water needs of our region. The Region F Water Planning Group has selected a team of consultants led by Freese and Nichols, Inc., to help with the development of a regional water plan.

As instructed by the legislature, the Texas Water Development Board (TWDB) has formulated regulations governing the preparation of regional plans. These regulations require that regional water plans be based on projections of population and water use developed by the TWDB unless the regional water planning group can provide evidence that those projections should be adjusted. With this letter, we are attaching a survey seeking information to determine whether the TWDB projections are appropriate for your entity.

In contrast to previous regional water plans, which defined population by city limit boundaries, ***the new TWDB population projections are defined by RETAIL water service area boundaries, which may not match the boundaries for your city.*** Please keep this in mind when reviewing the projections and comparing them to other sources of population data. For your reference, we have included a map showing the utility boundary that was used by the TWDB to prepare the projections.

Demands represent dry year conditions and are shown in acre-feet per year (1 MGD=1,121 ac-ft./yr.). Currently, demands are based on the per capita water use values from the 2016 Region F Water Plan (in most, but not all cases, this was 2011 per capita use). If you have experienced higher per capita use than was used in the 2016 Plan, please provide recent water use and population data so that this may be adjusted for use in the 2021 Region F Water Plan.

Along with the survey, we are providing a data summary page that shows the TWDB developed population and water demand projections and the current water sources and recommended water management strategies listed for your entity in the 2016 Region F Water Plan.

If you have any questions or want additional information, please call Simone Kiel of Freese and Nichols at (817) 735-7446. Thank you for taking time to review these projections.

A handwritten signature in black ink that reads "John W. Grant".

Yours very truly,
John Grant
Chairman

Region F Water Planning Group
Municipal Water Use Survey of [Retail Utilities/ City]
Please Return by August 25, 2017

Utility Name: _____ Contact Person: _____

Telephone Number: _____ FAX: _____

Email Address: _____

Mailing Address: _____

POPULATION:

1. Table 1 shows the population for your entity. Are the TWDB projections of population for your entity reasonable? If not, what changes would you suggest?

2. If the projections are unreasonable, please indicate the following reason:

- 2010 permanent population served is different from 2010 baseline
- Population growth rate over past 5 years is substantially different than the 2010 – 2020 growth rate in the draft projections
- Updated utility or public water system service area (or near-term anticipated changes)
- Limitation on growth due to build out
- Other – Please explain

3. If you had any of the conditions described above, please describe the changes and provide supporting data. Data support may include:

- Evidence regarding population growth rates over the last 5 years
- Maps of changed service areas
- Historical residential connections from 2000 to present
- Other data the entity deems important

4. Does the retail service boundary shown on the attached map seem reasonable? If not, please provide us an updated service area map.

5. Are there any other reasons that the population projections might not be reasonable for your entity? Please explain.

WATER DEMAND PROJECTIONS

6. Table 1 shows the projected water demands for your entity. Are the TWDB projections of water use for your entity reasonable? If not, what changes would you suggest?

What is the basis for your suggested changes?

7. Table 2 shows the expected water sales to other entities from the 2016 Region F Water Plan (this may include industries, users outside your city limits, wholesale customers). Are these sales reasonable for your entity? If not, please list your customers and water sale amounts.

8. Do you expect to begin providing water to any additional entities?

If so, please list those entities you plan to supply, the amount of water you plan to supply, and the expiration date of the water supply contract, if applicable.

WATER SUPPLIES

9. Table 3 shows the sources of water for your entity. Is this information correct?

If you have other sources of water that are not listed above, please list those here.

If your entity receives water through a contract with another water provider, what is the contractual limit (if any)?

Is there an option to increase the contractual amount?

What is the expiration date(s) of your contract(s)?

10. Is your entity having any problems with either water quantity or water quality?

If so, please describe the problems.

11. Table 4 shows the recommended water management strategies in the 2016 Region F Plan. Are these strategies still valid? If not, what changes are needed?

Is your entity planning to develop additional source(s) of water supply in the future?

If so, please provide quantity in each source and location of each source.

12. Does your entity currently use or sell treated wastewater for reuse?

If so, how much on an annual basis and for what purposes?

13. Does your entity have plans to begin using or to increase the amount of reuse applied in the future?

If so, what increases do you expect to see and what is the expected timing of these increases?

For what purposes will the reuse water be used?

DROUGHT PLANNING

14. Are you planning on updating your Water Conservation and Drought Contingency Plan before May 2019 (next statutory deadline)? If yes, can you please provide a copy to the Region F Water Planning Group when the plan is completed?

15. Does your entity have an emergency water connection in case your supplies are compromised (infrastructure failures, extreme drought, or other factors)?

If yes, please describe. If not, is there a reasonable alternate source that you could use in an emergency?

Please return by August 25, 2017, to:

Simone Kiel

Freese and Nichols, Inc.
4055 International Plaza Suite 200
Fort Worth, TX 76109-4895
Phone: (817) 735-7446
FAX: (817) 735-7492

If you would prefer, FNI can take your survey responses over the phone. However, any requested changes will require supporting documentation.

Thank you very much.

CITY OF COAHOMA

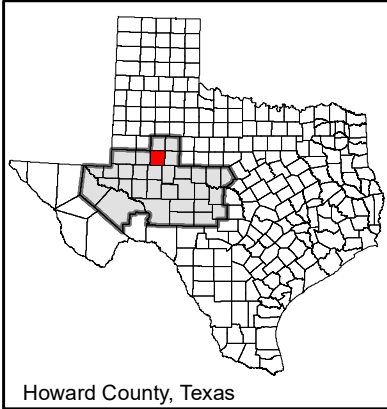
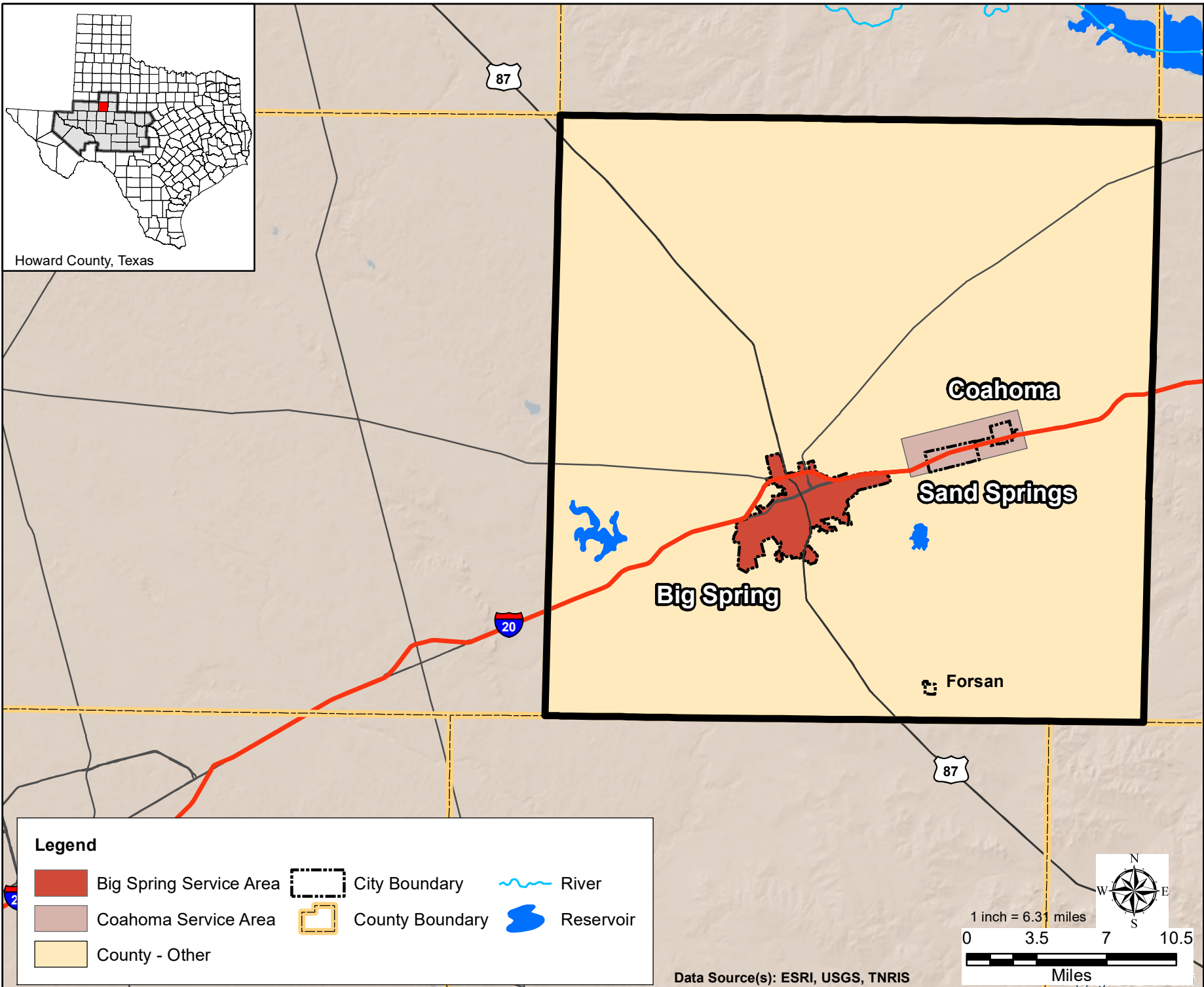
| Table 1 - TWDB 2021 Draft Projections | | | | | | | |
|---------------------------------------|-------|-------|-------|-------|-------|-------|-------|
| | 2010 | 2020 | 2030 | 2040 | 2050 | 2060 | 2070 |
| Population | 2,348 | 2,503 | 2,612 | 2,658 | 2,658 | 2,658 | 2,658 |
| Per Capita Use (GPCD) | 198* | 188 | 184 | 181 | 181 | 181 | 181 |
| Demand (ACF/Y) | 183 | 526 | 534 | 537 | 537 | 536 | 536 |
| Demand (MGD) | 0.16 | 0.47 | 0.48 | 0.48 | 0.48 | 0.48 | 0.48 |

*2011 GPCD use, which is the basis for the TWDB projections

| Table 2 - Projected Sales | | | | | | | |
|---------------------------|--------|---------------------------------|------|------|------|------|------|
| Customer Name | County | 2016 Regional Plan Sales (AF/Y) | | | | | |
| | | 2020 | 2030 | 2040 | 2050 | 2060 | 2070 |
| - | - | - | - | - | - | - | - |

| Table 3 - 2016 Water Plan Current Supplies | | | | | | | | |
|--|--------|--------------------|-------------------------------------|------|------|------|------|------|
| Source Name | County | Limit/ Capacity | 2016 Region F Planned Supply (AF/Y) | | | | | |
| | | | 2020 | 2030 | 2040 | 2050 | 2060 | 2070 |
| Sales from City of Big Spring | Howard | - | 183 | 186 | 188 | 187 | 187 | 187 |

| Table 4 - 2016 Water Plan Recommended Strategies | | | | | | | | |
|--|--------|--------|--|------|------|------|------|------|
| Strategy Name | Source | County | 2016 Region F Planned Strategy Supply (AF/Y) | | | | | |
| | | | 2020 | 2030 | 2040 | 2050 | 2060 | 2070 |
| Municipal Conservation | - | - | 5 | 5 | 5 | 5 | 5 | 5 |



| | |
|---------------------------|---|
| PROJECT NO. | 0401219 |
| DATE CREATED | Date: 7/17/2017 |
| DATUM & COORDINATE SYSTEM | NAD83 State Plane (North Texas Central) |
| FILE NAME | Name: HowardCo |
| PREPARED BY | DM |

2021 Region F Water Plan
Howard County, Texas

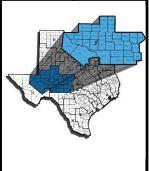


FIGURE
1

Legend

| | | |
|-------------------------|-----------------|-----------|
| Big Spring Service Area | City Boundary | River |
| Coahoma Service Area | County Boundary | Reservoir |
| County - Other | | |

1 inch = 6.31 miles

0 3.5 7 10.5

Miles

Data Source(s): ESRI, USGS, TNRS