

2016 Region C Water Plan - Population and Water Demand

Introduction

Welcome to the Region C Water Planning Group survey of population, water demand and water supply. Thank you for taking the time to provide input to this important water planning process. The following questions will collect information from you regarding your population and water demand projections and water supply strategies. We need your input on this data by April 12, 2013 to ensure that the 2016 Region C Water Plan (and the subsequent 2017 State Water Plan) includes adequate water supplies to meet the projected water demands for your entity. If you haven't done so already, please review the new population and water demand projections prepared by the Texas Water Development Board (TWDB), which were provided to you as an attachment in the original email that also contained a link to this survey.

If your entity was included as a Water User Group (WUG) in the 2011 Region C Water Plan, then you should also review the previous population, water demand and water supply projections from the 2011 water plan – this information was also provided to you as an attachment in the original email that contained a link to this survey. (If this is the first time your entity has been included as a WUG, then there was no information regarding your specific entity in the 2011 Region C Water Plan, and therefore you did not receive a second attachment.)

The following questions are broken down into the following sections:

Section 1 – General Information

Section 2 – Population and Water Demand

Section 3 – Water Supplies

Section 4 – Conservation, Reuse and Drought Response

If you have any questions, or need help completing this survey, please contact Gil Barnett at (817) 662-1215 or by email at gbarnett@cpyi.com.

Helpful tips for completing this survey:

1. The answers that you provide on each page are saved once you select [Next] at the bottom of the page. If you select [Previous] while in the middle of answering questions on a particular page, then you will lose the information that you typed in on that page. Information provided on previous pages will still be retained.
2. If you want to change a response on a previous page without losing any answers that you've typed on a current page, then select [Next] (to save your current answers), and then select [Previous] until you get back to the desired page.
3. You may exit the survey at any time by closing the web page or browser, and may come back to finish the survey later. If you do so, the survey will remember your previous answers - provided that you selected [Next]. Therefore, if you need to stop in the middle of the survey, you can finish it later without having to re-enter all of the information again from the beginning.
4. If you start entering information from one computer, but then try to switch to a new computer to finish the survey, then it may not remember your previous answers. This is because it creates a new "entry" from the new computer.
5. Once you select [Finish] at the end of the survey, you cannot go back and edit your responses, nor can you access the survey any longer through the link. If you want to change a response after selecting [Finish], please contact Gil Barnett at (817) 354-0189 or gbarnett@cpyi.com.

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Section 1 - General Information

The following questions in this section request general contact information for you and the entity you represent.

CAUTION! At any time, if you want to go back and adjust your answers to a previous question, please use the "Prev" button at the bottom of whatever current page you are on. Do not use your browser's "Back" button.

* 1. Please enter the name of the entity for which you are providing input:

* 2. Please enter your contact information:

Name:	<input type="text"/>
Title (Mayor, Director, Superintendent, etc.):	<input type="text"/>
Address:	<input type="text"/>
Address 2:	<input type="text"/>
City/Town:	<input type="text"/>
State:	<input type="text"/>
ZIP:	<input type="text"/>
Salutation (Mr., Ms., etc.):	<input type="text"/>
Email Address:	<input type="text"/>
Phone Number:	<input type="text"/>

3. As the contact person for your entity, you have been placed on the mailing list for the Region C newsletter. If there is someone else that you would like to also receive the Region C newsletter, you can enter their information now.

Name:	<input type="text"/>
Organization:	<input type="text"/>
Address:	<input type="text"/>
Address 2:	<input type="text"/>
City/Town:	<input type="text"/>
State:	<input type="text"/>
ZIP:	<input type="text"/>
Email Address:	<input type="text"/>
Phone Number:	<input type="text"/>

If you would like to add multiple people to the distribution list for the Region C newsletter, please email Colby Walton at colby@cookseypr.com with the additional contact information.

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Section 2a - Population and Water Demand (Cities and Towns)

For this section, please review the new population and water demand projections prepared by the Texas Water Development Board (TWDB) for the years 2020-2070. This information was provided to you as a PDF attachment in the original email that contained a link to this survey. (If your city/town was included as a WUG in the 2011 Region C Water Plan, you may also want to review the previous projections from that plan. This information was also provided to you as a PDF attachment in the original email.)

***6. Do you agree with the new population projections for your city (or town)? Please note that these projections are only for your city (or town). If you provide water to other customers outside of your city (or town) limits, then that population is included in projections elsewhere. (If you disagree, you will have the opportunity to recommend your own population projections.)**

- The new population projections for 2020-2070 are [reasonably accurate].
- The new population projections for 2020-2070 are [much too low].
- The new population projections for 2020-2070 are [slightly too low].
- The new population projections for 2020-2070 are [slightly too high].
- The new population projections for 2020-2070 are [much too high].

Additional Comments:

7. If you have an estimate of your ultimate build-out population, please enter your build-out population and the approximate year that you expect to reach build-out

Ultimate build-out population:

Anticipated year of build-out:

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***8. Do you agree with the new water demand projections for your city (or town)? Please note that these demands are in acre-feet per year (1 MGD = 1120 acre-feet per year) and are dry-year demands with no conservation included. Please also note that these projections are only for your city (or town). If you provide water to other customers outside of your city (or town) limits, then that population is included in projections elsewhere. (If you disagree, you will have the opportunity to recommend your own water demand projections.)**

- The new water demand projections for 2020-2070 are [reasonably accurate].
- The new water demand projections for 2020-2070 are [much too low].
- The new water demand projections for 2020-2070 are [slightly too low].
- The new water demand projections for 2020-2070 are [slightly too high].
- The new water demand projections for 2020-2070 are [much too high].

Additional comments:

***9. If you disagreed with the new TWDB projections (for either population or water demand), would you like to recommend new population and/or water demand projections?**

- Yes
- No
- N/A, I agreed with the new TWDB projections

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Section 2a - Population and Water Demand (Cities and Towns) - continued

You reached this part of Section 2a because you indicated that you wanted to provide new recommendations for population and/or water demand projections. Please answer the following questions. You may skip questions for which you do not wish to provide any information (for example, if you agreed with the TWDB population projections, but disagreed with the TWDB water demand projections, then you can skip the population-related questions and just provide new recommendations for water demand.)

10. Please enter your recommended population projections for all decades:

2020:	<input type="text"/>
2030:	<input type="text"/>
2040:	<input type="text"/>
2050:	<input type="text"/>
2060:	<input type="text"/>
2070:	<input type="text"/>

11. What is the basis for your recommended changes to the population projections?

12. Please enter your recommended water demand projections for all decades. (Water demand projections should be annual average water demands, not peak water demands.) Please enter only numerical values for each decade (without commas), and then indicate the units of measurement in the last box.

2020:	<input type="text"/>
2030:	<input type="text"/>
2040:	<input type="text"/>
2050:	<input type="text"/>
2060:	<input type="text"/>
2070:	<input type="text"/>

Unit of measurement (Acre-Feet per Year, MGD, MG per year, GPD, Thousand Gallons per Day, Thousand Gallons per Year, etc.)

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Section 2a - Population and Water Demand (Cities and Towns) - continued

***14. Customers can be classified as either “retail” or “wholesale”. When water suppliers provide water directly to the consumer (such as a person, family, or business), they are considered “retail” customers. When a water supplier provides water to another water supplier (such as to another city, town, water supply corporation, water utility district, etc.) then those are considered “wholesale” customers. Are your customers “retail”, “wholesale” or do you have some of both?**

- Retail Only
- Wholesale Only
- Both Retail and Wholesale

Additional Comments:

If you indicated that you supply water ONLY on a wholesale basis (and therefore do not have any retail customers), then please skip to the bottom of this page and select "Next". Otherwise, please answer the remaining questions on this page.

15. Does your "retail" service area extend beyond your city (or town) boundary? (If your "retail" service area generally reflects your city/town boundary, then please skip to the bottom of this page and select "Next". If your "retail" service area extends beyond your city/town boundary, then the following questions will seek information about the population and water demand of your "retail" customers served outside of your city/town boundary.)

- My service area generally reflects my city (or town) boundary
- My service area extends beyond my city (or town) boundary

16. Please enter your recommended population projections for this service area that is outside of your city (or town) boundary:

2020:	<input type="text"/>
2030:	<input type="text"/>
2040:	<input type="text"/>
2050:	<input type="text"/>
2060:	<input type="text"/>
2070:	<input type="text"/>

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Section 2c - Population and Water Demand (Wholesale Water Customers)

The questions in this section seek information about any wholesale water customers that you may have - such as another city/town or another water supplier. If you do not have any wholesale water customers, please select "None" on the next question, and then skip to the next section.

*31. How many wholesale water customers do you provide water to?

Comments:

If you indicated that you do not have any wholesale water customers, then please skip to the bottom of this page and select "Next".

32. Please provide the following information for the first wholesale water customer. If you provide water to multiple wholesale water customers, then please use the following questions to enter the information for each additional wholesale customer. Space is provided for entering information for up to five wholesale water customers. Once you have entered information for each of your wholesale water customers, then please skip to the next section. If you have more than five wholesale water customers, then we will contact you for additional information.

Customer Name:	<input type="text"/>
Contractual Amount of Water to be Supplied (Annual Average):	<input type="text"/>
Unit of Measurement:	<input type="text"/>
Contractual Amount of Water to be Supplied (Peak Rate):	<input type="text"/>
Unit of Measurement:	<input type="text"/>
Pumping Capacity:	<input type="text"/>
Unit of Measurement:	<input type="text"/>
Pipeline Capacity:	<input type="text"/>
Unit of Measurement:	<input type="text"/>
Additional Comments:	<input type="text"/>

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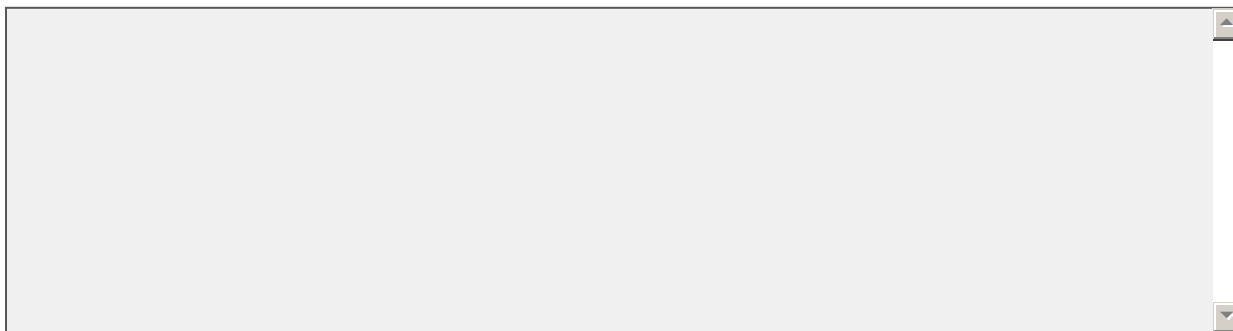
Section 3a - Water Supplies

For this section, please review your entity's current water supply sources and the proposed water management strategies from the 2011 Region C Plan (one of the PDF attachments to the original email). If the current water supply sources or water management strategy list requires changes or updates, the following series of questions will provide an opportunity for you to make updates.

***40. Do you agree with the list of currently available water supply sources? (If this is the first time your entity has been included as a WUG, then there is no information regarding your specific entity in the 2011 Region C Water Plan.)**

- Yes
- No
- My entity was not included in the 2011 Region C Water Plan

41. If you selected "No", what changes are needed?



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Section 3c - Water Supplies (Existing Surface Water Sources)

The following questions in this section are related to your existing permitted surface water supplies, if any. (Existing groundwater supplies and water purchased from other water suppliers are covered elsewhere in this survey.) If you do not have any permitted surface water supplies, then please select "None" on the next question and then skip to the next section.

*48. How many permitted Water Rights do you have?

If you indicated that you do not have any permits for surface water supplies, then please skip to the bottom of this page and select "Next".

49. For each permitted Water Right, please provide as much of the following information as possible. If you have multiple permits, then please use the following questions to enter the information for each additional permitted Water Right. Space is provided for entering information for up to five permits. Once you have entered information for each of your permits, then please skip to the next section. If you have more than five permits, then we will contact you for additional information.

Name of water source:

Permit No.:

Permitted annual diversion amount:

Units (Ac-Ft/Yr, MGD, etc.):

Permitted peak rate diversion:

Units (Ac-Ft/Yr, MGD, etc.):

Pump Station Capacity:

Units (MGD, GPD, GPM, etc.):

Pipeline Capacity:

Units (MGD, GPD, GPM, etc.):

Additional Comments:

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Section 3d - Water Supplies (Existing Groundwater Supplies)

The following questions in this section seek information about your existing groundwater supplies, if any. (Permitted surface water supplies and water purchased from other water suppliers are covered elsewhere in this survey.) If you do not own/operate any groundwater wells, then please select "No" to the next question and then skip to the next section.

*54. Do you own and/or operate any groundwater wells?

- Yes
- No

Comments:

If you indicated that you do not own and/or operate any groundwater wells, then please skip to the bottom of this page and select "Next".

55. How many groundwater wells do you own and/or operate? (Please include any groundwater wells that are connected to your system - or could be easily connected - even if they are not currently being used/operated.)

Comments:

56. Please provide the following information for the first groundwater well. If you own and/or operate multiple wells, then please use the following questions to enter the information for each additional well. Space is provided for entering information for up to ten wells. Once you have entered information for each of your wells, then please skip to the next section. If you have more than ten wells, then we will contact you for additional information.

Well Name/ID:

Rated (Maximum) Capacity:

Unit of Measurement:

Aquifer:

Comments:

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Section 3e - Water Supplies (Recommended Water Management Strategies)

For this section, please review your entity's recommended water management strategies from the 2011 Region C Plan (one of the PDF attachments to the original email). If the list of recommended water management strategies requires changes or updates, the following series of questions will provide an opportunity for you to make updates.

***66. Do you agree with the recommended Water Management Strategies listed in the 2011 Region C Water Plan? Please note that if this is the first time your entity has been included as a WUG, then there is no information regarding your specific entity in the 2011 Region C Water Plan.**

(If you select "No", then please complete the remaining questions in this section. If you select "Yes" or if your entity was not included in the 2011 Region C Water Plan, then please answer this question and then skip to the bottom of this page and select "Next".)

- Yes
- No
- My entity was not included in the 2011 Region C Water Plan

67. Are there any strategies listed in the 2011 Region C Water Plan that you are NOT considering any longer?

- Yes
- No

If you selected "Yes", please list the strategies that you are no longer considering.

68. Have you already implemented any of the recommended water management strategies from the 2011 Region C Water Plan?

- Yes
- No

If you selected "Yes", please enter which of the recommended strategies you have implemented.

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Section 3f - Water Supplies (New Water Management Strategies)

Existing WUGs (Entity was listed in the 2011 Region C Water Plan):

If you would like to add any new water management strategies as additional future water supply alternatives, then please answer the following questions. If you do not want to add any additional water management strategies, then please select "No" on the next question and skip to the next section.

New WUGs (Entity was not included in the 2011 Region C Water Plan):

If you do not have enough currently available water supplies to meet your future water demand projections, then additional Water Management Strategies must be recommended that allow you to meet your future water demand projections.

Please use this section to list any future water supply strategies that you will use to meet your water demand projections in the future. (Examples might include purchasing additional water from a current supplier, purchasing additional water from another water supplier, installing additional groundwater wells, connecting to an existing reservoir, or developing a water reuse project.) If you do not want to add any additional water management strategies, then please select "No" on the next question and skip to the next section.

***72. Do you have any additional Water Management Strategies that you would like to add as alternatives to the recommended strategies?**

Yes

No

73. How many additional Water Management Strategies would you like to add?

Comments:

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87. Please indicate whether you have implemented any of the following conservation and/or drought management strategies. Please check all boxes that apply. (For your reference, "conservation" strategies are implemented or enforced year round, and "drought" strategies are implemented or enforced in stages as a result of drought conditions.)

	Have implemented as a conservation strategy in the past	Have implemented as a current conservation strategy	Would implement as a conservation strategy in the future	Have implemented as a drought strategy at some time during the last 5 years	Would implement as a drought strategy in the future
Public & School Education	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Increasing Water Prices	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Water System Audit, Leak Detection and Repair, and Pressure Control	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Water Conservation Pricing Structure	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Water Waste Prohibition	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Time-of-Day Watering Restrictions	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Days per Week Watering Restrictions	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Coin-Operated Clothes Washer Rebate	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Residential Customer Water Audit	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Industrial, Commercial and Institutional General Rebate	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Industrial, Commercial and Institutional Water Audit, Water Waste Reduction, and Site-Specific Conservation Program	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Reuse of Treated Wastewater Effluent	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Other	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

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Survey Complete

Thank you for taking the time to respond to this survey. Your input will be used to help shape the 2016 Region C Water Plan (and the subsequent 2017 State Water Plan).

If you have any further questions, or would like to discuss any items in more detail, please contact Gil Barnett at (817) 662-1215, or by email at gbarnett@cpyi.com.