

REGION H

Water Planning Group

MEETING MATERIALS

August 2, 2023

Common Region H Terms and Conversion Factors

List of Abbreviations

CRU	Collective Reporting Unit
DCP	Drought Contingency Plan
DFC	Desired Future Condition
DOR	Drought of Record
EA	Executive Administrator
EPA	Environmental Protection Agency
FWSD	Fresh Water Supply District
GAM	Groundwater Availability Model
GCD	Groundwater Conservation District
GMA	Groundwater Management Area
GPCD	Gallons Per Capita Per Day
GRP	Groundwater Reduction Plan
IFR	Infrastructure Finance Report
IPP	Initially Prepared Plan
MAG	Modeled Available Groundwater
MPC	Master Planned Community
MUD	Municipal Utility District
MWP	Major Water Provider
PDSI	Palmer Drought Severity Index
PWS	Public Water Supply
RFIG	Regional Flood Planning Group
RHWPG	Region H Water Planning Group
ROR	Run-of-River
RWP	Regional Water Plan
RWPA	Regional Water Planning Area
RWPG	Regional Water Planning Group
SWIFT	State Water Implementation Fund for Texas
SWP	State Water Plan
TAC	Texas Administrative Code
TCEQ	Texas Commission on Environmental Quality
TPWD	Texas Parks and Wildlife Department
TWC	Texas Water Code
TWDB	Texas Water Development Board
UCM	Unified Costing Model
URS	Unique Reservoir Site
USS	Unique Stream Segment
WAM	Water Availability Model
WCID	Water Control and Improvement District
WCP	Water Conservation Plan
WMS	Water Management Strategy
WRAP	Water Rights Analysis Package
WUD	Water Utility Database
WUG	Water User Group
WWP	Wholesale Water Provider

Water Measurements

1 acre-foot (AF) = 43,560 cubic feet = 325,851 gallons

1 acre-foot per year (ac-ft/yr) = 325,851 gallons per year = 893 gallons per day

1 gallon per minute (gpm) = 1,440 gallons per day = 1.6 ac-ft/yr

1 million gallons per day (mgd) = 1,000,000 gallons per day = 1,120 ac-ft/yr

**Region H Water Planning Group
10:00 AM Wednesday
August 2, 2023
San Jacinto River Authority Office
1577 Dam Site Rd, Conroe, Texas 77304**

NOTICE TO PUBLIC

Notice of Minor Amendment to the 2021 Region H Regional Water Plan

The Region H Water Planning Group (RHWPG) will consider adoption of a minor amendment to the 2021 Region H Water Plan (RWP) as included in item 5 of the attached agenda. The purpose of the amendment is to incorporate the planned Lower Neches Valley Authority Devers Pump Station Relocation into the RWP. The proposed amendment has been determined by the Texas Water Development Board to constitute a minor amendment and will be discussed and acted upon during a public meeting of the RHWPG. An electronic copy of the proposed amendment to the Regional Water Plan is available on the Region H website at <http://www.regionhwater.org/>. Oral comments on the proposed amendment may be received at the public meeting. Written comments from the public must be submitted to info@regionhwater.org or the address below prior to the August 2, 2023 RHWPG meeting for inclusion with the submitted amendment package. Comments can be submitted to the San Jacinto River Authority as follows:

**Region H Water Planning Group
c/o San Jacinto River Authority
Administrative Agent for Region H
P. O. Box 329
Conroe, Texas 77305-0329**

For additional information, please contact:

- Region H, c/o Philip Taucer, Region H Consultant, 10497 Town and Country Way, Suite 500, Houston, TX 77024, telephone 713-600-6835, and email info@regionhwater.org.

AGENDA

1. Call to order.
2. Introductions.
3. Review and approve minutes of the May 3, 2023 meeting.
4. **Receive public comments on specific issues related to agenda items 5 through 7.** (Public comments limited to 3 minutes per speaker)
5. Special Items and Informational Presentations
 - a. Receive presentation on and discuss a proposal to amend the 2021 Region H Regional Water Plan (RWP) related to the Lower Neches Valley Authority (LNVA) Devers Pump Station Relocation.
 - b. Consider taking action to amend the 2021 Region H Regional Water Plan to incorporate the proposed LNVA Devers Pump Station Relocation.
6. Plan Development and Administration
 - a. Receive update from Consultant Team and Population Demands Committee regarding recommended revisions to draft TWDB projections for the 2026 Region H RWP and consider approving submittal to TWDB.
 - b. Receive update from the Brazos Alluvium Committee.
 - c. Receive update from Consultant Team and Groundwater Supply Committee regarding Modeled Available Groundwater in Region H Water Planning Area.
 - d. Receive update from Consultant Team and Groundwater Supply Committee regarding evaluation of existing groundwater supplies in portions of aquifers deemed non-relevant by the Joint Planning process.
 - e. Discuss upcoming technical committee activities.
7. General Updates and Outreach
 - a. Receive update regarding schedule and milestones for the development of the 2026 Region H RWP.
 - b. Receive update from liaisons to other planning groups.
 - c. Receive report regarding recent and upcoming activities related to communications and outreach efforts on behalf of the RHWPG.
 - d. Agency communications and general information.
8. **Receive public comments.** (Public comments limited to 3 minutes per speaker)
9. Next Meeting: October 4, 2023.
10. Adjourn.

Persons with disabilities who plan to attend this meeting and would like to request auxiliary aids or services are requested to contact Sonia Zamudio at (936) 588-3111 at least three business days prior to the meeting so that appropriate arrangements can be made.

Agenda Item 3

Review and approve minutes of the May 3, 2023 meeting.

**REGION H WATER PLANNING GROUP
MINUTES OF REGULAR MEETING
MAY 3, 2023**

MEMBERS PRESENT:

David Bailey, John Bartos, Arthur Bredehoft, Brad Brunett, Carl Burch, Jun Chang, Mark Evans, Ken Kramer, Marvin Marcell, Mike O'Connell, Byron Ryder, Loyd Smith, Michael Turco, and Brandon Wade (Alisa Max was present following appointment to the Regional Planning Group).

ALTERNATES PRESENT: Samantha Reiter for Gary Ashmore, Ekaterina Fitos for Yvonne Forrest, Matthew Barrett for Jace Houston, Jason Gerrard for Glenn Lord, and Jim Sims for Kevin Ward.

MEMBERS ABSENT: W.R. Baker, James Comin, Caleb Cooper, Robert Istre, Ivan Langford, and Danny Pierce.

1. CALL TO ORDER

The meeting was called to order at 10:02 a.m.

2. INTRODUCTIONS

Mr. Evans introduced Heather Rose, Texas Water Development Board's contract manager for Region H. He stated that the Department of Agriculture provided a letter naming Kristin Lambert as their representative with Manuel Martinez as alternate.

3. REVIEW AND APPROVE MINUTES OF THE FEBRUARY 1, 2023 MEETING.

Mr. Bredehoft made a motion to approve the minutes of February 1, 2023, with a correction to identify Mr. James Comin and Mr. Ivan Langford as not present at the February 1, 2023, Region H Water Planning meeting. The motion was seconded by Mr. Marcell and carried unanimously.

4. RECEIVE PUBLIC COMMENTS ON SPECIFIC ISSUES RELATED TO AGENDA ITEMS 5 THROUGH 7.

There were no comments.

5. PLANNING GROUP MEMBERSHIP

a. RECEIVE NOMINATING COMMITTEE REPORT AND CONSIDER TAKING ACTION TO APPROVE MEMBERS TO FILL VACANCIES ON THE REGION H WATER PLANNING GROUP (RHWPG)

Mr. Chang stated that the Nominating Committee met on May 3, 2023, to discuss nominations to fill the water utilities vacancy. Mr. Chang stated that the Nominating Committee recommends Alisa Max to fill the water utilities vacancy. Mr. Wade made a motion to accept the Nominating Committee's recommendation to appoint Ms. Alisa Max to the Region H Water Planning Group representing water utilities. The motion was seconded by Ken Kramer and carried with 18 ayes and 1 nay (Mike O'Connell).

6. PLAN DEVELOPMENT AND ADMINISTRATION

a. RECEIVE UPDATE FROM CONSULTANT TEAM AND NON-POPULATION DEMANDS COMMITTEE REGARDING RECOMMENDED REVISIONS TO DRAFT TEXAS WATER DEVELOPMENT BOARD (TWDB) PROJECTIONS FOR THE 2026 REGION H REGIONAL WATER PLAN (RWP) AND CONSIDER APPROVING SUBMITTAL TO TWDB.

Mr. Taucer provided information related to the various recommendations from the Non-Population Demands Committee regarding the draft Texas Water Development Board projections for the 2026 Region H Water Plan. He provided the committee's recommendations related to irrigation, manufacturing, mining, and steam electric power. Mr. Taucer stated that the proposed recommendations for this cycle are similar to the last cycle's projections. Mr. Ken Kramer asked that the Texas Water Development Board take into consideration agricultural use. Discussion ensued. Mr. Bredehoft made a motion to approve the submittal to TWDB along with Mr. Kramer's comments. The motion was seconded by Mr. Marcell and carried unanimously.

b. RECEIVE UPDATE FROM CONSULTANT TEAM AND POPULATION DEMANDS COMMITTEE REGARDING RECOMMENDED REVISIONS TO DRAFT TWDB PROJECTIONS FOR THE 2026 REGION H RWP AND CONSIDER APPROVING SUBMITTAL TO TWDB

Mr. Taucer provided information related to the various recommendations from the Population Demands Committee regarding the draft TWDB projections for the 2026 Region H Regional Water Plan. Mr. Marcell provided a brief history of the methodology used over the last several years to project population water demand. He stated that the committee recommended using the Joint Regulatory Plan Review (JRPR) populations where available, utilize TWDB projections in remaining counties, and for select counties, use 0.5 migration projection. Discussion ensued. Mr. Kramer made a motion to approve the Population Demands Committee's recommendations to submit said recommendations to TWDB. The motion was seconded by Mr. Bredehoft and carried unanimously.

c. RECEIVE PRESENTATION ON AND DISCUSS THE REGION H WUG SURVEY

Mr. Taucer explained that the WUG survey is a regular part of the planning process. He stated that the information obtained is utilized in projections, identifying existing supplies and infrastructure, interconnect facilities, future projects, and conservation and drought contingencies.

d. RECEIVE UPDATE FROM CONSULTANT TEAM REGARDING IDENTIFICATION OF MAJOR WATER PROVIDERS (MWPS) FOR REGION H AND CONSIDER TAKING ACTION DIRECTING THE CONSULTANT TEAM TO SUBMIT A LIST OF RECOMMENDED MWPS TO THE TWDB

Mr. Taucer stated that TWDB incorporated the Major Water Provider concept in the previous cycle. He stated that TWDB gave each Regional Water Planning Group the latitude in determining entities of key significance in the region's supplies. He explained that last cycle, the planning group recommended designating any entity that had more than 25,000 acre-feet per year of anticipated current or future supply to itself or others, with the Population Demands Committee recommending an additional criterion of at least 10,000 acre-feet per year of anticipated current or future supply to recipients outside of the entity's retail service area. Mr. Taucer then provided a list of the potential MWPS meeting these criteria for Region H. Mr. Bredehoff made a motion to direct the consultant team to submit a list of recommended MWPs to the TWDB. The motion was seconded by Mr. Bartos and carried unanimously.

e. RECEIVE REPORT FROM CONSULTANT TEAM REGARDING UPCOMING GROUNDWATER SUPPLY ANALYSES AND CONSIDER TAKING ACTION TO AUTHORIZE CONSULTANT TEAM AND GROUNDWATER SUPPLY COMMITTEE TO COORDINATE WITH GROUNDWATER REGULATORY ENTITIES TO DEVELOP MAG PEAK FACTORS FOR REGION H AND SUBMIT AN ASSOCIATED REQUEST TO TWDB.

Mr. Taucer provided information related to the groundwater supply analyses. He explained that MAG peak factors allow the Regional Water Plan to better reflect situations where groundwater conservation districts allow temporary production in excess of Modeled Available Groundwater. The MAG peak factors do not change the MAG or any regulatory entity's regulatory approach and are related specifically to the Regional Water Plan. He explained that MAG peak factors must be studied by any Planning Group requesting their use, approved by each of the applicable groundwater conservation districts and groundwater management areas, and by TWDB. Mr. Taucer stated that this process was utilized by the Region H Water Planning Group for the 2021 Regional Water Plan. Mr. Turco made a motion to authorize the consultant team and Groundwater Supply Committee to coordinate with groundwater regulatory entities to develop MAG peak factors for Region H and submit an associated request to TWDB. The motion was seconded by Mr. Chang and carried unanimously.

- f. RECEIVE UPDATE FROM CONSULTANT TEAM REGARDING UPCOMING SURFACE WATER SUPPLY ANALYSES AND CONSIDER TAKING ACTION TO AUTHORIZE THE CONSULTANT TEAM AND SURFACE WATER SUPPLY COMMITTEE TO DEVELOP AND SUBMIT TO THE TWDB A REQUEST FOR POTENTIAL EXCEPTIONS TO SURFACE WATER MODELING REQUIREMENTS.**

Mr. Taucer explained that surface water availability in the regional plan is required to be examined through TCEQ's Water Availability Model ("WAM") Run 3 which includes a very specific set of assumptions that looks at existing permanent rights in the priority system, historical hydrology, full authorized diversions, and no/limited return flows. He stated that TWDB specified utilizing WAM Run 3 due to its cautious assumptions. Mr. Taucer stated that TWDB requires any group utilizing any other model or a modified WAM to request an exception to the surface water modeling requirements. He stated that Region H is requesting the use of Region G's modified model as well as information and model elements from Region C. Mr. Sims made a motion to authorize the consultant team and Surface Water Supply Committee to develop and submit to the TWDB a request for potential exceptions to Surface Water Modeling requirements. The motion was seconded by Mr. Bredehoft and carried unanimously.

7. GENERAL UPDATES AND OUTREACH

- a. RECEIVE UPDATE REGARDING SCHEDULE AND MILESTONES FOR THE DEVELOPMENT OF THE 2026 REGION H RWP.**

Mr. Taucer stated that the next four to six months will be busy for various committees with a Technical Memorandum due to TWDB in March of 2024.

- b. RECEIVE UPDATE FROM LIAISONS TO OTHER PLANNING GROUPS.**

Mr. Wade stated that he was invited by Region G to give a presentation on the Brazos Alluvium. Ms. Rose stated that Mr. Evans was elected as Chair of the Interregional Planning Council.

- c. RECEIVE REPORT REGARDING RECENT AND UPCOMING ACTIVITIES RELATED TO COMMUNICATIONS AND OUTREACH EFFORTS ON BEHALF OF THE RHWPG.**

Mr. Taucer had no information at this time.

d. AGENCY COMMUNICATIONS AND GENERAL INFORMATION.

Ms. Rose provided information related to administrative logistics. Mr. Bredehoft stated that infrastructure surcharges at the retail level will be the topic of discussion in The Woodlands in the near future.

8. RECEIVE PUBLIC COMMENTS.

Mr. Sarkis provided comments related to agenda item 6a.

9. NEXT MEETING:

It was announced that the next Region H Water Planning meeting is scheduled for July 5, 2023.

10. ADJOURN.

Without objection, the meeting was adjourned at 11:32 a.m.

Agenda Item 5a

Receive presentation on and discuss a proposal to amend the 2021 Region H Regional Water Plan (RWP) related to the Lower Neches Valley Authority (LNVA) Devers Pump Station Relocation.

Agenda Item 5a Proposed Amendment

- Purpose
 - Expanded pumping capacity in the LNVA Devers system
 - Support current and future needs of customers

- Development
 - Adjacent to current facility
 - Existing rights
 - Limited disturbance

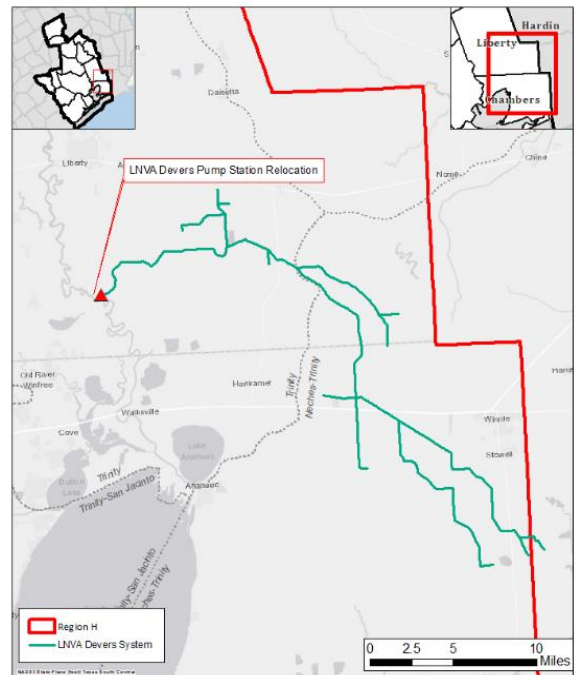
- Components
 - Pump station
 - Intake
 - Minor appurtenances



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Agenda Item 5a Proposed Amendment

Project Profile	
Project Name:	LNVA Devers Pump Station Relocation
Project ID:	OTHR-005
Project Type:	Existing Surface Water Source
Potential Supply Quantity:	88,704 ac-ft/yr (79 MGD)
Implementation Decade:	2030 (2025)
Development Timeline:	1 year
Project Capital Cost:	\$17,570,019 (Sept. 2018)
Unit Water Cost:	\$17 per ac-ft (during loan period) \$4 per ac-ft (after loan period)



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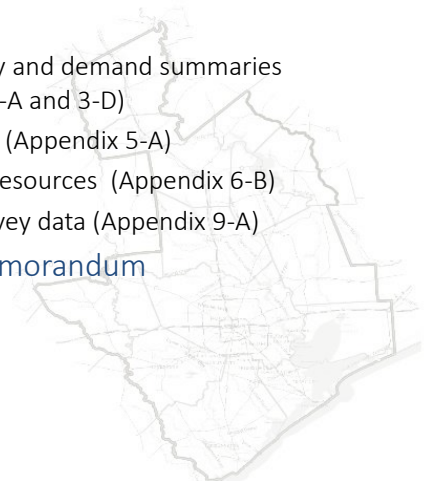
Agenda Item 5a Proposed Amendment

Volume 1

- Tables
 - Potentially Feasible WMS & Projects
 - Key Project Overview
 - Key Recommended WMS and Projects
 - WMS and Project Relationship
 - Regionalization summary
- Figures
 - Existing supply and allocation
 - WMS allocation
 - Project and WMS count
 - Project cost
- Text - Minor adjustments for above topics

Volume 2

- Tables
 - MWP supply and demand summaries (Appendix 2-A and 3-D)
 - WMS tables (Appendix 5-A)
 - Impacts to resources (Appendix 6-B)
 - Finance survey data (Appendix 9-A)
- Technical Memorandum
- DB22 data



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Agenda Item 5a Proposed Amendment

11/2022

- RWPG approves for major/minor determination

06/2023

- Draft packet submitted to TWDB

07/2023

- TWDB confirms minor amendment status

07/2023

- Public comment period

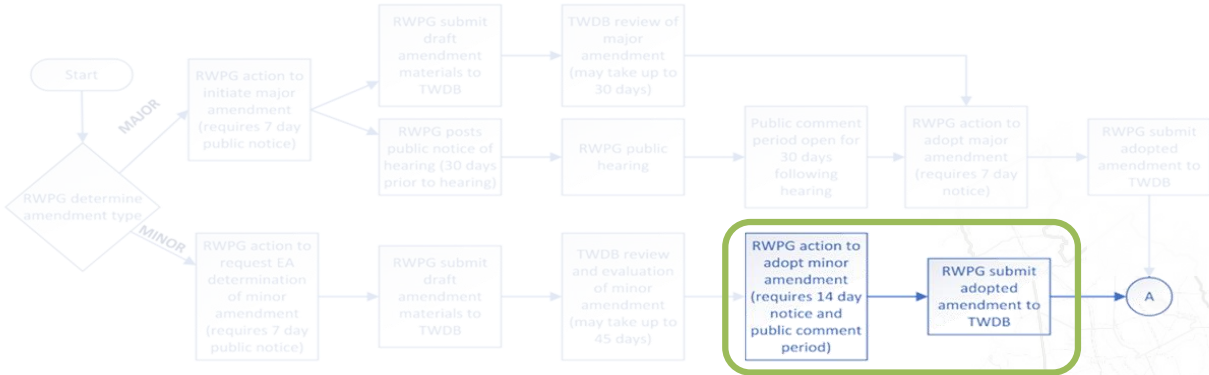
Today

- Review comments and consider adoption

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RWPG Amendment Process for RWP

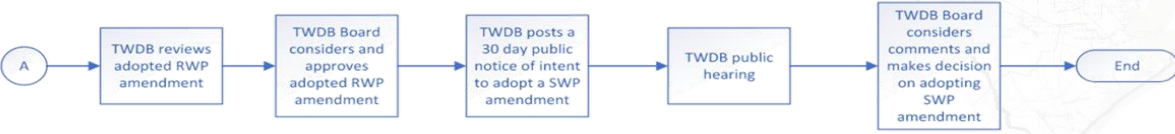
Major amendment process may take approximately three (3) months and includes two (2) RWPG meetings and one (1) hearing. Minor amendment process may take approximately 2.5 months and includes two (2) RWPG meetings.



Regional and State Water Plan Amendment Process

TWDB Amendment Process for SWP

TWDB amendment process may take approximately three (3) months, subject to the timing of TWDB Board meetings.



Adapted from TWDB RWP Amendment Flowchart

**Agenda Item 5a
Proposed Amendment**

Written Public Comments

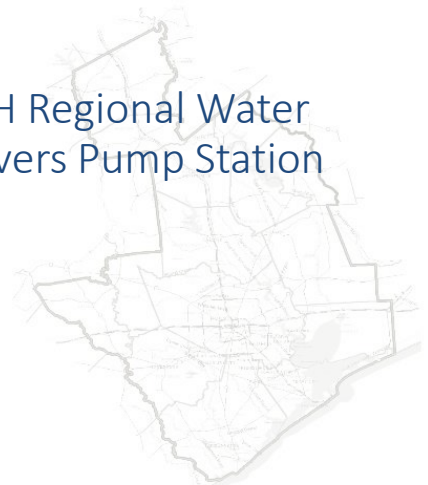
Agenda Item 5b

Consider taking action to amend the 2021 Region H Regional Water Plan to incorporate the proposed LNVA Devers Pump Station Relocation.

Agenda Item 5b Amendment Approval

Action:

Approve amendment of the 2021 Region H Regional Water Plan to incorporate the proposed LNVA Devers Pump Station Relocation.



Agenda Item 6a

Receive update from Consultant Team and Population Demands Committee regarding recommended revisions to draft TWDB projections for the 2026 Region H RWP and consider approving submittal to TWDB.

Agenda Item 6a Population Water Demand

JRPR

- Austin
- Brazoria
- Chambers
- Fort Bend
- Galveston
- Harris
- Liberty
- Montgomery
- Waller

0.5 Migration

- Leon
- Madison
- Trinity

1.0 Migration

- Polk
- San Jacinto
- Walker

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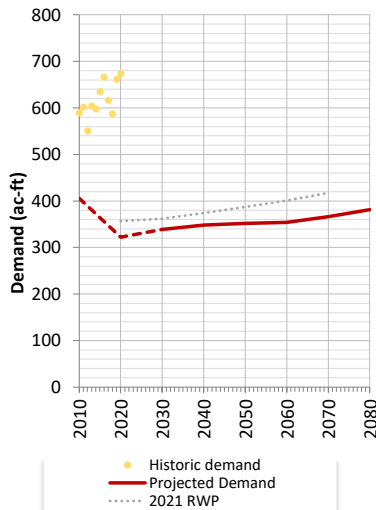
Agenda Item 6a Population Water Demand

- Since last meeting
 - Detailed review of per-capita demands
 - WUG survey
 - WUG outreach
 - Revision requests
- Population Demands Committee reviewed July 2023

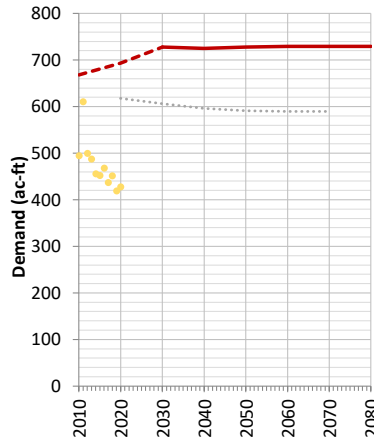


Agenda Item 6a Population Water Demand

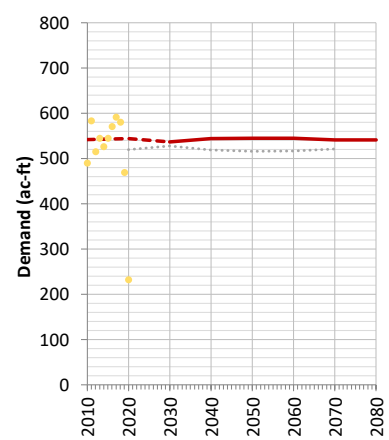
Too Low



Too High



Judgement Call



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Agenda Item 6a Population Water Demand

- Potential adjustments to ≈25% of WUGS

Contributing factors

- Differences in recalculated historical data
- Uncertainties in WUS responses
- Rapid population changes
- Short records for newer WUGs

All WUGs
(383)

County-
Other
(15)

Named WUGs
(368)

No change
(15)

No change
(254)

Same
reference year,
updated value
(64)

Adjust
reference year
(50)

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Agenda Item 6a Population Water Demand

- WUG Survey
 - 366 WUGs & 54 responses (14%)
 - ≈ 67% of est. 2030 named WUG population
- 7 requests for adjustment



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Agenda Item 6a Population Water Demand

Capture missed
population or
service area

- Manvel
- Montgomery County MUD 139
- Montgomery County WCID 1
- North Zulch MUD
- Southern Montgomery County MUD

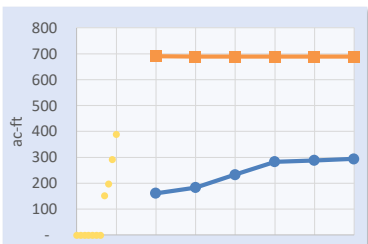
Adjust to more
representative
per-capita

- Central Harris County Regional Water Authority
- North Fort Bend Water Authority

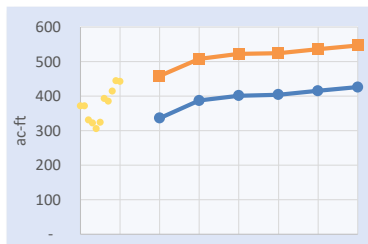
Balancing the
equation

- County-Other, Madison
- County-Other, Montgomery

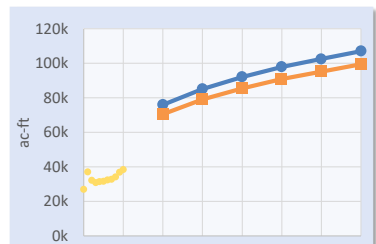
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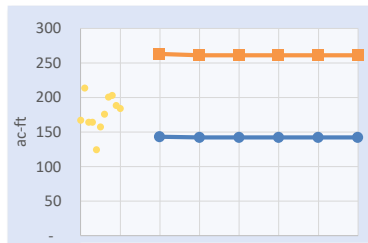
Montgomery County MUD 139



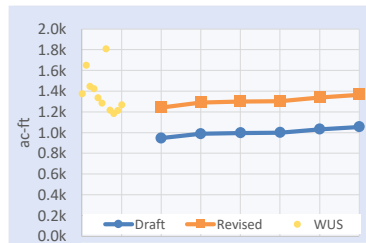
Montgomery County WCID 1



NFBWA



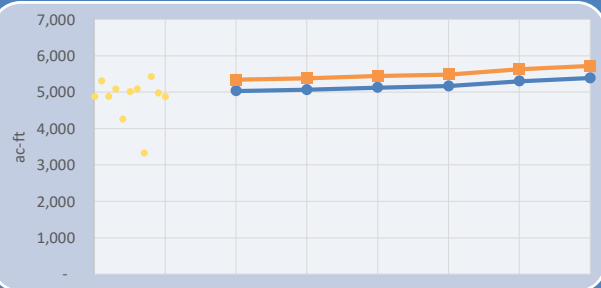
North Zulch MUD



Southern Montgomery County MUD

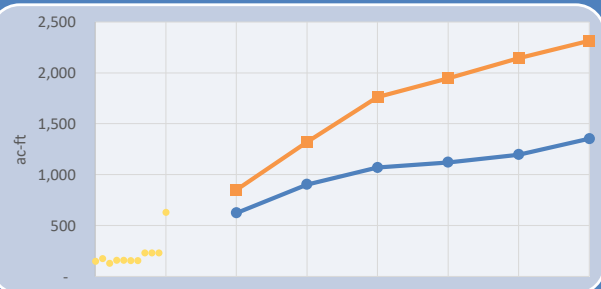
CHCRWA

- Draft baseline may slightly under-project
- Reference year 2018 for baseline

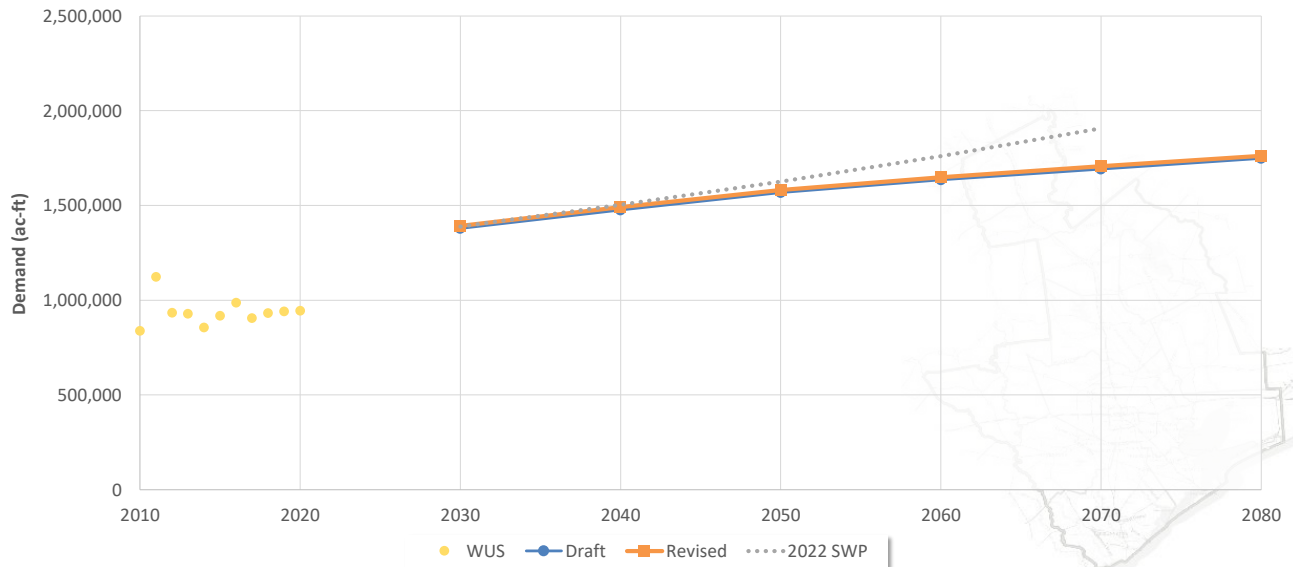


Manvel

- Growth in service area not fully captured in draft
- Adjust for updated boundary



Agenda Item 6a Population Water Demand



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Agenda Item 6a Population Water Demand

Action:

Approve revisions to draft population and per-capita water demand projections and authorize Consultant Team and Population Demands Committee to coordinate with TWDB to finalize adjustments.

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Summary of Potential Region H Per-Capita Demand Rate Adjustments

WUG	TWDB Historic Data Trends for 2010-2020			Max Historic GPCD and Ref. Baseline Year	Draft Baseline GPCD and Ref. Baseline Year	Proposed GPCD and Ref. Baseline Year	Recommendation and Basis
	Population	Water Use	Per-Capita Use				
Alvin				119 (2011)	155 (2011)	111 (2011)	Adjust the baseline to reference the updated TWDB estimate for year 2011 per-capita use. The prior estimated year 2011 per-capita used in the 2021 RWP overestimates demand relative to recent historic usage, including peak demand years.
Bacilff MUD				89 (2018)	67 (2011)	75 (2011)	Adjust the baseline to reference the updated TWDB estimate for year 2011 per-capita use. The draft baseline underestimates demand relative to recent historic usage. Note that some recent years display higher per-capita than 2011, but may be artifacts of uncertainty in population.
Baybrook MUD 1				141 (2011)	256 (2011)	133 (2011)	Adjust the baseline to reference the updated TWDB estimate for year 2011 per-capita use. The prior estimated year 2011 per-capita used in the 2021 RWP overestimates demand relative to recent historic usage, including peak demand years.
Blaketree MUD 1 of Montgomery County				1689 (2017)	1565 (2018)	335 (2020)	Adjust the baseline to reference the updated TWDB estimate for year 2020 per-capita use. The draft baseline is extremely high, and likely reflects land development use for a newly-developing area.
Blue Bell Manor Utility				111 (2011)	201 (2011)	103 (2011)	Adjust the baseline to reference the updated TWDB estimate for year 2011 per-capita use. The prior estimated year 2011 per-capita used in the 2021 RWP overestimates demand relative to recent historic usage, including peak demand years.
Bolivar Peninsula SUD				456 (2020)	61 (2011)	375 (2011)	Adjust the baseline to reference the updated TWDB estimate for year 2011 per-capita use. The prior estimated year 2011 per-capita used in the 2021 RWP underestimates demand relative to recent historic usage. Note that some recent years display higher per-capita than 2011, but may be artifacts of uncertainty in population.
Brazoria				121 (2018)	92 (2011)	118 (2017)	Adjust the baseline to reference the updated TWDB estimate for year 2017 per-capita use. The year 2011 underestimates demand relative to recent historic usage. Separate analysis suggests 2011 value should be higher.
Brazoria County FWSD 1				174 (2016)	83 (2018)	116 (2014)	Adjust the baseline to reference the updated TWDB estimate for year 2014 per-capita use. Note that some recent years display higher per-capita than 2013, but may be artifacts of uncertainty in population or demand data.
Brookshire MWD				228 (2020)	103 (2011)	135 (2016)	Adjust the baseline to reference the updated TWDB estimate for year 2016 per-capita use. The year 2011 underestimates demand relative to recent historic usage. Separate analysis suggests 2011 value should be higher.
Buffalo				203 (2015)	176 (2011)	199 (2015)	Adjust the baseline to reference the updated TWDB estimate for year 2015 per-capita use. The year 2011 underestimates demand relative to recent historic usage.
Cape Royale UD				379 (2011)	232 (2011)	266 (2012)	Adjust the baseline to reference the updated TWDB estimate for year 2012 per-capita use. The estimated per-capita from the 2021 RWP appears to have been low. In this case 2012 appears to be a reasonable baseline, as the 2011 value appears very high relative to historic demands.
Central Harris County Regional Water Authority				92 (2018)	86 (2011)	91 (2018)	Adjust the reference year to 2018 to reflect more recent usage patterns. This WUG has displayed relatively stable per-capita water use over time.
Clear Brook City MUD				98 (2010)	84 (2011)	91 (2010)	Adjust the baseline to reference the updated TWDB estimate for year 2010 per-capita use. The year 2011 underestimates demand relative to recent historic usage.

Summary of Potential Region H Per-Capita Demand Rate Adjustments

WUG	TWDB Historic Data Trends for 2010-2020			Max Historic GPCD and Ref. Year	Draft Baseline GPCD and Ref. Year	Proposed GPCD and Ref. Year	Recommendation and Basis
	Population	Water Use	Per-Capita Use				
Clute				150 (2011)	116 (2011)	142 (2011)	Adjust the baseline to reference the updated TWDB estimate for year 2011 per-capita use. The prior estimated year 2011 per-capita used in the 2021 RWP underestimates demand relative to recent historic usage.
Concord-Robbins WSC				146 (2020)	68 (2011)	124 (2011)	Adjust the baseline to reference the updated TWDB estimate for year 2011 per-capita use. The prior estimated year 2011 per-capita used in the 2021 RWP underestimates demand relative to recent historic usage. Note that some recent years display higher per-capita than 2011, but may be artifacts of uncertainty in population.
Country Terrace Water				83 (2010)	86 (2010)	112 (2011)	Adjust the baseline to reference the updated year 2011 per-capita use utilizing WUS use and JPRR estimated population. The draft baseline underestimates demand relative to recent historic usage. Note that some recent years display higher per-capita than 2011, but may be artifacts of uncertainty in population.
Crosby MUD				229 (2015)	108 (2011)	161 (2011)	Adjust the baseline to reference the updated TWDB estimate for year 2011 per-capita use. The draft baseline underestimates demand relative to recent historic usage. Note that some recent years display higher per-capita than 2011, but may be artifacts of uncertainty in population.
Deer Park				148 (2014)	113 (2011)	142 (2014)	Adjust the baseline to reference the updated TWDB estimate for year 2014 per-capita use. The year 2011 underestimates demand relative to recent historic usage.
Douglas Utility				134 (2019)	82 (2011)	123 (2015)	Adjust the baseline to reference the updated TWDB estimate for year 2015 per-capita use. The year 2011 underestimates demand relative to recent historic usage. Note that some recent years display higher per-capita than 2015, but may be artifacts of uncertainty in population.
El Dorado UD				99 (2010)	83 (2010)	116 (2011)	Adjust baseline to reference recalculated year 2011 value of 125 gpcpd using WUS usage and JPRR estimated population.
Forest Hills MUD				84 (2020)	99 (2011)	84 (2020)	Adjust the baseline to reference the updated TWDB estimate for year 2020 per-capita use. The estimated per-capita values from the 2021 RWP appear to have been higher than historical.
Fort Bend County FWSD 2				77 (2011)	80 (2011)	70 (2011)	Adjust the baseline to reference the updated TWDB estimate for year 2011 per-capita use. The prior estimated year 2011 per-capita used in the 2021 RWP appears to overestimate demand relative to recent historic usage.
Fort Bend County MUD 131				145 (2011)	76 (2018)	145 (2011)	Adjust the baseline to reference the updated TWDB estimate for year 2011 per-capita use. The year 2018 underestimates demand relative to recent historic usage.
Fort Bend County MUD 149				334 (2017)	91 (2011)	218 (2015)	Adjust the baseline to reference the updated TWDB estimate for year 2015 per-capita use, the second-highest value. The full dataset shows high variability in per-capita and total demand, possibly due to uncertainty in rapid population growth.
Fort Bend County MUD 25				179 (2011)	116 (2011)	173 (2011)	Adjust the baseline to reference the updated TWDB estimate for year 2011 per-capita use. The prior estimated year 2011 per-capita used in the 2021 RWP underestimates demand relative to recent historic usage.
Fort Bend County MUD 47				135 (2020)	100 (2011)	115 (2013)	Adjust the baseline to reference the updated TWDB estimate for year 2013 per-capita use. The draft baseline underestimates demand relative to recent historic usage. Note that some recent years display higher per-capita than 2013, but may be artifacts of uncertainty in population or demand data.

Summary of Potential Region H Per-Capita Demand Rate Adjustments

WUG	TWDB Historic Data Trends for 2010-2020			Max Historic GPCD and Ref. Year	Draft Baseline GPCD and Ref. Year	Proposed Baseline GPCD and Ref. Year	Recommendation and Basis
	Population	Water Use	Per-Capita Use				
Fort Bend County MUD 5				148 (2011)	73 (2014)	85 (2014)	Adjust the baseline to reference the updated TWDB estimate for year 2014 per-capita use. The prior estimated year 2014 per-capita used in the 2021 RWP underestimates demand relative to recent historic usage.
Fort Bend County WCID 2				228 (2011)	175 (2011)	222 (2011)	Adjust the baseline to reference the updated TWDB estimate for year 2011 per-capita use. The prior estimated year 2011 per-capita used in the 2021 RWP underestimates demand relative to recent historic usage.
Freeport				150 (2019)	100 (2011)	127 (2013)	Adjust the baseline to reference the updated TWDB estimate for year 2013 per-capita use. The year 2011 underestimates demand relative to recent historic usage. Note that some recent years display higher per-capita that 2013, but may be artifacts of uncertainty in population.
Fulshear				234 (2014)	103 (2011)	140 (2020)	Adjust the baseline to reference the updated TWDB estimate for year 2020 per-capita use. The year 2011 underestimates demand relative to recent historic usage. Note that some recent years display higher per-capita that 2020, but may be artifacts of uncertainty in population.
G and W WSC				69 (2018)	104 (2011)	60 (2011)	Adjust the baseline to reference the updated TWDB estimate for year 2011 per-capita use. The prior estimated year 2011 per-capita used in the 2021 RWP overestimates demand relative to recent historic usage, including peak demand years. Note that some recent years display higher per-capita that 2011, but may be artifacts of uncertainty in population.
Galveston County MUD 12				162 (2017)	107 (2011)	130 (2011)	Adjust the baseline to reference the updated TWDB estimate for year 2011 per-capita use. The draft baseline underestimates demand relative to recent historic usage. Note that some recent years display higher per-capita that 2011, but may be artifacts of uncertainty in population.
Galveston County WCID 12				224 (2016)	204 (2011)	220 (2016)	Adjust the baseline to reference the updated TWDB estimate for year 2016 per-capita use. The draft baseline underestimates demand relative to recent historic usage. Note that TWDB's lower year 2016 population estimate is similar to that calculated by the JRRP and may be more representative of recent conditions. population.
Galveston County WCID 8				129 (2018)	95 (2011)	114 (2011)	Adjust the baseline to reference the updated TWDB estimate for year 2011 per-capita use. The prior estimated year 2011 per-capita used in the 2021 RWP underestimates demand relative to recent historic usage. Note that some recent years display higher per-capita that 2011, but may be artifacts of uncertainty in population.
Grand Oaks MUD				98 (2019)	75 (2018)	98 (2019)	Adjust the baseline to reference the updated TWDB estimate for year 2014 per-capita use. Data for earlier years appears suspect.
Groveton				141 (2016)	96 (2011)	127 (2014)	Adjust the baseline to reference the updated TWDB estimate for year 2014 per-capita use. The year 2011 underestimates demand relative to recent historic usage.
Hardin WSC				125 (2011)	91 (2012)	116 (2011)	Adjust the baseline to reference the updated TWDB estimate for year 2011 per-capita use. The draft baseline underestimates demand relative to recent historic usage.
Harris County MUD 106				182 (2010)	250 (2011)	128 (2011)	Adjust the baseline to reference the updated TWDB estimate for year 2011 per-capita use. The prior estimated year 2011 per-capita used in the 2021 RWP overestimates demand relative to recent historic usage, including peak demand years. Note that some recent years display higher per-capita that 2011, but may be artifacts of uncertainty in population.
Harris County MUD 119				115 (2013)	77 (2011)	108 (2013)	Adjust the baseline to reference the updated TWDB estimate for year 2013 per-capita use. The draft baseline underestimates demand relative to recent historic usage.

Summary of Potential Region H Per-Capita Demand Rate Adjustments

WUG	TWDB Historic Data Trends for 2010-2020			Max Historic GPCD and Ref. Year	Draft Baseline GPCD and Ref. Year	Proposed Baseline GPCD and Ref. Year	Recommendation and Basis
	Population	Water Use	Per-Capita Use				
Harris County MUD 132				273 (2011)	161 (2011)	264 (2011)	Adjust the baseline to reference the updated TWDB estimate for year 2011 per-capita use. The prior estimated year 2011 per-capita used in the 2021 RWP underestimates demand relative to recent historic usage.
Harris County MUD 148				95 (2011)	67 (2011)	89 (2011)	Adjust the baseline to reference the updated TWDB estimate for year 2011 per-capita use. The draft baseline underestimates demand relative to recent historic usage.
Harris County MUD 152				116 (2011)	122 (2011)	110 (2011)	Adjust the baseline to reference the updated TWDB estimate for year 2011 per-capita use. The prior estimated year 2011 per-capita used in the 2021 RWP overestimates demand relative to recent historic usage, including peak demand years.
Harris County MUD 189				170 (2020)	81 (2011)	142 (2016)	Adjust the baseline to reference the updated TWDB estimate for year 2014 per-capita use. The draft baseline underestimates demand relative to recent historic usage.
Harris County MUD 216				250 (2016)	129 (2011)	185 (2011)	Adjust the baseline to reference the updated TWDB estimate for year 2011 per-capita use. The prior estimated year 2011 per-capita used in the 2021 RWP underestimates demand relative to recent historic usage. Note that some recent years display higher per-capita than 2011, but may be artifacts of uncertainty in population.
Harris County MUD 23				105 (2013)	70 (2011)	99 (2013)	Adjust the baseline to reference the updated TWDB estimate for year 2013 per-capita use. The year 2011 underestimates demand relative to recent historic usage.
Harris County MUD 261				337 (2011)	154 (2018)	247 (2013)	Adjust the baseline to reference the updated TWDB estimate for year 2013 per-capita use. The draft baseline underestimates demand relative to recent historic usage.
Harris County MUD 345				241 (2013)	203 (2011)	224 (2011)	Adjust the baseline to reference the updated TWDB estimate for year 2011 per-capita use. The draft baseline underestimates demand relative to recent historic usage.
Harris County MUD 36				313 (2019)	212 (2011)	298 (2011)	Adjust the baseline to reference the updated TWDB estimate for year 2011 per-capita use. The prior estimated year 2011 per-capita used in the 2021 RWP underestimates demand relative to recent historic usage. Note that some recent years display higher per-capita than 2011, but may be artifacts of uncertainty in population.
Harris County MUD 46				141 (2011)	148 (2011)	134 (2011)	Adjust the baseline to reference the updated TWDB estimate for year 2011 per-capita use. The prior estimated year 2011 per-capita used in the 2021 RWP overestimates demand relative to recent historic usage, including peak demand years.
Harris County MUD 58				135 (2016)	101 (2011)	131 (2016)	Adjust the baseline to reference the updated TWDB estimate for year 2016 per-capita use. Data for earlier years appears suspect.
Harris County WCID 1				144 (2014)	91 (2011)	132 (2011)	Adjust the baseline to reference the updated TWDB estimate for year 2011 per-capita use. The draft baseline underestimates demand relative to recent historic usage.
Harris County WCID 74				117 (2011)	100 (2011)	109 (2011)	Adjust the baseline to reference the updated TWDB estimate for year 2011 per-capita use. The prior estimated year 2011 per-capita used in the 2021 RWP underestimates demand relative to recent historic usage.

Summary of Potential Region H Per-Capita Demand Rate Adjustments

WUG	TWDB Historic Data Trends for 2010-2020			Max Historic GPCD and Ref. Year	Draft Baseline GPCD and Ref. Year	Proposed GPCD and Ref. Year	Recommendation and Basis
	Population	Water Use	Per-Capita Use				
Harris County WCID 89				175 (2019)	76 (2011)	152 (2018)	Adjust the baseline to reference the updated TWDB estimate for year 2018 per-capita use. Data for earlier years appears may be lower than anticipated.
Hitchcock				116 (2016)	99 (2011)	105 (2011)	Adjust the baseline to reference the updated TWDB estimate for year 2011 per-capita use. The draft baseline underestimates demand relative to recent historic usage.
Humble				218 (2010)	140 (2011)	182 (2011)	Adjust the baseline to reference the updated TWDB estimate for year 2011 per-capita use. The prior estimated year 2011 per-capita used in the 2021 RWP underestimates demand relative to recent historic usage.
Huntsville				313 (2015)	174 (2011)	163 (2011)	Adjust the baseline to reference the updated TWDB estimate for year 2015 per-capita use. The year 2011 underestimates demand relative to recent historic usage.
Jersey Village				185 (2011)	203 (2011)	177 (2011)	Adjust the baseline to reference the updated TWDB estimate for year 2011 per-capita use. The prior estimated year 2011 per-capita used in the 2021 RWP over estimates demand relative to recent historic usage, including peak demand years.
Kings Manor MUD				173 (2011)	105 (2010)	128 (2010)	Adjust the baseline to reference the updated TWDB estimate for year 2010 per-capita use. The prior estimated year 2010 per-capita used in the 2021 RWP underestimates demand relative to recent historic usage.
La Marque				184 (2020)	140 (2011)	184 (2020)	Adjust the baseline to reference the updated TWDB estimate for year 2020 per-capita use. The year 2011 underestimates demand relative to recent historic usage. Separate analysis suggests 2011 value should be higher.
Liberty				178 (2013)	152 (2011)	171 (2013)	Adjust the baseline to reference the updated TWDB estimate for year 2013 per-capita use. The draft baseline underestimates demand relative to recent historic usage.
Liberty County FWSD 1 Hull				298 (2019)	135 (2011)	161 (2011)	Adjust the baseline to reference the updated TWDB estimate for year 2011 per-capita use. The prior estimated year 2011 per-capita used in the 2021 RWP underestimates demand relative to recent historic usage. Note that some recent years display higher per-capita than 2011, but may be artifacts of uncertainty in demand data.
Madisonville				196 (2020)	164 (2011)	185 (2011)	Adjust the baseline to reference the updated TWDB estimate for year 2011 per-capita use. The draft baseline underestimates demand relative to recent historic usage. Note that some recent years display higher per-capita than 2011, but may be artifacts of uncertainty in population.
Meadowcreek MUD				131 (2011)	122 (2011)	137 (2011)	Adjust for recalculated year 2011 per capita using WUS usage and JRRR estimated population. Draft baseline may underestimate demand based on historic data.
Memorial Point UD				182 (2012)	146 (2011)	173 (2011)	Adjust the baseline to reference the updated TWDB estimate for year 2011 per-capita use. The prior estimated year 2011 per-capita used in the 2021 RWP underestimates demand relative to recent historic usage.
Montgomery County MUD 119				136 (2020)	244 (2011)	136 (2020)	Adjust the baseline to reference the updated TWDB estimate for year 2020 per-capita use. Per-Capitas for the 2021 RWP appear to have been too high.

Summary of Potential Region H Per-Capita Demand Rate Adjustments

WUG	TWDB Historic Data Trends for 2010-2020			Max Historic GPCD and Ref. Year	Draft Baseline GPCD and Ref. Year	Proposed Baseline GPCD and Ref. Year	Recommendation and Basis
	Population	Water Use	Per-Capita Use				
Montgomery County MUD 126				130 (2020)	100 (2018)	130 (2020)	Adjust the baseline to reference the updated TWDB estimate for year 2020 per-capita use. The WUG appears to be new development in growth mode, so this may be a conservative assumption.
Montgomery County MUD 139				144 (2020)	90 (2018)	144 (2020)	Adjust the baseline to reference the updated TWDB estimate for year 2020 per-capita use. The WUG appears to be new development in growth mode, so this may be a conservative assumption.
Montgomery County MUD 15				84 (2013)	118 (2011)	72 (2011)	Adjust the baseline to reference the updated TWDB estimate for year 2011 per-capita use. The draft baseline overestimates demand relative to recent historic usage, including peak demand years. Note that some recent years display higher per-capita that 2011, but may be artifacts of uncertainty in population.
Montgomery County MUD 18				403 (2011)	246 (2011)	394 (2011)	Adjust the baseline to reference the updated TWDB estimate for year 2011 per-capita use. The prior estimated year 2011 per-capita used in the 2021 RWP underestimates demand relative to recent historic usage.
Montgomery County MUD 19				192 (2011)	118 (2011)	237 (2011)	Adjust the baseline to reference the updated year 2011 per-capita use utilizing WUS usage and JRRP population estimates. The draft baseline underestimates demand relative to recent historic usage.
Montgomery County MUD 56				94 (2011)	97 (2011)	86 (2011)	Adjust the baseline to reference the updated TWDB estimate for year 2011 per-capita use. The prior estimated year 2011 per-capita used in the 2021 RWP overestimates demand relative to recent historic usage, including peak demand years. Note that some recent years display higher per-capita than 2011, but may be artifacts of uncertainty in population.
Montgomery County MUD 8				315 (2018)	135 (2011)	274 (2011)	Adjust the baseline to reference the updated TWDB estimate for year 2011 per-capita use. The draft baseline underestimates demand relative to recent historic usage.
Montgomery County MUD 89				192 (2012)	71 (2011)	155 (2011)	Adjust the baseline to reference the updated TWDB estimate for year 2011 per-capita use. The draft baseline underestimates demand relative to recent historic usage.
Montgomery County MUD 9				389 (2013)	140 (2011)	383 (2013)	Adjust the baseline to reference the updated TWDB estimate for year 2013 per-capita use. The draft baseline underestimates demand relative to recent historic usage.
Montgomery County MUD 95				162 (2020)	76 (2011)	145 (2017)	Adjust the baseline to reference the updated TWDB estimate for year 2017 per-capita use. The draft baseline underestimates demand relative to recent historic usage.
Montgomery County UD 2				237 (2010)	111 (2011)	228 (2011)	Adjust the baseline to reference the updated TWDB estimate for year 2011 per-capita use. The prior estimated year 2011 per-capita used in the 2021 RWP underestimates demand relative to recent historic usage.
Montgomery County UD 3				313 (2013)	132 (2011)	347 (2013)	Adjust the baseline to reference adjusted year 2013 per-capita use using WUS usage and JRRP estimated populations. The draft baseline underestimates demand relative to recent historic usage.
Montgomery County UD 4				334 (2017)	149 (2011)	285 (2011)	Adjust the baseline to reference the updated TWDB estimate for year 2011 per-capita use. The prior estimated year 2011 per-capita used in the 2021 RWP underestimates demand relative to recent historic usage. Note that some recent years display higher per-capita than 2011, but may be artifacts of uncertainty in population.

Summary of Potential Region H Per-Capita Demand Rate Adjustments

WUG	TWDB Historic Data Trends for 2010-2020			Max Historic GPCD and Ref. Year	Draft Baseline GPCD and Ref. Year	Proposed GPCD and Ref. Year	Recommendation and Basis
	Population	Water Use	Per-Capita Use				
Morgans Point				613 (2016)	319 (2011)	462 (2013)	Adjust to recalculated 2013 per-capita. Draft value underestimates relative to historic.
New Caney MUD				123 (2018)	75 (2011)	98 (2011)	Adjust the baseline to reference the updated TWDB estimate for year 2011 per-capita use. The draft baseline underestimates demand relative to recent historic usage. Note that some recent years display higher per-capita than 2011, but may be artifacts of uncertainty in population.
Newport MUD				188 (2016)	97 (2011)	113 (2020)	Adjust to use 2020 baseline as most reliable data. Earlier years WUG usage is suspect, and mid-decade peak also suspect.
Nitsch and Son Utility				113 (2011)	97 (2018)	113 (2011)	Adjust the baseline to reference the updated TWDB estimate for year 2011 per-capita use. The year 2018 underestimates demand relative to recent historic usage.
Normangee				248 (2019)	146 (2011)	195 (2015)	Adjust the baseline to reference the updated TWDB estimate for year 2015 per-capita use. The draft baseline underestimates demand relative to recent historic usage.
North Belt UD				262 (2011)	171 (2011)	253 (2011)	Adjust the baseline to reference the updated TWDB estimate for year 2011 per-capita use. The prior estimated year 2011 per-capita used in the 2021 RWP underestimates demand relative to recent historic usage. Note that some recent years display higher per-capita than 2011, but may be artifacts of uncertainty in population.
North Fort Bend Water Authority				198 (2011)	200 (2011)	186 (2011)	Based on WUG-provided data
Oak Hollow Utility				98 (2011)	105 (2011)	89 (2011)	Adjust the baseline to reference the updated TWDB estimate for year 2011 per-capita use. The prior estimated year 2011 per-capita used in the 2021 RWP overestimates demand relative to recent historic usage, including peak demand years.
Pecan Grove MUD 1				221 (2011)	159 (2013)	198 (2013)	Adjust the baseline to reference the updated TWDB estimate for year 2013 per-capita use. The prior estimated year 2013 per-capita used in the 2021 RWP underestimates demand relative to recent historic usage.
Pennington WSC				182 (2019)	86 (2011)	152 (2011)	Adjust the baseline to reference the updated TWDB estimate for year 2011 per-capita use. The prior estimated year 2011 per-capita used in the 2021 RWP underestimates demand relative to recent historic usage. Note that some recent years display higher per-capita than 2011, but may be artifacts of uncertainty in population.
Pinehurst Decker Prairie WSC				107 (2019)	61 (2011)	88 (2013)	Adjust the baseline to reference the updated TWDB estimate for year 2013 per-capita use. The draft baseline underestimates demand relative to recent historic usage. Note that some recent years display higher per-capita than 2013, but may be artifacts of uncertainty in population or demand data.
Porter SUD				123 (2017)	60 (2015)	81 (2013)	Adjust the baseline to reference the updated TWDB estimate for year 2013 per-capita use. The draft baseline underestimates demand relative to recent historic usage. Note that some recent years display higher per-capita than 2013, but may be artifacts of uncertainty in population or demand data.
Prairie View A and M University				229 (2016)	61 (2011)	125 (2011)	Adjust to highest per capita assuming WUG usage and TWDB-estimated year 2020 populations. Older populations appear low and result in estimation of demands substantially different from historic.

Summary of Potential Region H Per-Capita Demand Rate Adjustments

WUG	TWDB Historic Data Trends for 2010-2020			Max Historic GPCD and Ref. Year	Draft Baseline GPCD and Ref. Year	Proposed GPCD and Ref. Year	Recommendation and Basis
	Population	Water Use	Per-Capita Use				
Ranch Crest Water				155 (2020)	117 (2018)	155 (2020)	Adjust the baseline to reference the updated TWDB estimate for year 2020 per-capita use. The WUG appears to be new development in growth mode, so this may be a conservative assumption. 2018 underestimates recent demand.
Rayford Road MUD				195 (2011)	113 (2011)	189 (2011)	Adjust the baseline to reference the updated TWDB estimate for year 2011 per-capita use. The prior estimated year 2011 per-capita used in the 2021 RWP underestimates demand relative to recent historic usage.
Riverside SUD				98 (2019)	60 (2011)	86 (2013)	Adjust the baseline to reference the updated TWDB estimate for year 2013 per-capita use. The draft baseline underestimates demand relative to recent historic usage. Note that some recent years display higher per-capita than 2011, but may be artifacts of uncertainty in demand data.
San Jacinto SUD				119 (2011)	83 (2011)	110 (2011)	Adjust the baseline to reference the updated TWDB estimate for year 2011 per-capita use. The draft baseline underestimates demand relative to recent historic usage.
San Leon MUD				114 (2020)	60 (2011)	111 (2011)	Adjust the baseline to reference the updated TWDB estimate for year 2011 per-capita use. The draft baseline underestimates demand relative to recent historic usage. Note that some recent years display higher per-capita than 2011, but may be artifacts of uncertainty in demand.
Shepherd				213 (2020)	108 (2011)	148 (2014)	Adjust the baseline to reference the updated TWDB estimate for year 2014 per-capita use. The draft baseline underestimates demand relative to recent historic usage. Note that some recent years display higher per-capita than 2014, but may be artifacts of uncertainty in demand data.
Sienna Plantation				172 (2011)	213 (2011)	167 (2011)	Adjust the baseline to reference the updated TWDB estimate for year 2011 per-capita use. The prior estimated year 2011 per-capita used in the 2021 RWP overestimates demand relative to recent historic usage, including peak demand years.
Soda WSC				115 (2020)	75 (2010)	106 (2012)	Adjust the baseline to reference the updated TWDB estimate for year 2012 per-capita use. The estimated per-capita from the 2021 RWP appears to have been low. Note that some recent years display higher per-capita than 2012, but may be artifacts of uncertainty in population or demand data.
Southern Montgomery County MUD				153 (2016)	103 (2011)	118 (2011)	Adjust the baseline to reference the updated TWDB estimate for year 2011 per-capita use. The draft baseline underestimates demand relative to recent historic usage. Note that some recent years display higher per-capita than 2011, but may be artifacts of uncertainty in demand.
Spring Creek UD				118 (2011)	79 (2011)	112 (2011)	Adjust the baseline to reference the updated TWDB estimate for year 2011 per-capita use. The prior estimated year 2011 per-capita used in the 2021 RWP underestimates demand relative to recent historic usage.
Surfside Beach				402 (2018)	249 (2010)	336 (2010)	Adjust the baseline to reference the updated TWDB estimate for year 2010 per-capita use. The prior estimated year 2010 per-capita used in the 2021 RWP underestimates demand relative to recent historic usage. Note that some recent years display higher per-capita than 2010, but may be artifacts of uncertainty in population or demand data.
Sweeny				156 (2011)	131 (2011)	148 (2011)	Adjust the baseline to reference the updated TWDB estimate for year 2011 per-capita use. The draft baseline underestimates demand relative to recent historic usage.
T and W Water Service				198 (2011)	224 (2011)	190 (2011)	Adjust the baseline to reference the updated TWDB estimate for year 2011 per-capita use. The draft baseline overestimates demand relative to recent historic usage, including peak demand years.

Summary of Potential Region H Per-Capita Demand Rate Adjustments

WUG	TWDB Historic Data Trends for 2010-2020			Max Historic GPCD and Ref. Year	Draft Baseline GPCD and Ref. Year	Proposed Baseline GPCD and Ref. Year	Recommendation and Basis
	Population	Water Use	Per-Capita Use				
Tempe WSC 1				79 (2010)	81 (2010)	69 (2010)	Adjust the baseline to reference the updated TWDB estimate for year 2010 per-capita use. The prior estimated year 2010 per-capita used in the 2021 RWP overestimates demand relative to recent historic usage, including peak demand years.
The Commons Water Supply				163 (2018)	107 (2010)	161 (2018)	Adjust the baseline to reference the updated TWDB estimate for year 2013 per-capita use. The draft baseline underestimates demand relative to recent historic usage. Some of the earlier demand and population data appears suspect.
Trinity Rural WSC				120 (2011)	106 (2011)	113 (2011)	Adjust the baseline to reference the updated TWDB estimate for year 2011 per-capita use. The prior estimated year 2011 per-capita used in the 2021 RWP underestimates demand relative to recent historic usage.
Waller				189 (2015)	157 (2011)	184 (2015)	Adjust the baseline to reference the updated TWDB estimate for year 2015 per-capita use. The draft baseline underestimates demand relative to recent historic usage.
Waterwood MUD 1				466 (2016)	252 (2011)	340 (2011)	Adjust the baseline to reference the updated TWDB estimate for year 2011 per-capita use. The draft baseline underestimates demand relative to recent historic usage. Note that some recent years display higher per-capita than 2011, but may be artifacts of uncertainty in population.
West Hardin WSC				93 (2019)	61 (2011)	93 (2019)	Draft per capita under-represents.
Westwood Shores MUD				144 (2011)	117 (2011)	136 (2011)	Adjust the baseline to reference the updated TWDB estimate for year 2011 per-capita use. The prior estimated year 2011 per-capita used in the 2021 RWP underestimates demand relative to recent historic usage.
Willis				156 (2019)	112 (2011)	125 (2011)	Adjust the baseline to reference the updated TWDB estimate for year 2011 per-capita use. The draft baseline underestimates demand relative to recent historic usage.
Wood Branch Village				109 (2014)	69 (2011)	103 (2014)	Adjust the baseline to reference the updated TWDB estimate for year 2014 per-capita use. The draft baseline underestimates demand relative to recent historic usage.
Woodcreek MUD				167 (2013)	111 (2011)	161 (2013)	Adjust the baseline to reference the updated TWDB estimate for year 2013 per-capita use. The draft baseline underestimates demand relative to recent historic usage. The year 2011 underestimates demand relative to recent historic usage. Separate analysis suggests 2011 value should be higher.

WJUG	County	Pop Data Source	Baseline GPCD Data					Proposed Population					Proposed GPCD	Proposed Plumbing Code Savings (gpcd)					Proposed Demand (ac-ft)						
			2030	2040	2050	2060	2070	2080	2030	2040	2050	2060		2070	2080	2030	2040	2050	2060	2070	2080				
Alvin	Brazoria	HGSD-FBSD 2023 JRRP	26,404	27,446	29,129	29,260	29,038	29,158	111	4,46	5,01	5,01	5,01	5,01	5,01	5,01	5,01	5,01	5,01	3,151	3,259	3,458	3,474	3,448	3,462
Ames Mingelwood WSC	Liberty	HGSD-FBSD 2023 JRRP	1,212	1,212	1,214	1,214	1,281	1,345	109	4,69	5,21	5,21	5,21	5,21	5,21	5,21	5,21	5,21	5,21	142	141	141	141	149	156
Anahuac	Chambers	HGSD-FBSD 2023 JRRP	1,996	1,996	1,997	1,997	2,106	2,122	106	4,65	5,13	5,13	5,13	5,13	5,13	5,13	5,13	5,13	5,13	227	226	226	226	238	240
Angleton	Brazoria	HGSD-FBSD 2023 JRRP	19,244	19,285	19,056	18,640	18,168	17,524	99	4,6	5,11	5,11	5,11	5,11	5,11	5,11	5,11	5,11	5,11	1,906	1,899	1,876	1,835	1,789	1,725
Austin County WSC	Austin	HGSD-FBSD 2023 JRRP with Adjustments	2,352	2,666	2,913	3,036	3,096	3,158	131	4,89	5,58	5,58	5,58	5,58	5,58	5,58	5,58	5,58	5,58	332	375	409	427	435	444
Bacliff MIUD	Galveston	HGSD-FBSD 2023 JRRP	9,095	9,397	9,574	9,703	9,772	9,834	75	4,34	4,84	4,84	4,84	4,84	4,84	4,84	4,84	4,84	4,84	720	739	752	763	768	773
Baker Road MIUD	Harris	HGSD-FBSD 2023 JRRP	1,000	1,033	1,031	1,029	1,107	1,150	225	4,57	5,37	5,37	5,37	5,37	5,37	5,37	5,37	5,37	5,37	247	254	254	253	272	283
Baybrook MIUD 1	Harris	HGSD-FBSD 2023 JRRP	2,337	2,472	2,503	2,519	2,587	2,670	133	4,66	5,26	5,26	5,26	5,26	5,26	5,26	5,26	5,26	5,26	336	354	358	360	370	382
Baytown	Chambers	HGSD-FBSD 2023 JRRP	6,788	8,728	10,984	13,467	16,106	19,052	121	4,55	5,14	5,14	5,14	5,14	5,14	5,14	5,14	5,14	5,14	885	1,133	1,426	1,748	2,090	2,473
Baytown	Harris	HGSD-FBSD 2023 JRRP	98,515	114,428	120,256	122,039	119,849	117,296	121	4,55	5,14	5,14	5,14	5,14	5,14	5,14	5,14	5,14	5,14	12,850	14,850	15,607	15,838	15,554	15,223
Bayview MIUD	Galveston	HGSD-FBSD 2023 JRRP	1,458	1,546	1,600	1,633	1,656	1,675	78	4,4	4,98	4,98	4,98	4,98	4,98	4,98	4,98	4,98	4,98	120	126	131	134	135	137
Bellaire	Harris	HGSD-FBSD 2023 JRRP	17,749	18,105	18,129	18,152	17,882	17,696	199	4,6	5,21	5,21	5,21	5,21	5,21	5,21	5,21	5,21	5,21	3,865	3,930	3,935	3,940	3,882	3,841
Bellville	Austin	HGSD-FBSD 2023 JRRP	4,333	4,399	4,534	4,599	4,654	4,715	248	4,86	5,44	5,44	5,44	5,44	5,44	5,44	5,44	5,44	5,44	1,180	1,195	1,232	1,250	1,265	1,281
Blaketree MIUD 1 of Montgomery County	Montgomery	HGSD-FBSD 2023 JRRP	142	265	465	509	509	509	335	3,77	4,35	4,35	4,35	4,35	4,35	4,35	4,35	4,35	4,35	53	98	172	189	189	189
Blue Bell Manor Utility	Harris	HGSD-FBSD 2023 JRRP	3,864	3,876	3,991	4,046	3,975	3,977	103	4,56	5,13	5,13	5,13	5,13	5,13	5,13	5,13	5,13	5,13	426	425	438	444	436	436
Blue Ridge West MIUD	Fort Bend	HGSD-FBSD 2023 JRRP	7,226	7,258	7,393	7,794	7,944	8,097	121	4,55	4,89	4,89	4,89	4,89	4,89	4,89	4,89	4,89	4,89	943	944	962	1,014	1,033	1,053
Bolivar Peninsula SUD	Galveston	HGSD-FBSD 2023 JRRP	2,987	3,018	3,033	3,048	3,053	3,056	375	1	1	1	1	1	1	1	1	1	1	1,251	1,264	1,271	1,277	1,279	1,280
Brazoria	Brazoria	HGSD-FBSD 2023 JRRP	2,834	2,816	2,811	2,754	2,694	2,598	118	4,81	5,37	5,37	5,37	5,37	5,37	5,37	5,37	5,37	5,37	359	355	355	347	340	328
Brazoria County PVUSD 1	Brazoria	HGSD-FBSD 2023 JRRP	821	915	914	914	914	913	116	4,35	4,92	4,92	4,92	4,92	4,92	4,92	4,92	4,92	4,92	103	114	114	114	114	114
Brazoria County MIUD 2	Brazoria	HGSD-FBSD 2023 JRRP	3,846	4,046	4,186	4,377	4,442	4,427	368	4,5	5,08	5,08	5,08	5,08	5,08	5,08	5,08	5,08	5,08	1,566	1,645	1,702	1,779	1,806	1,800
Brazoria County MIUD 21	Brazoria	HGSD-FBSD 2023 JRRP	4,748	4,879	4,879	4,916	4,919	4,895	133	4,14	4,74	4,74	4,74	4,74	4,74	4,74	4,74	4,74	4,74	685	701	701	706	707	703
Brazoria County MIUD 22	Brazoria	HGSD-FBSD 2023 JRRP	2,804	2,837	2,838	2,839	3,000	3,094	154	3,14	3,47	3,47	3,47	3,47	3,47	3,47	3,47	3,47	3,47	474	478	479	479	506	522
Brazoria County MIUD 25	Brazoria	HGSD-FBSD 2023 JRRP	4,361	4,461	4,468	4,511	4,556	4,614	88	3,86	4,36	4,36	4,36	4,36	4,36	4,36	4,36	4,36	4,36	411	418	419	423	427	432
Brazoria County MIUD 29	Brazoria	HGSD-FBSD 2023 JRRP	4,322	4,652	4,656	4,687	4,813	4,914	92	3,53	3,95	3,95	3,95	3,95	3,95	3,95	3,95	3,95	3,95	428	459	459	462	475	485
Brazoria County MIUD 3	Brazoria	HGSD-FBSD 2023 JRRP	4,185	4,303	4,355	4,466	4,590	4,654	139	4,76	5,51	5,51	5,51	5,51	5,51	5,51	5,51	5,51	5,51	629	643	651	668	686	696
Brazoria County MIUD 31	Brazoria	HGSD-FBSD 2023 JRRP	3,277	3,277	3,246	3,246	3,238	3,193	235	3,08	3,39	3,39	3,39	3,39	3,39	3,39	3,39	3,39	3,39	851	850	842	842	840	828

WUG	County	Pop Data Source	Baseline GPCD Data				Proposed Population				Proposed Baseline GPCD	Proposed Plumbing Code Savings (gpcd)						Proposed Demand (ac-ft)				
			Source	2030	2040	2050	2060	2070	2080	2030		2040	2050	2060	2070	2080	2030	2040	2050	2060	2070	2080
County-Other, Galveston	Galveston	HGSD-FBSD 2023 JPR	TWDB Draft Projections	25,618	27,283	28,275	29,063	29,449	29,763	112	4,88	5,37	5,37	5,37	5,37	5,37	3,074	3,259	3,377	3,471	3,517	3,555
County-Other, Harris	Harris	HGSD-FBSD 2023 JPR	TWDB Draft Projections	223,137	267,634	293,224	308,632	316,930	320,376	125	6,99	8,85	8,85	8,85	8,85	8,85	29,496	34,820	38,150	40,154	41,234	41,682
County-Other, Leon	Leon	Draft Proj 0.5	TWDB Draft Projections	3,049	2,580	1,981	1,653	1,250	772	102	5,35	6,03	6,03	6,03	6,03	6,03	330	277	213	178	134	83
County-Other, Liberty	Liberty	HGSD-FBSD 2023 JPR	TWDB Draft Projections	54,758	73,710	96,338	120,868	144,989	170,821	110	4,27	4,75	4,75	4,75	4,75	4,75	6,485	8,690	11,358	14,250	17,093	20,139
County-Other, Madison	Madison	Draft Proj 0.5	TWDB Draft Projections	3,076	3,274	3,357	3,489	3,626	3,768	164	4,8	5,48	5,48	5,48	5,48	5,48	549	581	596	620	644	669
County-Other, Montgomery	Montgomery	HGSD-FBSD 2023 JPR	TWDB Draft Projections	211,193	281,172	351,767	406,478	447,894	476,103	110	3,84	4,31	4,31	4,31	4,31	4,31	25,114	33,287	41,645	48,122	53,025	56,365
County-Other, Polk	Polk	Draft Proj 1.0	TWDB Draft Projections	16,126	17,241	17,789	18,387	19,045	19,765	94	4,81	5,3	5,3	5,3	5,3	5,3	1,713	1,713	1,767	1,827	1,892	1,964
County-Other, San Jacinto	San Jacinto	Draft Proj 1.0	TWDB Draft Projections	11,144	11,058	10,755	10,465	10,142	9,792	103	4,63	5,18	5,18	5,18	5,18	5,18	1,228	1,212	1,178	1,147	1,111	1,073
County-Other, Trinity	Trinity	Draft Proj 1.0	TWDB Draft Projections	1,738	1,629	1,507	1,404	1,291	1,166	65	5	5	5	5	5	5	109	101	94	87	87	78
County-Other, Walker	Walker	Draft Proj 0.5	TWDB Draft Projections	10,855	10,151	9,032	7,456	6,052	4,768	188	5,21	5,76	5,76	5,76	5,76	5,76	2,223	2,072	1,844	1,522	1,235	973
County-Other, Waller	Waller	HGSD-FBSD 2023 JPR	TWDB Draft Projections	24,298	30,659	42,346	57,094	72,867	89,879	110	4,05	4,57	4,57	4,57	4,57	4,57	2,884	3,621	5,001	6,743	8,605	10,614
Crosby MUD	Harris	HGSD-FBSD 2023 JPR	RWPG Revision	6,845	7,599	7,665	7,972	8,492	8,496	161	4,34	4,92	4,92	4,92	4,92	4,92	1,201	1,329	1,340	1,394	1,485	1,485
Cut and Shoot	Montgomery	HGSD-FBSD 2023 JPR	TWDB Draft Projections	10,488	13,013	15,408	17,596	19,538	19,939	80	4,59	5,08	5,08	5,08	5,08	5,08	886	1,092	1,293	1,477	1,640	1,673
Dalsetta	Liberty	HGSD-FBSD 2023 JPR	TWDB Draft Projections	931	931	931	931	931	931	104	4,61	5,14	5,14	5,14	5,14	104	103	103	103	103	103	103
Danbury	Brazoria	HGSD-FBSD 2023 JPR	TWDB Draft Projections	1,673	1,698	1,694	1,670	1,643	1,587	92	4,41	4,86	4,86	4,86	4,86	164	166	165	163	160	155	155
Dayton	Liberty	HGSD-FBSD 2023 JPR	TWDB Draft Projections	12,738	15,907	18,311	20,787	22,614	24,619	200	4,54	5,11	5,11	5,11	5,11	2,789	3,473	3,997	4,538	4,937	5,374	
Deer Park	Harris	HGSD-FBSD 2023 JPR	RWPG Revision	34,900	35,227	35,472	35,576	35,722	35,581	142	4,62	5,26	5,26	5,26	5,26	5,371	5,396	5,433	5,449	5,471	5,450	
Devers	Liberty	HGSD-FBSD 2023 JPR	TWDB Draft Projections	543	543	543	543	545	548	198	4,55	5,14	5,14	5,14	5,14	118	117	117	117	118	118	
Dobbin Plantersville WSC	Montgomery	HGSD-FBSD 2023 JPR	TWDB Draft Projections	9,739	15,753	21,728	26,082	29,347	30,982	69	4,34	4,76	4,76	4,76	4,76	705	1,134	1,564	1,877	2,112	2,229	
Dodge Oakhurst WSC	San Jacinto	Draft Proj 1.0	TWDB Draft Projections	650	644	627	610	592	571	104	4,15	4,48	4,48	4,48	4,48	73	72	70	68	66	64	
Dodge Oakhurst WSC	Walker	Draft Proj 0.5	TWDB Draft Projections	2,361	2,783	3,390	4,199	4,979	5,743	104	4,15	4,48	4,48	4,48	4,48	264	310	378	468	555	640	
Domestic Water	Montgomery	HGSD-FBSD 2023 JPR	TWDB Draft Projections	1,386	1,399	1,435	1,581	1,721	1,748	85	4,47	4,99	4,99	4,99	4,99	125	125	129	142	154	157	
Douglas Utility	Harris	HGSD-FBSD 2023 JPR	RWPG Revision	2,148	2,164	2,203	2,245	2,196	2,208	123	4,56	5,19	5,19	5,19	5,19	285	286	291	296	290	291	
East Montgomery County MUD 6	Montgomery	HGSD-FBSD 2023 JPR	TWDB Draft Projections	2,159	2,277	2,588	3,167	3,622	3,561	117	3,05	3,49	3,49	3,49	3,49	276	290	329	403	461	453	
East Plantation UD	Montgomery	HGSD-FBSD 2023 JPR	TWDB Draft Projections	1,182	1,193	1,707	1,976	1,937	1,947	177	4,53	4,96	4,96	4,96	4,96	228	230	329	381	373	375	
El Dorado UD	Harris	HGSD-FBSD 2023 JPR	RWPG Revision	3,343	3,459	3,740	3,815	3,893	3,928	116	4,11	4,68	4,68	4,68	4,68	419	431	466	476	485	490	

WUG	County	Pop Data Source	Baseline GPCD Data		Proposed Population						Proposed GPCD	Proposed Plumbing Code Savings (gpcd)						Proposed Demand (ac-ft)									
			Source	2080	2030	2040	2050	2060	2070	2080		2030	2040	2050	2060	2070	2080	2030	2040	2050	2060	2070	2080				
Far Hills UD	Montgomery	HGSD-FBSD 2023 JRRP	TWDB Draft Projections	2,130	1,184	1,500	1,737	1,897	2,031	2,130	234	4.07	4.52	4.52	4.52	4.52	4.52	4.52	4.52	4.52	4.52	305	386	446	488	522	548
First Colony MUD 9	Fort Bend	HGSD-FBSD 2023 JRRP	TWDB Draft Projections	9,468	7,804	7,895	8,332	8,717	9,122	9,468	158	4.67	5.13	5.13	5.13	5.13	5.13	5.13	5.13	5.13	5.13	1,340	1,352	1,427	1,493	1,562	1,621
Flo Community WSC	Leon	Draft Proj 0.5	TWDB Draft Projections	2,643	3,079	2,967	2,867	2,790	2,716	2,643	114	4.65	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	377	362	349	340	331	322
Forest Hills MUD	Harris	HGSD-FBSD 2023 JRRP	RWP-G Revision	2,894	2,935	2,936	2,936	2,936	2,911	2,894	84	4.12	4.68	4.68	4.68	4.68	4.68	4.68	4.68	4.68	4.68	263	261	261	261	259	257
Fort Bend County FWSD 1	Brazoria	HGSD-FBSD 2023 JRRP	TWDB Draft Projections	81	43	48	48	80	81	81	63	3	3	3	3	3	3	3	3	3	3	3	3	3	3	5	5
Fort Bend County FWSD 1	Fort Bend	HGSD-FBSD 2023 JRRP	TWDB Draft Projections	21,046	10,257	16,405	18,720	19,340	20,205	21,046	63	3	3	3	3	3	3	3	3	3	3	689	1,103	1,258	1,300	1,358	1,414
Fort Bend County FWSD 2	Fort Bend	HGSD-FBSD 2023 JRRP	RWP-G Revision	10,006	7,719	7,998	8,583	9,000	9,485	10,006	70	4.44	4.85	4.85	4.85	4.85	4.85	4.85	4.85	4.85	4.85	567	584	626	657	692	730
Fort Bend County MUD 115	Fort Bend	HGSD-FBSD 2023 JRRP	TWDB Draft Projections	1,738	1,489	1,506	1,652	1,681	1,738	1,738	425	5.09	5.92	5.92	5.92	5.92	5.92	5.92	5.92	5.92	5.92	700	707	775	789	816	834
Fort Bend County MUD 116	Fort Bend	HGSD-FBSD 2023 JRRP	TWDB Draft Projections	5,127	4,190	4,883	4,887	4,970	5,032	5,127	207	4.57	5.25	5.25	5.25	5.25	5.25	5.25	5.25	5.25	950	1,104	1,104	1,123	1,137	1,159	
Fort Bend County MUD 121	Fort Bend	HGSD-FBSD 2023 JRRP	TWDB Draft Projections	3,809	3,809	3,809	3,809	3,809	3,809	3,809	111	3.82	4.56	4.56	4.56	4.56	4.56	4.56	4.56	4.56	457	454	454	454	454	454	
Fort Bend County MUD 128	Fort Bend	HGSD-FBSD 2023 JRRP	TWDB Draft Projections	12,077	11,342	11,525	11,600	11,601	11,807	12,077	202	2.67	3.23	3.23	3.23	3.23	3.23	3.23	3.23	3.23	2,532	2,566	2,583	2,583	2,629	2,689	
Fort Bend County MUD 129	Fort Bend	HGSD-FBSD 2023 JRRP	TWDB Draft Projections	5,926	5,320	5,445	5,497	5,576	5,682	5,926	222	3.96	4.71	4.71	4.71	4.71	4.71	4.71	4.71	4.71	1,299	1,325	1,338	1,357	1,383	1,442	
Fort Bend County MUD 131	Fort Bend	HGSD-FBSD 2023 JRRP	RWP-G Revision	2,129	1,545	1,647	1,727	1,763	2,000	2,129	145	3.57	3.95	3.95	3.95	3.95	3.95	3.95	3.95	3.95	245	260	273	279	316	336	
Fort Bend County MUD 140	Fort Bend	HGSD-FBSD 2023 JRRP	TWDB Draft Projections	2,859	2,265	2,266	2,283	2,284	2,607	2,859	150	3.93	4.47	4.47	4.47	4.47	4.47	4.47	4.47	4.47	371	369	372	372	425	466	
Fort Bend County MUD 149	Fort Bend	HGSD-FBSD 2023 JRRP	RWP-G Revision	5,448	5,158	5,173	5,321	5,332	5,354	5,448	218	3.04	3.64	3.64	3.64	3.64	3.64	3.64	3.64	3.64	1,242	1,242	1,278	1,280	1,286	1,308	
Fort Bend County MUD 152	Fort Bend	HGSD-FBSD 2023 JRRP	TWDB Draft Projections	3,839	3,486	3,488	3,508	3,678	3,839	3,854	177	2.85	3.41	3.41	3.41	3.41	3.41	3.41	3.41	3.41	680	678	682	715	746	749	
Fort Bend County MUD 155	Fort Bend	HGSD-FBSD 2023 JRRP	TWDB Draft Projections	8,101	4,100	5,005	6,075	6,927	7,670	8,101	140	3.05	3.67	3.67	3.67	3.67	3.67	3.67	3.67	3.67	629	764	928	1,058	1,171	1,237	
Fort Bend County MUD 158	Fort Bend	HGSD-FBSD 2023 JRRP	TWDB Draft Projections	3,903	2,416	2,733	3,136	3,458	3,739	3,903	167	3.21	3.85	3.85	3.85	3.85	3.85	3.85	3.85	3.85	443	489	573	632	683	713	
Fort Bend County MUD 162	Fort Bend	HGSD-FBSD 2023 JRRP	TWDB Draft Projections	4,600	2,847	2,850	3,081	3,366	4,238	4,600	87	3.48	3.99	3.99	3.99	3.99	3.99	3.99	3.99	3.99	266	265	286	313	394	428	
Fort Bend County MUD 23	Fort Bend	HGSD-FBSD 2023 JRRP	TWDB Draft Projections	15,466	14,580	15,088	15,089	15,228	15,362	15,466	101	4.36	4.92	4.92	4.92	4.92	4.92	4.92	4.92	4.92	1,578	1,624	1,624	1,639	1,653	1,665	
Fort Bend County MUD 24	Fort Bend	HGSD-FBSD 2023 JRRP	TWDB Draft Projections	3,321	2,968	3,295	3,295	3,295	3,307	3,321	90	3.92	4.61	4.61	4.61	4.61	4.61	4.61	4.61	4.61	286	315	315	315	316	318	
Fort Bend County MUD 25	Fort Bend	HGSD-FBSD 2023 JRRP	RWP-G Revision	13,575	12,698	13,090	13,254	13,284	13,432	13,575	173	4.12	4.61	4.61	4.61	4.61	4.61	4.61	4.61	4.61	2,402	2,469	2,500	2,506	2,534	2,561	
Fort Bend County MUD 26	Fort Bend	HGSD-FBSD 2023 JRRP	TWDB Draft Projections	6,661	5,570	5,810	6,005	6,347	6,486	6,661	104	4.64	5.07	5.07	5.07	5.07	5.07	5.07	5.07	5.07	620	644	665	703	719	738	
Fort Bend County MUD 42	Fort Bend	HGSD-FBSD 2023 JRRP	TWDB Draft Projections	4,418	3,791	3,971	4,079	4,184	4,295	4,418	171	4.89	5.24	5.24	5.24	5.24	5.24	5.24	5.24	5.24	705	737	757	777	797	820	
Fort Bend County MUD 46	Fort Bend	HGSD-FBSD 2023 JRRP	TWDB Draft Projections	2,998	2,479	2,712	2,895	2,983	2,990	2,998	232	4.61	5.26	5.26	5.26	5.26	5.26	5.26	5.26	5.26	631	689	735	758	759	761	
Fort Bend County MUD 47	Fort Bend	HGSD-FBSD 2023 JRRP	RWP-G Revision	2,607	2,455	2,455	2,455	2,455	2,455	2,607	115	3.91	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	305	304	304	304	304	323	

WUG	County	Pop Data Source	Baseline GPCD Data					Proposed Population					Proposed Plumbing Code Savings (gpcd)					Proposed Demand (ac-ft)										
			Source	2030	2040	2050	2060	2070	2080	Baseline GPCD	2030	2040	2050	2060	2070	2080	2030	2040	2050	2060	2070	2080						
Fort Bend County MUD 48	Fort Bend	HGSD-FBSD 2023 JRRP	TWDB Draft Projections	4,152	4,216	4,263	4,508	4,628	4,685	111	3.8	4.28	4.28	4.28	4.28	4.28	4.28	4.28	4.28	4.28	4.28	4.28	499	504	510	539	553	560
Fort Bend County MUD 49	Fort Bend	HGSD-FBSD 2023 JRRP	TWDB Draft Projections	867	907	907	907	1,000	1,000	138	4.23	4.65	4.65	4.65	4.65	4.65	4.65	4.65	4.65	4.65	4.65	4.65	130	135	135	135	149	149
Fort Bend County MUD 5	Fort Bend	HGSD-FBSD 2023 JRRP with Adjustments	RWPG Revision	3,979	4,488	5,009	5,239	5,293	5,325	85	2.74	3.16	3.16	3.16	3.16	3.16	3.16	3.16	3.16	3.16	3.16	3.16	367	411	459	480	485	488
Fort Bend County MUD 81	Fort Bend	HGSD-FBSD 2023 JRRP	TWDB Draft Projections	2,568	2,568	3,747	4,602	5,069	5,396	535	4.75	5.29	5.29	5.29	5.29	5.29	5.29	5.29	5.29	5.29	5.29	5.29	1,525	1,524	2,223	2,731	3,008	3,202
Fort Bend County WCID 2	Fort Bend	HGSD-FBSD 2023 JRRP	RWPG Revision	38,155	41,373	43,364	44,951	46,476	48,213	222	4.95	5.56	5.56	5.56	5.56	5.56	5.56	5.56	5.56	5.56	5.56	5.56	9,277	10,031	10,513	10,898	11,268	11,689
Fort Bend County WCID 2	Harris	HGSD-FBSD 2023 JRRP	RWPG Revision	1,337	1,339	1,340	1,345	1,354	1,381	222	4.95	5.56	5.56	5.56	5.56	5.56	5.56	5.56	5.56	5.56	5.56	5.56	325	325	325	326	328	335
Fort Bend County WCID 3	Fort Bend	HGSD-FBSD 2023 JRRP	TWDB Draft Projections	617	618	618	618	668	700	526	4.66	5.26	5.26	5.26	5.26	5.26	5.26	5.26	5.26	5.26	5.26	360	360	360	360	390	408	
Freeport	Brazoria	HGSD-FBSD 2023 JRRP	RWPG Revision	10,308	10,068	9,970	9,728	9,463	9,097	127	4.52	5.18	5.18	5.18	5.18	5.18	5.18	5.18	5.18	5.18	5.18	5.18	1,414	1,374	1,360	1,327	1,291	1,241
Friendswood	Galveston	HGSD-FBSD 2023 JRRP	TWDB Draft Projections	32,928	34,228	35,080	35,748	36,163	36,490	158	4.42	4.95	4.95	4.95	4.95	4.95	4.95	4.95	4.95	4.95	4.95	4.95	5,665	5,868	6,014	6,129	6,200	6,256
Friendswood	Harris	HGSD-FBSD 2023 JRRP	TWDB Draft Projections	11,040	11,243	11,157	11,069	11,195	11,345	158	4.42	4.95	4.95	4.95	4.95	4.95	4.95	4.95	4.95	4.95	4.95	4.95	1,899	1,927	1,913	1,898	1,919	1,945
Fulshear	Fort Bend	HGSD-FBSD 2023 JRRP	RWPG Revision	25,551	42,502	43,080	44,226	45,769	46,864	140	2.91	3.38	3.38	3.38	3.38	3.38	3.38	3.38	3.38	3.38	3.38	3.38	3,924	6,504	6,593	6,768	7,004	7,172
G and W WSC	Montgomery	HGSD-FBSD 2023 JRRP	RWPG Revision	64	79	102	115	137	149	60	5.24	5.73	5.73	5.73	5.73	5.73	5.73	5.73	5.73	5.73	5.73	4	5	7	8	9	10	
G and W WSC	Waller	HGSD-FBSD 2023 JRRP	RWPG Revision	10,941	11,121	11,296	11,454	11,577	11,770	60	5.24	5.73	5.73	5.73	5.73	5.73	5.73	5.73	5.73	5.73	5.73	735	747	759	770	778	791	
Galena Park	Harris	HGSD-FBSD 2023 JRRP	TWDB Draft Projections	10,952	11,062	11,372	11,504	11,677	11,172	70	4.33	5.13	5.13	5.13	5.13	5.13	5.13	5.13	5.13	5.13	5.13	806	804	826	836	848	812	
Galveston	Galveston	HGSD-FBSD 2023 JRRP	TWDB Draft Projections	57,160	57,523	58,340	58,817	59,213	59,588	291	4.91	5.55	5.55	5.55	5.55	5.55	5.55	5.55	5.55	5.55	5.55	18,318	18,393	18,654	18,806	18,933	19,053	
Galveston County FWSD 6	Galveston	HGSD-FBSD 2023 JRRP	TWDB Draft Projections	1,107	1,107	1,107	1,107	1,107	1,107	180	4.58	5.35	5.35	5.35	5.35	5.35	5.35	5.35	5.35	5.35	5.35	218	217	217	217	217	217	
Galveston County MUD 12	Galveston	HGSD-FBSD 2023 JRRP	RWPG Revision	2,301	2,302	2,302	2,302	2,302	2,302	130	5.03	5.62	5.62	5.62	5.62	5.62	5.62	5.62	5.62	5.62	5.62	322	321	321	321	321	321	
Galveston County WCID 1	Galveston	HGSD-FBSD 2023 JRRP	TWDB Draft Projections	26,453	27,401	27,883	28,220	28,472	28,677	100	4.19	4.72	4.72	4.72	4.72	4.72	4.72	4.72	4.72	4.72	4.72	2,839	2,924	2,976	3,012	3,039	3,061	
Galveston County WCID 12	Galveston	HGSD-FBSD 2023 JRRP	RWPG Revision	3,426	3,534	3,604	3,632	3,657	3,680	220	4.98	5.71	5.71	5.71	5.71	5.71	5.71	5.71	5.71	5.71	5.71	825	848	865	872	878	883	
Galveston County WCID 8	Galveston	HGSD-FBSD 2023 JRRP	RWPG Revision	4,276	4,378	4,446	4,465	4,478	4,488	114	4.61	5.28	5.28	5.28	5.28	5.28	5.28	5.28	5.28	5.28	5.28	524	533	541	544	545	547	
Glendale WSC	Trinity	Draft Proj 1.0	TWDB Draft Projections	540	507	469	437	402	363	177	4.61	5.12	5.12	5.12	5.12	5.12	5.12	5.12	5.12	5.12	5.12	74	69	64	60	55	50	
Grand Oaks MUD	Montgomery	HGSD-FBSD 2023 JRRP	RWPG Revision	1,147	1,211	1,227	1,246	1,276	1,301	98	4.52	5.13	5.13	5.13	5.13	5.13	5.13	5.13	5.13	5.13	5.13	120	126	128	130	133	135	
Green Trails MUD	Harris	HGSD-FBSD 2023 JRRP	TWDB Draft Projections	1,971	2,017	2,018	2,020	2,068	2,105	273	4.13	4.62	4.62	4.62	4.62	4.62	4.62	4.62	4.62	4.62	4.62	594	606	607	607	622	633	
Greenwood UD	Harris	HGSD-FBSD 2023 JRRP	TWDB Draft Projections	9,992	10,069	10,069	10,077	9,994	10,012	68	3.44	3.85	3.85	3.85	3.85	3.85	3.85	3.85	3.85	3.85	3.85	723	724	724	724	718	719	
Groveton	Trinity	Draft Proj 1.0	RWPG Revision	451	424	395	371	344	314	127	5.16	5.75	5.75	5.75	5.75	5.75	5.75	5.75	5.75	5.75	5.75	62	58	54	50	47	43	
Hardin WSC	Liberty	HGSD-FBSD 2023 JRRP	RWPG Revision	4,194	4,272	4,366	4,461	4,631	4,848	116	4.42	4.92	4.92	4.92	4.92	4.92	4.92	4.92	4.92	4.92	4.92	524	532	543	555	576	603	

WJUG	County	Pop Data Source	Baseline GPCD Data					Proposed Population					Proposed Plumbing Code Savings (gpcd)					Proposed Demand (ac-ft)				
			Source	2030	2040	2050	2060	2070	2080	Baseline GPCD	2030	2040	2050	2060	2070	2080	2030	2040	2050	2060	2070	2080
Harris County FWSO 1-A	Harris	HGSD-FBSD 2023 JRRP	TWDB Draft Projections	2,682	2,698	2,711	2,711	2,733	2,654	80	4.29	4.75	4.75	4.75	4.75	227	227	229	229	230	224	
Harris County FWSO 27	Harris	HGSD-FBSD 2023 JRRP	TWDB Draft Projections	2,932	3,482	3,682	3,793	4,384	4,193	96	4.26	4.87	4.87	4.87	4.87	301	355	376	387	448	428	
Harris County FWSO 58	Harris	HGSD-FBSD 2023 JRRP	TWDB Draft Projections	1,661	1,670	1,670	1,670	1,670	1,670	185	4.26	4.82	4.82	4.82	4.82	336	337	337	337	337	337	
Harris County MUD 106	Harris	HGSD-FBSD 2023 JRRP	RWPG Revision	4,454	4,531	4,689	4,773	4,956	5,019	128	4.85	5.63	5.63	5.63	5.63	614	621	643	654	679	688	
Harris County MUD 11	Harris	HGSD-FBSD 2023 JRRP	TWDB Draft Projections	3,722	3,722	3,722	3,722	3,691	3,673	93	3.85	4.35	4.35	4.35	4.35	372	370	370	370	367	365	
Harris County MUD 119	Harris	HGSD-FBSD 2023 JRRP	RWPG Revision	6,759	6,944	6,945	6,946	6,902	6,880	108	4.44	4.98	4.98	4.98	4.98	784	801	801	802	796	794	
Harris County MUD 122	Harris	HGSD-FBSD 2023 JRRP	TWDB Draft Projections	1,353	1,399	1,395	1,391	1,410	1,498	92	4.47	5.13	5.13	5.13	5.13	133	136	136	135	137	146	
Harris County MUD 132	Harris	HGSD-FBSD 2023 JRRP	RWPG Revision	6,564	6,736	6,961	7,047	7,254	7,360	264	4.72	5.4	5.4	5.4	5.4	1,906	1,951	2,016	2,041	2,101	2,132	
Harris County MUD 148	Harris	HGSD-FBSD 2023 JRRP	RWPG Revision	6,223	6,378	7,018	7,324	7,337	7,350	89	3.85	4.38	4.38	4.38	4.38	594	605	665	694	695	697	
Harris County MUD 151	Harris	HGSD-FBSD 2023 JRRP	TWDB Draft Projections	6,746	6,861	7,002	7,078	7,382	7,439	151	4.49	5.1	5.1	5.1	5.1	1,107	1,121	1,144	1,157	1,206	1,216	
Harris County MUD 152	Harris	HGSD-FBSD 2023 JRRP	RWPG Revision	8,559	8,722	9,018	9,130	9,439	9,551	110	4.46	5.14	5.14	5.14	5.14	1,012	1,024	1,059	1,072	1,109	1,122	
Harris County MUD 153	Harris	HGSD-FBSD 2023 JRRP	TWDB Draft Projections	8,972	9,136	9,385	9,491	9,795	9,906	153	4.63	5.27	5.27	5.27	5.27	1,491	1,512	1,553	1,571	1,621	1,639	
Harris County MUD 154	Harris	HGSD-FBSD 2023 JRRP	TWDB Draft Projections	10,425	10,549	10,815	10,892	11,193	11,316	115	4.25	4.91	4.91	4.91	4.91	1,293	1,301	1,334	1,343	1,380	1,395	
Harris County MUD 180	Harris	HGSD-FBSD 2023 JRRP	TWDB Draft Projections	6,171	6,302	6,331	6,361	6,478	6,643	80	4.16	4.71	4.71	4.71	4.71	524	531	534	536	546	560	
Harris County MUD 189	Harris	HGSD-FBSD 2023 JRRP with Adjustments	RWPG Revision	3,659	3,798	3,842	3,873	4,010	4,188	142	4.83	5.6	5.6	5.6	5.6	562	580	587	592	613	640	
Harris County MUD 216	Harris	HGSD-FBSD 2023 JRRP	RWPG Revision	2,461	2,515	2,505	2,495	2,506	2,524	185	4.33	5.17	5.17	5.17	5.17	498	507	505	503	505	508	
Harris County MUD 221	Harris	HGSD-FBSD 2023 JRRP	TWDB Draft Projections	5,623	5,681	5,803	5,856	5,979	6,035	89	4.46	5.23	5.23	5.23	5.23	532	533	545	549	561	566	
Harris County MUD 23	Harris	HGSD-FBSD 2023 JRRP	RWPG Revision	3,809	3,816	3,816	3,816	3,786	3,770	99	4.52	5.02	5.02	5.02	5.02	403	402	402	402	399	397	
Harris County MUD 261	Harris	HGSD-FBSD 2023 JRRP	RWPG Revision	1,044	1,086	1,115	1,126	1,123	1,130	247	4.79	5.34	5.34	5.34	5.34	283	294	302	305	304	306	
Harris County MUD 278	Harris	HGSD-FBSD 2023 JRRP	TWDB Draft Projections	9,870	9,984	10,672	10,923	11,049	11,131	89	4.1	4.7	4.7	4.7	4.7	939	943	1,008	1,031	1,043	1,051	
Harris County MUD 290	Harris	HGSD-FBSD 2023 JRRP	TWDB Draft Projections	9,655	9,883	10,472	10,713	11,058	11,183	110	3.63	4.08	4.08	4.08	4.08	1,150	1,173	1,242	1,271	1,312	1,327	
Harris County MUD 321	Harris	HGSD-FBSD 2023 JRRP	TWDB Draft Projections	1,239	1,366	1,401	1,414	1,401	1,395	188	4.87	6.29	6.29	6.29	6.29	254	278	285	288	285	284	
Harris County MUD 342	Harris	HGSD-FBSD 2023 JRRP	TWDB Draft Projections	4,265	4,316	5,233	5,656	5,677	5,773	158	4.15	4.78	4.78	4.78	4.78	735	741	898	971	974	991	
Harris County MUD 344	Harris	HGSD-FBSD 2023 JRRP	TWDB Draft Projections	4,474	5,426	5,426	5,426	5,432	5,436	224	4.37	5.08	5.08	5.08	5.08	1,101	1,331	1,331	1,331	1,332	1,333	
Harris County MUD 345	Harris	HGSD-FBSD 2023 JRRP	RWPG Revision	3,819	3,854	3,876	3,898	4,064	4,079	224	4.45	4.99	4.99	4.99	4.99	939	945	951	956	997	1,001	
Harris County MUD 36	Harris	HGSD-FBSD 2023 JRRP	RWPG Revision	1,849	1,947	2,651	2,950	2,967	3,062	298	5.55	7.64	7.64	7.64	7.64	606	633	862	959	965	986	

WUG	County	Pop Data Source	Baseline GPCD Data Source	Proposed Population					Proposed Baseline GPCD	Proposed Plumbing Code Savings (gpcd)					Proposed Demand (ac-ft)								
				2030	2040	2050	2060	2070		2080	2030	2040	2050	2060	2070	2080	2030	2040	2050	2060	2070	2080	
Harris County MUD 361	Harris	HGSD-FBSD 2023 JRR	TWDB Draft Projections	4,837	4,911	5,175	5,288	5,425	5,475	122	4.04	4.8	4.8	4.8	4.8	4.8	4.8	639	645	679	694	712	719
Harris County MUD 372	Harris	HGSD-FBSD 2023 JRR	TWDB Draft Projections	2,585	2,734	2,732	2,736	2,812	2,906	271	5.81	6.66	6.66	6.66	6.66	6.66	6.66	768	810	809	810	833	860
Harris County MUD 400	Harris	HGSD-FBSD 2023 JRR	TWDB Draft Projections	9,503	9,631	10,197	10,424	10,762	10,877	146	4.03	4.66	4.66	4.66	4.66	4.66	4.66	1,511	1,525	1,614	1,650	1,704	1,722
Harris County MUD 412	Harris	HGSD-FBSD 2023 JRR	TWDB Draft Projections	4,322	4,423	5,040	5,292	5,381	5,458	185	3.59	4.04	4.04	4.04	4.04	4.04	4.04	878	897	1,022	1,073	1,091	1,106
Harris County MUD 420	Harris	HGSD-FBSD 2023 JRR	TWDB Draft Projections	1,699	1,699	1,799	1,800	1,757	1,757	80	4.04	4.75	4.75	4.75	4.75	4.75	4.75	145	143	152	152	148	148
Harris County MUD 46	Harris	HGSD-FBSD 2023 JRR	RWPG Revision	4,526	4,526	4,541	4,550	4,550	4,551	134	4.39	4.97	4.97	4.97	4.97	4.97	4.97	657	654	656	658	658	658
Harris County MUD 49	Harris	HGSD-FBSD 2023 JRR	TWDB Draft Projections	8,827	9,038	9,542	9,802	9,830	9,860	88	4.34	4.96	4.96	4.96	4.96	4.96	4.96	827	841	888	912	914	917
Harris County MUD 494	Harris	HGSD-FBSD 2023 JRR	TWDB Draft Projections	2,877	2,932	3,131	3,213	3,316	3,353	121	2.85	3.16	3.16	3.16	3.16	3.16	3.16	381	387	413	424	438	443
Harris County MUD 5	Harris	HGSD-FBSD 2023 JRR	TWDB Draft Projections	6,571	6,679	6,745	6,805	6,958	7,190	73	4.3	4.93	4.93	4.93	4.93	4.93	4.93	506	509	514	519	531	548
Harris County MUD 50	Harris	HGSD-FBSD 2023 JRR	TWDB Draft Projections	3,595	3,681	3,836	3,892	4,071	4,180	113	3.88	4.33	4.33	4.33	4.33	4.33	4.33	439	448	467	474	496	509
Harris County MUD 504	Harris	HGSD-FBSD 2023 JRR with Adjustments	TWDB Draft Projections	4,086	4,086	4,096	4,101	4,109	4,133	96	2.99	3.33	3.33	3.33	3.33	3.33	3.33	426	424	425	426	427	429
Harris County MUD 55	Harris	HGSD-FBSD 2023 JRR	TWDB Draft Projections	15,587	15,782	15,609	15,444	15,535	15,637	92	4.55	5.12	5.12	5.12	5.12	5.12	5.12	1,527	1,536	1,519	1,503	1,512	1,522
Harris County MUD 58	Harris	HGSD-FBSD 2023 JRR	RWPG Revision	1,847	1,847	1,847	1,847	1,847	1,847	131	4.17	4.82	4.82	4.82	4.82	4.82	4.82	262	261	261	261	261	261
Harris County MUD 6	Harris	HGSD-FBSD 2023 JRR	TWDB Draft Projections	3,732	3,748	3,755	3,756	3,725	3,709	102	4.32	4.82	4.82	4.82	4.82	4.82	4.82	408	408	409	409	405	404
Harris County MUD 8	Harris	HGSD-FBSD 2023 JRR	TWDB Draft Projections	5,110	5,237	5,515	5,636	5,551	5,564	95	4.73	5.28	5.28	5.28	5.28	5.28	5.28	517	526	554	566	558	559
Harris County MUD 96	Harris	HGSD-FBSD 2023 JRR	TWDB Draft Projections	8,521	8,547	9,146	9,388	9,442	9,516	77	3.94	4.52	4.52	4.52	4.52	4.52	4.52	697	694	743	762	767	773
Harris County UJ 14	Harris	HGSD-FBSD 2023 JRR	TWDB Draft Projections	3,125	3,140	3,162	3,176	3,165	3,206	60	0	0	0	0	0	0	0	210	211	213	213	213	215
Harris County UJ 15	Harris	HGSD-FBSD 2023 JRR	TWDB Draft Projections	3,751	3,766	3,766	3,766	3,847	3,921	130	4.3	4.93	4.93	4.93	4.93	4.93	4.93	528	528	528	528	539	549
Harris County WCID 1	Harris	HGSD-FBSD 2023 JRR	RWPG Revision	8,523	8,645	9,022	9,176	9,715	9,801	132	4.43	4.95	4.95	4.95	4.95	4.95	4.95	1,218	1,230	1,284	1,306	1,383	1,395
Harris County WCID 133	Harris	HGSD-FBSD 2023 JRR	TWDB Draft Projections	6,198	6,353	6,362	6,369	6,325	6,305	111	4.34	4.86	4.86	4.86	4.86	4.86	4.86	741	755	756	757	752	750
Harris County WCID 156	Harris	HGSD-FBSD 2023 JRR	TWDB Draft Projections	814	815	815	815	815	810	203	4.8	5.6	5.6	5.6	5.6	5.6	5.6	181	180	180	180	180	179
Harris County WCID 161	Harris	HGSD-FBSD 2023 JRR with Adjustments	TWDB Draft Projections	1,413	1,413	1,413	1,413	1,397	1,368	122	3.65	4.14	4.14	4.14	4.14	4.14	4.14	187	187	187	187	184	181
Harris County WCID 50	Harris	HGSD-FBSD 2023 JRR	TWDB Draft Projections	3,181	3,187	3,187	3,187	3,176	3,164	113	4.65	5.22	5.22	5.22	5.22	5.22	5.22	386	385	385	385	383	382
Harris County WCID 70	Harris	HGSD-FBSD 2023 JRR	TWDB Draft Projections	1,512	1,512	1,512	1,512	1,512	1,512	139	4.03	4.65	4.65	4.65	4.65	4.65	4.65	229	228	228	228	228	228
Harris County WCID 74	Harris	HGSD-FBSD 2023 JRR	RWPG Revision	5,713	5,782	5,963	5,979	5,897	5,904	109	4.09	4.59	4.59	4.59	4.59	4.59	4.59	671	676	697	699	690	690
Harris County WCID 89	Harris	HGSD-FBSD 2023 JRR	RWPG Revision	4,779	4,839	4,836	4,833	4,798	4,798	152	4.63	5.48	5.48	5.48	5.48	5.48	5.48	789	794	794	793	787	787

WUG	County	Pop Data Source	Baseline GPCD Data					Proposed Population					Proposed Plumbing Code Savings (gpcd)					Proposed Demand (ac-ft)				
			Source	2030	2040	2050	2060	2070	2080	Baseline GPCD	2030	2040	2050	2060	2070	2080	2030	2040	2050	2060	2070	2080
Harris County WCID 96	Harris	HGSD-FBSD 2023 JRP	TWDB Draft Projections	8,240	8,414	9,562	9,907	9,706	9,740	166	4.12	4.75	4.75	4.75	4.75	4.75	1,494	1,520	1,727	1,789	1,753	1,759
Harris County WCID-Fondren Road	Harris	HGSD-FBSD 2023 JRP	TWDB Draft Projections	2,863	2,936	2,936	2,937	2,917	2,907	85	4.44	4.97	4.97	4.97	4.97	4.97	258	263	263	263	261	261
Harris/Montgomery Counties MUD 386	Montgomery	HGSD-FBSD 2023 JRP	TWDB Draft Projections	2,710	2,818	2,822	2,831	2,853	3,027	127	3.88	4.42	4.42	4.42	4.42	4.42	374	387	387	389	392	416
Hempstead	Waller	HGSD-FBSD 2023 JRP	TWDB Draft Projections	6,638	6,824	6,828	6,861	6,912	6,915	174	4.77	5.33	5.33	5.33	5.33	5.33	1,258	1,289	1,290	1,296	1,306	1,306
High Prairie WSC	Leon	Draft Proj 0.5	TWDB Draft Projections	92	133	186	212	244	282	133	3.96	4.48	4.48	4.48	4.48	4.48	13	19	27	31	35	41
High Prairie WSC	Madison	Draft Proj 0.5	TWDB Draft Projections	1,761	1,758	1,755	1,752	1,749	1,746	133	3.96	4.48	4.48	4.48	4.48	4.48	255	253	253	252	252	251
Hillcrest Village	Brazoria	HGSD-FBSD 2023 JRP	TWDB Draft Projections	679	665	661	647	630	607	145	4.05	4.4	4.4	4.4	4.4	4.4	107	105	104	102	99	96
Hilltop Lakes WSC	Leon	Draft Proj 0.5	TWDB Draft Projections	1,515	1,844	2,256	2,472	2,727	3,034	173	4.65	5.09	5.09	5.09	5.09	5.09	286	347	424	465	513	571
Hilshire Village	Harris	HGSD-FBSD 2023 JRP	TWDB Draft Projections	809	809	809	810	804	800	234	4.56	5.09	5.09	5.09	5.09	208	207	207	208	206	205	
Hitchcock	Galveston	HGSD-FBSD 2023 JRP	RWPG Revision	7,403	7,639	7,646	7,684	7,748	7,800	105	4.59	5.22	5.22	5.22	5.22	833	854	855	859	866	872	
HMW SUD	Harris	HGSD-FBSD 2023 JRP	TWDB Draft Projections	2,376	2,391	2,427	2,432	2,500	2,570	119	4.67	5.18	5.18	5.18	5.18	304	305	309	310	319	328	
HMW SUD	Montgomery	HGSD-FBSD 2023 JRP	TWDB Draft Projections	7,402	8,713	9,986	10,760	11,369	11,853	119	4.67	5.18	5.18	5.18	5.18	948	1,111	1,273	1,372	1,449	1,511	
Houston	Fort Bend	HGSD-FBSD 2023 JRP	TWDB Draft Projections	41,284	45,015	47,236	49,578	51,314	52,796	182	4.67	5.28	5.28	5.28	5.28	8,200	8,911	9,350	9,814	10,158	10,451	
Houston	Harris	HGSD-FBSD 2023 JRP	TWDB Draft Projections	2,298,150	2,368,081	2,427,905	2,453,649	2,441,131	2,447,401	182	4.67	5.28	5.28	5.28	5.28	456,493	468,766	480,608	485,704	483,226	484,467	
Houston	Montgomery	HGSD-FBSD 2023 JRP	TWDB Draft Projections	7,931	8,545	9,262	9,840	10,373	10,821	182	4.67	5.28	5.28	5.28	5.28	1,575	1,691	1,833	1,948	2,053	2,142	
Humble	Harris	HGSD-FBSD 2023 JRP	RWPG Revision	23,654	24,530	28,051	29,693	30,661	31,130	182	4.98	5.81	5.81	5.81	5.81	4,690	4,841	5,536	5,860	6,051	6,144	
Huntsville	Walker	Draft Proj 0.5	RWPG Revision	56,171	59,596	64,256	70,270	76,333	82,484	163	4.76	5.23	5.23	5.23	5.23	9,956	10,532	11,356	12,418	13,490	14,577	
Jacinto City	Harris	HGSD-FBSD 2023 JRP	TWDB Draft Projections	9,664	9,753	10,096	10,229	10,387	9,842	66	4.58	5.19	5.19	5.19	5.19	665	664	688	697	708	670	
Jamaica Beach	Galveston	HGSD-FBSD 2023 JRP	TWDB Draft Projections	1,085	1,085	1,085	1,088	1,088	1,088	236	5.09	5.63	5.63	5.63	5.63	281	280	280	281	281	281	
Jersey Village	Harris	HGSD-FBSD 2023 JRP	RWPG Revision	9,298	9,638	9,732	9,789	10,061	10,415	177	4.88	5.69	5.69	5.69	5.69	1,793	1,849	1,867	1,878	1,931	1,999	
Jewett	Leon	Draft Proj 0.5	TWDB Draft Projections	561	401	292	207	147	107	146	4.68	5.26	5.26	5.26	5.26	89	63	46	33	23	17	
Johnston Water Utility	Montgomery	HGSD-FBSD 2023 JRP	TWDB Draft Projections	2,858	4,151	4,937	5,470	5,914	6,257	356	4.68	5.21	5.21	5.21	5.21	1,125	1,631	1,940	2,149	2,324	2,459	
Katy	Fort Bend	HGSD-FBSD 2023 JRP	TWDB Draft Projections	9,967	12,764	14,328	14,462	15,549	16,591	216	4.3	4.86	4.86	4.86	4.86	2,364	3,019	3,389	3,420	3,677	3,924	
Katy	Harris	HGSD-FBSD 2023 JRP	TWDB Draft Projections	12,339	12,585	12,671	12,756	13,049	13,398	216	4.3	4.86	4.86	4.86	4.86	2,926	2,976	2,997	3,017	3,086	3,169	
Katy	Waller	HGSD-FBSD 2023 JRP	TWDB Draft Projections	4,711	10,430	13,060	15,329	17,001	17,808	216	4.3	4.86	4.86	4.86	4.86	1,117	2,467	3,089	3,625	4,021	4,212	
Keenan WSC	Montgomery	HGSD-FBSD 2023 JRP	TWDB Draft Projections	1,119	1,545	2,157	2,431	2,627	2,796	92	4.86	5.32	5.32	5.32	5.32	109	150	209	236	255	271	

WJUG	County	Pop Data Source	Baseline GPCD Data					Proposed Population					Proposed Baseline GPCD	Proposed Plumbing Code Savings (gpcd)					Proposed Demand (ac-ft)				
			Source	2030	2040	2050	2060	2070	2080	2030	2040	2050		2060	2070	2080	2030	2040	2050	2060	2070	2080	
Mason Creek UD	Harris	HGSD-FBSD 2023 JRRP	TWDB Draft Projections	7,462	7,556	7,561	7,567	7,719	7,869	172	4.45	5.02	5.02	5.02	5.02	5.02	1,400	1,413	1,414	1,415	1,444	1,472	
Meadowcreek MUD	Fort Bend	HGSD-FBSD 2023 JRRP	RWPG Revision	1,722	1,728	1,783	1,818	1,845	1,872	137	4.41	4.81	4.81	4.81	4.81	4.81	256	256	264	269	273	277	
Meadows Place	Fort Bend	HGSD-FBSD 2023 JRRP	TWDB Draft Projections	4,992	5,157	5,389	5,707	5,900	6,091	149	4.83	5.21	5.21	5.21	5.21	806	831	868	919	950	981		
Meadows Place	Harris	HGSD-FBSD 2023 JRRP	TWDB Draft Projections	4	4	4	4	4	5	149	4.83	5.21	5.21	5.21	5.21	1	1	1	1	1	1		
Memorial Point UD	Polk	Draft Proj 1.0	RWPG Revision	761	827	860	895	934	977	173	4.86	5.32	5.32	5.32	5.32	143	155	162	168	175	184		
Memorial Villages Water Authority	Harris	HGSD-FBSD 2023 JRRP	TWDB Draft Projections	11,229	11,343	12,250	12,636	12,450	12,448	490	4.97	5.55	5.55	5.55	5.55	6,101	6,155	6,648	6,857	6,756	6,755		
Mercy WSC	Liberty	HGSD-FBSD 2023 JRRP	TWDB Draft Projections	674	674	675	675	675	717	87	3.64	4.07	4.07	4.07	4.07	63	63	63	63	63	67		
Mercy WSC	San Jacinto	Draft Proj 1.0	TWDB Draft Projections	4,039	4,008	3,899	3,793	3,677	3,549	87	3.64	4.07	4.07	4.07	4.07	377	372	362	352	342	330		
Missouri City	Fort Bend	HGSD-FBSD 2023 JRRP	TWDB Draft Projections	9,956	11,693	12,515	12,883	13,560	13,875	141	4.35	4.79	4.79	4.79	4.79	1,524	1,784	1,909	1,966	2,069	2,117		
Mont Belvieu	Chambers	HGSD-FBSD 2023 JRRP	TWDB Draft Projections	11,343	14,480	15,162	18,748	22,674	27,175	390	4.05	4.5	4.5	4.5	4.5	4,904	6,253	6,547	8,096	9,791	11,735		
Montgomery	Montgomery	HGSD-FBSD 2023 JRRP	TWDB Draft Projections	2,845	3,643	3,809	3,900	3,982	4,040	212	4.57	5.16	5.16	5.16	5.16	661	844	883	904	923	936		
Montgomery County MUD 105	Montgomery	HGSD-FBSD 2023 JRRP	TWDB Draft Projections	1,218	1,297	1,370	1,431	1,505	1,555	154	3.28	3.93	3.93	3.93	3.93	206	218	230	241	253	261		
Montgomery County MUD 112	Montgomery	HGSD-FBSD 2023 JRRP	TWDB Draft Projections	3,515	3,743	3,990	4,004	4,097	5,174	222	3.15	3.76	3.76	3.76	3.76	862	915	975	979	1,002	1,265		
Montgomery County MUD 115	Montgomery	HGSD-FBSD 2023 JRRP	TWDB Draft Projections	4,820	4,958	5,157	5,271	5,457	5,637	156	3.6	4.3	4.3	4.3	4.3	823	842	876	896	927	958		
Montgomery County MUD 119	Montgomery	HGSD-FBSD 2023 JRRP	RWPG Revision	9,636	10,595	11,052	11,518	11,989	12,477	136	3.05	3.7	3.7	3.7	3.7	1,435	1,570	1,638	1,707	1,777	1,849		
Montgomery County MUD 126	Montgomery	HGSD-FBSD 2023 JRRP	RWPG Revision	999	1,150	1,482	1,908	2,256	2,225	130	3.13	3.56	3.56	3.56	3.56	142	163	210	270	320	315		
Montgomery County MUD 127	Montgomery	HGSD-FBSD 2023 JRRP with Adjustments	TWDB Draft Projections	4,279	4,322	4,346	4,361	4,462	4,576	60	0	0	0	0	0	288	290	292	293	300	308		
Montgomery County MUD 137	Montgomery	HGSD-FBSD 2023 JRRP with Adjustments	TWDB Draft Projections	1,246	1,499	1,704	1,814	1,883	1,915	150	3.65	4.2	4.2	4.2	4.2	204	245	278	296	308	313		
Montgomery County MUD 139	Montgomery	HGSD-FBSD 2023 JRRP	RWPG Revision	4,390	4,390	4,390	4,390	4,390	4,390	144	3.41	3.9	3.9	3.9	3.9	691	689	689	689	689	689		
Montgomery County MUD 15	Montgomery	HGSD-FBSD 2023 JRRP	RWPG Revision	7,165	7,647	7,795	7,913	8,104	8,316	72	3.79	4.29	4.29	4.29	4.29	547	580	591	600	615	631		
Montgomery County MUD 18	Montgomery	HGSD-FBSD 2023 JRRP	RWPG Revision	4,706	5,005	5,187	5,359	5,532	5,712	394	4.92	5.5	5.5	5.5	5.5	2,051	2,178	2,257	2,332	2,407	2,486		
Montgomery County MUD 19	Montgomery	HGSD-FBSD 2023 JRRP	RWPG Revision	2,755	2,801	2,824	2,847	2,847	2,864	237	5.35	5.91	5.91	5.91	5.91	715	725	731	737	737	741		
Montgomery County MUD 24	Montgomery	HGSD-FBSD 2023 JRRP	TWDB Draft Projections	1,058	1,295	1,346	1,398	1,451	1,507	146	5.88	6.29	6.29	6.29	6.29	166	203	211	219	227	236		
Montgomery County MUD 56	Montgomery	HGSD-FBSD 2023 JRRP with Adjustments	RWPG Revision	1,143	1,195	1,294	1,318	1,354	1,375	86	4.72	5.33	5.33	5.33	5.33	104	108	117	119	122	124		
Montgomery County MUD 8	Montgomery	HGSD-FBSD 2023 JRRP	RWPG Revision	4,127	4,286	4,430	4,577	4,726	4,881	274	4.44	4.93	4.93	4.93	4.93	1,246	1,292	1,335	1,379	1,424	1,471		
Montgomery County MUD 83	Montgomery	HGSD-FBSD 2023 JRRP	TWDB Draft Projections	2,178	2,282	2,364	2,444	2,524	2,602	168	5.02	5.64	5.64	5.64	5.64	398	415	430	444	459	473		

WUG	County	Pop Data Source	Baseline GPCD Data					Proposed Population										Proposed Plumbing Code Savings (gpcd)										Proposed Demand (ac-ft)				
			Source	2030	2040	2050	2060	2070	2080	Baseline GPCD	2030	2040	2050	2060	2070	2080	2030	2040	2050	2060	2070	2080	2030	2040	2050	2060	2070	2080				
Montgomery County MUD 84	Montgomery	HGSD-FBSD 2023 JRRP	Source	2,439	2,583	2,700	2,809	2,916	3,021	197	4.48	5	5	5	5	5	526	556	581	604	627	650										
Montgomery County MUD 88	Montgomery	HGSD-FBSD 2023 JRRP	TWDB Draft Projections	3,686	3,702	3,716	3,724	3,840	3,972	164	3.33	4	4	4	4	4	663	663	666	667	688	712										
Montgomery County MUD 89	Montgomery	HGSD-FBSD 2023 JRRP	RWPG Revision	5,561	5,714	5,891	6,080	6,311	6,550	155	4.46	5.12	5.12	5.12	5.12	5.12	988	959	989	1,021	1,060	1,100										
Montgomery County MUD 9	Montgomery	HGSD-FBSD 2023 JRRP	RWPG Revision	4,886	5,025	5,202	5,384	5,569	5,761	383	4.31	4.82	4.82	4.82	4.82	4.82	2,073	2,129	2,204	2,281	2,359	2,440										
Montgomery County MUD 94	Montgomery	HGSD-FBSD 2023 JRRP	TWDB Draft Projections	5,779	6,252	6,476	6,706	6,938	7,180	127	3.82	4.39	4.39	4.39	4.39	4.39	797	859	889	921	953	986										
Montgomery County MUD 95	Montgomery	HGSD-FBSD 2023 JRRP	RWPG Revision	3,367	4,220	4,560	4,583	4,690	4,728	145	3.02	3.53	3.53	3.53	3.53	3.53	535	669	723	726	743	749										
Montgomery County MUD 98	Montgomery	HGSD-FBSD 2023 JRRP	TWDB Draft Projections	2,437	2,502	2,576	2,654	2,734	2,816	102	3.93	4.44	4.44	4.44	4.44	4.44	268	273	282	290	299	308										
Montgomery County MUD 99	Montgomery	HGSD-FBSD 2023 JRRP	TWDB Draft Projections	1,516	1,675	1,937	2,016	2,189	2,200	197	3.37	3.99	3.99	3.99	3.99	3.99	329	362	419	436	473	476										
Montgomery County UD 2	Montgomery	HGSD-FBSD 2023 JRRP	RWPG Revision	1,640	1,886	1,941	1,998	2,055	2,114	228	4.8	5.24	5.24	5.24	5.24	5.24	410	471	484	499	513	527										
Montgomery County UD 3	Montgomery	HGSD-FBSD 2023 JRRP	RWPG Revision	2,259	2,338	2,432	2,529	2,627	2,726	347	4.15	4.62	4.62	4.62	4.62	4.62	868	897	933	970	1,007	1,045										
Montgomery County UD 4	Montgomery	HGSD-FBSD 2023 JRRP	RWPG Revision	3,445	3,561	3,696	3,837	3,979	4,126	285	4.87	5.31	5.31	5.31	5.31	5.31	1,081	1,116	1,158	1,202	1,247	1,293										
Montgomery County WCID 1	Montgomery	HGSD-FBSD 2023 JRRP	TWDB Draft Projections	5,662	6,314	6,492	6,519	6,666	6,795	77	4.84	5.2	5.2	5.2	5.2	5.2	458	508	522	524	536	546										
Morgans Point	Harris	HGSD-FBSD 2023 JRRP	RWPG Revision	304	323	323	323	320	309	462	14.77	21.29	21.29	21.29	21.29	21.29	152	159	159	159	158	153										
Moscow WSC	Polk	Draft Proj 1.0	TWDB Draft Projections	206	225	233	243	253	264	133	4.17	4.84	4.84	4.84	4.84	4.84	30	32	33	35	36	38										
Mount Houston Road MUD	Harris	HGSD-FBSD 2023 JRRP	TWDB Draft Projections	7,988	8,162	8,187	8,189	8,119	8,088	89	4.01	4.53	4.53	4.53	4.53	4.53	760	772	775	775	768	765										
MSEC Enterprises	Montgomery	HGSD-FBSD 2023 JRRP	TWDB Draft Projections	18,756	24,266	28,726	31,536	32,360	33,893	205	3.59	4.08	4.08	4.08	4.08	4.08	4,232	5,461	6,465	7,097	7,283	7,628										
Nassau Bay	Harris	HGSD-FBSD 2023 JRRP	TWDB Draft Projections	5,405	5,467	5,494	5,513	5,532	5,514	234	4.92	5.48	5.48	5.48	5.48	5.48	1,387	1,399	1,406	1,411	1,416	1,411										
Needville	Fort Bend	HGSD-FBSD 2023 JRRP	TWDB Draft Projections	3,261	5,267	6,147	6,332	6,390	6,418	95	4.96	5.37	5.37	5.37	5.37	5.37	329	529	617	636	642	644										
New Caney MUD	Montgomery	HGSD-FBSD 2023 JRRP	RWPG Revision	17,475	21,696	24,651	27,264	29,482	30,559	98	4.28	4.76	4.76	4.76	4.76	4.76	1,835	2,266	2,575	2,848	3,079	3,192										
New Waverly	Walker	Draft Proj 0.5	TWDB Draft Projections	826	713	602	493	407	337	150	5.2	5.88	5.88	5.88	5.88	5.88	134	115	97	80	66	54										
Newport MUD	Harris	HGSD-FBSD 2023 JRRP	RWPG Revision	12,664	12,706	13,607	14,143	14,729	14,746	113	4.08	4.56	4.56	4.56	4.56	4.56	1,545	1,543	1,653	1,718	1,789	1,791										
Nitch and Son Utility	Harris	HGSD-FBSD 2023 JRRP	RWPG Revision	1,855	1,855	1,855	1,855	1,855	1,855	113	4.39	4.93	4.93	4.93	4.93	4.93	226	225	225	225	225	225										
Normangee	Leon	Draft Proj 0.5	RWPG Revision	289	213	159	117	87	64	195	5.03	5.55	5.55	5.55	5.55	5.55	61	45	34	25	18	14										
Normangee	Madison	Draft Proj 0.5	RWPG Revision	56	56	56	56	56	56	195	5.03	5.55	5.55	5.55	5.55	5.55	12	12	12	12	12	12										
North Belt UD	Harris	HGSD-FBSD 2023 JRRP	RWPG Revision	2,805	2,812	3,253	3,450	3,470	3,522	253	4.38	5.02	5.02	5.02	5.02	5.02	781	781	904	958	964	978										
North Channel Water Authority	Harris	HGSD-FBSD 2023 JRRP	TWDB Draft Projections	111,189	115,356	121,986	125,492	125,725	126,685	112	4.27	4.86	4.86	4.86	4.86	4.86	13,418	13,844	14,640	15,061	15,089	15,204										

WUG	County	Pop Data Source	Baseline GPCD Data					Proposed Population					Proposed Plumbing Code Savings (gpcd)					Proposed Demand (ac-ft)				
			Source	2030	2040	2050	2060	2070	2080	Baseline GPCD	2030	2040	2050	2060	2070	2080	2030	2040	2050	2060	2070	2080
North Forest MUD	Harris	HGSD-FBSD 2023 JRPB with Adjustments	TWDB Draft Projections	1,564	1,565	1,584	1,584	1,584	1,585	1,641	119	4.42	5.08	5.08	5.08	5.08	201	200	202	202	202	209
North Fort Bend Water Authority	Fort Bend	HGSD-FBSD 2023 JRPB	RWPG Revision	335,414	378,059	409,427	436,105	456,566	476,913	476,913	186	3.91	4.45	4.45	4.45	4.45	68,413	76,883	83,262	88,687	92,848	96,986
North Fort Bend Water Authority	Harris	HGSD-FBSD 2023 JRPB	RWPG Revision	10,121	10,344	10,396	10,414	10,797	11,210	11,210	186	3.91	4.45	4.45	4.45	4.45	2,064	2,104	2,114	2,118	2,196	2,280
North Fort Bend Water Authority	Waller	HGSD-FBSD 2023 JRPB	RWPG Revision	79	126	345	379	397	398	398	186	3.91	4.45	4.45	4.45	4.45	16	26	70	77	81	81
North Green MUD	Harris	HGSD-FBSD 2023 JRPB	TWDB Draft Projections	4,745	4,858	5,006	5,084	5,181	5,228	5,228	105	4.17	4.85	4.85	4.85	4.85	536	545	562	570	581	586
North Harris County Regional Water Authority	Harris	HGSD-FBSD 2023 JRPB	TWDB Draft Projections	842,265	860,999	886,060	898,264	927,801	947,380	947,380	152	4.37	4.96	4.96	4.96	4.96	139,283	141,812	145,939	147,949	152,814	156,039
North Harris County Regional Water Authority	Montgomery	HGSD-FBSD 2023 JRPB	TWDB Draft Projections	42	49	52	54	56	58	58	152	4.37	4.96	4.96	4.96	4.96	7	8	9	9	9	10
North Zulch MUD	Madison	Draft Proj 0.5	TWDB Draft Projections	2,000	2,000	2,000	2,000	2,000	2,000	2,000	122	4.66	5.33	5.33	5.33	5.33	263	261	261	261	261	261
Northeast Harris County MUD 1	Harris	HGSD-FBSD 2023 JRPB	TWDB Draft Projections	506	508	509	509	511	536	536	234	3.3	3.68	3.68	3.68	3.68	131	131	131	131	131	138
Northwest Harris County MUD 16	Harris	HGSD-FBSD 2023 JRPB	TWDB Draft Projections	3,539	3,638	3,664	3,702	3,834	3,941	3,941	125	4.24	4.82	4.82	4.82	4.82	479	490	493	498	516	531
Oak Hollow Utility	Waller	HGSD-FBSD 2023 JRPB with Adjustments	RWPG Revision	2,041	2,042	2,044	2,068	2,080	2,080	2,080	89	4.46	5.05	5.05	5.05	5.05	193	192	192	194	196	196
Oak Ridge North	Montgomery	HGSD-FBSD 2023 JRPB	TWDB Draft Projections	3,167	3,752	3,975	4,448	4,412	4,412	4,412	161	5.23	5.77	5.77	5.77	5.77	553	652	691	773	767	767
Ohalaska WSC	Polk	Draft Proj 1.0	TWDB Draft Projections	3,627	3,939	4,093	4,261	4,446	4,648	4,648	93	4.58	5.1	5.1	5.1	5.1	359	388	403	420	438	458
One Five O WSC	San Jacinto	Draft Proj 1.0	TWDB Draft Projections	2,325	2,306	2,244	2,182	2,116	2,042	2,042	96	4.51	4.96	4.96	4.96	4.96	238	235	229	223	216	208
One Five O WSC	Waller	Draft Proj 0.5	TWDB Draft Projections	53	62	73	90	105	120	120	96	4.51	4.96	4.96	4.96	4.96	5	6	7	9	11	12
Oyster Creek	Brazoria	HGSD-FBSD 2023 JRPB	TWDB Draft Projections	1,209	1,209	1,201	1,157	1,110	1,052	1,052	198	4.78	5.41	5.41	5.41	5.41	262	261	259	250	239	227
P B and S C WSC	San Jacinto	Draft Proj 1.0	TWDB Draft Projections	1,897	1,881	1,830	1,780	1,726	1,667	1,667	120	4.85	5.33	5.33	5.33	5.33	245	242	235	229	222	214
Palmer Plantation MUD 1	Fort Bend	HGSD-FBSD 2023 JRPB	TWDB Draft Projections	1,882	1,893	1,893	1,893	1,910	1,989	1,989	212	4.49	4.84	4.84	4.84	4.84	437	439	439	439	443	462
Palmer Plantation MUD 2	Fort Bend	HGSD-FBSD 2023 JRPB	TWDB Draft Projections	2,714	2,715	2,720	2,720	2,721	2,722	2,722	114	4.93	5.41	5.41	5.41	5.41	332	330	331	331	331	331
Panorama Village	Montgomery	HGSD-FBSD 2023 JRPB	TWDB Draft Projections	2,970	3,095	3,174	3,256	3,341	3,428	3,428	205	4.73	5.09	5.09	5.09	5.09	666	693	711	729	748	768
Parkway MUD	Harris	HGSD-FBSD 2023 JRPB	TWDB Draft Projections	6,534	6,679	6,685	6,692	6,643	6,645	6,645	78	4.58	5.26	5.26	5.26	5.26	537	544	545	545	541	541
Pasadena	Harris	HGSD-FBSD 2023 JRPB	TWDB Draft Projections	142,333	144,376	145,493	145,987	146,025	145,668	145,668	133	4.72	5.45	5.45	5.45	5.45	20,452	20,628	20,787	20,858	20,863	20,812
Pattison WSC	Waller	HGSD-FBSD 2023 JRPB	TWDB Draft Projections	1,492	1,505	1,583	1,624	1,666	1,702	1,702	139	4.45	4.91	4.91	4.91	4.91	225	226	238	244	250	256
Patton Village	Montgomery	HGSD-FBSD 2023 JRPB	TWDB Draft Projections	832	969	1,202	1,547	1,588	1,627	1,627	78	4.76	5.19	5.19	5.19	5.19	68	79	98	126	130	133
Pearland	Brazoria	HGSD-FBSD 2023 JRPB	TWDB Draft Projections	136,520	151,747	158,040	164,420	169,140	171,841	171,841	129	4.25	4.8	4.8	4.8	4.8	19,077	21,111	21,987	22,874	23,531	23,907
Pearland	Fort Bend	HGSD-FBSD 2023 JRPB	TWDB Draft Projections	6,489	8,388	8,642	8,642	8,641	8,642	8,642	129	4.25	4.8	4.8	4.8	4.8	907	1,167	1,202	1,202	1,202	1,202

WUG	County	Pop Data Source	Baseline GPCD Data							Proposed Baseline GPCD	Proposed Plumbing Code Savings (gpcd)							Proposed Demand (ac-ft)						
			2030	2040	2050	2060	2070	2080	Source		2030	2040	2050	2060	2070	2080	2030	2040	2050	2060	2070	2080		
Pearland	Harris	HGSD-FBSD 2023 JRRP	9,743	10,040	10,161	10,278	10,429	10,592	TWDB Draft Projections	129	4.25	4.8	4.8	4.8	4.8	1,361	1,397	1,414	1,430	1,451	1,474			
Pecan Grove MUD 1	Fort Bend	HGSD-FBSD 2023 JRRP	12,692	13,786	14,451	14,712	14,843	15,034	RWPG Revision	198	4.73	5.13	5.13	5.13	5.13	2,748	2,978	3,122	3,178	3,207	3,248			
Pennington WSC	Trinity	Draft Proj 1.0	651	610	565	527	484	438	RWPG Revision	152	4.53	5.1	5.1	5.1	5.1	108	100	93	87	80	72			
Phelps SUD	Walker	Draft Proj 0.5	1,752	1,777	1,802	1,827	1,853	1,879	TWDB Draft Projections	98	4.53	5.08	5.08	5.08	5.08	183	185	188	190	193	196			
Pine Village PUD	Harris	HGSD-FBSD 2023 JRRP	2,876	2,989	3,005	3,064	3,010	3,018	TWDB Draft Projections	91	3.78	4.2	4.2	4.2	4.2	281	291	292	298	293	293			
Pinehurst Decker Prairie WSC	Montgomery	HGSD-FBSD 2023 JRRP	1,514	1,900	2,255	2,696	2,920	3,065	RWPG Revision	88	1	1	1	1	1	148	185	220	263	285	299			
Pinewood Community	Harris	HGSD-FBSD 2023 JRRP	931	962	989	1,012	1,052	1,057	TWDB Draft Projections	85	4.61	5.37	5.37	5.37	5.37	84	86	88	90	94	94			
Plantation MUD	Fort Bend	HGSD-FBSD 2023 JRRP	3,900	4,007	4,215	4,269	4,333	4,437	TWDB Draft Projections	95	4.53	4.87	4.87	4.87	4.87	395	405	426	431	437	448			
Point Aquarius MUD	Montgomery	HGSD-FBSD 2023 JRRP	2,725	3,339	3,829	4,157	4,320	4,489	TWDB Draft Projections	183	4.59	5.05	5.05	5.05	5.05	545	666	763	829	861	895			
Porter SUD	Montgomery	HGSD-FBSD 2023 JRRP	29,274	35,914	39,551	42,109	44,098	46,225	RWPG Revision	81	0	0	0	0	0	2,656	3,259	3,589	3,821	4,001	4,194			
Prairie View	Waller	HGSD-FBSD 2023 JRRP	3,813	4,660	5,045	5,509	6,059	6,464	TWDB Draft Projections	213	5.06	5.53	5.53	5.53	5.53	888	1,083	1,172	1,280	1,408	1,502			
Prairie View A and M University	Waller	HGSD-FBSD 2023 JRRP	6,049	6,145	6,189	6,242	6,302	6,378	RWPG Revision	125	1	1	1	1	1	840	854	860	867	875	886			
Providence WSC	Polk	Draft Proj 1.0	5,360	5,822	6,051	6,301	6,574	6,875	TWDB Draft Projections	67	3.89	4.32	4.32	4.32	4.32	379	409	425	442	462	483			
Quadwest	Brazoria	HGSD-FBSD 2023 JRRP	673	673	669	667	661	647	TWDB Draft Projections	199	3.85	4.31	4.31	4.31	4.31	147	147	146	145	144	141			
Quadwest	Fort Bend	HGSD-FBSD 2023 JRRP	2,597	4,125	5,761	7,209	8,332	9,016	TWDB Draft Projections	199	3.85	4.31	4.31	4.31	4.31	568	900	1,256	1,572	1,817	1,966			
Quadwest	Harris	HGSD-FBSD 2023 JRRP	142	142	170	177	176	178	TWDB Draft Projections	199	3.85	4.31	4.31	4.31	4.31	31	31	37	39	38	39			
Quadwest	Liberty	HGSD-FBSD 2023 JRRP	5,172	5,961	7,114	7,685	8,451	9,282	TWDB Draft Projections	199	3.85	4.31	4.31	4.31	4.31	1,131	1,300	1,551	1,676	1,843	2,024			
Quadwest	Montgomery	HGSD-FBSD 2023 JRRP	23,623	29,654	34,273	36,954	38,611	40,893	TWDB Draft Projections	199	3.85	4.31	4.31	4.31	4.31	5,164	6,467	7,474	8,059	8,420	8,918			
Quadwest	Walker	Draft Proj 0.5	558	708	924	1,214	1,492	1,763	TWDB Draft Projections	199	3.85	4.31	4.31	4.31	4.31	122	154	202	265	325	384			
Quadwest	Waller	HGSD-FBSD 2023 JRRP	129	129	129	129	304	430	TWDB Draft Projections	199	3.85	4.31	4.31	4.31	4.31	28	28	28	28	66	94			
Quail Valley UD	Fort Bend	HGSD-FBSD 2023 JRRP	11,284	11,730	11,885	12,637	13,029	13,415	TWDB Draft Projections	149	4.77	5.14	5.14	5.14	5.14	1,823	1,890	1,915	2,036	2,100	2,162			
Ranch Crest Water	Montgomery	HGSD-FBSD 2023 JRRP	1,150	1,342	1,383	1,385	1,407	1,439	RWPG Revision	155	4.8	5.39	5.39	5.39	5.39	193	225	232	232	236	241			
Rayford Road MUD	Montgomery	HGSD-FBSD 2023 JRRP	8,450	8,652	8,879	9,031	9,298	9,572	RWPG Revision	189	4.62	5.11	5.11	5.11	5.11	1,745	1,782	1,829	1,860	1,915	1,972			
Raywood WSC	Liberty	HGSD-FBSD 2023 JRRP	709	709	709	729	786	871	TWDB Draft Projections	149	4.63	5.15	5.15	5.15	5.15	115	114	114	117	127	140			
Richmond	Fort Bend	HGSD-FBSD 2023 JRRP	18,106	19,556	20,541	20,738	21,374	22,341	TWDB Draft Projections	147	4.68	5.1	5.1	5.1	5.1	2,886	3,108	3,265	3,296	3,397	3,551			
Richwood	Brazoria	HGSD-FBSD 2023 JRRP	4,596	4,492	4,449	4,325	4,192	4,013	TWDB Draft Projections	93	4.19	4.65	4.65	4.65	4.65	457	445	440	428	415	397			

WUG	County	Pop Data Source	Baseline GPCD Data		Proposed Population						Proposed GPCD		Proposed Plumbing Code Savings (gpcd)						Proposed Demand (ac-ft)				
			Source	2030	2040	2050	2060	2070	2080	Baseline GPCD	2030	2040	2050	2060	2070	2080	2030	2040	2050	2060	2070	2080	
River Plantation MUD	Montgomery	HGSD-FBSD 2023 JRRP	TWDB Draft Projections	2,636	3,365	3,924	4,923	4,849	4,852	217	4.58	5.01	5.01	5.01	5.01	627	799	932	1,169	1,151	1,152		
Riverside SUD	San Jacinto	Draft Proj 1.0	RWPG Revision	479	475	462	449	436	421	86	0	0	0	0	0	46	46	45	43	42	41		
Riverside SUD	Walker	Draft Proj 0.5	RWPG Revision	4,557	4,678	4,825	5,001	5,198	5,414	86	0	0	0	0	0	439	451	465	482	501	522		
Rolling Fork PUD	Harris	HGSD-FBSD 2023 JRRP	TWDB Draft Projections	2,372	2,436	2,522	2,554	2,524	2,528	157	4.85	5.4	5.4	5.4	5.4	404	414	428	434	429	429		
Roman Forest Consolidated MUD	Montgomery	HGSD-FBSD 2023 JRRP	TWDB Draft Projections	1,607	2,178	2,763	3,564	3,940	3,958	128	4.48	4.84	4.84	4.84	4.84	222	300	381	492	544	546		
Rosenberg	Fort Bend	HGSD-FBSD 2023 JRRP	TWDB Draft Projections	53,516	66,373	77,631	85,487	91,320	96,510	105	4.56	5.08	5.08	5.08	5.08	6,021	7,429	8,689	9,568	10,221	10,802		
Royal Valley Utilities	Fort Bend	HGSD-FBSD 2023 JRRP	TWDB Draft Projections	2,900	3,214	3,350	3,811	3,899	4,092	280	3.31	3.98	3.98	3.98	3.98	899	994	1,036	1,178	1,206	1,265		
Sagemeadow UD	Harris	HGSD-FBSD 2023 JRRP	TWDB Draft Projections	7,231	7,319	7,270	7,221	7,321	7,436	103	4.26	4.73	4.73	4.73	4.73	800	806	800	795	806	819		
San Jacinto SUD	San Jacinto	Draft Proj 1.0	RWPG Revision	2,312	2,295	2,235	2,176	2,111	2,038	110	4.84	5.37	5.37	5.37	5.37	272	269	262	255	247	239		
San Leon MUD	Galveston	HGSD-FBSD 2023 JRRP	RWPG Revision	6,246	6,470	6,643	6,702	6,765	6,827	111	0	0	0	0	0	777	804	826	833	841	849		
Seabrook	Harris	HGSD-FBSD 2023 JRRP	TWDB Draft Projections	13,856	14,105	14,306	14,390	14,374	14,317	130	4.69	5.32	5.32	5.32	5.32	1,945	1,970	1,998	2,010	2,007	2,000		
Sealy	Austin	HGSD-FBSD 2023 JRRP	TWDB Draft Projections	7,139	7,480	7,893	8,071	8,205	8,287	183	4.89	5.67	5.67	5.67	5.67	1,424	1,486	1,568	1,603	1,630	1,646		
Sedona Lakes MUD 1	Brazoria	HGSD-FBSD 2023 JRRP	TWDB Draft Projections	1,820	1,916	2,130	2,219	2,232	2,270	139	3.27	3.61	3.61	3.61	3.61	277	291	323	337	338	344		
Sequoia Improvement District	Harris	HGSD-FBSD 2023 JRRP	TWDB Draft Projections	895	894	895	895	883	884	143	4.86	5.33	5.33	5.33	5.33	138	138	138	138	136	136		
Shenandoah	Montgomery	HGSD-FBSD 2023 JRRP	TWDB Draft Projections	5,206	6,252	6,480	6,704	6,771	6,815	391	6.14	7.1	7.1	7.1	7.1	2,244	2,689	2,787	2,883	2,912	2,931		
Shepherd	San Jacinto	Draft Proj 1.0	RWPG Revision	1,986	1,971	1,920	1,868	1,812	1,751	148	4.76	5.25	5.25	5.25	5.25	319	315	307	299	290	280		
Shoresacres	Harris	HGSD-FBSD 2023 JRRP	TWDB Draft Projections	1,534	1,534	1,543	1,546	1,555	1,561	199	4.83	5.35	5.35	5.35	5.35	334	333	335	335	337	339		
Sienna Plantation	Fort Bend	HGSD-FBSD 2023 JRRP	RWPG Revision	39,140	40,401	42,096	42,856	43,695	44,833	167	3.85	4.35	4.35	4.35	4.35	7,153	7,361	7,670	7,808	7,961	8,168		
Soda WSC	Polk	Draft Proj 1.0	RWPG Revision	1,848	2,007	2,085	2,172	2,266	2,369	106	5.21	5.67	5.67	5.67	5.67	209	226	234	244	255	266		
South Cleveland WSC	Liberty	HGSD-FBSD 2023 JRRP	TWDB Draft Projections	7,602	11,706	15,701	19,054	23,080	27,341	77	3.63	3.95	3.95	3.95	3.95	625	958	1,285	1,559	1,889	2,237		
South Houston	Harris	HGSD-FBSD 2023 JRRP	TWDB Draft Projections	16,605	16,915	17,017	17,063	17,109	17,098	103	4.5	5.15	5.15	5.15	5.15	1,832	1,854	1,865	1,870	1,875	1,874		
Southeast WSC	Leon	Draft Proj 0.5	TWDB Draft Projections	2,117	2,097	2,077	2,057	2,038	2,019	118	4.58	5.18	5.18	5.18	5.18	269	265	262	260	258	255		
Southern Montgomery County MUD	Montgomery	HGSD-FBSD 2023 JRRP	RWPG Revision	9,795	10,240	10,300	10,336	10,626	10,837	118	4.79	5.44	5.44	5.44	5.44	1,242	1,291	1,299	1,303	1,340	1,366		
Southern Water	Harris	HGSD-FBSD 2023 JRRP	TWDB Draft Projections	4,864	4,892	5,148	5,283	5,172	5,158	95	4.43	5.04	5.04	5.04	5.04	493	493	519	532	521	520		
Southside Place	Harris	HGSD-FBSD 2023 JRRP	TWDB Draft Projections	1,903	1,940	1,941	1,941	1,896	1,862	136	5.02	5.69	5.69	5.69	5.69	279	283	283	283	277	272		
Southwest Harris County MUD 1	Harris	HGSD-FBSD 2023 JRRP	TWDB Draft Projections	1,696	1,751	1,751	1,758	1,750	1,748	67	4.54	5.09	5.09	5.09	5.09	119	121	121	122	121	121		

WJUG	County	Pop Data Source	Baseline GPCD Data					Proposed Population					Proposed Baseline GPCD	Proposed Plumbing Code Savings (gpcd)							Proposed Demand (ac-ft)					
			Source	2030	2040	2050	2060	2070	2080	2030	2040	2050		2060	2070	2080	2030	2040	2050	2060	2070	2080				
Splendora	Liberty	HGSD-FBSD 2023 JRP	TWDB Draft Projections	1,639	2,167	2,495	3,013	3,458	3,934	89	4.62	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	155	204	234	283	325	370
Splendora	Montgomery	HGSD-FBSD 2023 JRP	TWDB Draft Projections	9,888	12,880	16,319	20,773	24,447	24,464	89	4.62	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	995	1,210	1,534	1,952	2,298	2,299
Spring Creek UD	Montgomery	HGSD-FBSD 2023 JRP	RWPG Revision	10,112	10,432	10,792	11,128	11,468	11,789	112	4.82	5.45	5.45	5.45	5.45	5.45	5.45	5.45	5.45	5.45	1,214	1,245	1,288	1,328	1,369	1,407
Spring Meadows MUD	Harris	HGSD-FBSD 2023 JRP	TWDB Draft Projections	4,516	5,492	5,528	5,528	5,528	5,528	73	3.75	4.48	4.48	4.48	4.48	4.48	4.48	4.48	4.48	4.48	350	422	424	424	424	424
Spring Valley	Harris	HGSD-FBSD 2023 JRP	TWDB Draft Projections	4,317	4,445	4,447	4,447	4,417	4,402	243	4.41	4.95	4.95	4.95	4.95	4.95	4.95	4.95	4.95	4.95	1,154	1,185	1,186	1,186	1,178	1,174
Stanley Lake MUD	Montgomery	HGSD-FBSD 2023 JRP	TWDB Draft Projections	3,833	3,970	4,093	4,217	4,326	4,476	197	4.48	5.06	5.06	5.06	5.06	5.06	5.06	5.06	5.06	5.06	827	854	880	907	930	962
Suburban Utility	Harris	HGSD-FBSD 2023 JRP	TWDB Draft Projections	6,060	6,410	8,203	8,663	8,796	8,863	87	4.11	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	563	591	756	799	811	817
Sugar Land	Fort Bend	HGSD-FBSD 2023 JRP	TWDB Draft Projections	115,932	119,859	123,166	125,514	128,066	131,376	223	4.66	5.13	5.13	5.13	5.13	5.13	5.13	5.13	5.13	5.13	28,354	29,251	30,058	30,631	31,254	32,062
Sunbelt FWSD	Harris	HGSD-FBSD 2023 JRP	TWDB Draft Projections	27,122	27,703	28,114	28,491	28,194	28,209	92	4.25	4.77	4.77	4.77	4.77	4.77	4.77	4.77	4.77	4.77	2,666	2,707	2,747	2,784	2,755	2,756
Surfside Beach	Brazoria	HGSD-FBSD 2023 JRP	RWPG Revision	630	630	617	589	560	526	336	5.64	6.34	6.34	6.34	6.34	6.34	6.34	6.34	6.34	6.34	233	233	228	217	207	194
Sweeny	Brazoria	HGSD-FBSD 2023 JRP	RWPG Revision	3,110	3,118	3,103	3,071	3,027	2,932	148	4.58	5.09	5.09	5.09	5.09	5.09	5.09	5.09	5.09	5.09	500	499	497	492	485	469
T and W Water Service	Liberty	HGSD-FBSD 2023 JRP	RWPG Revision	1,217	1,593	1,973	2,303	2,610	2,936	190	4.14	4.66	4.66	4.66	4.66	4.66	4.66	4.66	4.66	4.66	253	331	410	478	542	610
T and W Water Service	Montgomery	HGSD-FBSD 2023 JRP	RWPG Revision	8,375	9,443	11,010	12,170	13,229	13,698	190	4.14	4.66	4.66	4.66	4.66	4.66	4.66	4.66	4.66	4.66	1,744	1,960	2,286	2,527	2,746	2,844
Tankington SUD	Liberty	HGSD-FBSD 2023 JRP	TWDB Draft Projections	5,514	5,623	5,781	5,914	6,096	6,241	96	4.6	5.01	5.01	5.01	5.01	5.01	5.01	5.01	5.01	565	573	589	603	621	636	
TDCI Darrington Unit	Brazoria	HGSD-FBSD 2023 JRP	TWDB Draft Projections	1,745	1,745	1,715	1,715	1,697	1,669	414	3.43	4.02	4.02	4.02	4.02	4.02	4.02	4.02	4.02	803	801	788	788	779	766	
TDCI Ferguson Unit	Madison	Draft Proj 0.5	TWDB Draft Projections	2,413	2,413	2,413	2,413	2,413	2,413	436	3.92	4.41	4.41	4.41	4.41	4.41	4.41	4.41	4.41	1,168	1,167	1,167	1,167	1,167	1,167	
TDCI Lester Units	Fort Bend	HGSD-FBSD 2023 JRP with Adjustments	TWDB Draft Projections	1,521	1,521	1,521	1,521	1,521	1,521	326	4.37	5.03	5.03	5.03	5.03	5.03	5.03	5.03	5.03	548	547	547	547	547	547	
TDCI Ramsey Area	Brazoria	HGSD-FBSD 2023 JRP	TWDB Draft Projections	3,300	3,300	3,300	3,300	3,300	3,300	755	4.13	4.94	4.94	4.94	4.94	4.94	4.94	4.94	4.94	2,776	2,773	2,773	2,773	2,773	2,773	
Tempe WSC 1	Polk	Draft Proj 1.0	RWPG Revision	3,022	3,283	3,411	3,552	3,706	3,875	69	4.45	4.96	4.96	4.96	4.96	4.96	4.96	4.96	4.96	219	236	245	255	266	278	
Texas City	Galveston	HGSD-FBSD 2023 JRP	TWDB Draft Projections	57,263	59,723	61,462	63,597	63,968	64,047	124	4.61	5.24	5.24	5.24	5.24	5.24	5.24	5.24	5.24	7,658	7,945	8,176	8,327	8,480	8,520	
The Commons Water Supply	Harris	HGSD-FBSD 2023 JRP	RWPG Revision	2,963	2,963	2,963	2,963	2,963	2,963	161	4.43	4.99	4.99	4.99	4.99	4.99	4.99	4.99	4.99	520	518	518	518	518	518	
The Woodlands	Montgomery	HGSD-FBSD 2023 JRP	TWDB Draft Projections	101,086	106,009	108,589	109,665	113,970	125,806	215	4.98	5.48	5.48	5.48	5.48	5.48	5.48	5.48	5.48	23,781	24,880	25,485	25,738	26,748	29,526	
Thunderbird UD	Fort Bend	HGSD-FBSD 2023 JRP	TWDB Draft Projections	4,637	4,754	5,077	5,143	5,245	5,460	163	4.93	5.29	5.29	5.29	5.29	5.29	5.29	5.29	5.29	821	840	897	909	927	965	
Tomball	Harris	HGSD-FBSD 2023 JRP	TWDB Draft Projections	16,645	18,045	20,593	21,721	23,140	23,694	226	5.1	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	4,119	4,449	5,077	5,355	5,705	5,842	
Trail of the Lakes MUD	Harris	HGSD-FBSD 2023 JRP	TWDB Draft Projections	10,402	10,547	10,861	11,018	11,373	11,457	104	4.24	4.77	4.77	4.77	4.77	4.77	4.77	4.77	4.77	1,162	1,172	1,207	1,225	1,264	1,273	
Trinity	Trinity	Draft Proj 1.0	TWDB Draft Projections	3,164	2,967	2,746	2,557	2,351	2,125	100	4.64	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	338	315	292	272	250	226	

WJUG	County	Pop Data Source	Baseline GPCD Data						Proposed Baseline GPCD	Proposed Plumbing Code Savings (gpcd)						Proposed Demand (ac-ft)						
			2030	2040	2050	2060	2070	2080		2030	2040	2050	2060	2070	2080	2030	2040	2050	2060	2070	2080	
Trinity Bay Conservation District	Chambers	HGSD-FBSD 2023 JRRP	8,217	9,031	9,778	10,278	10,932	11,727	158	4,55	5,07	5,07	5,07	5,07	5,07	5,07	1,412	1,547	1,675	1,761	1,873	2,009
Trinity Rural WSC	Trinity	Draft Proj 1.0	2,917	2,738	2,539	2,370	2,184	1,981	113	4.6	5.18	5.18	5.18	5.18	5.18	354	331	307	286	264	239	
Trinity Rural WSC	Walker	Draft Proj 0.5	30	18	12	12	12	12	113	4.6	5.18	5.18	5.18	5.18	4	2	1	1	1	1	1	
Valley Ranch MUD 1	Montgomery	HGSD-FBSD 2023 JRRP	3,322	3,849	4,145	4,280	4,413	4,554	101	4.05	4.59	4.59	4.59	4.59	361	416	448	462	477	492		
Varner Creek UD	Brazoria	HGSD-FBSD 2023 JRRP	2,363	2,363	2,307	2,307	2,292	2,231	125	3.98	4.36	4.36	4.36	4.36	320	319	312	312	310	301		
Walker County SUD	Walker	Draft Proj 0.5	8,916	9,308	9,752	10,256	10,777	11,322	119	4.57	5.06	5.06	5.06	5.06	1,143	1,188	1,245	1,309	1,375	1,445		
Waller	Harris	HGSD-FBSD 2023 JRRP	897	1,140	1,138	1,136	1,136	1,136	184	4.92	5.58	5.58	5.58	5.58	180	228	227	227	227	227		
Waller	Waller	HGSD-FBSD 2023 JRRP	1,965	2,040	2,226	2,300	2,411	2,485	184	4.92	5.58	5.58	5.58	5.58	394	408	445	460	482	497		
Wallis	Austin	HGSD-FBSD 2023 JRRP	1,308	1,308	1,308	1,308	1,311	1,318	109	4.74	5.27	5.27	5.27	5.27	153	152	152	152	152	153		
Waterwood MUD 1	San Jacinto	Draft Proj 1.0	294	292	284	277	268	259	340	4.38	4.88	4.88	4.88	4.88	111	110	107	104	101	97		
Webster	Harris	HGSD-FBSD 2023 JRRP	11,307	11,675	11,734	11,756	11,802	11,763	230	5.75	6.67	6.67	6.67	6.67	2,840	2,921	2,935	2,941	2,952	2,943		
West Columbia	Brazoria	HGSD-FBSD 2023 JRRP	4,291	4,280	4,241	4,179	4,112	4,003	100	4.85	5.4	5.4	5.4	5.4	457	454	449	443	436	424		
West End WSC	Austin	HGSD-FBSD 2023 JRRP	1,128	1,128	1,128	1,128	1,128	1,128	98	4.75	5.32	5.32	5.32	5.32	118	117	117	117	117	117		
West Hardin WSC	Liberty	HGSD-FBSD 2023 JRRP	448	448	448	448	448	448	93	1	1	1	1	1	46	46	46	46	46	46		
West Harris County MUD 6	Harris	HGSD-FBSD 2023 JRRP	2,816	2,871	2,868	2,855	2,866	2,896	121	4.81	5.45	5.45	5.45	5.45	367	372	371	370	371	375		
West Harris County Regional Water Authority	Fort Bend	HGSD-FBSD 2023 JRRP	11,047	11,291	11,807	12,343	12,748	13,141	115	4.26	4.85	4.85	4.85	4.85	1,370	1,393	1,457	1,523	1,573	1,621		
West Harris County Regional Water Authority	Harris	HGSD-FBSD 2023 JRRP	587,400	608,870	614,044	616,828	633,481	649,291	115	4.26	4.85	4.85	4.85	4.85	72,864	75,125	75,763	76,107	78,161	80,112		
West University Place	Harris	HGSD-FBSD 2023 JRRP	15,512	15,777	15,795	15,773	15,342	15,085	173	4.47	4.99	4.99	4.99	4.99	2,928	2,969	2,973	2,968	2,887	2,839		
Westfield Garden Park	Harris	HGSD-FBSD 2023 JRRP	622	627	627	627	621	621	131	4.32	5.05	5.05	5.05	5.05	88	88	88	88	88	88		
Westwood North WSC	Montgomery	HGSD-FBSD 2023 JRRP	3,408	3,599	4,099	4,162	4,162	4,900	160	4.52	5.06	5.06	5.06	5.06	594	625	711	722	722	850		
Westwood Shores MUD	Trinity	Draft Proj 1.0	804	754	698	650	598	541	136	4.3	4.94	4.94	4.94	4.94	119	111	102	95	88	79		
White Oak WSC	Montgomery	HGSD-FBSD 2023 JRRP	1,753	2,114	2,311	2,680	2,854	3,111	84	3.31	3.84	3.84	3.84	3.84	158	190	208	241	256	279		
Willis	Montgomery	HGSD-FBSD 2023 JRRP	6,593	7,061	7,519	7,913	8,252	8,507	125	4.79	5.37	5.37	5.37	5.37	888	946	1,008	1,060	1,106	1,140		
Willow Creek Farms MUD	Fort Bend	HGSD-FBSD 2023 JRRP	267	342	388	389	390	391	212	2.93	3.21	3.21	3.21	3.21	63	80	91	91	91	91		
Willow Creek Farms MUD	Waller	HGSD-FBSD 2023 JRRP	3,815	3,978	4,671	5,058	5,170	5,170	212	2.93	3.21	3.21	3.21	3.21	893	930	1,092	1,183	1,209	1,209		
Windfern Forest Utility District	Harris	HGSD-FBSD 2023 JRRP	4,821	4,830	4,922	4,964	4,910	4,903	157	4.67	5.3	5.3	5.3	5.3	823	821	836	844	834	833		

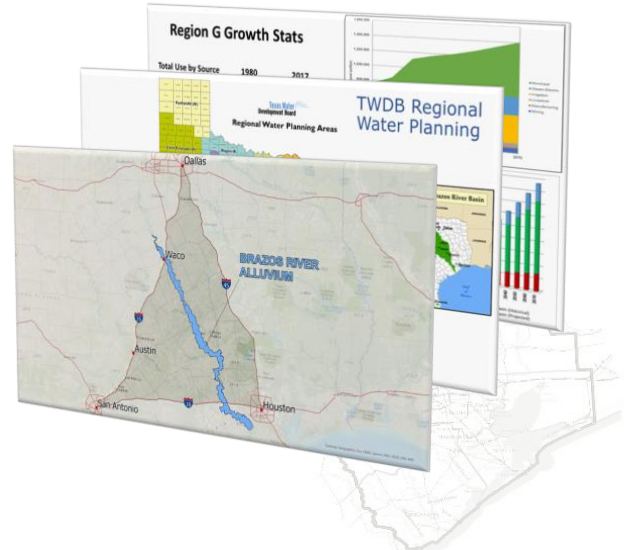
WUG	County	Pop Data Source	Baselining GPCD Data Source	Proposed Population					Proposed Baseline GPCD	Proposed Plumbing Code Savings (gpcd)					Proposed Demand (ac-ft)							
				2030	2040	2050	2060	2070		2080	2030	2040	2050	2060	2070	2080	2030	2040	2050	2060	2070	2080
Wood Branch Village	Montgomery	HGSD-FBSD 2023 JPR	RWPG Revision	1,664	2,122	2,699	3,599	3,706	3,813	103	4.72	5.06	5.06	5.06	5.06	5.06	183	233	296	395	407	418
Wood Trace MUD 1	Montgomery	HGSD-FBSD 2023 JPR	TWDB Draft Projections	1,568	1,607	1,656	1,759	1,850	1,919	123	2.69	3.12	3.12	3.12	3.12	3.12	211	216	222	236	248	258
Woodcreek MIUD	Harris	HGSD-FBSD 2023 JPR	RWPG Revision	2,882	2,882	2,882	2,882	2,882	2,882	161	4.4	5	5	5	5	5	506	504	504	504	504	504
Woodcreek Water of Liberty	Liberty	HGSD-FBSD 2023 JPR	TWDB Draft Projections	87	87	115	140	141	145	91	4.7	5.34	5.34	5.34	5.34	5.34	8	8	11	13	14	14
Woodland Oaks Utility	Montgomery	HGSD-FBSD 2023 JPR	TWDB Draft Projections	3,951	4,457	4,886	5,178	5,424	5,611	85	4.28	4.89	4.89	4.89	4.89	4.89	357	400	438	465	487	504
Woodridge MUD	Montgomery	HGSD-FBSD 2023 JPR	TWDB Draft Projections	2,012	2,312	2,448	2,586	2,726	2,870	80	3.46	3.96	3.96	3.96	3.96	3.96	173	197	209	220	232	244

Agenda Item 6b

Receive update from the Brazos Alluvium Committee.

Agenda Item 6b Brazos Alluvium

- Inaugural meeting July 14th
 - State of the science
 - Coordination with RHWPG and Brazos G
- Presentation to Brazos G in July
- Initial recommendations to RHWPG
 - Thorough assessment of any alluvial-sourced potential WMS (Ch. 5)
 - Support for Legislature funding of agency and other research (Ch. 8)



Agenda Item 6c

Receive update from Consultant Team and Groundwater Supply Committee regarding Modeled Available Groundwater in Region H Water Planning Area.

Agenda Item 6c Modeled Available Groundwater

GMA 11

County	Aquifer	Modeled Available Groundwater (ac-ft/yr)							2021 RWP Value (2020 MAG)
		2020	2030	2040	2050	2060	2070	2080	
Trinity	Carrizo-Wilcox	1	1	1	1	1	1	1	99
Trinity	Sparta	0	0	0	0	0	0	0	29

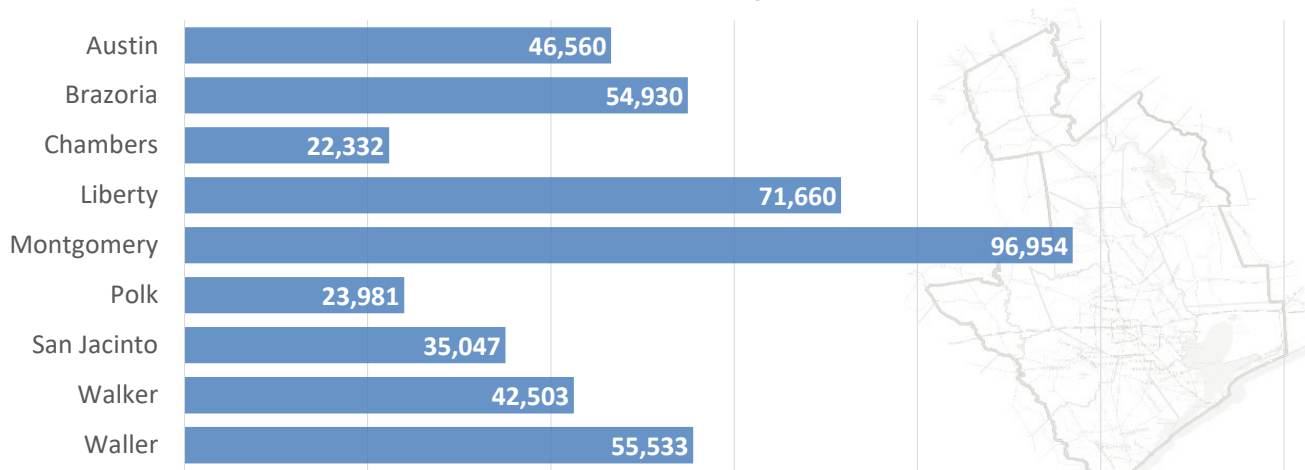
GMA 12

County	Aquifer	Modeled Available Groundwater (ac-ft/yr)							2021 RWP Value (2020 MAG)
		2020	2030	2040	2050	2060	2070	2080	
Leon	Carrizo-Wilcox	8,006	9,550	11,092	12,635	14,179	15,568	15,568	14,288
Leon	Queen City	871	919	967	1,014	1,063	1,106	1,106	594
Leon	Sparta	249	248	249	251	253	254	254	21
Leon	Yegua-Jackson	0	0	0	0	0	0	0	0
Madison	Carrizo-Wilcox	0	0	0	0	0	0	0	2,862
Madison	Queen City	221	264	308	351	394	433	433	380
Madison	Sparta	1,589	1,900	2,211	2,523	2,834	3,115	3,115	3,320
Madison	Yegua-Jackson	1,122	1,122	1,122	1,122	1,122	1,122	1,122	810

Freese and Nichols, Inc. | INTERA Inc.

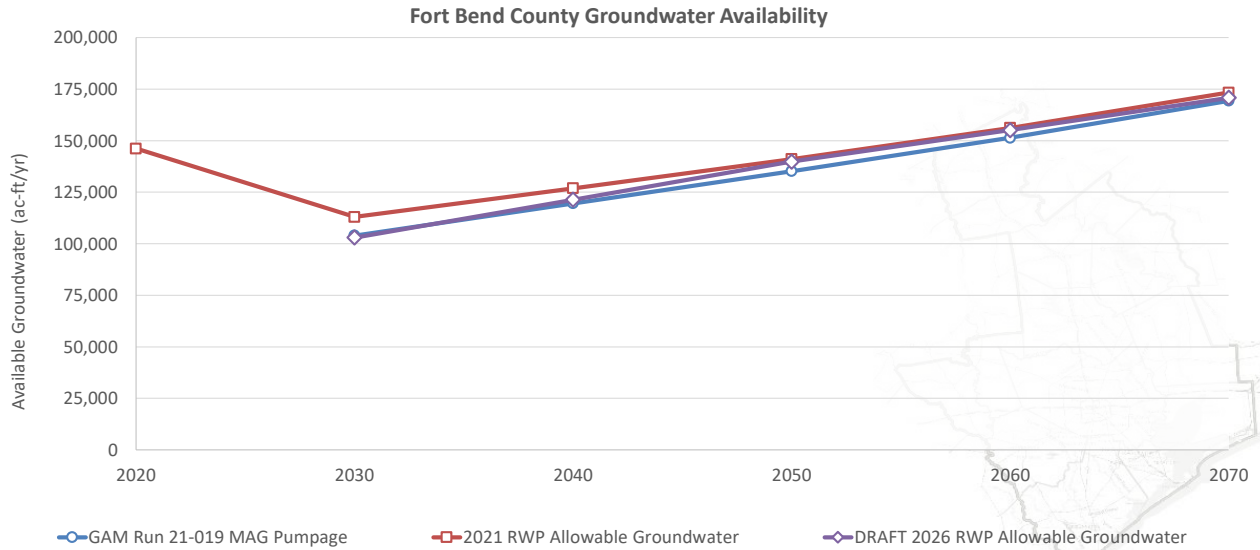
Agenda Item 6c Modeled Available Groundwater

Gulf Coast Aquifer - GMA 14 MAG 2030 (ac-ft/yr)

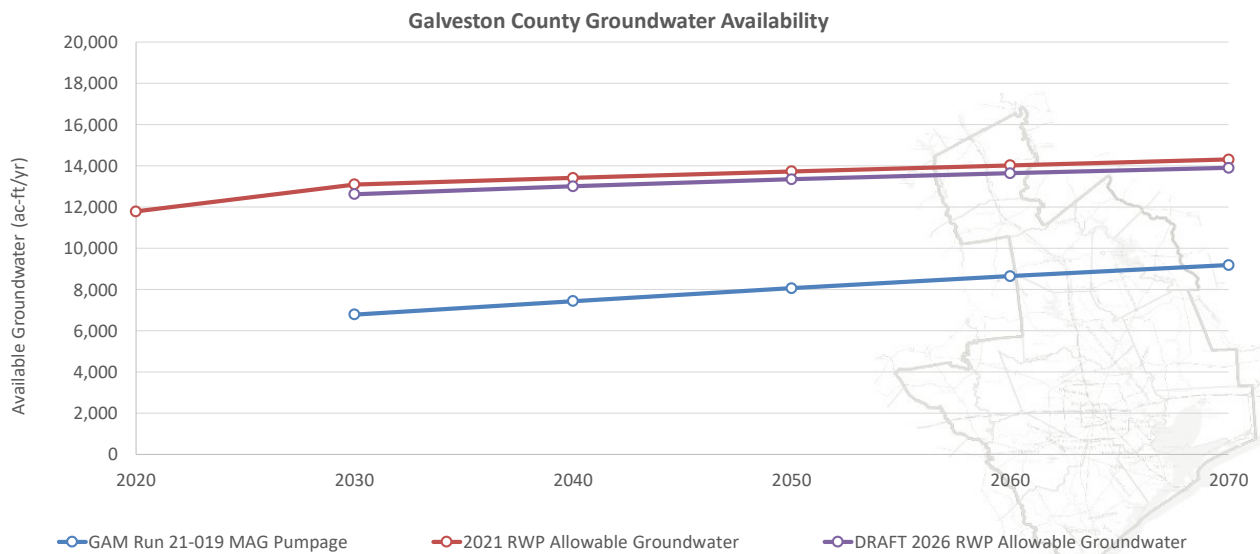


Freese and Nichols, Inc. | INTERA Inc.

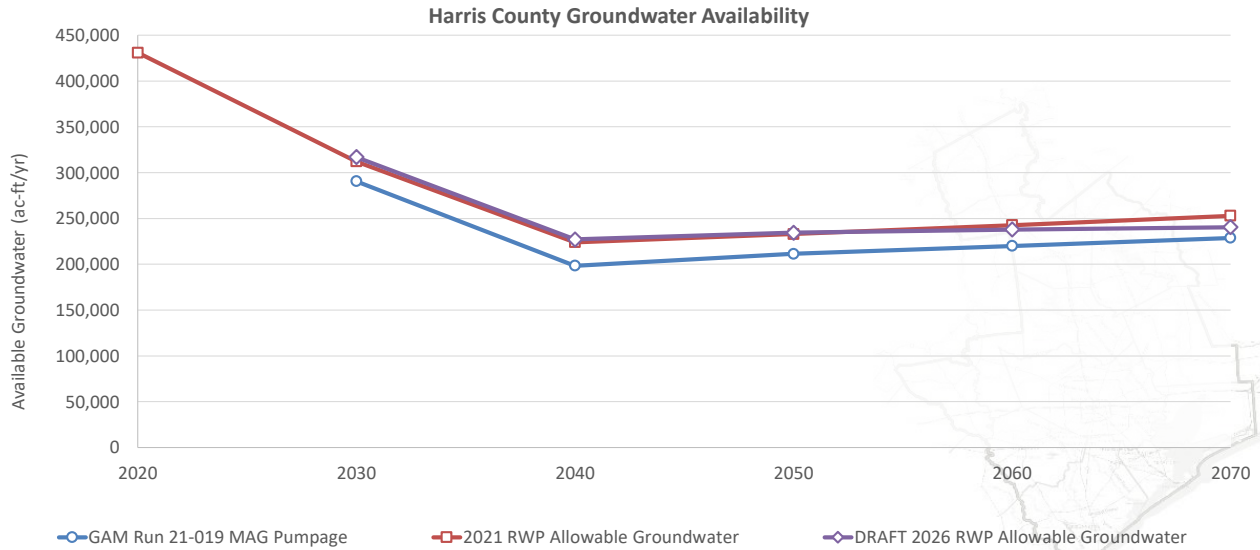
Agenda Item 6c Modeled Available Groundwater



Agenda Item 6c Modeled Available Groundwater

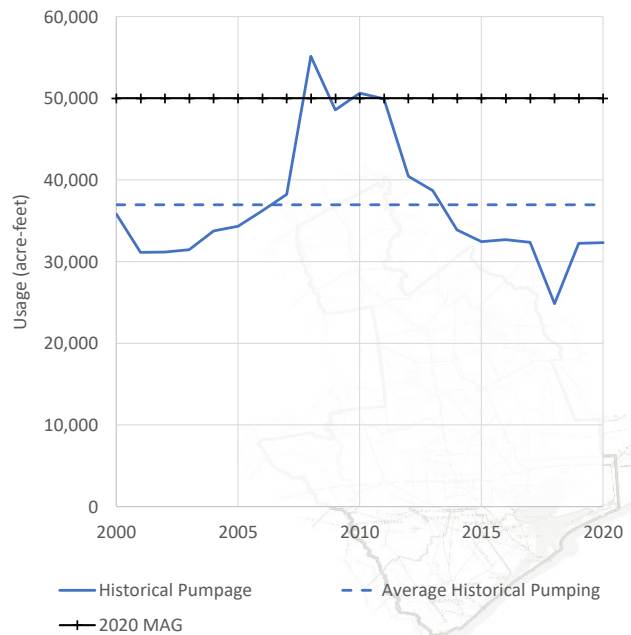


Agenda Item 6c Modeled Available Groundwater



Agenda Item 6c Modeled Available Groundwater

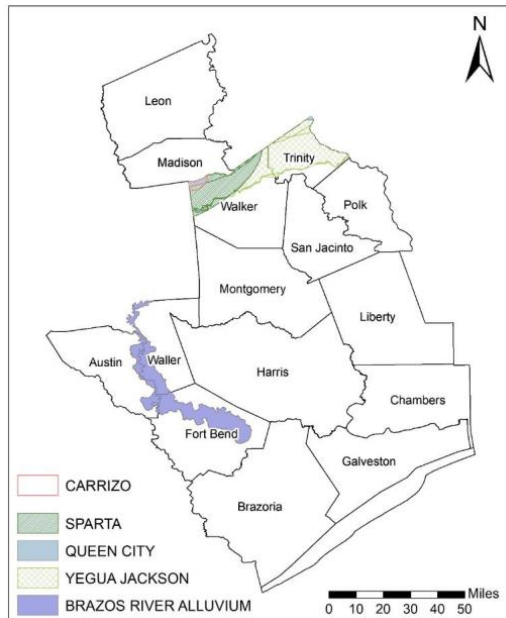
- Existing infrastructure assessment
- MAG Peak Factor analysis
- WUG-level supply allocation



Agenda Item 6d

Receive update from Consultant Team and Groundwater Supply Committee regarding evaluation of existing groundwater supplies in portions of aquifers deemed non-relevant by the Joint Planning process.

Agenda Item 6d Non-MAG Availability



Non-relevant aquifers

- Austin, Waller, and Fort Bend Counties
 - Brazos River Alluvium
- Austin and Walker Counties
 - Other alluvial formations
- Trinity County
 - Queen City and Yegua-Jackson
- Walker County
 - Carrizo-Wilcox, Queen City, Yegua-Jackson, and Sparta

Freese and Nichols, Inc. | INTERA Inc.

Agenda Item 6d Non-MAG Availability

2021 RWP Supplies

Aquifer	County	Available Groundwater (ac-ft/yr)					
		2020	2030	2040	2050	2060	2070
Brazos River Alluvium	Austin	7,944	7,944	7,944	7,944	7,944	7,944
Brazos River Alluvium	Waller	12,027	12,027	12,027	12,027	12,027	12,027
Carrizo-Wilcox	Walker	2,099	2,099	2,099	2,099	2,099	2,099
Gulf Coast Catahoula Formation*	Montgomery	8,760	8,760	8,760	8,760	8,760	8,760
Queen City	Trinity	0	0	0	0	0	0
Queen City	Walker	229	229	229	229	229	229
San Bernard River Alluvium	Austin	520	520	520	520	520	520
San Jacinto River Alluvium	Walker	1,450	1,450	1,450	1,450	1,450	1,450
Sparta	Walker	2,350	2,350	2,350	2,350	2,350	2,350
Trinity River Alluvium	Walker	3,913	3,913	3,913	3,913	3,913	3,913
Yegua-Jackson	Trinity	2,191	2,191	2,191	2,191	2,191	2,191
Yegua-Jackson	Walker	4,174	4,174	4,174	4,174	4,174	4,174

* Catahoula Aquifer supplies based on permitted production.

Freese and Nichols, Inc. | INTERA Inc.

Agenda Item 6e

Discuss upcoming technical committee activities.

Agenda Item 6e

Technical Committees



Groundwater

- Review of non-MAG availability
- MAG Peak Factor evaluation



Brazos Alluvium

- Continued issue research
- Interregional Coordination



Surface Water

- Review of availability modeling
- Variance request



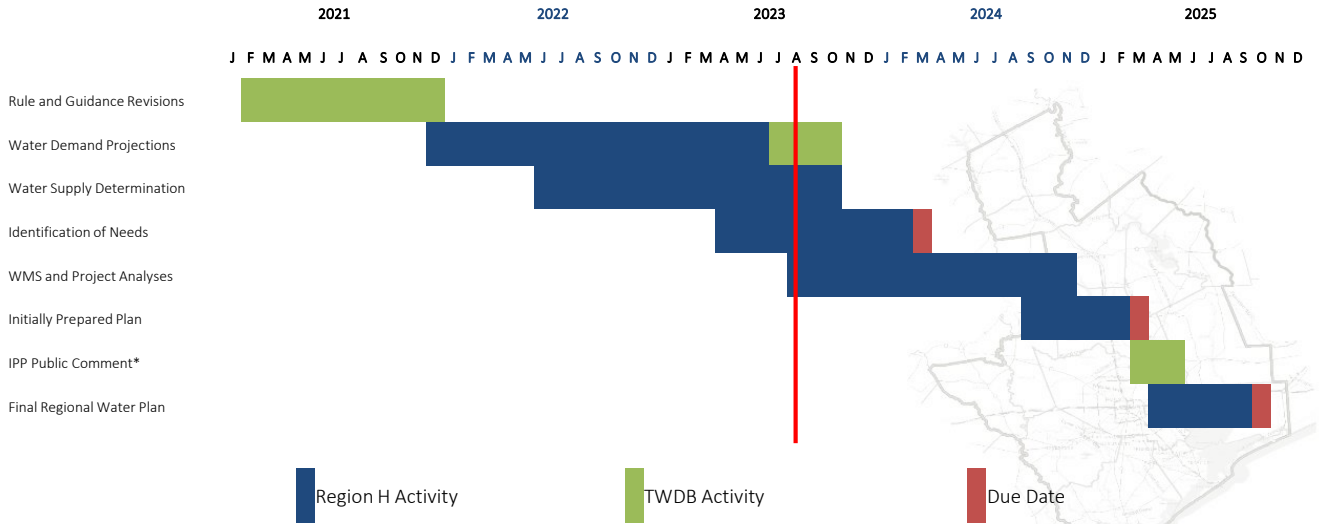
Water Management Strategy

- Identification of Potentially Feasible WMS
- Develop WMS Evaluation methodology
- Identification of Infeasible WMS

Agenda Item 7a

Receive update regarding the schedule and milestones for the development of the 2026 Region H RWP.

Agenda Item 7a 2026 RWP Schedule



*Region H accepts public comment throughout the planning cycle and at each RWPG and committee meeting.

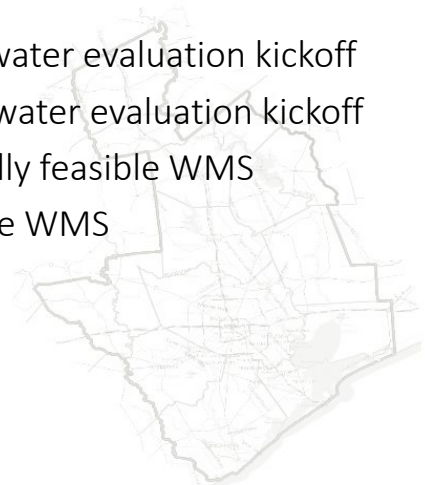
Agenda Item 7a 2026 RWP Schedule

Date	Scheduled Events/Tasks
08/2023	RWPG Meeting
08/2023	Municipal projection review concludes / requests due to TWDB
11/2023	RWPG Meeting
10/2023	TWDB adoption of projections
03/2024	Technical Memorandum due to TWDB
06/2024	Infeasible WMS Amendments due to TWDB
03/2025	Initially Prepared Plan due to TWDB
10/2025	RWP due to TWDB

Agenda Item 7a 2026 RWP Schedule



- Activities / Committee Meetings
 - Groundwater evaluation kickoff
 - Surface water evaluation kickoff
 - Potentially feasible WMS
 - Infeasible WMS



Agenda Item 7b

Receive update from liaisons to other planning groups.

Agenda Item 7b Liaison Updates

Region C	Brazos G	Region 6	Region 8
Kevin Ward	Zach Holland	Brandon Wade	Glenn Lord
IPC / Chairs	GMA 12	GMA 14	Other
Mark Evans	David Bailey	Gary Ashmore	RWPG Members

Agenda Item 7c

Receive report regarding recent and upcoming activities related to communications and outreach efforts on behalf of the RHWPG.

Agenda Item 7c

Community Outreach

- September 2023
Bayou Preservation Association



Agenda Item 7d

Agency communications and general information.

From: [RegionalWaterPlanning](#)
To: [RegionalWaterPlanning](#)
Cc: [OOP-WSP-RWP](#); [Katie Dahlberg](#); [Temple McKinnon](#); [Matt Nelson](#)
Subject: Regional Water Planning Newsletter - July 2023
Date: Thursday, July 20, 2023 1:28:59 PM

Regional Water Planning Newsletter – July 2023

Good afternoon RWPG Stakeholders,

Please see below the July newsletter with updates from the Regional Water Planning program.

Remaining projections timeline

As of July 14, 2023, all RWPGs have submitted revision requests for non-municipal demand projections. TWDB Projections and Socioeconomic Analysis team is reviewing the requests and will follow up with the RWPG consultants with any questions. We appreciate the planning group members' and consultants' diligent work on developing these revision requests.

As a reminder of the remaining projections process, the deadline for submitting RWPG revision requests for population and municipal demand projections is **August 11, 2023**. Please review Section 2.2 of the [General Guidelines for Development of the 2026 Regional Water Plans \(Exhibit C\)](#) for required supporting documentation when submitting revision requests. **This supporting documentation and the Excel template file must accompany revision requests.**

Later this year, the TWDB Board will consider adoption of population and demand projections for all planning groups. The Board-adopted population and water demand projections are required to be used in developing the regional water plans. If revisions are requested to be made to Board-adopted projections, the planning groups must utilize a separate amendment process for projections, and no TWDB grant funds may be utilized for that additional work.

To assist planning group members in understanding the population projections revision request process, TWDB recently developed the following informational summary document: [Summary of the Population Revision Request Process for Regional Water Planning](#).

Contract amendments to increase RWPG grant funds

The 88th Texas Legislature approved an increase of \$1.3 million in additional appropriations to be allocated to regional water planning groups. Additional funds for the remainder of the planning cycle will be incorporated into contract amendments this fall. Regional water planning staff anticipates seeking TWDB Board approval of these contract amendments in August.

A portion of the additional appropriations are intended to support rural outreach efforts by planning groups. No new scope of work task will be developed as any additional surveying efforts deemed appropriate by planning groups would fall under Task 10 in the regional water planning grant

contract scope of work. The TWDB will be providing supporting information in the near future.

Uncertainty in regional water planning

The 2026 Regional Water Plans are the first set of plans which must explicitly document how the RWPG addresses uncertainty in their planning process (or document that they did not). Details of this documentation are addressed in the regional water planning grant contract guidance document [Exhibit C, Section 2.7.2](#).

Regional water planning staff has also recently developed a new educational document summarizing [Uncertainty in Regional Water Planning](#).

Technical memorandum

The Technical Memorandum, a mid-point contract deliverable, is due to the TWDB **March 4, 2024**. While the full list of content requirements is outlined in [Exhibit C, Section 2.12.1](#), some of the key items include:

- Population, water demands, availability, supplies, and water needs data reports.
- Methodologies to determine surface water availabilities and RWPG-estimated groundwater availabilities to date.
- RWPG documented process to identify potentially feasible water management strategies.
- List of potentially feasible water management strategies identified to date.
- List of infeasible water management strategies and projects identified from the 2021 RWPs.
- Hydrologic variance requests submitted to the TWDB and the TWDB's approval to date.
- Summary of region's interregional coordination efforts to date.

Upcoming RWPG activities

Prior to the Technical Memorandum deadline, RWPGs will need to address the following planning activities:

- Approve and submit [to the TWDB] hydrologic variances for existing surface water sources.
- Conduct an analysis of infeasible water management strategies and/or projects in the 2021 RWPs.
- Hold a public meeting to
 - Present results of the infeasible water management strategy analysis from the 2021 RWPs.
 - Present the RWPG's process for identifying potentially feasible water management strategies for the 2026 RWPs.
 - These two items must be presented at the same public meeting. This meeting is subject to a 14-day public notice/comment period.
- Hold a public meeting to approve the Technical Memorandum. This meeting is also subject to a 14-day public notice/comment period.

RWPG consultants will also need to complete data entry for source availability and water user group supplies prior to submitting the Technical Memorandum. The regional water planning data entry application was opened for data entry in June.

Interregional Planning Council

- The third meeting of the Interregional Planning Council (Council) will be held on August 15th. While these meetings are open to the public, only the region's appointed Council member or their appointed alternate may vote on Council action items.
- The Council's report to the TWDB is due **March 4, 2024**. Should the Council include recommendations to RWPGs, this provides time for planning groups to potentially address

recommendation prior to the draft regional water plan deadline of March 3, 2025.

- Information on upcoming meetings and resources can be found on the updated Council website: <https://www.twdb.texas.gov/waterplanning/rwp/ipc/2027IPC.asp>

Reminders and Previous Updates

- The 2026 Regional Water Plan Working Schedule was updated in March 2023 and is available online at: http://www.twdb.texas.gov/waterplanning/rwp/planningdocu/2026/projectdocs/Working_Schedule_2026RWPs.pdf
 - The regional and state water planning rules pamphlet – that conveniently condenses all the key water planning statute and rules for use by RWPGs, Sponsors, and their Consultants - was updated as of May 2022: http://www.twdb.texas.gov/waterplanning/rwp/planningdocu/2026/projectdocs/RWP_RulePamphlet.pdf
 - Visit the TWDB's *Sixth Cycle of Regional Water Planning Documents* webpage to view communications from TWDB during this planning cycle, project documents including a working schedule, contract documents, and administrative documents. These documents may be found at: <http://www.twdb.texas.gov/waterplanning/rwp/planningdocu/2026/documents.asp>
 - Visit the TWDB's *Regional Water Planning Educational Information* webpage to view educational documents related to regional and state planning: <https://www.twdb.texas.gov/waterplanning/rwp/education/index.asp>
 - The TWDB receives and maintains a database of all the RWPG member email addresses from the region's sponsor. Sponsors should provide any updated email addresses to your TWDB Regional Water Planner to ensure our membership database is up to date and that all RWPG members receive these newsletters etc. For regions that have members without email addresses, please forward these communications to those members by mail or another effective means.
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Contact TWDB

Please contact your region's TWDB Regional Water Planner for any additional information. Current Regional Water Planner assignments are as follows:

- Regions D, P: Ron Ellis (Team Lead), Ron.Ellis@twdb.texas.gov
- Regions A, L, N: Michele Foss, Michele.Foss@twdb.texas.gov
- Regions B, C, M, O: Kevin Smith, Kevin.Smith@twdb.texas.gov
- Regions E, F, H: Heather Rose, Heather.Rose@twdb.texas.gov
- Regions G, J, I, K: Lann Bookout, Lann.Bookout@twdb.texas.gov

For more information regarding the TWDB Regional Water Planning Program, please visit [our website](#).

Note: This email was sent to all RWPG members, sponsors, and technical consultants. A copy of this newsletter will be posted on the regional water planning newsletter [webpage](#).

Best,

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