

August 7, 2024

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Mr. Bryan McMath
Executive Administrator
Texas Water Development Board
1700 Congress Avenue
Austin, Texas 78701

Re: Amendment to the 2021 Region H Water Plan

Dear Mr. McMath:

The Region H Water Planning Group (RHWPG) has reviewed, considered, and approved the amendment of the 2021 Region H Regional Water Plan (RWP) to include a recommended Water Management Strategy (WMS) and associated WMS Project for the Baytown Area Water Authority (BAWA) East Surface Water Treatment Plant Expansion. The RHWPG wishes to submit a completed RWP amendment package, attached with this letter, to the Texas Water Development Board (TWDB).

This action follows Texas Water Development Board (TWDB) determination of minor amendment status for these revisions on June 24, 2024. In accordance with TWDB's determination of minor amendment status and the requirements of 31 Texas Administrative Code §357, the RHWPG provided 14-day notice prior to the August 7, 2024 RHWPG meeting to consider public comments and adoption of the amendment. In recognition of the need for the amendment in order to better reflect current infrastructure capacity and planned WMS, the RHWPG took formal action at the meeting to approve the amendment.

Should you have any further questions regarding this submittal, please feel free to contact me at 281.440.3942 or mevans@nhcrwa.com or the Region H consultant, Philip Taucer, at 713.600.6835 or philip.taucer@freese.com. The RHWPG appreciates the guidance which has been provided by TWDB staff regarding the technical and administrative requirements of the amendment process.

Sincerely,

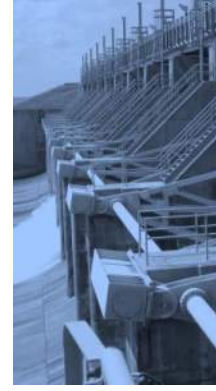


Mark Evans
Region H Chair

cc: Heather Rose, TWDB

REGION H

Water Planning Group



AMENDMENT TO 2021 REGION H REGIONAL WATER PLAN

BAWA EAST SURFACE WATER TREATMENT PLANT EXPANSION

Prepared for:
Region H Water Planning Group and
Texas Water Development Board

With assistance from:
Freese and Nichols, Inc.

August 2024

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Amendment to 2021 Region H Regional Water Plan: BAWA East Surface Water Treatment Plant Expansion

Prepared for:

Region H Water Planning Group and
Texas Water Development Board

With assistance from:

Freese and Nichols, Inc.

TBPE Reg. No. F-2144



August 2024

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Attachment 2	Additional Appendix 5-B Technical Memorandum
Attachment 3	Revised Appendix 6-B Table
Attachment 4	Revised Appendix 9-A Tables
Attachment 5	Revised Appendix DB Tables
Attachment 6	Documentation of Public Process

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

A.1 INTRODUCTION AND PLANNING GROUP ACTION

The City of Baytown has requested that the 2021 Region H Regional Water Plan (RWP) be amended to include Baytown's planned Baytown Area Water Authority (BAWA) East Surface Water Treatment Plant (SWTP) Expansion as a recommended Water Management Strategy (WMS) with an associated recommended WMS Project. The Region H Water Planning Group (RHWPG), at its May 4, 2022 regular public meeting, received a presentation regarding the amendment request. At the same meeting, the RHWPG took formal action to approve the submittal of an application package to Texas Water Development Board (TWDB) for confirmation of minor amendment status of the amendment. TWDB subsequently confirmed that the proposed inclusion of the BAWA East SWTP Expansion WMS and WMS Project constituted a minor amendment. After a public comment period held in accordance with RWP requirements, the RHWPG took action at its August 7, 2024 regular public meeting to adopt the proposed amendment to the 2021 RWP. The subsequent sections of this amendment package detail the changes made to the 2021 Region H RWP and document the associated administrative and public process.

A.2 SUMMARY OF AMENDMENT AND ASSOCIATED EVALUATION

A.2.1 Background

BAWA is a wholesale provider of treated water to municipal water systems in eastern Harris and western Chambers Counties in Region H, including the City of Baytown and multiple Fresh Water Supply Districts and Municipal Utility Districts. BAWA utilizes surface water obtained under contract from the City of Houston and diverted from two take points on the Coastal Water Authority canal system. This raw water is treated at BAWA's original Fritz Langham SWTP as well as the newer East SWTP. In order to meet the needs of current and future customers, BAWA has identified the need to expand the treatment capacity of the BAWA East SWTP.

Major project components include development of additional treatment units and storage in order to increase treatment capacity from 6 mgd to 12 mgd, resulting in an additional 6 mgd (6,720 ac-ft/yr) of treated water capacity. The additional treatment infrastructure will be located on the existing SWTP site, limiting the required permitting and the need for development of additional conveyance to connect to source water or BAWA's wholesale transmission system. This location at the existing facility site, along with the small project footprint, is anticipated to result in limited construction disturbance and required mitigation. The project increases usable supply from existing water rights, does not develop new surface water sources, and does not have a significant effect on instream flows, environmental flows, or freshwater flows to bays and estuaries.

A.2.2 Analyses Associated with Amendment

The WMS and associated project for the amendment have been evaluated in accordance with applicable statutes, rules, TWDB guidance, and the contractual requirements of the 2021 RWP. Technical analyses were performed to the same standards as those for the other recommended WMSs and projects in the 2021 Region H RWP, including but not limited to evaluations of supply development, environmental considerations, permitting and development, cost estimation, application of the RHWPG's approved WMS evaluation process, and identification of applicable Water User Groups (WUGs). All chapters and appendices of the RWP were reviewed and revised if applicable to reflect the amendment. These analyses and resultant changes are documented in the following

report sections, attachments, and in the electronic data provided to TWDB along with this report to facilitate evaluating potential adjustments in the TWDB State Water Planning Database (DB22).

Due to changes in RWP requirements and TWDB processes subsequent to adoption of the 2021 Region H RWP, this amendment packet does not include a revised project prioritization submittal. It should also be noted that the WMS utilizes the firm yield of an existing surface water supply source and does not include storage or other elements that would impact source availability. Therefore, water availability modeling is not required for the WMS and is not included as part of the amendment submittal.

A.2.3 Approach to Integrating Amendment into the RWP Data Structure

The nature of the amendment, along with the current and recommended WMS supplies associated with the relevant WUGs, requires limited adjustment to the data structure of the RWP in order to integrate the amendment. The BAWA East SWTP currently serves municipal WUGs in BAWA's service area in eastern Harris County and western Chambers County, including the City of Baytown. BAWA utilizes surface water obtained under contract from the City of Houston and diverted from two take points on the Coastal Water Authority canal system.

In order to incorporate the proposed WMS and better reflect underlying source water, the amendment reduces existing self-supply by the City of Houston by 6,720 ac-ft/yr (6 mgd), which is reassigned as an additional existing transfer to BAWA, which is not applied as an existing supply to meet WUG demand. The adjusted supply is then applied through the BAWA East SWTP Expansion WMS as transfer from BAWA to the Baytown WUG and actively applied against projected water demand for 2030 through 2070 timesteps. The WMS is associated with a companion BAWA East SWTP Expansion project in the data structure of the RWP and DB22. The WMS and project are not associated in the data structure of the RWP with other recommended WMSs or projects and do not impact supplies or details of other WMSs or projects. The amendment does not create a change in unmet need for any county-basin split of any WUG.

A.3 CONSISTENCY WITH 31 TAC §357.51(C)(2)

It is anticipated by the RHWP that the proposed amendment to incorporate the BAWA East SWTP Expansion WMS and project into the 2021 Region H RWP meets the requirements for categorization as a minor amendment based upon TWDB guidance and the requirements of Title 31 Texas Administrative Code (TAC) §357.51(C)(2). The amendment was evaluated for consistency with each of the elements of 31 TAC§357.51(C)(2).

- *31 TAC§357.51(C)(2)(A) – “does not result in over-allocation of an existing or planned source of water”*
The amendment reduces the amount shown in the RWP for an existing supply applied to WUG demands, with a corresponding amount from the same source applied to WUG supply through the added WMS. The amendment does not impact source availability or result in the over-allocation of an existing or planned source of water.
- *31 TAC§357.51(C)(2)(B) – “does not relate to a new reservoir”*
The amendment is associated with existing sources and does not relate to a new reservoir.

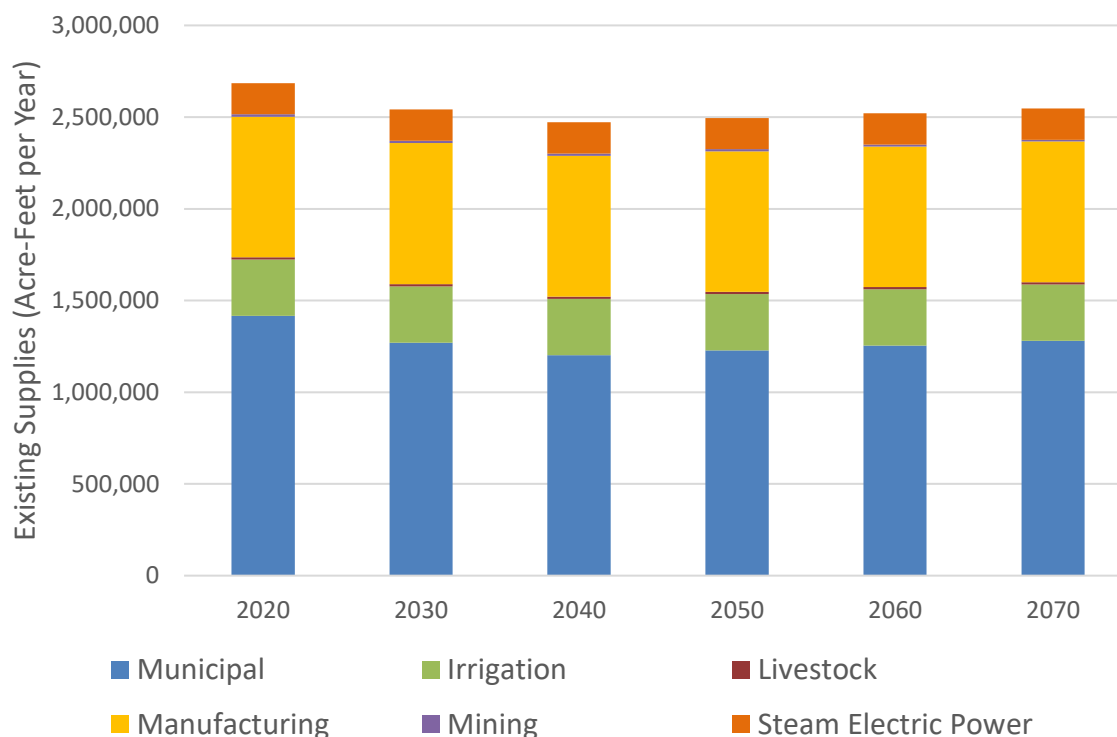
- 31 TAC§357.51(C)(2)(C) – “does not increase unmet needs or produce new unmet needs in the adopted RWP unless the increase in unmet needs or new unmet needs is the result of removing infeasible WMSs and/or WMSPs in accordance with subsection (g) of this section and Texas Water Code §16.053(h)(10)”
The amendment does not create or increase an unmet need in the RWP.
- 31 TAC§357.51(C)(2)(D) – “does not have a significant effect on instream flows, environmental flows or freshwater flows to bays and estuaries”
The amendment does not have a significant effect on instream flows, environmental flows, or freshwater flows to bays and estuaries. The project increases usable supply from existing water rights and contracts and does not develop new surface water sources.
- 31 TAC§357.51(C)(2)(E) – “does not have a significant substantive impact on water planning or previously adopted management strategies”
The WMS and associated project do not modify or impact other recommended strategies or projects in the 2021 Region H RWP and do not have a significant substantive impact on the overall nature of the Plan or its ability to meet TWDB and statutory requirements.
- 31 TAC§357.51(C)(2)(F) – “does not delete or change any legal requirements of the plan”
The amendment does not delete or change any legal requirement of the plan.

A.4 RWP MODIFICATIONS AND ADDITIONS TO VOLUME 1

A.4.1 Changes to Executive Summary

A.4.1.1 Revision of Data for Figure ES-3

Underlying data for **Figure ES-3** (page ES-5) is updated to reflect the adjustment to existing supply allocations. Note that due to the proportionally limited magnitude of change, the amendment has minimal visible impact on the figure. The amended figure is presented below.

Figure ES-3 – Existing Water Supplies by WUG Category and Decade

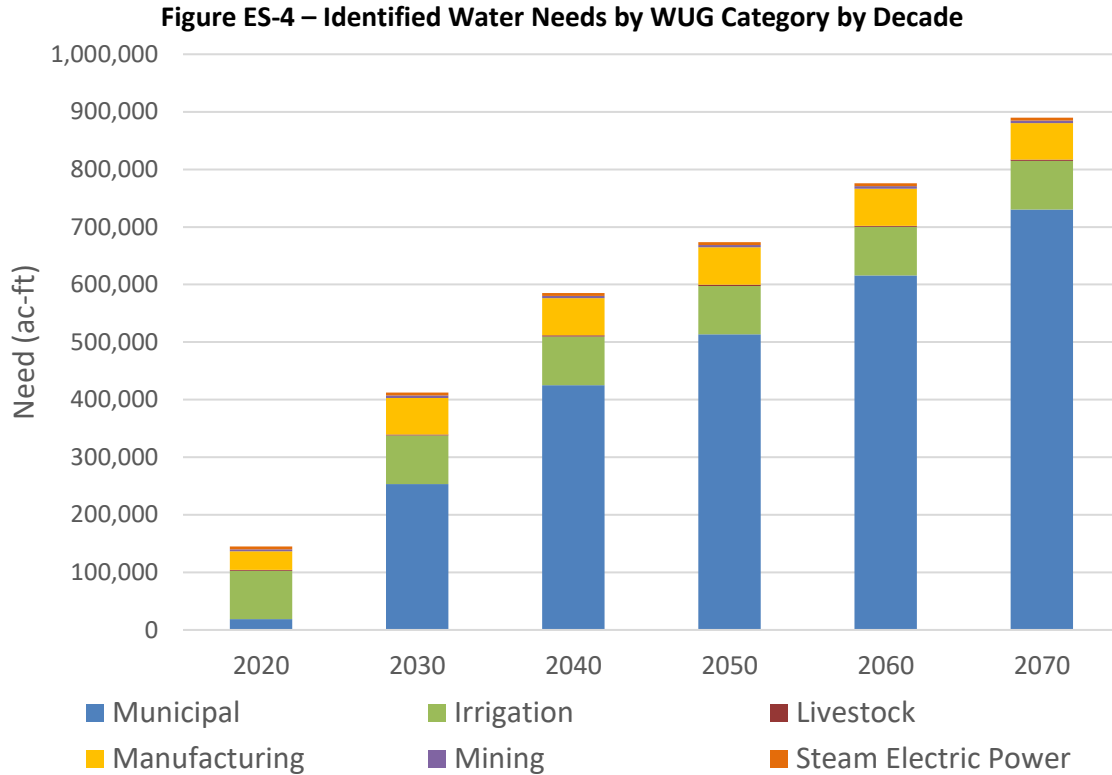
A.4.1.2 Revisions to Section ES.4 text

Section ES.4 summarizes projected water needs. The second paragraph of the section, on pages ES-5 and ES-6, is revised to reflect adjustments associated with the additional project and presented below in italic text. Revisions are indicated in yellow shading.

The projected shortages identified in the year 2020 for WUGs wholly or partly within Region H totaled 145,122 acre-feet per year, increasing to as much as 889,856 acre-feet per year in the year 2070. Needs across Region H are shown by water use category in Figure ES-4. The projections estimate lower needs compared to the 2016 RWP, largely due to the reduction in projected Manufacturing and Steam Electric Power demands. Needs identified in the 2021 RWP are discussed in further detail in Chapter 4.

A.4.1.3 Revision of Data for Figure ES-4

Underlying data for **Figure ES-4** (page ES-6) is updated to reflect the adjustment to existing supply allocations. Note that due to the proportionally limited magnitude of change, the amendment has minimal visible impact on the figure. The amended figure is presented below.



A.4.1.4 Addition to Table ES-1

Table ES-1 (pages ES-7 and ES-8) is revised to add the WMS to the list of potentially feasible WMSs and projects. The revised table is presented below, with the added information indicated with yellow shading.

Table ES-1 – Region H Potentially Feasible WMS and Projects

Conservation

Advanced Municipal Conservation and Water Loss Reduction
Irrigation Conservation

Conveyance

BWA Transmission Expansion
CHCRWA Transmission and Internal Distribution
City of Houston GRP Transmission
COH, NHCRWA, and CHCRWA Shared Transmission
CWA Transmission Expansion
East Texas Transfer
GCWA Industrial Raw Water Line
Lake Livingston to SJRA Transfer
LNVA Neches-Trinity Basin Interconnect
NFBWA Phase 2 Distribution Segments
NHCRWA Distribution Expansion

NHCRWA Transmission Lines
Southeast Transmission Line Improvements
Surfside Beach Supply Infrastructure
WHCRWA Distribution Expansion
WHCRWA/NFBWA Transmission Line

Groundwater Development

Aquifer Storage and Recovery
Brackish Groundwater Development and Groundwater Blending
BWA Brackish Groundwater Development
City of Houston Area 2 Groundwater Infrastructure
Expanded Use of Groundwater
Forestar Houston County Project
Forestar Liberty County Project
GCWA Backup Well Development
Groveton Groundwater Expansion
SJRA Catahoula Aquifer Supplies

Groundwater Reduction Plans

CHCRWA GRP
City of Houston GRP
City of Missouri City GRP
City of Richmond GRP
City of Rosenberg GRP
City of Sugar Land IWRP
Fort Bend County MUD 25 GRP
Fort Bend County WC&ID No. 2 GRP
Montgomery County MUDs 8 and 9 GRP
NFBWA GRP
NHCRWA GRP
Porter SUD Joint GRP
River Plantation and East Plantation Joint GRP
SJRA GRP
WHCRWA GRP

Reuse

City of Houston Reuse
City of Pearland Reuse
Galveston County Industrial Reuse
NFBWA Member District Reuse
NHCRWA Member District Reuse
San Jacinto Basin Regional Return Flows
Wastewater Reclamation for Industry
Wastewater Reclamation for Municipal Irrigation
Westwood Shores MUD Reuse

Surface Water Development

Allens Creek Reservoir
BRA System Operation Permit
Dow Reservoir and Pump Station Expansion
Freeport Seawater Desalination
Lake Somerville Augmentation
Lone Star Lake
Manvel Supply Expansion
NRG Cedar Bayou Desalination

Treatment

BAWA East SWTP Expansion
BWA Conventional Treatment Expansion
City of Houston Treatment Expansion
City of Houston West Water Purification Plant
GCWA Western Galveston County Treatment Expansion
Northeast Water Purification Plant Expansion
Pearland Surface Water Treatment Plant
SEWPP Additional Module

Other

Brazos Saltwater Barrier
GCWA Shannon Pump Station Expansion
LNVA Devers Pump Station Relocation
Municipal Drought Management
New and Expanded Contracts

A.4.1.5 Revision of Data for Figure ES-5

Underlying data for **Figure ES-5** (page ES-9) is updated to reflect the adjustment to existing supply allocations. Note that due to the proportionally limited magnitude of change, the amendment has minimal visible impact on the figure. The amended figure is presented below.

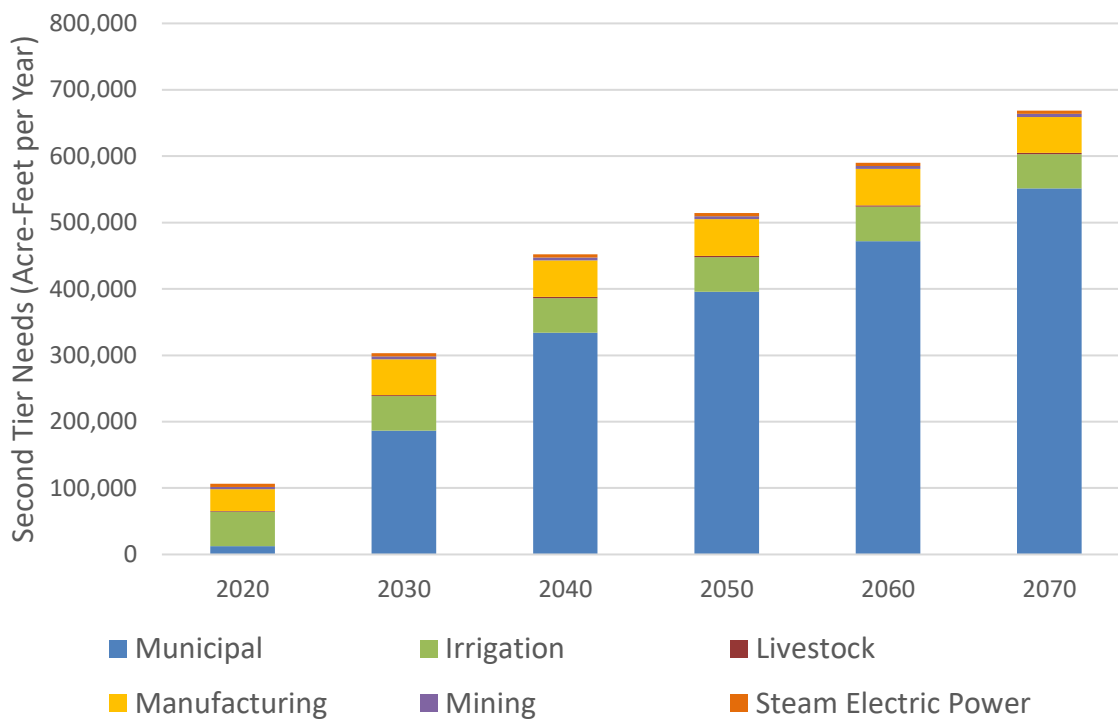
Figure ES-5 – Second Tier Needs After Application of Conservation and Direct Reuse WMS**A.4.1.6 Addition to Table ES-3**

Table ES-3 (pages ES-11 through ES-13) is revised to add the project and associated details to the overview of key projects. The revised table is presented below, with the added information indicated with yellow shading.

Table ES-3 – Key Project Overview

Project	Potential Volume ¹ (ac-ft)	Capital Cost (\$)	Unit Cost (\$/ac-ft)		Start Decade
			Start Decade	2070	
Conservation ²					
Irrigation Conservation	93,562	\$1,489,156	\$133	\$131	2020
Municipal Conservation (Advanced Conservation)	123,251	\$2,211,236,519	\$754	\$591	2020
Municipal Conservation (Water Loss Reduction)	62,601	\$891,822,048	\$625	\$578	2020
Conveyance					
BWA Transmission Expansion	26,211	\$77,755,692	\$248	\$39	2030
CHCRWA Transmission and Internal Distribution	5,466	\$17,202,167	\$238	\$16	2030
City of Houston GRP Transmission	27,216	\$31,986,905	\$91	\$8	2030
COH, NHCRWA, and CHCRWA Shared Transmission	154,575	\$545,329,786	\$282	\$24	2030
CWA Transmission Expansion	349,785	\$119,336,981	\$43	\$19	2040
East Texas Transfer	250,000	\$458,840,377	\$146	\$17	2050

Project	Potential Volume ¹ (ac-ft)	Capital Cost (\$)	Unit Cost (\$/ac-ft)		Start Decade
			Start Decade	2070	
GCWA Industrial Raw Water Line	33,600	\$45,110,104	\$104	\$9	2020
Lake Livingston to SJRA Transfer	50,000	\$245,492,975	\$437	\$92	2050
LNVA Neches-Trinity Basin Interconnect	67,000	\$103,316,000	\$135	\$27	2040
NFBWA Phase 2 Distribution Segments	62,496	\$83,859,522	\$104	\$9	2030
NHCRWA Distribution Expansion	143,360	\$919,703,916	\$489	\$44	2030
NHCRWA Transmission Lines	143,360	\$327,910,960	\$185	\$24	2030
Southeast Transmission Line Improvements	39,928	\$119,413,067	\$229	\$19	2030
Surfside Beach Supply Infrastructure	323	\$1,900,440	\$450	\$36	2020
WHCRWA Distribution Expansion	92,288	\$276,977,822	\$237	\$26	2030
WHCRWA/NFBWA Transmission Line	169,030	\$1,310,701,901	\$613	\$67	2030
Groundwater Development					
Aquifer Storage and Recovery	9,426	\$222,907,186	\$2,551	\$2,551	2070
Brackish Groundwater Development ³	Varies	Varies by project	Varies by WUG	Varies by WUG	2020
BWA Brackish Groundwater Development	3,136	\$33,246,167	\$579	\$370	2030
City of Houston Area 2 Groundwater Infrastructure	50,400	\$122,751,076	\$403	\$222	2030
Expanded Use of Groundwater ³	31,000+	Varies by WUG	Varies by WUG	Varies by WUG	2020
GCWA Backup Well Development	1,120	\$1,346,492	\$169	\$84	2040
Groveton Groundwater Expansion	242	\$2,211,952	\$699	\$56	2020
SJRA Catahoula Aquifer Supplies	10,500	\$18,200,411	\$479	\$358	2040
Groundwater Reduction Plans					
CHCRWA GRP ⁴	5,466	\$0	\$0	\$0	2030
City of Houston GRP ⁴	124,914	\$0	\$0	\$0	2020
City of Missouri City GRP	25,760	\$87,837,323	\$405	\$165	2030
City of Richmond GRP	7,178	\$70,936,844	\$1,108	\$285	2020
City of Rosenberg GRP	3,920	\$12,963,110	\$261	\$29	2030
City of Sugar Land IWRP	15,492	\$133,134,039	\$1,210	\$390	2030
Fort Bend County MUD 25 GRP	1,120	\$26,718,250	\$2,541	\$862	2030
Fort Bend County WC&ID No. 2 GRP	6,720	\$63,535,966	\$1,106	\$440	2030
Montgomery County MUDs #8 and #9 GRP	2,240	\$30,510,375	\$1,875	\$917	2020
NFBWA GRP ⁴	62,496	\$0	\$0	\$0	2030
NHCRWA GRP ⁴	143,360	\$0	\$0	\$0	2030
Porter SUD Joint GRP	2,240	\$26,862,532	\$1,542	\$699	2020
River Plantation and East Plantation Joint GRP ⁵	51	\$0	\$0	\$0	2030
SJRA GRP	100,000	\$998,910,850	\$697	\$340	2030
WHCRWA GRP ⁴	92,288	\$0	\$0	\$0	2030
Reuse					
City of Houston Reuse	242,554	\$555,093,731	\$373	\$139	2040
City of Pearland Reuse	1,154	\$12,648,000	\$913	\$142	2030
Galveston County Industrial Reuse	22,400	\$90,746,960	\$564	\$279	2030

Project	Potential Volume ¹ (ac-ft)	Capital Cost (\$)	Unit Cost (\$/ac-ft)		Start Decade
			Start Decade	2070	
NFBWA Member District Reuse	3,816	\$46,640,088	\$1,695	\$835	2020
NHCRWA Member District Reuse	300	\$4,295,775	\$1,913	\$905	2020
San Jacinto Basin Regional Return Flows ⁴	119,673	\$0	\$0	\$0	2020
Wastewater Reclamation for Municipal Irrigation	19,776	\$181,028,437	\$1,308	\$896	2030
Westwood Shores MUD Reuse	150	\$2,031,251	\$1,921	\$968	2020
Surface Water Development					
Allens Creek Reservoir	99,650	\$365,446,301	\$211	\$39	2040
BRA System Operation Permit ⁴	78,276	\$0	\$0	\$0	2020
Dow Reservoir and Pump Station Expansion	80,000	350,000,000	\$373	\$66	2030
Freeport Seawater Desalination	11,200	155,877,822	\$2,273	\$1,293	2040
Manvel Supply Expansion	15,680	\$269,052,608	\$1,488	\$309	2030
NRG Cedar Bayou Desalination	22,400	\$342,840,391	\$2,637	\$1,560	2030
Treatment					
BAWA East SWTP Expansion	6,720	\$51,112,545	\$714	\$179	2030
BWA Conventional Treatment Expansion	8,400	\$19,085,165	\$351	\$191	2030
City of Houston Treatment Expansion ⁴	89,396	\$0	\$0	\$0	2040
City of Houston West Water Purification Plant	103,385	\$959,257,534	\$1,418	\$407	2040
GCWA Western Galveston County Treatment Expansion	22,400	\$167,919,105	\$894	\$367	2030
Northeast Water Purification Plant Expansion	448,000	\$2,179,413,588	\$615	\$272	2030
Pearland Surface Water Treatment Plant	22,400	\$232,787,093	\$973	\$242	2030
SEWPP Additional Module	22,400	\$97,597,266	\$497	\$191	2030
Other Infrastructure					
Brazos Saltwater Barrier	10,000	\$67,552,043	\$517	\$42	2040
GCWA Shannon Pump Station Expansion	162,400	\$65,801,381	\$35	\$7	2030
LNVA Devers Pump Station Relocation	88,704	\$17,570,019	\$17	\$4	2030

A.4.1.7 Revisions to Section ES.9 Text

Section ES.9 summarizes reporting of financing mechanisms for WMS. The second paragraph of the section, on page ES-20, is revised to reflect the additional project and presented below in italic text. Revisions are indicated in yellow shading.

With the assistance of the RHWPG, TWDB conducted a survey of water utilities related to the anticipated cost of infrastructure and approaches to fund these projects. Anticipated costs developed as part of the RWP were submitted to WUGs in order to determine their interest in pursuing one or more of the financial assistance programs offered by TWDB. Survey responses were returned by 24 sponsors (approximately 6.4 percent) of the 376 who received the survey. The surveys captured 79 projects and approximately \$6.4 billion in identified capital projects. Results demonstrated a need for approximately \$823 million in State funding for project planning, design, permitting and acquisition costs and \$4.8 billion for construction of projects. The total anticipated need for State funding totaled \$5.6 billion, per the surveys. Additional information is contained in Chapter 9.

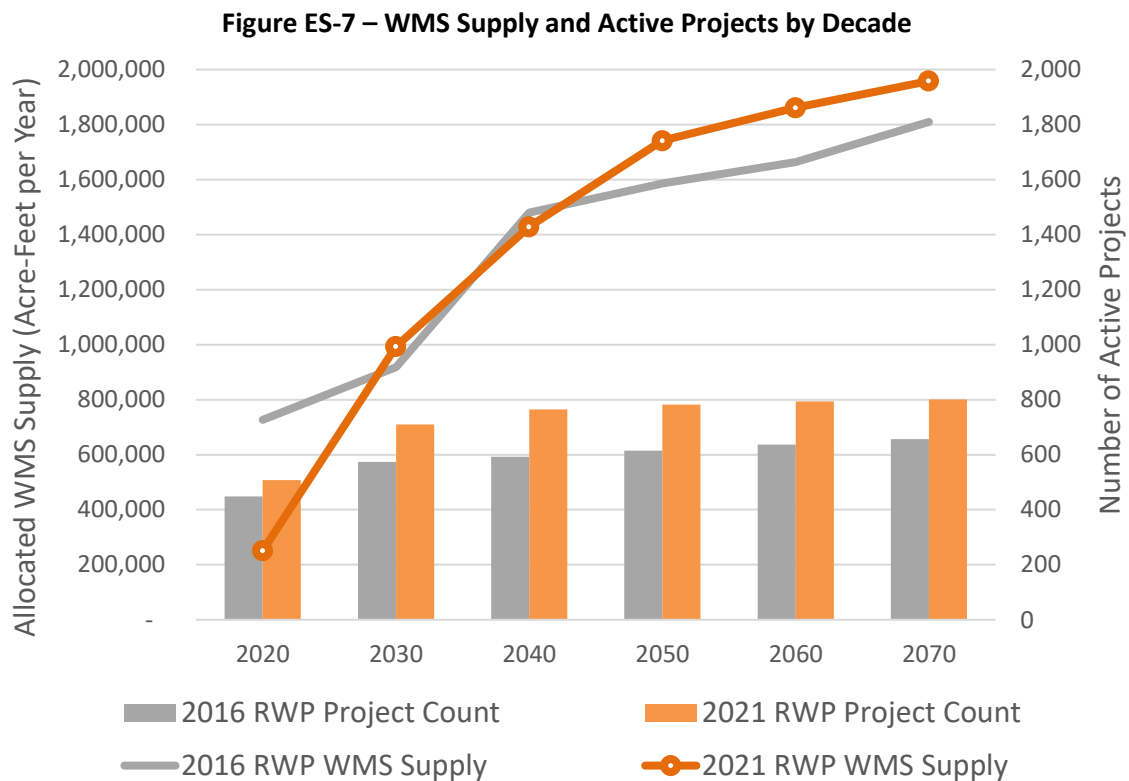
A.4.1.8 Revisions to Section ES.11 Text

Section ES.11 summarizes implementation of strategies and projects and comparison to the preceding RWP. The sixth paragraph of the section, on pages ES-21 and ES-22, is revised to reflect the additional project and presented below in italic text. Specific changes are indicated in yellow shading.

In total, the RHWPG has recommended 62 WMSs and 820 projects in the 2021 RWP. This compares to 58 WMSs and 656 capital projects identified in the 2016 RWP. Allocations of WMS supplies in the 2021 RWP differ from those in the 2016 RWP for a number of reasons, including differences in projected WUG demands, establishment of new existing contracts between water providers and WUG customers, implementation of 2016 WMS as existing supplies, changes in recommended WMS, and changes to associated project schedules. A comparison of allocated WMS volume and active project count for the two plans is presented in Figure ES-7 below.

A.4.1.9 Revision of Data for Figure ES-7

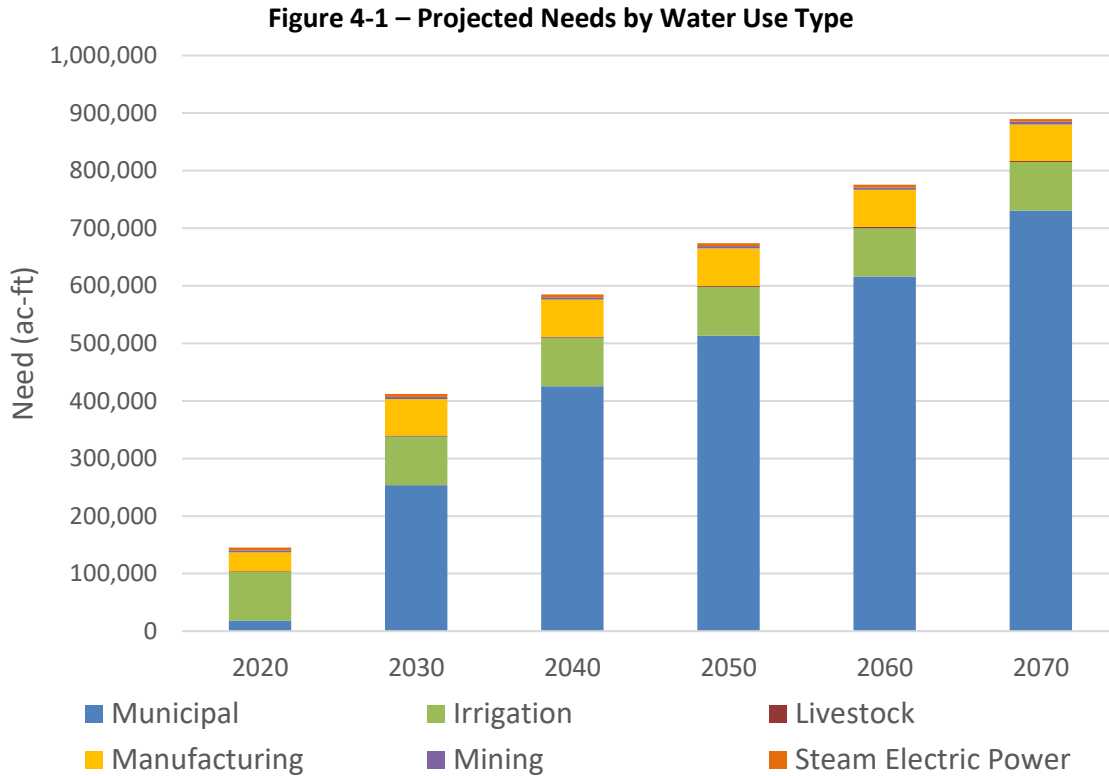
Underlying data for **Figure ES-7** (page ES-22) is updated to reflect the WMS and project. Note that due to the proportionally limited magnitude of change, the amendment has minimal visible impact on the figure. The amended figure is presented below.



A.4.2 Changes to Chapter 4 – Analysis of Needs

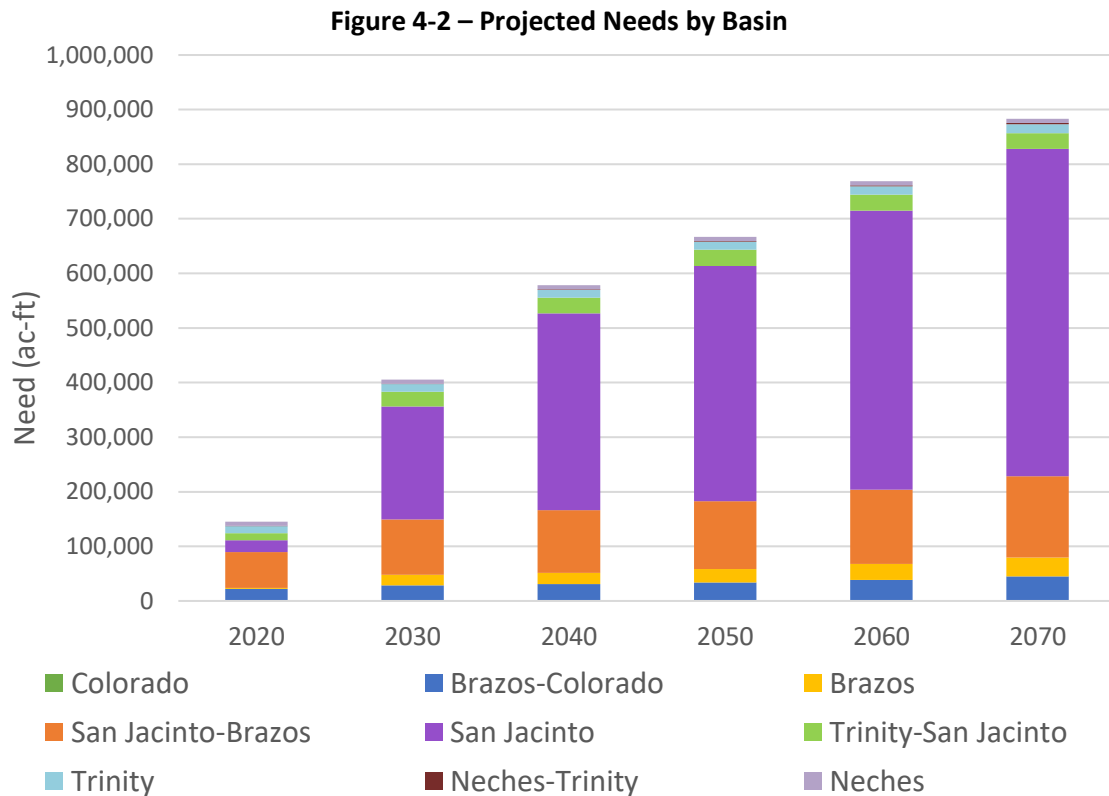
A.4.2.1 Revision of Data for Figure 4-1

Underlying data for **Figure 4-1** (page 4-2) is updated to reflect the adjustment to existing supply allocations. Note that due to the proportionally limited magnitude of change, the amendment has minimal visible impact on the figure. The amended figure is presented below.



A.4.2.2 Revision of Data for Figure 4-2

Underlying data for **Figure 4-2** (page 4-2) is updated to reflect the adjustment to existing supply allocations. Note that due to the proportionally limited magnitude of change, the amendment has minimal visible impact on the figure. The amended figure is presented below.



A.4.2.3 Revision of Data for Table 4-1

Underlying data for **Table 4-1** (pages 4-3 through 4-6) is updated to reflect the adjustment to existing supply allocations. Amended excerpts of the table for Harris County and for Regional totals are presented below. Revisions are indicated in yellow shading.

Table 4-1 – Projected Needs by County and Water Use Type (acre-feet per year)

	2020	2030	2040	2050	2060	2070
Harris						
Irrigation	0	0	0	0	0	0
Livestock	484	867	1,123	1,123	1,123	1,123
Manufacturing	7,404	20,900	21,962	22,731	21,907	20,903
Mining	2,946	2,927	2,875	2,843	2,818	2,798
Municipal	6,767	155,158	279,606	315,472	355,138	396,712
Steam Electric Power	3,581	3,581	3,581	3,581	3,581	3,581
Total	21,182	183,433	309,147	345,750	384,567	425,117

	2020	2030	2040	2050	2060	2070
Region H Total						
Irrigation	84,455	84,455	84,455	84,455	84,455	84,538
Livestock	1,259	1,642	1,898	1,898	1,898	1,906
Manufacturing	32,615	63,357	64,445	65,239	64,442	63,506
Mining	3,293	4,193	4,004	4,024	4,228	4,565
Municipal	18,532	253,548	425,264	513,253	615,854	730,373
Steam Electric Power	4,968	4,968	4,968	4,968	4,968	4,968
Total	145,122	412,163	585,034	673,837	775,845	889,856

A.4.2.4 Revision of Data for Table 4-2

Underlying data for **Table 4-2** (pages 4-7 through 4-9) is updated to reflect the adjustment to existing supply allocations. Amended excerpts of the table for Harris County and for Regional totals are presented below. Revisions are indicated in yellow shading.

Table 4-2 – Projected Needs by County and River Basin (acre-feet per year)

	2020	2030	2040	2050	2060	2070
Harris						
Trinity-San Jacinto	8,329	22,161	23,662	24,741	24,207	23,495
San Jacinto	12,284	151,194	273,371	308,148	346,198	386,075
San Jacinto-Brazos	569	10,078	12,114	12,861	14,162	15,547
Total	145,122	183,433	309,147	345,750	384,567	425,117

	2020	2030	2040	2050	2060	2070
Region H Total						
Neches	7,699	7,701	7,700	7,703	7,706	7,711
Neches-Trinity	483	763	1,061	1,398	1,771	2,168
Trinity	12,552	13,850	14,140	14,766	15,581	16,449
Trinity-San Jacinto	12,932	26,765	28,395	29,665	29,337	28,841
San Jacinto	21,624	206,972	360,936	430,830	510,719	599,619
San Jacinto-Brazos	66,082	108,223	121,192	130,963	142,834	155,268
Brazos	1,840	19,173	20,876	24,528	29,455	34,995
Brazos-Colorado	21,910	28,713	30,732	33,983	38,442	44,802
Colorado	0	3	2	1	0	3
Total	145,122	412,163	585,034	673,837	775,845	889,856

A.4.3 Changes to Chapter 5 – Water Management Strategies

A.4.3.1 Addition to Table 5-3

Table 5-3 (pages 5-10 through 5-12) is revised to add the WMS to the list of potentially feasible WMSs and projects. The revised table is presented below, with the added information indicated with yellow shading.

Table 5-3 – Region H Potentially Feasible WMS and Projects

Conservation
Advanced Municipal Conservation and Water Loss Reduction
Irrigation Conservation
Conveyance
BWA Transmission Expansion
CHCRWA Transmission and Internal Distribution
City of Houston GRP Transmission
COH, NHCRWA, and CHCRWA Shared Transmission
CWA Transmission Expansion
East Texas Transfer
GCWA Industrial Raw Water Line
Lake Livingston to SJRA Transfer
LNVA Neches-Trinity Basin Interconnect
NFBWA Phase 2 Distribution Segments
NHCRWA Distribution Expansion
NHCRWA Transmission Lines
Southeast Transmission Line Improvements
Surfside Beach Supply Infrastructure
WHCRWA Distribution Expansion
WHCRWA/NFBWA Transmission Line
Groundwater Development
Aquifer Storage and Recovery
Brackish Groundwater Development and Groundwater Blending
BWA Brackish Groundwater Development
City of Houston Area 2 Groundwater Infrastructure
Expanded Use of Groundwater
Forestar Houston County Project
Forestar Liberty County Project
GCWA Backup Well Development
Groveton Groundwater Expansion
SJRA Catahoula Aquifer Supplies
Groundwater Reduction Plans
CHCRWA GRP

City of Houston GRP
City of Missouri City GRP
City of Richmond GRP
City of Rosenberg GRP
City of Sugar Land IWRP
Fort Bend County MUD 25 GRP
Fort Bend County WC&ID No. 2 GRP
Montgomery County MUDs 8 and 9 GRP
NFBWA GRP
NHCRWA GRP
Porter SUD Joint GRP
River Plantation and East Plantation Joint GRP
SJRA GRP
WHCRWA GRP

Reuse

City of Houston Reuse
City of Pearland Reuse
Galveston County Industrial Reuse
NFBWA Member District Reuse
NHCRWA Member District Reuse
San Jacinto Basin Regional Return Flows
Wastewater Reclamation for Industry
Wastewater Reclamation for Municipal Irrigation
Westwood Shores MUD Reuse

Surface Water Development

Allens Creek Reservoir
BRA System Operation Permit
Dow Reservoir and Pump Station Expansion
Freeport Seawater Desalination
Lake Somerville Augmentation
Lone Star Lake
Manvel Supply Expansion
NRG Cedar Bayou Desalination

Treatment

BAWA East SWTP Expansion

BWA Conventional Treatment Expansion
City of Houston Treatment Expansion
City of Houston West Water Purification Plant
GCWA Western Galveston County Treatment Expansion
Northeast Water Purification Plant Expansion
Pearland Surface Water Treatment Plant
SEWPP Additional Module

Other

Brazos Saltwater Barrier
 GCWA Shannon Pump Station Expansion
 LNVA Devers Pump Station Relocation
 Municipal Drought Management
 New and Expanded Contracts

A.4.3.2 Addition to Table 5-4

Table 5-4 (pages 5-15 through 5-17) is revised to add the WMS and associated WMS Project to the summary of key WMS and project relationships. The revised table is presented below, with the added information indicated with yellow shading.

Table 5-4 – WMS and Key Project Relationships

Water Management Strategy*	WMS Project Name
Additional Supply from GCWA	WUG Infrastructure Expansion (WUG-level projects)
BAWA East SWTP Expansion	BAWA East SWTP Expansion
Brackish Groundwater Supplies	WUG Infrastructure Expansion (WUG-level projects)
Brazos Saltwater Barrier	Brazos Saltwater Barrier
CHCRWA GRP	CHCRWA Transmission and Internal Distribution
	COH, NHCRWA, and CHCRWA Shared Transmission
	Northeast Water Purification Plant Expansion
City of Houston Area 2 Groundwater Development	City of Houston Area 2 Groundwater Infrastructure
City of Houston GRP	Allens Creek Reservoir
	City of Houston GRP Transmission
	City of Houston West Water Purification Plant
	COH, NHCRWA, and CHCRWA Shared Transmission
	CWA Transmission Expansion
	Northeast Water Purification Plant Expansion
City of Houston Reuse	City of Houston Reuse
City of Pearland Reuse	City of Pearland Reuse
Dow Reservoir and Pump Station Expansion	BWA Transmission Expansion
	BWA Conventional Treatment Expansion
	Dow Reservoir and Pump Station Expansion
East Texas Transfer	East Texas Transfer
Expanded Use of Groundwater	Expanded Use of Groundwater (WUG-level projects)
Fort Bend MUD 25 GRP	Fort Bend County MUD 25 GRP
Fort Bend WC&ID 2 GRP	Fort Bend County WC&ID No. 2 GRP
Freeport Seawater Desalination	Freeport Seawater Desalination
Galveston County Industrial Reuse	Galveston County Industrial Reuse
GCWA Backup Wells	GCWA Backup Well Development
GCWA Galveston County Raw Water Expansion	GCWA Industrial Raw Water Line
	GCWA Shannon Pump Station Expansion
GCWA Galveston County Treated Water Expansion	GCWA Shannon Pump Station Expansion

Water Management Strategy*	WMS Project Name
	GCWA Western Galveston County Treatment Expansion
Groveton Groundwater Expansion	Groveton Groundwater Expansion
Industrial Supply Reallocation	WUG Infrastructure Expansion (WUG-level projects)
Irrigation Conservation	Irrigation Conservation
LNVA Devers Pump Station Relocation	LNVA Devers Pump Station Relocation
LNVA Neches-Trinity Basin Interconnect	LNVA Neches-Trinity Basin Interconnect
Manvel Supply Expansion	Manvel Supply Expansion
Missouri City GRP	City of Missouri City GRP
Montgomery County MUDs #8 and #9 GRP	Montgomery County MUDs #8 and #9 GRP
Municipal Conservation	Adv. Municipal Conservation (WUG-level projects)
New / Expanded Contract with BRA	Allens Creek Reservoir
New / Expanded Contract with BWA	BWA Brackish Groundwater Development
	BWA Transmission Expansion
	BWA Conventional Treatment Expansion
New / Expanded Contract with City of Houston	Northeast Water Purification Plant Expansion
New / Expanded Contract with GCWA	Allens Creek Reservoir
	GCWA Industrial Raw Water Line
	GCWA Shannon Pump Station Expansion
	GCWA Western Galveston County Treatment Expansion
New / Expanded Contract with LNVA	WUG Infrastructure Expansion (WUG-level projects)
New / Expanded Contract with SJRA	Lake Livingston to SJRA Transfer
	SJRA GRP
NFBWA GRP	City of Houston Reuse
	NFBWA Phase 2 Distribution Segments
	Northeast Water Purification Plant Expansion
	WHCRWA/NFBWA Transmission Line
NFBWA Member District Reuse	NFBWA Member District Reuse Infrastructure
NHCRWA GRP	City of Houston Reuse
	COH, NHCRWA, and CHCRWA Shared Transmission
	NHCRWA Distribution Expansion
	NHCRWA Transmission Lines
	Northeast Water Purification Plant Expansion
NHCRWA Member District Reuse	NHCRWA Member District Reuse Infrastructure
NRG Cedar Bayou Desalination	NRG Cedar Bayou Desalination
Other BRA System Operation Supplies	WUG Infrastructure Expansion (WUG-level projects)
Pearland SWTP	Pearland Surface Water Treatment Plant
Porter SUD Joint GRP	Porter SUD Joint GRP
Richmond GRP	Allens Creek Reservoir
	City of Richmond GRP
River Plantation and East Plantation Joint GRP	River Plantation and East Plantation Joint GRP
Rosenberg GRP	BWA Conventional Treatment Expansion
	City of Rosenberg GRP
SJRA Aquifer Storage and Recovery	SJRA Aquifer Storage and Recovery
SJRA Catahoula Aquifer Supplies	SJRA Catahoula Aquifer Supplies

Water Management Strategy*	WMS Project Name
SJRA GRP	Lake Livingston to SJRA Transfer
	SJRA GRP
SJRA Reuse Supplies for Manufacturing	WUG Infrastructure Expansion (WUG-level projects)
Southeast Transmission Line Expansion	SEWPP Additional Module
	Southeast Transmission Line Improvements
Sugar Land Advanced Demand Management	City of Sugar Land IWRP
Sugar Land IWRP	City of Sugar Land IWRP
Surfside Beach Supply Enhancement	Surfside Beach Supply Infrastructure
Wastewater Reclamation for Municipal Irrigation	Wastewater Reclamation for Municipal Irrigation
Water Loss Reduction	Water Loss Reduction (WUG-level projects)
Westwood Shores MUD Reuse	Westwood Shores MUD Reuse
WHCRWA GRP	City of Houston Reuse
	Northeast Water Purification Plant Expansion
	WHCRWA Distribution Expansion
	WHCRWA/NFBWA Transmission Line

*WMS and project names included in the TWDB Regional Planning database (DB22) may vary slightly from those shown in this summary table where necessary due to the DB22 data structure and to properly reflect project phasing and project type.

A.4.3.3 Revisions to Section 5.5.3 Text

Section 5.5.3 summarizes key WMSs and projects. The sixth paragraph of the section, on page 5-17, is revised to reflect the change in overall allocated WMS volume. Specific changes are indicated in yellow shading.

For many WUGs within the region, conservation and direct reuse projects are considered first-tier options for addressing projected needs; an assessment of need remaining (second-tier) after applying these project types but before applying other projects or WMS is included in Tables 5-A5 through 5-A7 in Appendix 5-A. The compilation of all recommended projects results in as much as 1,958,009 acre-feet per year for Region H. These allocations are detailed in Table 5-A8 in Appendix 5-A. A summary of water source supply balance after allocation of WMS supplies is shown in Table 5-A9 in Appendix 5-A. Table 5-5 below summarizes the key projects selected as part of recommended WMS along with their total potential yield, capital cost, and decade of implementation. These key projects represent substantial supply volumes, large expenditures, or important nodes in WMS supply relationships.

A.4.3.4 Addition to Table 5-5

Table 5-5 (pages 5-17 through 5-19) is revised to add the project and associated details to the overview of key projects. The revised table is presented below, with the added information indicated with yellow shading.

Table 5-5 – Key Project Overview

Project	Potential Volume ¹ (ac-ft)	Capital Cost (\$)	Unit Cost (\$/ac-ft)		Start Decade
			Start Decade	2070	
Conservation ²					
Irrigation Conservation	93,562	\$1,489,156	\$133	\$131	2020
Municipal Conservation (Advanced Conservation)	123,251	\$2,211,236,519	\$754	\$591	2020
Municipal Conservation (Water Loss Reduction)	62,601	\$891,822,048	\$625	\$578	2020
Conveyance					
BWA Transmission Expansion	26,211	\$77,755,692	\$248	\$39	2030
CHCRWA Transmission and Internal Distribution	5,466	\$17,202,167	\$238	\$16	2030
City of Houston GRP Transmission	27,216	\$31,986,905	\$91	\$8	2030
COH, NHCRWA, and CHCRWA Shared Transmission	154,575	\$545,329,786	\$282	\$24	2030
CWA Transmission Expansion	349,785	\$119,336,981	\$43	\$19	2040
East Texas Transfer	250,000	\$458,840,377	\$146	\$17	2050
GCWA Industrial Raw Water Line	33,600	\$45,110,104	\$104	\$9	2020
Lake Livingston to SJRA Transfer	50,000	\$245,492,975	\$437	\$92	2050
LNVA Neches-Trinity Basin Interconnect	67,000	\$103,316,000	\$135	\$27	2040
NFBWA Phase 2 Distribution Segments	62,496	\$83,859,522	\$104	\$9	2030
NHCRWA Distribution Expansion	143,360	\$919,703,916	\$489	\$44	2030
NHCRWA Transmission Lines	143,360	\$327,910,960	\$185	\$24	2030
Southeast Transmission Line Improvements	39,928	\$119,413,067	\$229	\$19	2030
Surfside Beach Supply Infrastructure	323	\$1,900,440	\$450	\$36	2020
WHCRWA Distribution Expansion	92,288	\$276,977,822	\$237	\$26	2030
WHCRWA/NFBWA Transmission Line	169,030	\$1,310,701,901	\$613	\$67	2030
Groundwater Development					
Aquifer Storage and Recovery	9,426	\$222,907,186	\$2,551	\$2,551	2070
Brackish Groundwater Development ³	Varies	Varies by project	Varies by WUG	Varies by WUG	2020
BWA Brackish Groundwater Development	3,136	\$33,246,167	\$579	\$370	2030
City of Houston Area 2 Groundwater Infrastructure	50,400	\$122,751,076	\$403	\$222	2030
Expanded Use of Groundwater ³	31,000+	Varies by WUG	Varies by WUG	Varies by WUG	2020
GCWA Backup Well Development	1,120	\$1,346,492	\$169	\$84	2040
Groveton Groundwater Expansion	242	\$2,211,952	\$699	\$56	2020
SJRA Catahoula Aquifer Supplies	10,500	\$18,200,411	\$479	\$358	2040
Groundwater Reduction Plans					
CHCRWA GRP ⁴	5,466	\$0	\$0	\$0	2030
City of Houston GRP ⁴	124,914	\$0	\$0	\$0	2020
City of Missouri City GRP	25,760	\$87,837,323	\$405	\$165	2030
City of Richmond GRP	7,178	\$70,936,844	\$1,108	\$285	2020
City of Rosenberg GRP	3,920	\$12,963,110	\$261	\$29	2030
City of Sugar Land IWRP	15,492	\$133,134,039	\$1,210	\$390	2030
Fort Bend County MUD 25 GRP	1,120	\$26,718,250	\$2,541	\$862	2030

Project	Potential Volume ¹ (ac-ft)	Capital Cost (\$)	Unit Cost (\$/ac-ft)		Start Decade
			Start Decade	2070	
Fort Bend County WC&ID No. 2 GRP	6,720	\$63,535,966	\$1,106	\$440	2030
Montgomery County MUDs #8 and #9 GRP	2,240	\$30,510,375	\$1,875	\$917	2020
NFBWA GRP ⁴	62,496	\$0	\$0	\$0	2030
NHCRWA GRP ⁴	143,360	\$0	\$0	\$0	2030
Porter SUD Joint GRP	2,240	\$26,862,532	\$1,542	\$699	2020
River Plantation and East Plantation Joint GRP ⁵	51	\$0	\$0	\$0	2030
SJRA GRP	100,000	\$998,910,850	\$697	\$340	2030
WHCRWA GRP ⁴	92,288	\$0	\$0	\$0	2030
Reuse					
City of Houston Reuse	242,554	\$555,093,731	\$373	\$139	2040
City of Pearland Reuse	1,154	\$12,648,000	\$913	\$142	2030
Galveston County Industrial Reuse	22,400	\$90,746,960	\$564	\$279	2030
NFBWA Member District Reuse	3,816	\$46,640,088	\$1,695	\$835	2020
NHCRWA Member District Reuse	300	\$4,295,775	\$1,913	\$905	2020
San Jacinto Basin Regional Return Flows ⁴	119,673	\$0	\$0	\$0	2020
Wastewater Reclamation for Municipal Irrigation	19,776	\$181,028,437	\$1,308	\$896	2030
Westwood Shores MUD Reuse	150	\$2,031,251	\$1,921	\$968	2020
Surface Water Development					
Allens Creek Reservoir	99,650	\$365,446,301	\$211	\$39	2040
BRA System Operation Permit ⁴	78,276	\$0	\$0	\$0	2020
Dow Reservoir and Pump Station Expansion	80,000	350,000,000	\$373	\$66	2030
Freeport Seawater Desalination	11,200	155,877,822	\$2,273	\$1,293	2040
Manvel Supply Expansion	15,680	\$269,052,608	\$1,488	\$309	2030
NRG Cedar Bayou Desalination	22,400	\$342,840,391	\$2,637	\$1,560	2030
Treatment					
BAWA East SWTP Expansion	6,720	\$51,112,545	\$714	\$179	2030
BWA Conventional Treatment Expansion	8,400	\$19,085,165	\$351	\$191	2030
City of Houston Treatment Expansion ⁴	89,396	\$0	\$0	\$0	2040
City of Houston West Water Purification Plant	103,385	\$959,257,534	\$1,418	\$407	2040
GCWA Western Galveston County Treatment Expansion	22,400	\$167,919,105	\$894	\$367	2030
Northeast Water Purification Plant Expansion	448,000	\$2,179,413,588	\$615	\$272	2030
Pearland Surface Water Treatment Plant	22,400	\$232,787,093	\$973	\$242	2030
SEWPP Additional Module	22,400	\$97,597,266	\$497	\$191	2030
Other Infrastructure					
Brazos Saltwater Barrier	10,000	\$67,552,043	\$517	\$42	2040
GCWA Shannon Pump Station Expansion	162,400	\$65,801,381	\$35	\$7	2030
LNVA Devers Pump Station Relocation	88,704	\$17,570,019	\$17	\$4	2030

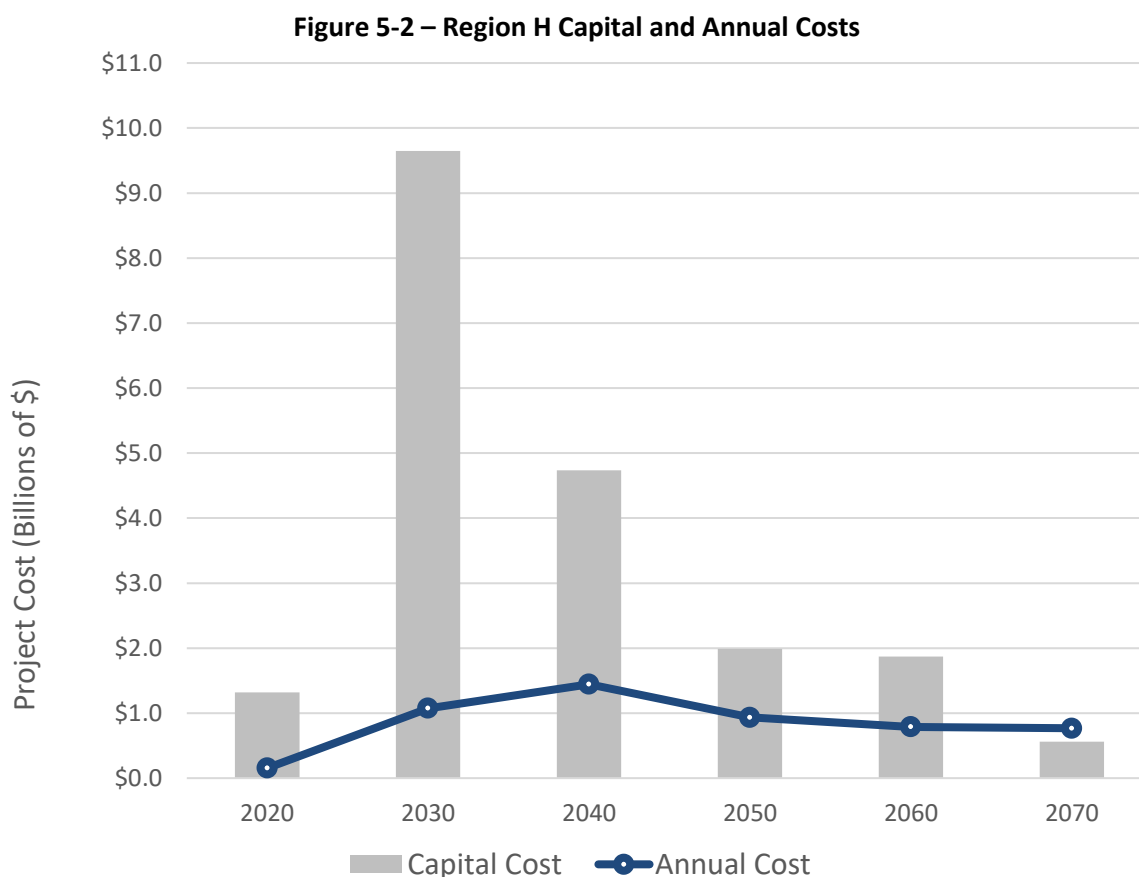
A.4.3.5 Revisions to Section 5.5.4 Text

Section 5.5.4 summarizes WMS and project cost. The first paragraph of the section, on page 5-19, is revised to reflect the change in overall project cost. Specific changes are indicated in yellow shading.

The total capital costs identified for the 2021 Region H RWP total \$20,120,085,807. These costs are distributed over the planning period as shown in Figure 5-2. Figure 5-2 also includes the annual costs anticipated over each decade of the plan. Detailed costs by project are shown in Table 5-A10 and Table 5-A11 in Appendix 5-A.

A.4.3.6 Revision of Data for Figure 5-2.

Underlying data for **Figure 5-2** (page 5-20) is updated to reflect the WMS and project. Note that due to the proportionally limited magnitude of change, the amendment has minimal visible impact on the figure. The amended figure is presented below.



A.4.4 Changes to Chapter 6 – Impacts of the RWP

A.4.4.1 Addition to Table 6-1

Table 6-1 (pages 6-3 through 6-5) is revised to add the WMS to the list of key recommended WMSs and projects. The revised table is presented below, with the added information indicated with yellow shading.

Table 6-1 – Key Recommended Water Management Strategies and Projects

Conservation
Advanced Municipal Conservation
Irrigation Conservation
Water Loss Reduction
Conveyance
BWA Transmission Expansions
CHCRWA Transmission and Distribution Expansion
City of Houston GRP Transmission
COH, NHCRWA, and CHCRWA Shared Transmission
CWA Transmission Expansion
East Texas Transfer
GCWA Industrial Raw Water Line
Lake Livingston to SJRA Transfer
LNVA Neches-Trinity Basin Interconnect
NFBWA Phase 2 Distribution Segments
NHCRWA Distribution Expansion
NHCRWA Transmission Lines
Southeast Transmission Line Improvements
Surfside Beach Supply Infrastructure
WHCRWA Distribution Expansion
WHCRWA/NFBWA Transmission Line
Groundwater Development
Aquifer Storage and Recovery
Brackish Groundwater Development
BWA Brackish Groundwater Development
City of Houston Area 2 Groundwater Infrastructure
Expanded Use of Groundwater
GCWA Backup Well Development
Groveton Groundwater Expansion
SJRA Catahoula Aquifer Supplies
Groundwater Reduction Plans
CHCRWA GRP
City of Houston GRP
City of Missouri City GRP
City of Richmond GRP
City of Rosenberg GRP
City of Sugar Land IWRP
Fort Bend County MUD 25 GRP
Fort Bend County WC&ID No. 2 GRP
Montgomery County MUDs 8 and 9 GRP
NFBWA GRP

NHCRWA GRP
 Porter SUD Joint GRP
 River Plantation and East Plantation Joint GRP
 SJRA GRP
 WHCRWA GRP

Reuse

City of Houston Reuse
 City of Pearland Reuse
 Galveston County Industrial Reuse
 NFBWA Member District Reuse
 NHCRWA Member District Reuse
 San Jacinto Basin Regional Return Flows
 Wastewater Reclamation for Municipal Irrigation
 Westwood Shores MUD Reuse

Surface Water Development

Allens Creek Reservoir
 BRA System Operation Permit
 Dow Reservoir and Pump Station Expansion
 Freeport Seawater Desalination
 Manvel Supply Expansion
 NRG Cedar Bayou Desalination

Treatment

BAWA East SWTP Expansion

BWA Conventional Treatment Expansion
 City of Houston Treatment Expansion
 City of Houston West Water Purification Plant
 GCWA Western Galveston County Treatment Expansion
 Northeast Water Purification Plant Expansion
 Pearland Surface Water Treatment Plant
 SEWPP Additional Module

Other

Brazos Saltwater Barrier
 GCWA Shannon Pump Station Expansion
 LNVA Devers Pump Station Relocation

A.4.4.2 Addition to Section 6.1.1 Text

Section 6.1.1 summarizes impacts of WMSs and projects on key parameters of water quality. The fifteenth paragraph of the section, on page 6-6, is revised to include the WMS. Specific additions are indicated in yellow shading.

Conveyance and Treatment projects, including those related to Groundwater Reduction Plans (GRPs), Southeast Transmission Line Improvements, and the GCWA Shannon Pump Station Expansion are not

expected to have any direct impact on the on key water quality parameters. However, they do facilitate the implementation of other projects that may have impacts. The development of Surfside Beach Supply Infrastructure will convey additional high-quality supplies, addressing current water quality limitations through blending. The LNVA Devers Pump Station Relocation will increase the capacity of an existing transfer to an agricultural canal system, and is not expected to have a direct impact on key water quality parameters. The BAWA East SWTP Expansion will increase the usable quantity of an existing contractual transfer through canal infrastructure, and is not expected to have a direct impact on key source water quality parameters.

A.4.5 Changes to Chapter 9 – Reporting of Financing Mechanisms for WMS

A.4.5.1 Addition to Table 9-1

Table 9-1 (pages 9-2 and 9-3) is revised to add the project and associated details to the overview of key projects. The revised table is presented below, with the added information indicated with yellow shading.

Table 9-1 – Key Project Overview

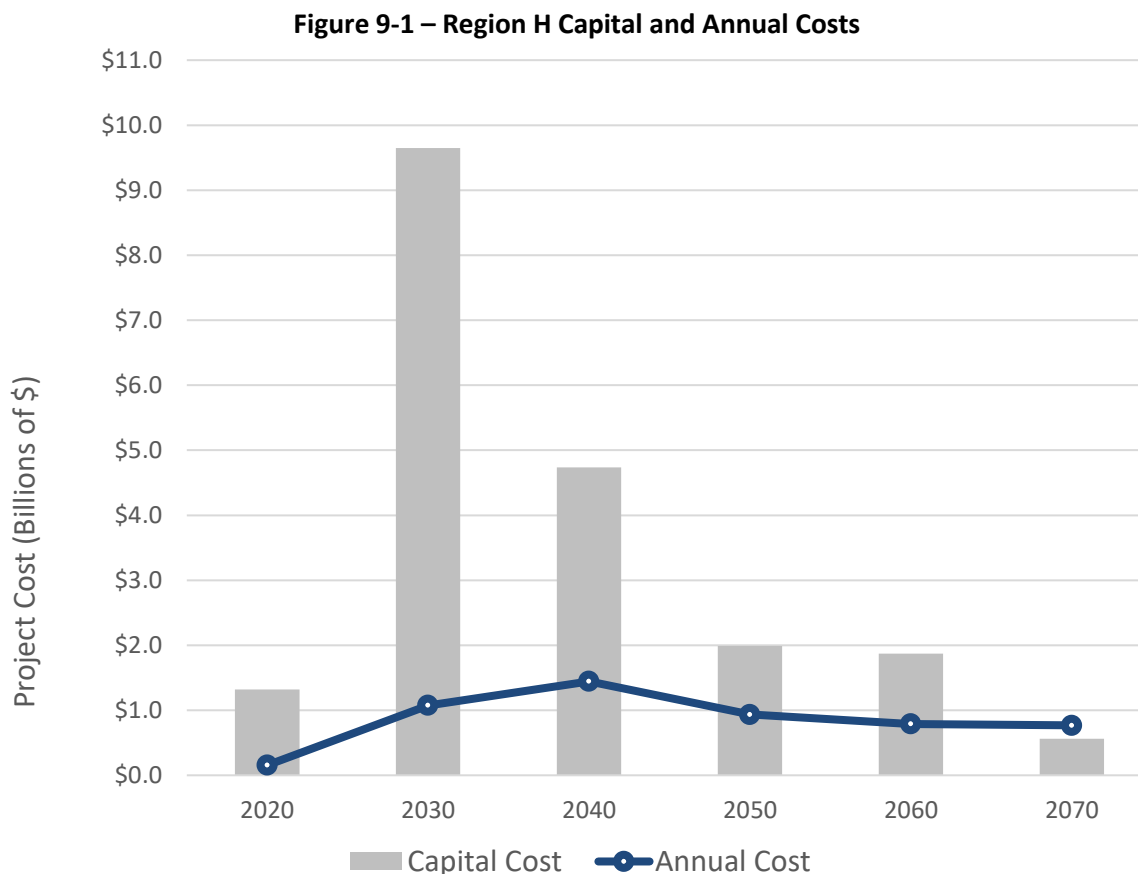
Project	Potential Volume ¹ (ac-ft)	Capital Cost (\$)	Unit Cost (\$/ac-ft)		Start Decade
			Start Decade	2070	
Conservation ²					
Irrigation Conservation	93,562	\$1,489,156	\$133	\$131	2020
Municipal Conservation (Advanced Conservation)	123,251	\$2,211,236,519	\$754	\$591	2020
Municipal Conservation (Water Loss Reduction)	62,601	\$891,822,048	\$625	\$578	2020
Conveyance					
BWA Transmission Expansion	26,211	\$77,755,692	\$248	\$39	2030
CHCRWA Transmission and Internal Distribution	5,466	\$17,202,167	\$238	\$16	2030
City of Houston GRP Transmission	27,216	\$31,986,905	\$91	\$8	2030
COH, NHCRWA, and CHCRWA Shared Transmission	154,575	\$545,329,786	\$282	\$24	2030
CWA Transmission Expansion	349,785	\$119,336,981	\$43	\$19	2040
East Texas Transfer	250,000	\$458,840,377	\$146	\$17	2050
GCWA Industrial Raw Water Line	33,600	\$45,110,104	\$104	\$9	2020
Lake Livingston to SJRA Transfer	50,000	\$245,492,975	\$437	\$92	2050
LNVA Neches-Trinity Basin Interconnect	67,000	\$103,316,000	\$135	\$27	2040
NFBWA Phase 2 Distribution Segments	62,496	\$83,859,522	\$104	\$9	2030
NHCRWA Distribution Expansion	143,360	\$919,703,916	\$489	\$44	2030
NHCRWA Transmission Lines	143,360	\$327,910,960	\$185	\$24	2030
Southeast Transmission Line Improvements	39,928	\$119,413,067	\$229	\$19	2030
Surfside Beach Supply Infrastructure	323	\$1,900,440	\$450	\$36	2020
WHCRWA Distribution Expansion	92,288	\$276,977,822	\$237	\$26	2030
WHCRWA/NFBWA Transmission Line	169,030	\$1,310,701,901	\$613	\$67	2030
Groundwater Development					
Aquifer Storage and Recovery	9,426	\$222,907,186	\$2,551	\$2,551	2070

Project	Potential Volume ¹ (ac-ft)	Capital Cost (\$)	Unit Cost (\$/ac-ft)		Start Decade
			Start Decade	2070	
Brackish Groundwater Development ³	Varies	Varies by project	Varies by WUG	Varies by WUG	2020
BWA Brackish Groundwater Development	3,136	\$33,246,167	\$579	\$370	2030
City of Houston Area 2 Groundwater Infrastructure	50,400	\$122,751,076	\$403	\$222	2030
Expanded Use of Groundwater ³	31,000+	Varies by WUG	Varies by WUG	Varies by WUG	2020
GCWA Backup Well Development	1,120	\$1,346,492	\$169	\$84	2040
Groveton Groundwater Expansion	242	\$2,211,952	\$699	\$56	2020
SJRA Catahoula Aquifer Supplies	10,500	\$18,200,411	\$479	\$358	2040
Groundwater Reduction Plans					
CHCRWA GRP ⁴	5,466	\$0	\$0	\$0	2030
City of Houston GRP ⁴	124,914	\$0	\$0	\$0	2020
City of Missouri City GRP	25,760	\$87,837,323	\$405	\$165	2030
City of Richmond GRP	7,178	\$70,936,844	\$1,108	\$285	2020
City of Rosenberg GRP	3,920	\$12,963,110	\$261	\$29	2030
City of Sugar Land IWRP	15,492	\$133,134,039	\$1,210	\$390	2030
Fort Bend County MUD 25 GRP	1,120	\$26,718,250	\$2,541	\$862	2030
Fort Bend County WC&ID No. 2 GRP	6,720	\$63,535,966	\$1,106	\$440	2030
Montgomery County MUDs #8 and #9 GRP	2,240	\$30,510,375	\$1,875	\$917	2020
NFBWA GRP ⁴	62,496	\$0	\$0	\$0	2030
NHCRWA GRP ⁴	143,360	\$0	\$0	\$0	2030
Porter SUD Joint GRP	2,240	\$26,862,532	\$1,542	\$699	2020
River Plantation and East Plantation Joint GRP ⁵	51	\$0	\$0	\$0	2030
SJRA GRP	100,000	\$998,910,850	\$697	\$340	2030
WHCRWA GRP ⁴	92,288	\$0	\$0	\$0	2030
Reuse					
City of Houston Reuse	242,554	\$555,093,731	\$373	\$139	2040
City of Pearland Reuse	1,154	\$12,648,000	\$913	\$142	2030
Galveston County Industrial Reuse	22,400	\$90,746,960	\$564	\$279	2030
NFBWA Member District Reuse	3,816	\$46,640,088	\$1,695	\$835	2020
NHCRWA Member District Reuse	300	\$4,295,775	\$1,913	\$905	2020
San Jacinto Basin Regional Return Flows ⁴	119,673	\$0	\$0	\$0	2020
Wastewater Reclamation for Municipal Irrigation	19,776	\$181,028,437	\$1,308	\$896	2030
Westwood Shores MUD Reuse	150	\$2,031,251	\$1,921	\$968	2020
Surface Water Development					
Allens Creek Reservoir	99,650	\$365,446,301	\$211	\$39	2040
BRA System Operation Permit ⁴	78,276	\$0	\$0	\$0	2020
Dow Reservoir and Pump Station Expansion	80,000	350,000,000	\$373	\$66	2030
Freeport Seawater Desalination	11,200	155,877,822	\$2,273	\$1,293	2040
Manvel Supply Expansion	15,680	\$269,052,608	\$1,488	\$309	2030
NRG Cedar Bayou Desalination	22,400	\$342,840,391	\$2,637	\$1,560	2030

Project	Potential Volume ¹ (ac-ft)	Capital Cost (\$)	Unit Cost (\$/ac-ft)		Start Decade
			Start Decade	2070	
Treatment					
BAWA East SWTP Expansion	6,720	\$51,112,545	\$714	\$179	2030
BWA Conventional Treatment Expansion	8,400	\$19,085,165	\$351	\$191	2030
City of Houston Treatment Expansion ⁴	89,396	\$0	\$0	\$0	2040
City of Houston West Water Purification Plant	103,385	\$959,257,534	\$1,418	\$407	2040
GCWA Western Galveston County Treatment Expansion	22,400	\$167,919,105	\$894	\$367	2030
Northeast Water Purification Plant Expansion	448,000	\$2,179,413,588	\$615	\$272	2030
Pearland Surface Water Treatment Plant	22,400	\$232,787,093	\$973	\$242	2030
SEWPP Additional Module	22,400	\$97,597,266	\$497	\$191	2030
Other Infrastructure					
Brazos Saltwater Barrier	10,000	\$67,552,043	\$517	\$42	2040
GCWA Shannon Pump Station Expansion	162,400	\$65,801,381	\$35	\$7	2030
LNVA Devers Pump Station Relocation	88,704	\$17,570,019	\$17	\$4	2030

A.4.5.2 Revision of Data for Figure 9-1.

Underlying data for **Figure 9-1** (page 9-4) is updated to reflect the WMS and project. Note that due to the proportionally limited magnitude of change, the amendment has minimal visible impact on the figure. The amended figure is presented below.



A.4.5.3 Revisions to Section 9.3 Text

Section 9.3 summarizes reporting of financing mechanisms for WMSs. The second paragraph of the section, on page 9-5, is revised to reflect the additional project and presented below in italic text. Revisions are indicated in yellow shading.

Survey responses were returned by 24 sponsors (approximately 6.4 percent) of the 376 who received the survey. The surveys captured 79 projects and approximately \$6.4 billion in identified capital projects. Results demonstrated a need for approximately \$823 million in State funding for project planning, design, permitting and acquisition costs and \$4.8 billion for construction of projects. The total anticipated need for State funding totaled \$5.6 billion, per the surveys. A tabular summary of the received surveys is included in Appendix 9-A.

A.4.6 Changes to Chapter 10 – Adoption of Plan and Public Participation

A.4.6.1 Revision of Section 10.4

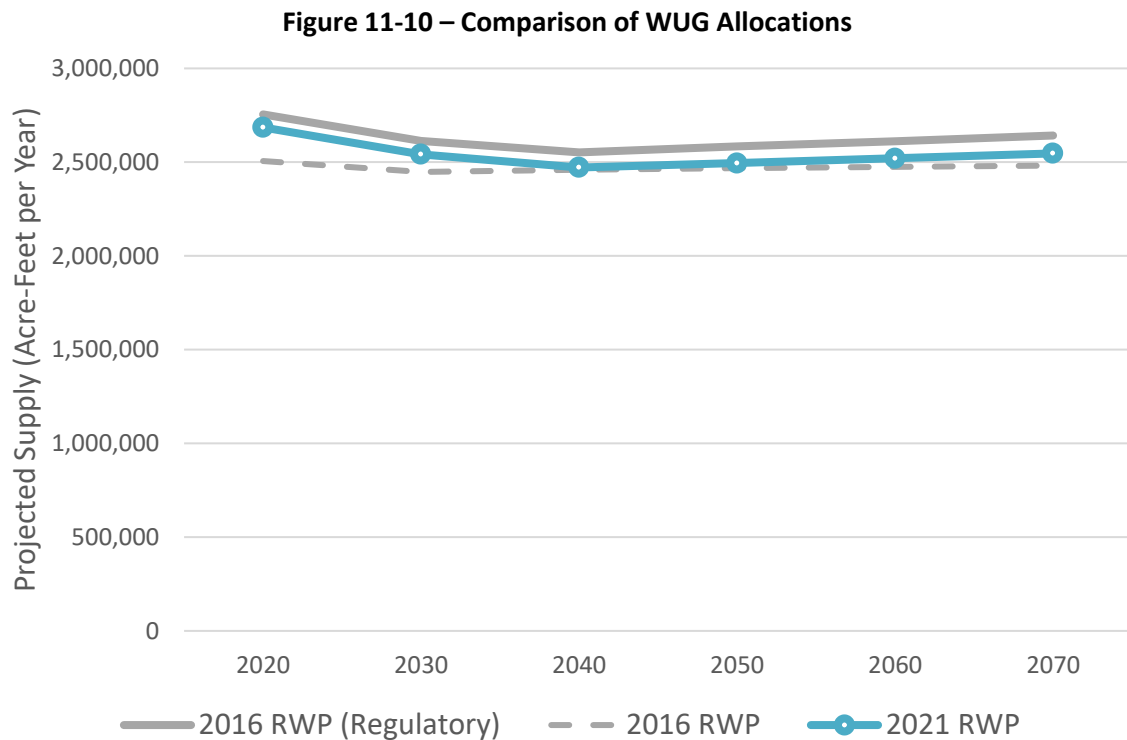
In order to document the public process and adoption of the amendment to the 2021 Region H RWP, Section 10.4 (added by a prior amendment to the 2021 RWP) on pages 10-29 and 10-30 of Chapter 10 is revised to summarize the amendment request, dates of RWPG meetings and actions, the required public hearing process and public comment process, and amendment adoption. The additional text is provided below in yellow shading.

Subsequent to the adoption of the 2021 RWP, the City of Baytown requested an amendment to the 2021 Region H RWP to include the BAWA East SWTP Expansion as a recommended WMS with an associated recommended WMS Project. The RHWPG, at its May 4, 2022 regular public meeting, received a presentation regarding the amendment request. At the same meeting, the RHWPG took formal action to approve the submittal of an application package to TWDB for confirmation of minor amendment status of the amendment. Following submittal of the draft amendment package, TWDB reviewed the supporting materials and confirmed that the proposed changes constituted a minor amendment. On July 17, 2024, the RHWPG posted notification of a public comment period on the amendment, including information on opportunities to provide comment through physical correspondence or email, as well as in person at an RWP meeting. The RHWPG, at its August 7, 2024 regular meeting, discussed the proposed amendment and public comment process. It was noted that no written or verbal public comments were received. Following discussion, the RHWPG took formal action to adopt the amendment to the 2021 Region H RWP.

A.4.7 Changes to Chapter 11 – Implementation and Comparison to Previous RWP

A.4.7.1 Revision of Data for Figure 11-10.

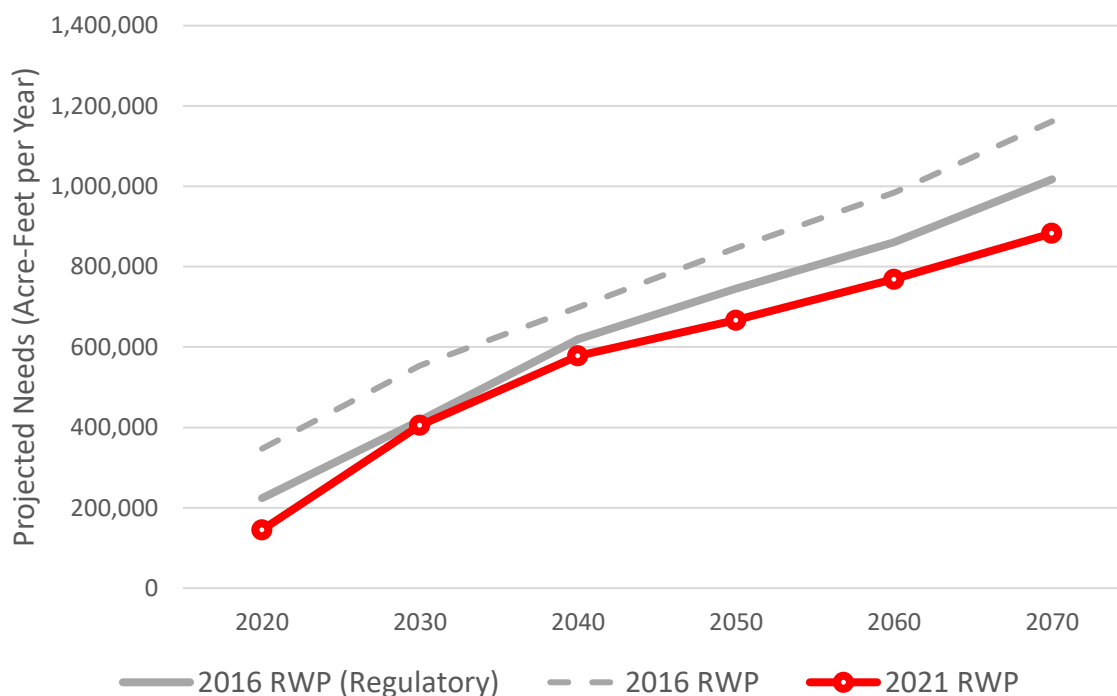
Underlying data for **Figure 11-10** (page 11-15) is updated to reflect the change in allocated WUG supplies due to the WMS and project. Note that due to the proportionally limited magnitude of change, the amendment has minimal visible impact on the figure. The amended figure is presented below.



A.4.7.2 Revision of Data for Figure 11-11.

Underlying data for **Figure 11-11** (page 11-15) is updated to reflect the change in identified WUG needs due to the WMS and project. Note that due to the proportionally limited magnitude of change, the amendment has minimal visible impact on the figure. The amended figure is presented below.

Figure 11-11 – Comparison of Identified WUG Needs



A.4.7.3 Revisions to Section 11.3.4 Text

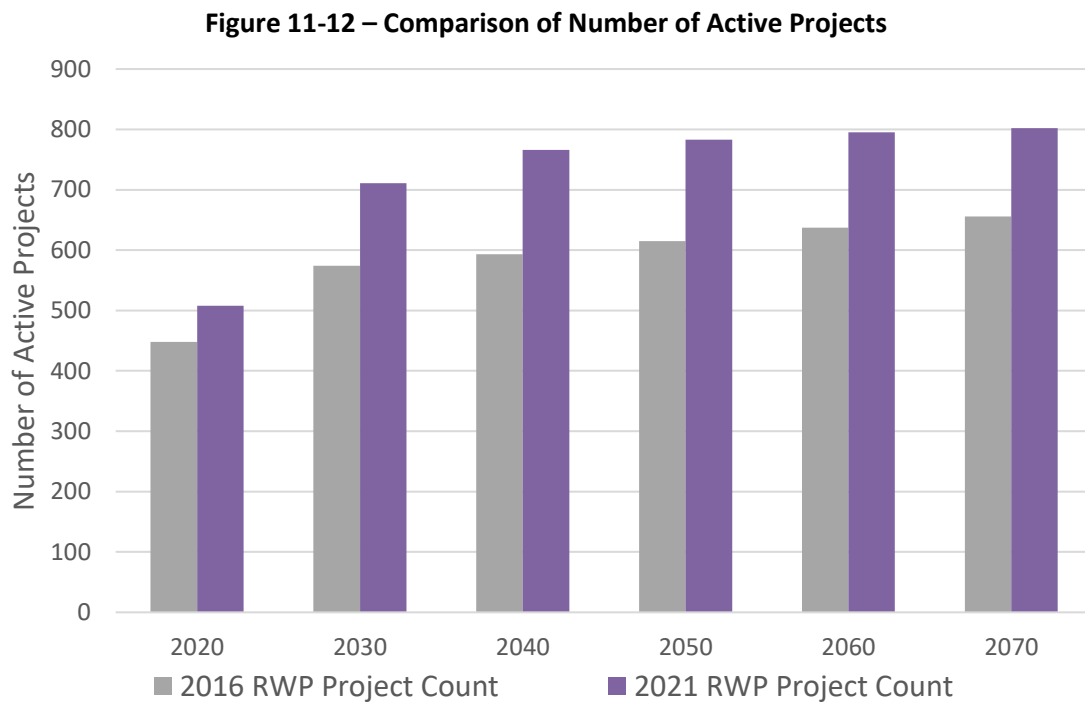
Section 11.3.4 compares the number of recommended and alternative WMSs and projects in the 2021 RWP to the preceding 2016 RWP. The first paragraph of the section, on page 11-16, is revised to reflect the additional WMS and project and is presented below in italic text. Revisions are indicated in yellow shading.

In total, the RHWPG has recommended 62 WMS and 820 capital projects for the 2021 RWP, compared to 58 WMS and 656 capital projects identified in the 2016 RWP; the 2016 RWP included an additional 62 projects not associated with a capital cost. For purposes of this comparison, all components of a grouped WMS within TWDB's DB22 database are considered a single WMS. The number of capital projects identified in each RWP and actively associated with supply volumes in each decade are shown below in Figure 11-12.

A.4.7.4 Revision of Data for Figure 11-12.

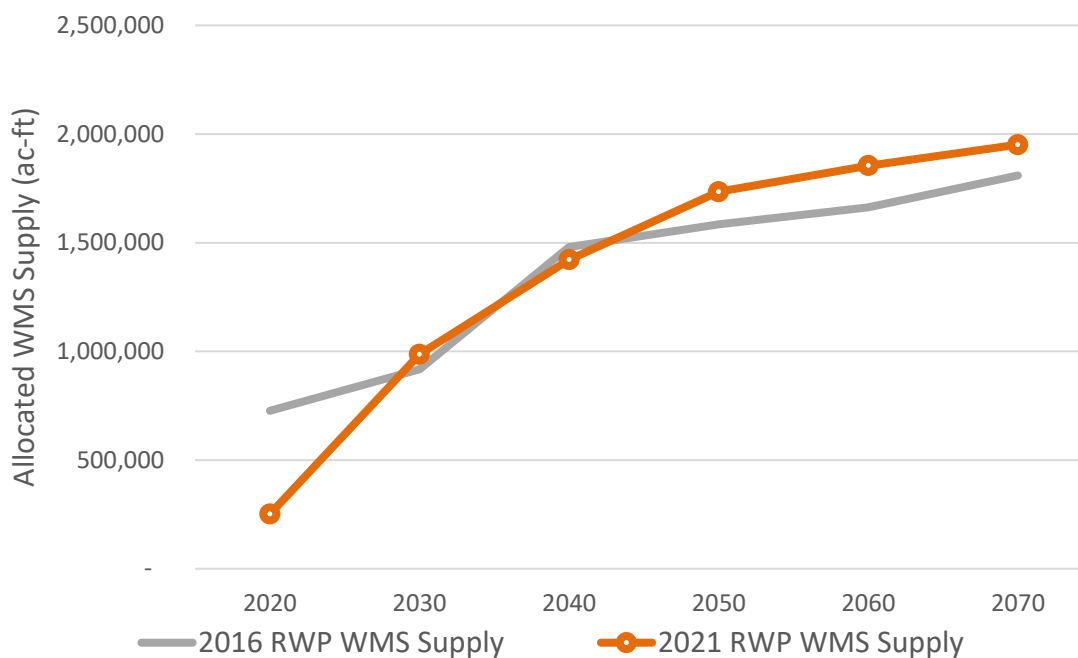
Underlying data for **Figure 11-12** (page 11-16) is updated to reflect the change in number of active recommended projects over time due to the amendment. Note that due to the proportionally limited

magnitude of change, the amendment has minimal visible impact on the figure. The amended figure is presented below.



A.4.7.5 Revision of Data for Figure 11-13.

Underlying data for **Figure 11-13** (page 11-17) is updated to reflect the change in allocated WMS supply over time due to the amendment. Note that due to the proportionally limited magnitude of change, the amendment has minimal visible impact on the figure. The amended figure is presented below.

Figure 11-13 – Comparison of Allocated WMS Supply Volumes

A.4.7.6 Revisions to Section 11.4 Text

Section 11.4 compares the degree of regionalization of WMSs and projects in the 2021 RWP to the preceding 2016 RWP. The second paragraph of the section, on page 11-17, is revised to reflect the additional WMS and project and is presented below in italic text. Revisions are indicated in yellow shading.

Regional strategies that meet the needs of multiple WUGs and achieve economies of scale are common in Region H. Several of the major water providers in Region H are Regional Water Authorities, which were created by the Texas Legislature to lead water planning and groundwater conversion efforts. Additionally, COH has developed important relationships with the regional water authorities and river authorities to coordinate interbasin transfers from the Trinity and Brazos River Basins to the largest demand centers in Region H. The Gulf Coast Water Authority also provides water to numerous municipal, agricultural, and industrial users in the southwestern part of Region H through the use of an extensive canal network, numerous supply sources, and planned projects for large-scale infrastructure. Many of these large-scale, cooperative strategies and projects have been prompted by the requirements of the FBSD and HGSD to significantly reduce groundwater use. The 2021 Region H RWP includes numerous strategies sponsored by these major water providers and other entities to develop long-term water supplies on a large geographic scale, sometimes including projects that span multiple counties and basins. Of the projects and strategies recommended in the 2021 RWP, 7 projects and 12 WMS involve multiple sponsors and/or wholesale water providers, and 29 recommended strategies would meet needs of multiple WUGs. These and other metrics of cooperative strategies in the 2021 RWP are compared to the 2016 RWP in Table 11-1. Overall, the number of strategies and projects which are sponsored by multiple entities, use more than one water supply source, or serve supply to multiple WUGs have increased since the 2016 RWP. These results highlight the continued importance of regional approaches in Region H.

A.4.7.7 Revision of Data for Table 11-1.

Values in **Table 11-1** (page 11-18) are updated to reflect the WMS and project. The revised table is presented below, with the adjusted information indicated with yellow shading.

Table 11-1 – Assessment of Progress in Developing Regional Water Supplies and Strategies

Summary of Recommended WMS, Projects, and Providers in Region H	2016 RWP	2021 RWP
WMS ¹ supplying multiple WUGs	24	29
WMS ¹ with multiple sponsors / sellers	10	12
WMS ¹ using multiple water sources	17	20
WMS ¹ involving at least one transfer	32	44
Projects ² with multiple sponsors	6	7
Region H wholesale water providers ³ serving multiple WUGs	40	51

¹ Excludes Municipal Conservation, Water Loss Reduction, and Expanded Use of Groundwater, which are employed on a localized, single-WUG basis.

² Limited to projects with non-zero capital costs that are required to implement WMS.

³ Wholesale water providers here refer to any entity, which may or may not also qualify as a WUG, which sells water on a wholesale basis, including sales to non-municipal WUGs.

A.5 RWP MODIFICATIONS AND ADDITIONS TO VOLUME 2

A.5.1 Changes to Appendix 5-A – WMS Tables

Appendix 5-A to the 2021 RWP includes tables summarizing a number of key parameters related to WMSs and projects. The addition of the WMS and project results in changes to the following tables:

- Table 5-A3 – Scoring for Key Projects
- Table 5-A4 – Water Management Strategy and Project Relationships
- Table 5-A5 – Second-Tier Identified Water Need
- Table 5-A6 – Second-Tier Identified Water Need Summary
- Table 5-A8 – Water Management Strategy Supply Allocations
- Table 5-A10 – Project Cost Summary (Sponsor-Level Data)
- Table 5-A11 – Project Cost Summary (Unit Cost)
- Table 5-A12 – WWP and WUG WMS Contractual Volumes
- Table 5-A13 – WUG Management Supply Factors

Revised pages from these tables are included in **Attachment 1** to this report, with added and adjusted values indicated in yellow shading.

A.5.2 Changes to Appendix 5-B – Project and WMS Technical Memoranda

A new project technical memorandum summarizing the project is added to Appendix 5-B as Memorandum TRET-008. The memorandum includes an overview of the project, supply development, environmental considerations, potential permitting and development requirements, cost analysis, strategy evaluation, and an assessment of WUG suitability. The memorandum is included in **Attachment 2** to this report.

A.5.3 Changes to Appendix 6-B – Impacts to Resources

Appendix 6-B to the 2021 RWP summarizes impacts of WMSs and projects on the agricultural, natural, and cultural resources of the region. The addition of the WMS and project results in changes to Table 6-B-7 (Summary of Quantified Impacts to Agricultural, Natural, and Cultural Resources). Revisions to the table are included in **Attachment 3** to this report, with added values indicated in yellow shading.

A.5.4 Changes to Appendix 9-A – Tabulated Survey Results

Appendix 9-A to the 2021 RWP tabulates results of the Infrastructure Finance Report survey distributed to sponsors of recommended projects in the Plan. The addition of the WMS and project results in adjustment of Table 9A-1 of Appendix 9-A to reflect the project. Revisions to the table are included in **Attachment 4** to this report, with added values indicated in yellow shading.

A.5.5 Changes to Appendix DB – DB22 Tables

Appendix DB to the 2021 RWP contains summary reports generated from DB22, the TWDB database utilized for the development of the 2021 RWP. The addition of the WMS and project results in changes to multiple DB22 reports. Revised DB22 reports are included in **Attachment 5** to this report.

A.6 ADMINISTRATIVE AND PUBLIC PROCESS DOCUMENTATION

The administrative and public process for the amendment is described in **Section A.1** and **Section A.4.6** of this report. Documentation of the process is included in **Attachment 6** to this report. The attachment includes the cover letter for the initial submittal requesting TWDB determination of minor or major amendment status, TWDB confirmation of minor amendment status, notification of the public comment period for the amendment, and comments received.

ATTACHMENT 1

REVISED APPENDIX 5-A TABLES

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***REVISED EXCERPT FROM TABLE 5-A3
SCORING FOR KEY PROJECTS***

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Table 5-A3 – Scoring for Key Projects

WMS Project		Cost	Location	Water Quality	Environmental Land & Habitat	Impacts on Environmental Flows	Local Preference	Institutional Constraints / Risk of Implementability	Development Timeline	Sponsorship	Vulnerability	Impacts on Other WMS
Conservation												
CNSV-001	Advanced Municipal Conservation and Water Loss Reduction	3	5	3	5	3	4	5	5	3	5	2
CNSV-002	Irrigation Conservation	5	5	4	4	3	3	5	5	3	5	3
Conveyance												
CONV-001	BWA Transmission Expansion	5	4	3	5	3	4	3	4	4	5	5
CONV-002	CHCRWA Transmission and Internal Distribution	4	4	3	3	3	4	3	4	5	5	3
CONV-003	City of Houston GRP Transmission	5	4	3	3	3	4	3	5	5	5	3
CONV-004	COH, NHCRA, and CHCRWA Shared Transmission	4	4	3	3	3	4	3	5	5	5	5
CONV-005	CWA Transmission Expansion	5	4	3	3	3	3	3	4	4	5	4
CONV-006	East Texas Transfer	5	1	3	2	2	3	1	3	3	2	4
CONV-007	GCWA Industrial Raw Water Line	5	5	3	4	3	4	3	5	4	5	3
CONV-008	Lake Livingston to SJRA Transfer	4	2	3	2	2	3	2	4	4	4	4
CONV-009	LNVA Neches-Trinity Basin Interconnect	5	3	3	3	2	3	3	4	5	5	3
CONV-010	NFBWA Phase 2 Distribution Segments	5	4	3	3	3	4	3	5	5	5	3
CONV-011	NHCRA Distribution Expansion	4	4	3	3	3	4	3	4	5	5	3
CONV-012	NHCRA Transmission Lines	5	4	3	3	3	4	3	4	5	5	3
CONV-013	Southeast Transmission Line Improvements	5	4	3	5	3	5	3	5	5	5	5
CONV-014	Surfside Beach Supply Infrastructure	4	4	5	3	3	4	3	5	5	4	3
CONV-015	WHCRA Distribution Expansion	4	4	3	3	3	4	3	4	5	5	3
CONV-016	WHCRA/NFBWA Transmission Line	3	4	3	3	3	4	3	4	5	5	5
Groundwater Development												
GWDV-001	Aquifer Storage and Recovery	1	5	3	3	2	3	2	3	4	4	3
GWDV-002	Brackish Groundwater Development and Groundwater Blending	3	5	3	4	4	3	3	5	3	4	4
GWDV-003	BWA Brackish Groundwater Development	3	3	3	3	4	4	4	5	5	4	5
GWDV-004	City of Houston Area 2 Groundwater Infrastructure	4	5	3	3	4	4	3	5	5	4	3

WMS Project		Cost	Location	Water Quality	Environmental Land & Habitat	Impacts on Environmental Flows	Local Preference	Institutional Constraints / Risk of Implementability	Development Timeline	Sponsorship	Vulnerability	Impacts on Other WMS
GWDV-005	Expanded Use of Groundwater	1	5	3	4	4	4	3	5	3	5	3
GWDV-006	Forestar Houston County Project	3	2	3	2	4	3	2	5	2	3	3
GWDV-007	Forestar Liberty County Project	1	2	3	2	4	3	2	4	2	3	3
GWDV-008	GCWA Backup Well Development	5	4	3	3	4	3	2	5	2	4	3
GWDV-009	Groveton Groundwater Expansion	3	5	3	5	3	4	5	5	5	5	3
GWDV-010	SJRA Catahoula Aquifer Supplies	4	5	2	5	4	3	3	5	3	3	5
Groundwater Reduction Plans												
GWRP-001	CHCRWA GRP	5	3	3	3	3	4	3	5	5	5	3
GWRP-002	City of Houston GRP	5	3	3	3	3	5	3	5	5	5	3
GWRP-003	City of Missouri City GRP	4	4	3	4	2	4	3	5	4	5	3
GWRP-004	City of Richmond GRP	1	4	3	4	2	4	3	5	5	5	3
GWRP-005	City of Rosenberg GRP	4	3	3	3	2	4	3	5	5	5	3
GWRP-006	City of Sugar Land IWRP	2	4	3	4	2	4	3	5	5	5	3
GWRP-007	Fort Bend County MUD 25 GRP	1	4	3	5	2	4	3	5	4	5	3
GWRP-008	Fort Bend County WC&ID No. 2 GRP	2	5	3	4	2	4	3	5	5	5	3
GWRP-009	Montgomery County MUDs 8 and 9 GRP	1	4	3	4	2	3	5	5	4	5	3
GWRP-010	NFBWA GRP	5	3	3	3	3	4	3	5	5	5	3
GWRP-011	NHCRWA GRP	5	3	3	3	3	4	3	5	5	5	3
GWRP-012	Porter SUD Joint GRP	1	4	3	4	2	4	5	5	5	5	3
GWRP-013	River Plantation and East Plantation Joint GRP	5	5	3	5	2	4	3	5	4	5	3
GWRP-014	SJRA GRP	3	4	3	4	2	3	3	5	5	5	3
GWRP-015	WHCRWA GRP	5	3	3	3	3	4	3	5	5	5	3
Reuse												
REUS-001	City of Houston Reuse	1	4	3	4	2	4	3	4	4	4	3
REUS-002	City of Pearland Reuse	2	4	3	4	2	4	5	5	4	5	3
REUS-003	Galveston County Industrial Reuse	3	4	3	4	2	3	3	5	4	5	3
REUS-004	NFBWA Member District Reuse	1	4	3	4	2	3	3	5	4	5	3
REUS-005	NHCRWA Member District Reuse	1	4	3	4	2	3	3	5	3	5	3
REUS-006	San Jacinto Basin Regional Return Flows	5	4	3	5	2	3	3	5	3	5	5

WMS Project		Cost	Location	Water Quality	Environmental Land & Habitat	Impacts on Environmental Flows	Local Preference	Institutional Constraints / Risk of Implementability	Development Timeline	Sponsorship	Vulnerability	Impacts on Other WMS
REUS-007	Wastewater Reclamation for Industry	2	4	4	4	2	3	3	4	3	4	2
REUS-008	Wastewater Reclamation for Municipal Irrigation	1	5	3	5	2	3	3	5	3	5	3
REUS-009	Westwood Shores MUD Reuse	1	5	3	4	3	3	3	5	5	5	3
Surface Water Development												
SWDV-001	Allens Creek Reservoir	5	5	3	4	3	4	4	4	4	2	5
SWDV-002	BRA System Operation Permit	5	4	3	3	2	2	2	5	5	5	3
SWDV-003	Dow Reservoir and Pump Station Expansion	4	5	4	4	2	5	4	5	5	3	4
SWDV-004	Freeport Seawater Desalination	1	3	3	3	3	3	3	4	2	3	3
SWDV-005	Lake Somerville Augmentation	2	4	3	3	2	3	3	4	3	4	4
SWDV-006	Lone Star Lake	2	5	4	1	2	3	2	2	2	2	3
SWDV-007	Manvel Supply Expansion	1	5	3	3	2	4	4	4	4	3	3
SWDV-008	NRG Cedar Bayou Desalination	1	3	3	3	2	3	3	5	3	3	3
Treatment												
TRET-001	BWA Conventional Treatment Expansion	4	3	3	5	3	4	3	5	5	4	5
TRET-002	City of Houston Treatment Expansion	5	3	3	4	3	3	3	5	3	4	5
TRET-003	City of Houston West Water Purification Plant	1	5	3	3	3	3	2	4	3	4	5
TRET-004	GCWA Western Galveston County Treatment Expansion	2	3	3	3	3	3	2	5	3	4	5
TRET-005	Northeast Water Purification Plant Expansion	2	3	3	4	3	5	5	4	5	4	5
TRET-006	Pearland Surface Water Treatment Plant	2	4	3	4	3	4	3	5	4	5	3
TRET-007	SEWPP Additional Module	4	3	3	4	3	3	3	5	4	4	5
TRET-008	BAWA East SWTP Expansion	3	5	3	4	3	4	5	5	5	4	3
Other												
OTHR-001	Brazos Saltwater Barrier	3	5	5	2	2	4	2	4	3	3	5
OTHR-002	GCWA Shannon Pump Station Expansion	5	5	3	3	2	3	5	5	5	3	5
OTHR-003	Municipal Drought Management	1	5	3	5	3	2	5	5	3	5	2
OTHR-004	New and Expanded Contracts	5	4	3	5	2	3	5	5	3	5	5
OTHR-005	LNVA Devers Pump Station Relocation	5	5	3	3	3	3	5	5	5	3	5

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***REVISED EXCERPT FROM TABLE 5-A4
WATER MANAGEMENT STRATEGY AND PROJECT RELATIONSHIPS***

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Table 5-A4 – Water Management Strategy and Project Relationships

Project	Project Type	Associated WMS
ALLENS CREEK RESERVOIR	WMS	CITY OF HOUSTON GRP
		NEW / EXPANDED CONTRACT WITH BRA
		NEW / EXPANDED CONTRACT WITH GCWA
		RICHMOND GRP
BAWA EAST SWTP EXPANSION	WMS	BAWA EAST SWTP EXPANSION
BRAZOS SALTWATER BARRIER	WMS	BRAZOS SALTWATER BARRIER
BWA BRACKISH GROUNDWATER DEVELOPMENT	WMS	NEW / EXPANDED CONTRACT WITH BWA - BRACKISH GROUNDWATER
BWA CONVENTIONAL TREATMENT EXPANSION	WMS	DOW RESERVOIR AND PUMP STATION EXPANSION
		NEW / EXPANDED CONTRACT WITH BWA
		ROSENBERG GRP
		DOW RESERVOIR AND PUMP STATION EXPANSION
BWA TRANSMISSION EXPANSION	WMS	NEW / EXPANDED CONTRACT WITH BWA
		NEW / EXPANDED CONTRACT WITH BWA - BRACKISH GROUNDWATER
		CHCRWA GRP
CHCRWA TRANSMISSION AND INTERNAL DISTRIBUTION	WMS	CHCRWA GRP
CITY OF HOUSTON AREA 2 GROUNDWATER INFRASTRUCTURE	WMS	CITY OF HOUSTON AREA 2 GROUNDWATER DEVELOPMENT
CITY OF HOUSTON GRP TRANSMISSION	WMS	CITY OF HOUSTON GRP
CITY OF HOUSTON REUSE INFRASTRUCTURE	WMS	CITY OF HOUSTON REUSE
		NFBWA GRP
		NHCRWA GRP
		WHCRWA GRP
CITY OF HOUSTON WEST WATER PURIFICATION PLANT - PHASE 1	WMS	CITY OF HOUSTON GRP
CITY OF HOUSTON WEST WATER PURIFICATION PLANT - PHASE 2	WMS	CITY OF HOUSTON GRP

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***REVISED EXCERPT FROM TABLE 5-A5
SECOND-TIER IDENTIFIED WATER NEED***

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Water User Group	County	Basin	Type	Second-Tier Needs Remaining After Conservation and Direct Reuse (ac-ft)					
				2020	2030	2040	2050	2060	2070
HOUSTON	FORT BEND	SAN JACINTO-BRAZOS	MUNICIPAL	0	145	330	351	392	421
HOUSTON	HARRIS	SAN JACINTO	MUNICIPAL	0	33,727	82,195	95,154	112,780	130,077
HOUSTON	HARRIS	SAN JACINTO-BRAZOS	MUNICIPAL	0	8,284	9,927	10,491	11,222	11,933
HOUSTON	HARRIS	TRINITY-SAN JACINTO	MUNICIPAL	0	0	7	9	10	11
HOUSTON	MONTGOMERY	SAN JACINTO	MUNICIPAL	0	0	303	635	964	1,023
HUMBLE	HARRIS	SAN JACINTO	MUNICIPAL	0	0	0	0	0	0
HUNTSVILLE	WALKER	SAN JACINTO	MUNICIPAL	0	0	0	0	0	0
HUNTSVILLE	WALKER	TRINITY	MUNICIPAL	0	0	0	0	0	0
IRRIGATION, AUSTIN	AUSTIN	BRAZOS	IRRIGATION	0	0	0	0	0	0
IRRIGATION, AUSTIN	AUSTIN	BRAZOS-COLORADO	IRRIGATION	0	0	0	0	0	0
IRRIGATION, BRAZORIA	BRAZORIA	BRAZOS	IRRIGATION	0	0	0	0	0	0
IRRIGATION, BRAZORIA	BRAZORIA	BRAZOS-COLORADO	IRRIGATION	0	0	0	0	0	0
IRRIGATION, BRAZORIA	BRAZORIA	SAN JACINTO-BRAZOS	IRRIGATION	38,229	38,229	38,229	38,229	38,229	38,229
IRRIGATION, CHAMBERS	CHAMBERS	NECHES-TRINITY	IRRIGATION	0	0	0	0	0	0
IRRIGATION, CHAMBERS	CHAMBERS	TRINITY	IRRIGATION	4,695	4,695	4,695	4,695	4,695	4,695
IRRIGATION, CHAMBERS	CHAMBERS	TRINITY-SAN JACINTO	IRRIGATION	1,616	1,616	1,616	1,616	1,616	1,616
IRRIGATION, FORT BEND	FORT BEND	BRAZOS	IRRIGATION	0	0	0	0	0	0
IRRIGATION, FORT BEND	FORT BEND	BRAZOS-COLORADO	IRRIGATION	0	0	0	0	0	0
IRRIGATION, FORT BEND	FORT BEND	SAN JACINTO	IRRIGATION	0	0	0	0	0	0
IRRIGATION, FORT BEND	FORT BEND	SAN JACINTO-BRAZOS	IRRIGATION	0	0	0	0	0	0
IRRIGATION, GALVESTON	GALVESTON	NECHES-TRINITY	IRRIGATION	0	0	0	0	0	0
IRRIGATION, GALVESTON	GALVESTON	SAN JACINTO-BRAZOS	IRRIGATION	2,765	2,765	2,765	2,765	2,765	2,765
IRRIGATION, HARRIS	HARRIS	SAN JACINTO	IRRIGATION	0	0	0	0	0	0
IRRIGATION, HARRIS	HARRIS	TRINITY-SAN JACINTO	IRRIGATION	0	0	0	0	0	0
IRRIGATION, LEON	LEON	BRAZOS	IRRIGATION	0	0	0	0	0	0
IRRIGATION, LEON	LEON	TRINITY	IRRIGATION	0	0	0	0	0	0

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***REVISED EXCERPT FROM TABLE 5-A6
SECOND-TIER IDENTIFIED WATER NEED SUMMARY***

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Table 5-A6 – Second-Tier Identified Water Need Summary*

Water User Group Category	Second-Tier Needs Remaining After Conservation and Direct Reuse (ac-ft)					
	2020	2030	2040	2050	2060	2070
MUNICIPAL (NAMED WUG)	5,071	158,189	282,939	318,404	358,563	395,508
MUNICIPAL (COUNTY-OTHER)	7,454	28,385	51,309	77,372	113,539	155,708
MANUFACTURING	32,615	53,963	55,025	55,794	54,970	54,009
MINING	3,293	4,193	4,004	4,024	4,228	4,565
STEAM ELECTRIC POWER	4,968	4,968	4,968	4,968	4,968	4,968
LIVESTOCK	1,259	1,642	1,898	1,898	1,898	1,906
IRRIGATION	51,920	51,920	51,920	51,920	51,920	51,920

*Positive values shown in this table represent second-tier needs.

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***REVISED EXCERPT FROM TABLE 5-A8
WATER MANAGEMENT STRATEGY SUPPLY ALLOCATIONS***

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Table 5-A8 – Water Management Strategy Supply Allocations

Water User Group	Water Management Strategy¹	Seller	Supply Source	Allocated Supply Volume (ac-ft)					
				2020	2030	2040	2050	2060	2070
ALVIN	MUNICIPAL CONSERVATION	N/A	MUNICIPAL CONSERVATION	131	225	273	331	401	494
ANAHUAC	MUNICIPAL CONSERVATION	N/A	MUNICIPAL CONSERVATION	9	13	15	17	18	22
	WATER LOSS REDUCTION	N/A	WATER LOSS REDUCTION	4	10	16	21	26	31
ANGLETON	DOW RESERVOIR AND PUMP STATION EXPANSION	BRAZOSPORT WATER AUTHORITY	DOW HARRIS RESERVOIR EXPANSION	0	6,048	6,048	6,048	6,048	6,048
	MUNICIPAL CONSERVATION	N/A	MUNICIPAL CONSERVATION	67	127	147	172	191	233
	WATER LOSS REDUCTION	N/A	WATER LOSS REDUCTION	15	41	63	82	101	102
	MUNICIPAL CONSERVATION	N/A	MUNICIPAL CONSERVATION	10	17	22	28	34	43
AUSTIN COUNTY WSC	WATER LOSS REDUCTION	N/A	WATER LOSS REDUCTION	1	4	5	6	8	9
BACLIFF MUD	GCWA GALVESTON COUNTY TREATED WATER EXPANSION	GULF COAST WATER AUTHORITY	BRAZOS RUN-OF-RIVER, FORT BEND	0	280	281	282	282	283
	MUNICIPAL CONSERVATION	N/A	MUNICIPAL CONSERVATION	22	17	0	0	0	0
BAKER ROAD MUD	CITY OF HOUSTON GRP	HOUSTON	GULF COAST AQUIFER SYSTEM, HARRIS	0	84	139	138	137	137
	MUNICIPAL CONSERVATION	N/A	MUNICIPAL CONSERVATION	7	10	12	12	13	13
BAYBROOK MUD 1	MUNICIPAL CONSERVATION	N/A	MUNICIPAL CONSERVATION	7	11	14	16	17	17
	WATER LOSS REDUCTION	N/A	WATER LOSS REDUCTION	2	5	8	8	9	9
BAYTOWN	BAWA EAST SWTP EXPANSION	BAYTOWN AREA WATER AUTHORITY	LIVINGSTON-WALLISVILLE LAKE/RESERVOIR SYSTEM	0	6,720	6,720	6,720	6,720	6,720
	MUNICIPAL CONSERVATION	N/A	MUNICIPAL CONSERVATION	293	490	563	663	746	916
BAYVIEW MUD	WATER LOSS REDUCTION	N/A	WATER LOSS REDUCTION	60	171	217	219	225	231
	GCWA GALVESTON COUNTY TREATED WATER EXPANSION	GULF COAST WATER AUTHORITY	BRAZOS RUN-OF-RIVER, FORT BEND	0	91	91	92	92	92
BELLAIRE	MUNICIPAL CONSERVATION	N/A	MUNICIPAL CONSERVATION	5	10	11	14	15	19
	MUNICIPAL CONSERVATION	N/A	MUNICIPAL CONSERVATION	118	186	221	272	335	414
BELLVILLE	MUNICIPAL CONSERVATION	N/A	MUNICIPAL CONSERVATION	32	56	70	79	86	91
BLUE BELL MANOR UTILITY	CITY OF HOUSTON GRP	HOUSTON	GULF COAST AQUIFER SYSTEM, HARRIS	0	171	316	338	366	387
	MUNICIPAL CONSERVATION	N/A	MUNICIPAL CONSERVATION	16	21	23	26	29	34

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***REVISED EXCERPT FROM TABLE 5-A10
PROJECT COST SUMMARY (SPONSOR-LEVEL DATA)***

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Table 5-A10 – Project Cost Summary (Sponsor-Level Data)

Project Name	Proj. Level	Sponsor	Capital Cost (\$)	Annual Cost (\$/year)					
				2020	2030	2040	2050	2060	2070
ALLENS CREEK RESERVOIR	WMS	BRAZOS RIVER AUTHORITY	\$109,633,890	\$0	\$0	\$6,310,933	\$6,310,933	\$6,310,933	\$6,310,933
		HOUSTON	\$255,812,411	\$0	\$0	\$14,725,511	\$14,725,511	\$14,725,511	\$14,725,511
		BAYTOWN	\$0	\$0	\$0	\$0	\$0	\$0	\$0
BAWA EAST SWTP EXPANSION	WMS	BAYTOWN AREA WATER AUTHORITY	\$51,112,545	\$0	\$4,801,318	\$4,801,318	\$1,204,985	\$1,204,985	\$1,204,985
BRAZOS SALTWATER BARRIER	WMS	DOW INC	\$67,552,043	\$0	\$0	\$5,172,634	\$5,172,634	\$419,600	\$419,600
BWA BRACKISH GROUNDWATER DEVELOPMENT	WMS	BRAZOSPORT WATER AUTHORITY	\$33,246,167	\$0	\$6,484,170	\$6,484,170	\$4,144,934	\$4,144,934	\$4,144,934
BWA CONVENTIONAL TREATMENT EXPANSION	WMS	BRAZOSPORT WATER AUTHORITY	\$19,085,165	\$0	\$2,944,245	\$2,944,245	\$1,601,392	\$1,601,392	\$1,601,392
BWA TRANSMISSION EXPANSION	WMS	BRAZOSPORT WATER AUTHORITY	\$77,755,692	\$0	\$6,489,567	\$6,489,567	\$1,018,593	\$1,018,593	\$1,018,593
CHCRWA TRANSMISSION AND INTERNAL DISTRIBUTION	WMS	CENTRAL HARRIS COUNTY REGIONAL WATER AUTHORITY	\$17,202,167	\$0	\$1,299,563	\$1,299,563	\$89,200	\$89,200	\$89,200
CITY OF HOUSTON AREA 2 GROUNDWATER INFRASTRUCTURE	WMS	HOUSTON	\$122,751,076	\$0	\$20,321,150	\$20,321,150	\$11,684,252	\$11,684,252	\$11,684,252
CITY OF HOUSTON GRP TRANSMISSION	WMS	HOUSTON	\$31,986,905	\$0	\$2,472,510	\$2,472,510	\$221,877	\$221,877	\$221,877
CITY OF HOUSTON REUSE INFRASTRUCTURE	WMS	HOUSTON	\$555,093,731	\$0	\$0	\$72,719,016	\$72,719,016	\$33,662,024	\$33,662,024
CITY OF HOUSTON WEST WATER PURIFICATION PLANT - PHASE 1	WMS	HOUSTON	\$768,820,060	\$0	\$0	\$73,311,681	\$73,311,681	\$19,216,674	\$19,216,674
CITY OF HOUSTON WEST WATER PURIFICATION PLANT - PHASE 2	WMS	HOUSTON	\$190,437,474	\$0	\$0	\$0	\$0	\$22,819,168	\$22,819,168
COH NORTHEAST WATER PURIFICATION PLANT EXPANSION - PHASES 1 AND 2	WMS	CENTRAL HARRIS COUNTY REGIONAL WATER AUTHORITY	\$26,588,846	\$0	\$3,359,739	\$3,359,739	\$1,488,919	\$1,488,919	\$1,488,919
		HOUSTON	\$278,964,939	\$0	\$35,249,717	\$35,249,717	\$15,621,444	\$15,621,444	\$15,621,444
		NORTH FORT BEND WATER AUTHORITY	\$373,220,218	\$0	\$47,159,715	\$47,159,715	\$20,899,539	\$20,899,539	\$20,899,539
		NORTH HARRIS COUNTY REGIONAL WATER AUTHORITY	\$615,693,056	\$0	\$77,798,328	\$77,798,328	\$34,477,501	\$34,477,501	\$34,477,501
COH NORTHEAST WATER PURIFICATION PLANT EXPANSION - PHASE 3	WMS	WEST HARRIS COUNTY REGIONAL WATER AUTHORITY	\$449,063,811	\$0	\$56,743,232	\$56,743,232	\$25,146,619	\$25,146,619	\$25,146,619
		HOUSTON	\$435,882,718	\$0	\$0	\$55,077,683	\$55,077,683	\$24,408,505	\$24,408,505
COH, NHCROWA, AND CHCRWA SHARED TRANSMISSION	WMS	CENTRAL HARRIS COUNTY REGIONAL WATER AUTHORITY	\$12,962,627	\$0	\$997,242	\$997,242	\$85,178	\$85,178	\$85,178
		HOUSTON	\$231,771,408	\$0	\$17,834,860	\$17,834,860	\$1,527,174	\$1,527,174	\$1,527,174
		NORTH HARRIS COUNTY REGIONAL WATER AUTHORITY	\$300,595,751	\$0	\$23,125,468	\$23,125,468	\$1,975,227	\$1,975,227	\$1,975,227
CWA TRANSMISSION EXPANSION	WMS	HOUSTON	\$119,336,981	\$0	\$0	\$14,913,686	\$14,913,686	\$6,517,007	\$6,517,007

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***REVISED EXCERPT FROM TABLE 5-A11
PROJECT COST SUMMARY (UNIT COST)***

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Table 5-A11 – Project Cost Summary (Unit Cost)

Project Name		Proj. Level	Unit Cost (\$/ac-ft)					
			2020	2030	2040	2050	2060	2070
ALLENS CREEK RESERVOIR		WMS	\$0	\$0	\$211	\$211	\$211	\$211
BAWA EAST SWTP EXPANSION		WMS	\$0	\$714	\$714	\$179	\$179	\$179
BRAZOS SALTWATER BARRIER		WMS	\$0	\$0	\$517	\$517	\$42	\$42
BWA BRACKISH GROUNDWATER DEVELOPMENT		WMS	\$0	\$579	\$579	\$370	\$370	\$370
BWA CONVENTIONAL TREATMENT EXPANSION		WMS	\$0	\$351	\$351	\$191	\$191	\$191
BWA TRANSMISSION EXPANSION		WMS	\$0	\$248	\$248	\$39	\$39	\$39
CHCRWA TRANSMISSION AND INTERNAL DISTRIBUTION		WMS	\$0	\$238	\$238	\$16	\$16	\$16
CITY OF HOUSTON AREA 2 GROUNDWATER INFRASTRUCTURE		WMS	\$0	\$403	\$403	\$232	\$232	\$232
CITY OF HOUSTON GRP TRANSMISSION		WMS	\$0	\$91	\$91	\$8	\$8	\$8
CITY OF HOUSTON REUSE INFRASTRUCTURE		WMS	\$0	\$0	\$373	\$346	\$149	\$139
CITY OF HOUSTON WEST WATER PURIFICATION PLANT - PHASE 1		WMS	\$0	\$0	\$1,418	\$1,418	\$372	\$372
CITY OF HOUSTON WEST WATER PURIFICATION PLANT - PHASE 2		WMS	\$0	\$0	\$0	\$0	\$441	\$441
COH NORTHEAST WATER PURIFICATION PLANT EXPANSION - PHASES 1 AND 2		WMS	\$0	\$615	\$615	\$272	\$272	\$272
COH NORTHEAST WATER PURIFICATION PLANT EXPANSION - PHASE 3		WMS	\$0	\$0	\$615	\$615	\$272	\$272
COH, NHCWA, AND CHCRWA SHARED TRANSMISSION		WMS	\$0	\$282	\$282	\$24	\$24	\$24
CWA TRANSMISSION EXPANSION		WMS	\$0	\$0	\$43	\$43	\$19	\$19
DOW RESERVOIR AND PUMP STATION EXPANSION		WMS	\$0	\$373	\$373	\$66	\$66	\$66
EAST TEXAS TRANSFER		WMS	\$0	\$0	\$0	\$146	\$146	\$17
FORT BEND MUD 25 GRP INFRASTRUCTURE		WMS	\$0	\$2,541	\$2,541	\$862	\$862	\$862
FORT BEND WCID 2 GRP INFRASTRUCTURE - PHASE 1		WMS	\$0	\$1,106	\$1,106	\$440	\$440	\$440
FORT BEND WCID 2 GRP INFRASTRUCTURE - PHASE 2		WMS	\$0	\$0	\$1,106	\$1,106	\$440	\$440
FREEPORT SEAWATER DESALINATION		WMS	\$0	\$0	\$2,273	\$2,273	\$1,293	\$1,293
GALVESTON COUNTY INDUSTRIAL REUSE INFRASTRUCTURE		WMS	\$0	\$564	\$564	\$279	\$279	\$279
GCWA BACKUP WELL DEVELOPMENT		WMS	\$0	\$0	\$169	\$169	\$84	\$84
GCWA INDUSTRIAL RAW WATER LINE		WMS	\$104	\$104	\$9	\$9	\$9	\$9
GCWA SHANNON PUMP STATION EXPANSION		WMS	\$0	\$35	\$35	\$7	\$7	\$7

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***REVISED EXCERPT FROM TABLE 5-A12
WWP AND WUG WMS CONTRACTUAL VOLUMES***

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Table 5-A12 – WWP and WUG WMS Contractual Volumes

Contract Relationship	Source	Contractual Volume (ac-ft/yr)					
		2020	2030	2040	2050	2060	2070
BAYTOWN AREA WATER AUTHORITY							
BAYTOWN	LIVINGSTON-WALLISVILLE LAKE/RESERVOIR SYSTEM	0	6,720	6,720	6,720	6,720	6,720
BRAZOS RIVER AUTHORITY							
COUNTY-OTHER, BRAZORIA	ALLENS CREEK LAKE/RESERVOIR	0	0	0	0	2,061	2,603
GULF COAST WATER AUTHORITY	ALLENS CREEK LAKE/RESERVOIR	0	0	13,440	16,103	18,238	24,450
RICHMOND	ALLENS CREEK LAKE/RESERVOIR	0	0	0	701	1,793	2,847
BRAZOSPORT WATER AUTHORITY							
ANGLETON	DOW HARRIS RESERVOIR EXPANSION	0	6,048	6,048	6,048	6,048	6,048
COUNTY-OTHER, BRAZORIA	BRAZOS RUN-OF-RIVER, BRAZORIA	0	1,380	1,321	1,261	1,197	1,128
	GULF COAST AQUIFER SYSTEM, BRAZORIA	0	3,110	3,597	3,899	3,698	1,007
FREEPORT	BRAZOS RUN-OF-RIVER, BRAZORIA	0	1,634	1,634	1,634	1,634	1,634
LAKE JACKSON	DOW HARRIS RESERVOIR EXPANSION	0	1,726	1,726	1,726	1,726	1,726
	DOW HARRIS RESERVOIR EXPANSION	0	560	560	560	560	560
MINING, BRAZORIA	BRAZOS RUN-OF-RIVER, BRAZORIA	0	31	59	89	122	161
OYSTER CREEK	DOW HARRIS RESERVOIR EXPANSION	0	11	11	11	11	11
RICHWOOD	DOW HARRIS RESERVOIR EXPANSION	0	224	224	224	224	224
CONROE							
SAN JACINTO RIVER AUTHORITY	GULF COAST AQUIFER SYSTEM, MONTGOMERY	313	3,630	3,423	3,228	3,014	2,782
CORINTHIAN POINT MUD 2							
SAN JACINTO RIVER AUTHORITY	GULF COAST AQUIFER SYSTEM, MONTGOMERY	6	0	0	0	0	0
COUNTY-OTHER, FORT BEND							
RICHMOND	GULF COAST AQUIFER SYSTEM, FORT BEND	0	399	451	482	511	539
COUNTY-OTHER, HARRIS							
HOUSTON	GULF COAST AQUIFER SYSTEM, HARRIS	0	0	315	315	315	315

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***REVISED EXCERPT FROM TABLE 5-A13
WUG MANAGEMENT SUPPLY FACTORS***

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Table 5-A13 – WUG Management Supply Factors

WUG*	Management Supply Factor					
	2020	2030	2040	2050	2060	2070
ALVIN	1.0	1.1	1.1	1.1	1.1	1.1
ANAHUAC	4.0	4.1	4.2	4.3	4.3	4.2
ANGLETON	1.2	4.6	4.7	4.8	4.8	4.8
AUSTIN COUNTY WSC	1.0	1.1	1.1	1.1	1.1	1.1
BACLIFF MUD	2.1	2.8	2.8	2.7	2.7	2.7
BAKER ROAD MUD	1.0	1.0	1.0	1.0	1.0	1.0
BAYBROOK MUD 1	8.2	8.0	7.2	6.7	6.3	6.0
BAYTOWN	1.3	2.0	2.0	2.0	2.0	1.9
BAYVIEW MUD	2.5	3.0	2.9	2.8	2.7	2.6
BELLAIRE	1.0	1.0	1.0	1.1	1.1	1.1
BELLVILLE	1.0	1.0	1.1	1.1	1.1	1.1
BLUE BELL MANOR UTILITY	1.0	1.0	1.0	1.0	1.0	1.0
BLUE RIDGE WEST MUD	1.0	1.0	1.1	1.2	1.2	1.2
BOLIVAR PENINSULA SUD	28.2	22.6	17.9	14.1	11.0	8.5
BRAZORIA	1.1	1.2	1.2	1.2	1.2	1.2
BRAZORIA COUNTY MUD 2	1.0	1.1	1.1	1.1	1.1	1.1
BRAZORIA COUNTY MUD 21	1.0	1.0	1.1	1.1	1.1	1.1
BRAZORIA COUNTY MUD 25	1.0	1.3	1.3	1.3	1.3	1.2
BRAZORIA COUNTY MUD 29	1.0	1.3	1.3	1.3	1.3	1.3
BRAZORIA COUNTY MUD 3	1.0	1.1	1.1	1.1	1.1	1.1
BRAZORIA COUNTY MUD 31	1.0	1.0	1.1	1.1	1.1	1.1
BRAZORIA COUNTY MUD 6	1.0	1.0	1.0	1.0	1.0	1.0
BROOKSHIRE MWD	1.0	1.1	1.1	1.1	1.1	1.2
BUFFALO	1.0	1.1	1.1	1.1	1.1	1.1
BUNKER HILL VILLAGE	1.0	1.0	1.0	1.0	1.0	1.0
CAPE ROYALE UD	1.0	1.1	1.1	1.1	1.1	1.1
CENTERVILLE	1.0	1.1	1.1	1.1	1.1	1.1
CENTRAL HARRIS COUNTY REGIONAL WATER AUTHORITY	1.2	1.8	1.6	1.6	1.5	1.5
CHAMBERS COUNTY MUD 1	1.0	1.1	1.1	1.1	1.1	1.1
CHATEAU WOODS MUD	1.0	1.0	1.1	1.1	1.1	1.1
CHIMNEY HILL MUD	1.1	1.1	1.1	1.2	1.2	1.2
CLEAR BROOK CITY MUD	1.8	1.9	1.7	1.7	1.6	1.6
CLEAR LAKE CITY WATER AUTHORITY	1.6	1.6	1.5	1.4	1.4	1.3
CLEVELAND	1.1	1.1	1.1	1.1	1.1	1.1
CLUTE	1.0	1.0	1.0	1.0	1.1	1.1
CONCORD-ROBBINS WSC	1.0	1.1	1.0	1.0	1.0	1.0

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ATTACHMENT 2

ADDITIONAL APPENDIX 5-B TECHNICAL MEMORANDUM

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REGION H PROJECT ANALYSIS TECHNICAL MEMORANDUM

Project Name:	BAWA East SWTP Expansion
Project ID:	TRET-008
Project Type:	Existing Surface Water Source
Potential Supply Quantity (Rounded):	6,720 ac-ft/yr (6 MGD)
Implementation Decade:	2030
Development Timeline:	2 years
Project Capital Cost:	\$51,112,545 (Sept. 2018)
Unit Water Cost (Rounded):	\$714 per ac-ft (during loan period) \$179 per ac-ft (after loan period)

Strategy Description

Baytown Area Water Authority (BAWA) is a wholesale provider of treated water to municipal water systems in eastern Harris and western Chambers Counties in Region H, including the City of Baytown and multiple Fresh Water Supply Districts and Municipal Utility Districts. BAWA utilizes surface water obtained under contract from the City of Houston and diverted from two take points on the Coastal Water Authority canal system. This raw water is treated at BAWA's original Fritz Langham Surface Water Treatment Plant (SWTP) as well as the newer East SWTP before being distributed through the BAWA and City of Baytown transmission and distribution systems. In order to meet the needs of current and future customers, BAWA has identified the need to expand the treatment capacity of the BAWA East SWTP. The new treatment infrastructure will be developed on the existing East SWTP site, limiting the required permitting and the need for development of additional conveyance. This project does not require a new water right appropriation because it is associated with infrastructure related to the use of existing rights.

Strategy Analyses

The project analyses for the BAWA East SWTP Expansion project include evaluations of the potential supply to be created, environmental factors involved in the project, permitting and development considerations, and an analysis of project cost.

Supply Development

This project is supplied by contractual agreements for supply from existing water rights. The BAWA East SWTP Expansion project will increase deliverable supplies from existing sources and will not require a new water right appropriation. The proposed infrastructure will increase treatment capacity to allow an increased volume of contracted surface water supply to be used by BAWA's customers. Major project components include development of additional treatment units and storage in order to increase treatment capacity from 6 mgd to 12 mgd, resulting in an additional 6 mgd (6,720 ac ft/yr)

of treated water capacity.

Environmental Considerations

The enhanced infrastructure will facilitate an increase in treatment capacity for the BAWA system. Impacts on instream flows and bay and estuary flows are anticipated to be minimal, as the proposed project increases usable supply from contractual supplies based upon existing water rights and existing canal conveyance; the project does not develop new surface water sources. Infrastructure development may result in some limited surface disturbance from construction; however, this is expected to be minimal as the proposed infrastructure has a limited footprint and will be developed on BAWA's existing SWTP site adjacent to existing facilities.

Permitting and Development

The development of this strategy may require some permitting due to surface disturbance from the construction of treatment infrastructure. This is expected to be minimal, as construction is anticipated to occur on the sponsor's existing SWTP site. Because the supply source is provided by existing water rights and diverted from the existing Coastal Water Authority canal system, permitting of new water rights or amendment of existing rights will not be required.

Cost Analysis

Planning level cost estimates for this strategy are included in the table below. An estimated capital cost for the expansion of the SWTP was provided by BAWA and was scaled to a September 2018 equivalent cost in accordance with TWDB guidance (*Table 1*). The costs presented in this memorandum do not include the purchase cost of water. Certain costs presented in *Table 1*, including environmental studies and mitigation, estimated interest during construction, and annual costs such as debt service and costs for operations and maintenance, were calculated using standard cost estimation procedures for Region H.

Table 1 – BAWA East SWTP Expansion Cost Estimate

OPINION OF PROBABLE CONSTRUCTION COST					September 2018	
ITEM	DESCRIPTION		QUANTITY	UNIT	UNIT PRICE	TOTAL
PROJECT CAPITAL COST SUMMARY						
1	CONSTRUCTION COST		1	LS	\$33,245,209	\$33,245,209
2	ENGINEERING, FINANCIAL, AND LEGAL SERVICES AND CONTINGENCIES		1	LS	\$14,926,420	\$14,926,420
3	LAND AND EASEMENTS		1	LS	\$21,780	\$21,780
4	ENVIRONMENTAL - STUDIES AND MITIGATION		1	LS	\$217,800	\$217,800
5	INTEREST DURING CONSTRUCTION		1	LS	\$2,701,335	\$2,701,335
PROJECT CAPITAL COST						\$51,112,545

ITEM	DESCRIPTION	ANNUAL TOTAL					
ANNUAL COST SUMMARY		2020	2030	2040	2050	2060	2070
1	DEBT SERVICE	\$0	\$3,596,334	\$3,596,334	\$0	\$0	\$0
2	OPERATION AND MAINTENANCE (O&M)	\$0	\$1,204,985	\$1,204,985	\$1,204,985	\$1,204,985	\$1,204,985
3	PUMPING ENERGY COSTS	\$0	\$0	\$0	\$0	\$0	\$0
4	PURCHASE COST OF WATER	\$0	\$0	\$0	\$0	\$0	\$0
TOTAL ANNUAL COST		\$0	\$4,801,318	\$4,801,318	\$1,204,985	\$1,204,985	\$1,204,985

ITEM	DESCRIPTION	ANNUAL TOTAL					
ANNUAL COST SUMMARY		2020	2030	2040	2050	2060	2070
1	ANNUAL COST	\$0	\$4,801,318	\$4,801,318	\$1,204,985	\$1,204,985	\$1,204,985
2	YIELD	-	6,720	6,720	6,720	6,720	6,720
3	UNIT COST	\$0	\$714	\$714	\$179	\$179	\$179
TOTAL UNIT COST							\$393

ITEM	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	TOTAL
CONSTRUCTION COST SUMMARY					
1	WATER TREATMENT PLANTS	1	LS	\$33,245,209	\$33,245,209
PROJECT COST					\$33,245,209

ITEM	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	TOTAL
OPERATION AND MAINTENANCE (O&M) COST SUMMARY					
1	WATER TREATMENT PLANTS	1.0	LS	\$1,204,985	\$1,204,985
ANNUAL OPERATION AND MAINTENANCE COST					\$1,204,985

Water Management Strategy Evaluation

Based on the analysis provided above, the BAWA East SWTP Expansion project was evaluated across eleven different criteria for the purpose of quick comparison against alternative strategies that may be incorporated into the Regional Water Plan. The results of this evaluation can be seen in the table below.

CRITERIA	RATING	EXPLANATION
Cost	3	Costs are moderate during debt service but are reduced considerably after completion of debt service
Location	5	Project is associated with an existing treatment plant site and conveyance infrastructure serving a large area.
Water Quality	3	No known issues related to water quality.
Environmental Land and Habitat	4	Expansion to be constructed on existing plant site. Minimal impacts anticipated.
Environmental Flows	3	Project does not directly impact flows. Increased diversions from canal conveyance are associated with existing water rights.
Local Preference	4	No known significant opposition.
Institutional Constraints	5	Property and facilities to be expanded already owned by sponsor.
Development Timeline	5	Project can be developed in a relatively short period of time.
Sponsorship	5	The project sponsor is committed to the project and is actively engaged in planning and design activities.
Vulnerability	4	Minor risks from natural and man-made disasters associated with source availability.
Impacts on Other WMS	3	No significant impacts recognized to other projects.

The BAWA East SWTP Expansion will facilitate diversions made from existing water rights. The project is not anticipated to impact agricultural land and production or to impact vulnerable species.

Water User Group Application

The BAWA East SWTP Expansion project was evaluated on a basis of several criteria to determine the Water User Groups (WUGs) to which it may be applied. Consideration was given to the proximity of the project to identified needs, the volume of the supply made available, the quality of the water provided, and the unit cost of the strategy as well as other factors that may relate to the suitability of the strategy to the WUGs served.

CRITERIA	WUG SUITABILITY
Proximity	Project is located in close proximity to intended points of use.
Size	The project is sized in accordance with the treatment infrastructure needs and available source water identified by the project sponsor.

CRITERIA	WUG SUITABILITY
Water Quality	This project provides treated surface water for a variety of uses.
Unit Cost	Costs are moderate during debt service but are reduced considerably after completion of debt service.
Other Factors	This project meets demands in a rapidly-growing area and also helps reduce potential demand on groundwater sources.

Location Map**BAWA East Surface
Water Treatment Plant
Location Map**

ATTACHMENT 3

REVISED APPENDIX 6-B TABLE

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Table 6-B-7 – Summary of Quantified Impacts to Agricultural, Natural, and Cultural Resources

Key WMS and Project Overview					Agricultural Impacts		Wildlife Habitat				Environmental Water Needs		Bays, Estuaries, and Arms of the Gulf of Mexico		Cultural Resources	
Name	Technical Memorandum	Considered or Recommended	Primary Counties	Primary Development Setting	Agricultural Impact Description	Score	Project Acreage Description	Score	Environmental Land and Habitat Impact Description	Score	Instream Flow Impact Description	Score	Bay and Estuary Impact Description	Score	Cultural Resource Impact Description	Score
Advanced Municipal Conservation and Water Loss Reduction	CNSV-001	Recommended	All	Urban	None	5	None	5	Low	5	None or Limited	3	None or Limited	3	None	5
Irrigation Conservation	CNSV-002	Recommended	Multiple	Rural	Positive	5	High	1	Medium Low	4	None or Limited	3	None or Limited	3	None	5
BWA Transmission Expansions	CONV-001	Recommended	Brazoria	Rural	None	5	Medium Low	4	Low	5	None or Limited	3	None or Limited	3	Low	5
CHCRWA Transmission and Internal Distribution	CONV-002	Recommended	Harris	Urban	None	5	Low	5	Medium	3	None or Limited	3	None or Limited	3	Low	5
City of Houston GRP Transmission	CONV-003	Recommended	Harris	Urban	None	5	Low	5	Medium	3	None or Limited	3	None or Limited	3	Low	5
COH, NHCRWA, and CHCRWA Shared Transmission	CONV-004	Recommended	Harris	Urban	None	5	Low	5	Medium	3	None or Limited	3	None or Limited	3	Low	5
CWA Transmission Expansion	CONV-005	Recommended	Harris	Urban	None	5	Low	5	Medium	3	None or Limited	3	None or Limited	3	Low	5
East Texas Transfer	CONV-006	Recommended	Multiple	Rural	Medium Low	4	Medium Low	4	Medium High	2	Moderate Decrease	2	Moderate Decrease	2	Low	5
GCWA Industrial Raw Water Line	CONV-007	Recommended	Galveston	Urban	None	5	Low	5	Medium Low	4	None or Limited	3	None or Limited	3	Low	5
Lake Livingston to SJRA Transfer	CONV-008	Recommended	Multiple	Rural	Medium Low	4	Medium Low	4	Medium High	2	Moderate Decrease	2	Moderate Decrease	2	Low	5
LNVA Neches-Trinity Basin Interconnect	CONV-009	Recommended	Liberty	Rural	Positive	5	Low	5	Medium	3	Moderate Decrease	2	Moderate Decrease	2	Low	5
NFBWA Phase 2 Distribution Segments	CONV-010	Recommended	Fort Bend	Urban	None	5	Medium Low	4	Medium	3	None or Limited	3	None or Limited	3	Low	5
NHCRWA Distribution Expansion	CONV-011	Recommended	Harris	Urban	None	5	Medium Low	4	Medium	3	None or Limited	3	None or Limited	3	Low	5
NHCRWA Transmission Lines	CONV-012	Recommended	Harris	Urban	None	5	Low	5	Medium	3	None or Limited	3	None or Limited	3	Low	5
Southeast Transmission Line Improvements	CONV-013	Recommended	Harris	Urban	None	5	Low	5	Low	5	None or Limited	3	None or Limited	3	Low	5
Surfside Beach Supply Infrastructure	CONV-014	Recommended	Brazoria	Urban	None	5	Low	5	Medium	3	None or Limited	3	None or Limited	3	Low	5
WHCRWA Distribution Expansion	CONV-015	Recommended	Harris	Urban	None	5	Medium Low	4	Medium	3	None or Limited	3	None or Limited	3	Low	5
WHCRWA/NFBWA Transmission Line	CONV-016	Recommended	Harris	Urban	None	5	Medium Low	4	Medium	3	None or Limited	3	None or Limited	3	Low	5
Aquifer Storage and Recovery	GWDV-001	Recommended	Montgomery	Urban	None	5	Low	5	Medium	3	Moderate Decrease	2	Moderate Decrease	2	Low	5
Brackish Groundwater Development and Groundwater Blending	GWDV-002	Recommended	Montgomery	Urban	None	5	Low	5	Medium Low	4	Moderate Increase	4	Moderate Increase	4	Low	5
BWA Brackish Groundwater Development	GWDV-003	Recommended	Brazoria	Urban	None	5	Low	5	Medium	3	Moderate Increase	4	Moderate Increase	4	Low	5
City of Houston Area 2 Groundwater Infrastructure	GWDV-004	Recommended	Harris	Urban	None	5	Low	5	Medium	3	Moderate Increase	4	Moderate Increase	4	Low	5
Expanded Use of Groundwater	GWDV-005	Recommended	Multiple	Mixed	Positive	5	Low	5	Medium Low	4	Moderate Increase	4	Moderate Increase	4	Low	5
Forestar Houston County Project	GWDV-006	Considered	Houston	Rural	Medium Low	4	Medium Low	4	Medium High	2	Moderate Increase	4	Moderate Increase	4	Low	5
Forestar Liberty County Project	GWDV-007	Considered	Liberty	Rural	Medium Low	4	Medium Low	4	Medium High	2	Moderate Increase	4	Moderate Increase	4	Low	5
GCWA Backup Well Development	GWDV-008	Recommended	Galveston	Rural	None	5	Low	5	Medium	3	Moderate Increase	4	Moderate Increase	4	Low	5
Groveton Groundwater Expansion	GWDV-009	Recommended	Trinity	Urban	None	5	Low	5	Low	5	None or Limited	3	None or Limited	3	Low	5
SJRA Catahoula Aquifer Supplies	GWDV-010	Recommended	Montgomery	Urban	None	5	Low	5	Low	5	Moderate Increase	4	Moderate Increase	4	Low	5
CHCRWA GRP	GWRP-001	Recommended	Harris	Urban	None	5	Low	5	Medium	3	None or Limited	3	None or Limited	3	Low	5
City of Houston GRP	GWRP-002	Recommended	Harris	Urban	None	5	Low	5	Medium	3	None or Limited	3	None or Limited	3	Low	5
City of Missouri City GRP	GWRP-003	Recommended	Fort Bend	Urban	None	5	Low	5	Medium Low	4	Moderate Decrease	2	Moderate Decrease	2	Low	5
City of Richmond GRP	GWRP-004	Recommended	Fort Bend	Urban	Positive	5	Low	5	Medium Low	4	Moderate Decrease	2	Moderate Decrease	2	Low	5
City of Rosenberg GRP	GWRP-005	Recommended	Fort Bend	Urban	None	5	Low	5	Medium	3	Moderate Decrease	2	Moderate Decrease	2	Low	5
City of Sugar Land IWRP	GWRP-006	Recommended	Fort Bend	Urban	None	5	Low	5	Medium Low	4	Moderate Decrease	2	Moderate Decrease	2	Low	5
Fort Bend County MUD 25 GRP	GWRP-007	Recommended	Fort Bend	Urban	None	5	Low	5	Low	5	Moderate Decrease	2	Moderate Decrease	2	Low	5
Fort Bend County WC&ID No. 2 GRP	GWRP-008	Recommended	Fort Bend	Urban	None	5	Low	5	Medium Low	4	Moderate Decrease	2	Moderate Decrease	2	Low	5
Montgomery County MUDs 8 and 9 GRP	GWRP-009	Recommended	Montgomery	Urban	None	5	Low	5	Medium Low	4	Moderate Decrease	2	Moderate Decrease	2	Low	5
NFBWA GRP	GWRP-010	Recommended	Fort Bend	Urban	None	5	Low	5	Medium	3	None or Limited	3	None or Limited	3	Low	5
NHCRWA GRP	GWRP-011	Recommended	Harris	Urban	None	5	Low	5	Medium	3	None or Limited	3	None or Limited	3	Low	5
Porter SUD Joint GRP	GWRP-012	Recommended	Montgomery	Urban	None	5	Low	5	Medium Low	4	Moderate Decrease	2	Moderate Decrease	2	Low	5

Key WMS and Project Overview					Agricultural Impacts		Wildlife Habitat				Environmental Water Needs		Bays, Estuaries, and Arms of the Gulf of Mexico		Cultural Resources	
Name	Technical Memorandum	Considered or Recommended	Primary Counties	Primary Development Setting	Agricultural Impact Description	Score	Project Acreage Description	Score	Environmental Land and Habitat Impact Description	Score	Instream Flow Impact Description	Score	Bay and Estuary Impact Description	Score	Cultural Resource Impact Description	Score
River Plantation and East Plantation Joint GRP	GWRP-013	Recommended	Montgomery	Urban	None	5	Low	5	Low	5	Moderate Decrease	2	Moderate Decrease	2	Low	5
SJRA GRP	GWRP-014	Recommended	Montgomery	Mixed	Medium Low	4	Medium Low	4	Medium Low	4	Moderate Decrease	2	Moderate Decrease	2	Low	5
WHCRWA GRP	GWRP-015	Recommended	Harris	Urban	None	5	Low	5	Medium	3	None or Limited	3	None or Limited	3	Low	5
City of Houston Reuse	REUS-001	Recommended	Harris	Urban	None	5	Medium Low	4	Medium Low	4	Moderate Decrease	2	Moderate Decrease	2	Low	5
City of Pearland Reuse	REUS-002	Recommended	Brazoria, Harris	Urban	None	5	Low	5	Medium Low	4	Moderate Decrease	2	Moderate Decrease	2	Low	5
Galveston County Industrial Reuse	REUS-003	Recommended	Galveston	Urban	None	5	Low	5	Medium Low	4	None or Limited	3	Moderate Decrease	2	Low	5
NFBWA Member District Reuse	REUS-004	Recommended	Fort Bend	Urban	None	5	Medium Low	4	Medium Low	4	Moderate Decrease	2	Moderate Decrease	2	Low	5
NHCRWA Member District Reuse	REUS-005	Recommended	Harris	Urban	None	5	Low	5	Medium Low	4	Moderate Decrease	2	Moderate Decrease	2	Low	5
San Jacinto Basin Regional Return Flows	REUS-006	Recommended	Harris, Montgomery	Mixed	None	5	Low	5	Low	5	Moderate Decrease	2	Moderate Decrease	2	None	5
Wastewater Reclamation for Industry	REUS-007	Considered	Harris	Urban	None	5	Medium Low	4	Medium Low	4	Moderate Decrease	2	Moderate Decrease	2	Low	5
Wastewater Reclamation for Municipal Irrigation	REUS-008	Recommended	Multiple	Rural	None	5	Medium Low	4	Low	5	Moderate Decrease	2	Moderate Decrease	2	Low	5
Westwood Shores MUD Reuse	REUS-009	Recommended	Trinity	Urban	None	5	Low	5	Medium Low	4	None or Limited	3	None or Limited	3	Low	5
Allens Creek Reservoir	SWDV-001	Recommended	Austin	Rural	Medium	3	Medium High	2	Medium Low	4	None or Limited	3	None or Limited	3	Medium	3
BRA System Operation Permit	SWDV-002	Recommended	Multiple	Rural	Positive	5	None	5	Medium	3	Moderate Decrease	2	Moderate Decrease	2	None	5
Dow Reservoir and Pump Station Expansion	SWDV-003	Recommended	Brazoria	Rural	Medium Low	4	Medium Low	4	Medium Low	4	Moderate Decrease	2	Moderate Decrease	2	Medium	3
Freeport Seawater Desalination	SWDV-004	Recommended	Brazoria	Urban	None	5	Low	5	Medium	3	None or Limited	3	Moderate Decrease	2	Low	5
Lake Somerville Augmentation	SWDV-005	Considered	Burleson, Brazos	Rural	Medium Low	4	Medium Low	4	Medium	3	Moderate Decrease	2	Moderate Decrease	2	Low	5
Lone Star Lake	SWDV-006	Considered	Montgomery	Rural	Medium Low	4	Medium	3	High	1	Moderate Decrease	2	Moderate Decrease	2	Medium High	2
Manvel Supply Expansion	SWDV-007	Recommended	Brazoria	Mixed	Medium Low	4	Medium Low	4	Medium	3	Moderate Decrease	2	Moderate Decrease	2	Medium Low	4
NRG Cedar Bayou Desalination	SWDV-008	Recommended	Brazoria	Urban	None	5	Low	5	Medium	3	None or Limited	3	Moderate Decrease	2	Low	5
BWA Treatment Expansion	TRET-001	Recommended	Brazoria	Urban	None	5	Low	5	Low	5	None or Limited	3	None or Limited	3	Low	5
City of Houston Treatment Expansion	TRET-002	Recommended	Harris	Urban	None	5	Low	5	Medium Low	4	None or Limited	3	None or Limited	3	Low	5
City of Houston West Water Purification Plant	TRET-003	Recommended	Harris, Fort Bend, Waller	Urban	Medium Low	4	Medium Low	4	Medium	3	None or Limited	3	None or Limited	3	Medium Low	4
GCWA Western Galveston County Treatment Expansion	TRET-004	Recommended	Galveston	Rural	None	5	Low	5	Medium	3	None or Limited	3	None or Limited	3	Medium Low	4
Northeast Water Purification Plant Expansion	TRET-005	Recommended	Harris	Urban	None	5	Medium Low	4	Medium Low	4	None or Limited	3	None or Limited	3	Low	5
Pearland Surface Water Treatment Plant	TRET-006	Recommended	Brazoria	Urban	None	5	Low	5	Medium Low	4	None or Limited	3	None or Limited	3	Low	5
SEWPP Additional Module	TRET-007	Recommended	Harris	Urban	None	5	Low	5	Medium Low	4	None or Limited	3	None or Limited	3	Low	5
BAWA East SWTP Expansion	TRET-008	Recommended	Chambers	Urban	None	5	Low	5	Medium Low	4	None or Limited	3	None or Limited	3	Low	5
Brazos Saltwater Barrier	OTHR-001	Recommended	Brazoria	Rural	None	5	Low	5	Medium High	2	Moderate Decrease	2	Moderate Decrease	2	Low	5
GCWA Shannon Pumping Plant Expansion	OTHR-002	Recommended	Fort Bend	Rural	None	5	Low	5	Medium	3	Moderate Decrease	2	Moderate Decrease	2	Low	5
Municipal Drought Management	OTHR-003	Considered	All	Urban	None	5	None	5	Low	5	None or Limited	3	None or Limited	3	None	5
New and Expanded Contracts	OTHR-004	Recommended	Multiple	Mixed	None	5	None	5	Low	5	Moderate Decrease	2	Moderate Decrease	2	None	5
LNVA Devers Pump Station Relocation	OTHR-005	Recommended	Chambers, Liberty	Rural	Positive	5	Low	5	Medium	3	None or Limited	3	None or Limited	3	Low	5

ATTACHMENT 4

REVISED APPENDIX 9-A TABLE

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Table 9-A1 – Tabulated Infrastructure Finance Report Survey Responses

Sponsor	Project Name	Project Total Capital Cost	(1) Planning, Design, Permitting & Acquisition		(2) Construction		Total of (1) Planning and Acquisition and (2) Construction	Percent State Participation in Owning Excess Capacity
			Amount	Year Needed	Amount	Year Needed		
BAYTOWN	BAWA EAST SWTP EXPANSION	\$51,112,545	\$3,400,000	2025	\$60,000,000	2025	\$63,400,000	0
CENTRAL HARRIS COUNTY REGIONAL WATER AUTHORITY	CHCRWA TRANSMISSION AND INTERNAL DISTRIBUTION	\$17,202,167	\$2,300,000	2019	\$9,205,750	2022	\$11,505,750	0
	COH NORTHEAST WATER PURIFICATION PLANT EXPANSION - PHASES 1 AND 2	\$26,588,846	\$4,551,000	multi-year	\$30,589,000	multi-year	\$35,140,000	0
	COH, NHCROWA, AND CHCRWA SHARED TRANSMISSION	\$12,962,627	\$1,892,000	multi-year	\$10,473,000	multi-year	\$12,365,000	0
	MUNICIPAL CONSERVATION, CENTRAL HARRIS COUNTY REGIONAL WATER AUTHORITY	\$13,212,771						
	MUNICIPAL IRRIGATION REUSE DEVELOPMENT, CHCRWA	\$1,185,366	TBD	TBD	TBD	TBD	TBD	0
	WUG INFRASTRUCTURE EXPANSION - CHCRWA DISTRICTS	\$14,616,551	TBD	TBD	TBD	TBD	TBD	0
CHATEAU WOODS MUD	MUNICIPAL CONSERVATION, CHATEAU WOODS MUD	\$685,178	\$0	?	\$0	?	\$0	0
DOW INC	BRAZOS SALTWATER BARRIER	\$67,552,043	\$19,888,000	TBD	\$35,891,480	TBD	\$55,779,480	TBD
	DOW RESERVOIR AND PUMP STATION EXPANSION	\$350,000,000	\$15,000,000	2021	\$335,000,000	2022	\$350,000,000	0
	FREEPORT SEAWATER DESALINATION	\$155,877,822	\$25,000,000	2030	\$130,877,822	2032	\$155,877,822	TBD
FOREST HILLS MUD	MUNICIPAL CONSERVATION, FOREST HILLS MUD	\$524,989	\$200,000	2022	\$324,989	2025	\$524,989	0
	WATER LOSS REDUCTION, FOREST HILLS MUD	\$369,452	\$100,000	2023	\$269,452	2026	\$369,452	0
	WUG INFRASTRUCTURE EXPANSION - FOREST HILLS MUD	\$10,162,348	\$500,000	2025	\$2,500,000	2027	\$3,000,000	0
FORT BEND COUNTY MUD 115	MUNICIPAL CONSERVATION, FORT BEND COUNTY MUD 115	\$372,829	\$0		\$0		\$0	0
	WATER LOSS REDUCTION, FORT BEND COUNTY MUD 115	\$743,632	\$0		\$0		\$0	0
	WUG INFRASTRUCTURE EXPANSION - FORT BEND COUNTY MUD 115	\$10,289,100	\$0		\$0		\$0	0

Sponsor	Project Name	Project Total Capital Cost	(1) Planning, Design, Permitting & Acquisition		(2) Construction		Total of (1) Planning and Acquisition and (2) Construction	Percent State Participation in Owning Excess Capacity
			Amount	Year Needed	Amount	Year Needed		
FORT BEND COUNTY MUD 128	MUNICIPAL CONSERVATION, FORT BEND COUNTY MUD 128	\$780,546	\$0		\$0		\$0	0
	WUG INFRASTRUCTURE EXPANSION - FORT BEND COUNTY MUD 128	\$10,439,739	\$0		\$0		\$0	0
FORT BEND COUNTY MUD 129	MUNICIPAL CONSERVATION, FORT BEND COUNTY MUD 129	\$854,414	\$0		\$0		\$0	0
	WUG INFRASTRUCTURE EXPANSION - FORT BEND COUNTY MUD 129	\$10,289,100	\$0		\$0		\$0	0
FORT BEND COUNTY MUD 149	MUNICIPAL CONSERVATION, FORT BEND COUNTY MUD 149	\$1,015,781	\$0		\$0		\$0	0
	WUG INFRASTRUCTURE EXPANSION - FORT BEND COUNTY MUD 149	\$10,088,460	\$0		\$0		\$0	0
FORT BEND COUNTY MUD 158	MUNICIPAL CONSERVATION, FORT BEND COUNTY MUD 158	\$654,285	\$0		\$0		\$0	
	WUG INFRASTRUCTURE EXPANSION - FORT BEND COUNTY MUD 158	\$10,088,460	\$0		\$0		\$0	
FORT BEND COUNTY MUD 162	MUNICIPAL CONSERVATION, FORT BEND COUNTY MUD 162	\$869,534	\$0		\$0		\$0	
	WUG INFRASTRUCTURE EXPANSION (GROUNDWATER) - FORT BEND COUNTY MUD 162	\$5,639,722	\$0		\$0		\$0	
GULF COAST WATER AUTHORITY	CHOCOLATE BAYOU PUMP STATION EXPANSION*	\$0						
	CHOCOLATE BAYOU SALTWATER BARRIER IMPROVEMENTS*	\$0						
	GALVESTON COUNTY INDUSTRIAL REUSE INFRASTRUCTURE	\$90,746,960						
	GCWA BACKUP WELL DEVELOPMENT	\$1,346,492						
	GCWA WESTERN GALVESTON COUNTY TREATMENT EXPANSION	\$167,919,105						
	GCWA INDUSTRIAL RAW WATER LINE	\$45,110,104						
	MUSTANG RESERVOIR IMPROVEMENTS*	\$0						
	SEWPP ADDITIONAL MODULE	\$97,597,266						
	SOUTHEAST TRANSMISSION LINE IMPROVEMENTS	\$53,117,789						

Sponsor	Project Name	Project Total Capital Cost	(1) Planning, Design, Permitting & Acquisition		(2) Construction		Total of (1) Planning and Acquisition and (2) Construction	Percent State Participation in Owning Excess Capacity
			Amount	Year Needed	Amount	Year Needed		
LOWER NECHES VALLEY AUTHORITY	LNVA DEVERS PUMP STATION RELOCATION	\$17,570,019	\$0		\$17,570,019	2025	\$17,570,019	0
MONTGOMERY COUNTY WCID 1	MUNICIPAL CONSERVATION, MONTGOMERY COUNTY WCID 1	\$870,925	\$250,000	2027	\$620,925	2030	\$870,925	0
	WUG INFRASTRUCTURE EXPANSION - MONTGOMERY COUNTY WCID 1	\$10,088,460	\$1,500,000	2025	\$8,588,460	2026	\$10,088,460	0
NORTH CHANNEL WATER AUTHORITY	MUNICIPAL CONSERVATION, NORTH CHANNEL WATER AUTHORITY	\$19,645,665	TBD		TBD		TBD	
	WATER LOSS REDUCTION, NORTH CHANNEL WATER AUTHORITY	\$5,816,298	TBD		TBD		TBD	
NORTH HARRIS COUNTY REGIONAL WATER AUTHORITY	COH NORTHEAST WATER PURIFICATION PLANT EXPANSION - PHASES 1 AND 2	\$615,693,056	\$77,383,000	2017	\$696,447,000	2019	\$773,830,000	0
	COH, NHCRAW, AND CHCRWA SHARED TRANSMISSION	\$300,595,751	\$33,999,000	2018	\$305,991,000	2018	\$339,990,000	0
	MUNICIPAL CONSERVATION, NORTH HARRIS COUNTY REGIONAL WATER AUTHORITY	\$228,700,267	\$22,870,027	2020	\$205,830,240	2021	\$228,700,267	0
	MUNICIPAL IRRIGATION REUSE DEVELOPMENT, NHCRAW	\$21,061,144	\$2,106,114	2025	\$18,955,030	2027	\$21,061,144	0
	NHCRAW DISTRIBUTION EXPANSION - 2025 PHASE	\$501,912,161	\$82,679,000	2017	\$744,111,000	2020	\$826,790,000	0
	NHCRAW DISTRIBUTION EXPANSION - 2035 PHASE	\$404,769,674	\$40,476,967	2032	\$364,292,707	2035	\$404,769,674	0
NORTH ZULCH MUD	NHCRAW DISTRIBUTION EXPANSION - 2045 PHASE	\$13,022,081	\$1,302,208	2042	\$11,719,873	2045	\$13,022,081	0
	NHCRAW MEMBER DISTRICT REUSE INFRASTRUCTURE	\$4,295,775	\$429,578	2021	\$3,866,198	2021	\$4,295,775	0
	NHCRAW TRANSMISSION LINES	\$327,910,960	\$13,538,500	2019	\$121,846,500	2020	\$135,385,000	0
	WUG INFRASTRUCTURE EXPANSION - NHCRAW DISTRICTS 2025	\$225,394,742	\$22,539,474	2023	\$202,855,268	2025	\$225,394,742	0
	WUG INFRASTRUCTURE EXPANSION - NHCRAW DISTRICTS 2035	\$11,181,277	\$1,118,128	2032	\$10,063,149	2035	\$11,181,277	0
	MUNICIPAL CONSERVATION, NORTH ZULCH MUD	\$457,404	\$197,000	2020	\$260,404	2021	\$457,404	0
NRG	WATER LOSS REDUCTION, NORTH ZULCH MUD	\$215,606	\$70,000	2020	\$145,606	2021	\$215,606	0
	NRG CEDAR BAYOU DESALINATION INFRASTRUCTURE	\$342,840,391	\$6,900,000	2021	\$51,500,000	2022	\$58,400,000	20

Sponsor	Project Name	Project Total Capital Cost	(1) Planning, Design, Permitting & Acquisition		(2) Construction		Total of (1) Planning and Acquisition and (2) Construction	Percent State Participation in Owning Excess Capacity
			Amount	Year Needed	Amount	Year Needed		
PEARLAND	MUNICIPAL CONSERVATION, PEARLAND	\$40,507,644	\$6,500,000	2029-2030	\$34,007,644	2031-2035	\$40,507,644	0
	PEARLAND REUSE INFRASTRUCTURE	\$12,648,000	\$3,500,000	2023	\$9,148,000	2024	\$12,648,000	0
	PEARLAND SURFACE WATER TREATMENT PLANT DEVELOPMENT	\$232,787,093	\$32,000,000	2040-2041	\$200,787,093	2041-2043	\$232,787,093	0
	WATER LOSS REDUCTION, PEARLAND	\$7,680,110	\$1,500,000	2023	\$6,180,110	2024	\$7,680,110	0
PORTER SUD	PORTER SUD GRP INFRASTRUCTURE - PHASE 1	\$18,370,179	\$13,340,000	2022	\$24,000,000	2023	\$37,340,000	0
	PORTER SUD GRP INFRASTRUCTURE - PHASE 2	\$8,492,353	\$5,560,000	2029	\$10,000,000	2030	\$15,560,000	0
	WUG INFRASTRUCTURE EXPANSION - PORTER SUD	\$19,391,918	\$10,100,000	2025	\$18,200,000	2026	\$28,300,000	0
	LAKE LIVINGSTON TO SJRA TRANSFER	\$245,492,975	\$58,152,562	2023	\$187,340,413	2035	\$245,492,975	0
SAN JACINTO RIVER AUTHORITY	SJRA AQUIFER STORAGE AND RECOVERY	\$222,907,186	\$55,547,737	2048	\$167,359,449	2060	\$222,907,186	0
	SJRA CATAHOULA AQUIFER SUPPLIES	\$18,200,411	\$4,613,155	2023	\$13,587,256	2031	\$18,200,411	0
	SJRA GROUNDWATER REDUCTION PLAN - 2025 PHASE	\$87,842,787	\$21,960,697	2031	\$65,882,090	2036	\$87,842,787	0
	SJRA GROUNDWATER REDUCTION PLAN - 2035 PHASE	\$348,819,483	\$87,204,871	2041	\$261,614,612	2046	\$348,819,483	0
	SJRA GROUNDWATER REDUCTION PLAN - 2045 PHASE	\$213,429,097	\$53,357,274	2051	\$160,071,823	2056	\$213,429,097	0
	SJRA GROUNDWATER REDUCTION PLAN - 2055 PHASE	\$348,819,483	\$87,204,871	2061	\$261,614,612	2066	\$348,819,483	0
SIENNA PLANTATION	MUNICIPAL CONSERVATION, SIENNA PLANTATION	\$14,108,377	\$0		\$0		\$0	0
	WUG INFRASTRUCTURE EXPANSION - SIENNA PLANTATION	\$12,234,868	\$0		\$0		\$0	0

Sponsor	Project Name	Project Total Capital Cost	(1) Planning, Design, Permitting & Acquisition		(2) Construction		Total of (1) Planning and Acquisition and (2) Construction	Percent State Participation in Owning Excess Capacity
			Amount	Year Needed	Amount	Year Needed		
SUGAR LAND	MUNICIPAL CONSERVATION, SUGAR LAND	\$40,237,388	\$0		\$0		\$0	
	SUGAR LAND ADVANCED LOSS REDUCTION	\$359,565	\$0		\$0		\$0	
	SUGAR LAND AMI	\$12,488,608	\$0		\$0		\$0	
	SUGAR LAND GROUNDWATER PLANT CONVERSION	\$21,466,745	\$0		\$0		\$0	
	SUGAR LAND IWRP REUSE INFRASTRUCTURE - PHASE 1	\$18,579,129	\$0		\$0		\$0	
	SUGAR LAND IWRP REUSE INFRASTRUCTURE - PHASE 2	\$10,302,830	\$0		\$0		\$0	
	SUGAR LAND SURFACE WATER EXPANSION - PHASE 1	\$52,730,261	\$0		\$0		\$0	
SUGAR LAND	SUGAR LAND SURFACE WATER EXPANSION - PHASE 2	\$17,206,901	\$0		\$0		\$0	
	WATER LOSS REDUCTION, SUGAR LAND	\$1,306,356	\$0		\$0		\$0	
WEST HARRIS COUNTY MUD 6	MUNICIPAL CONSERVATION, WEST HARRIS COUNTY MUD 6	\$379,276	\$179,276	2025	\$200,000	2026	\$379,276	0
	WUG INFRASTRUCTURE EXPANSION (GROUNDWATER) - WEST HARRIS COUNTY MUD 6	\$5,989,492	\$1,750,000	2028	\$4,239,492	2030	\$5,989,492	0

*Project included in the Region H Initially Prepared Plan but not included in the 2021 Region H Regional Water Plan at sponsor request due to project already being in development.

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REVISED APPENDIX DB TABLES

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Region H Water User Group (WUG) Category Summary

Municipal	2020	2030	2040	2050	2060	2070
POPULATION	6,663,025	7,315,573	7,892,541	8,418,267	8,899,942	9,382,071
DEMAND (acre-feet per year)	1,176,380	1,272,539	1,358,792	1,442,210	1,525,267	1,609,898
EXISTING SUPPLIES (acre-feet per year)	1,329,854	1,182,195	1,114,136	1,133,276	1,151,268	1,168,222
NEEDS (acre-feet per year)*	9,446	218,551	363,736	420,749	479,707	542,163
COUNTY-OTHER	2020	2030	2040	2050	2060	2070
POPULATION	662,289	892,127	1,131,992	1,449,245	1,866,131	2,361,207
DEMAND (acre-feet per year)	88,855	116,075	144,503	183,338	235,269	297,022
EXISTING SUPPLIES (acre-feet per year)	85,978	88,153	88,495	94,445	102,556	112,177
NEEDS (acre-feet per year)*	9,086	34,997	61,528	92,504	136,147	188,210
Manufacturing	2020	2030	2040	2050	2060	2070
DEMAND (acre-feet per year)	594,455	694,635	694,635	694,635	694,635	694,635
EXISTING SUPPLIES (acre-feet per year)	766,833	769,266	767,838	766,702	767,157	767,751
NEEDS (acre-feet per year)*	32,615	63,357	64,445	65,239	64,442	63,506
Mining	2020	2030	2040	2050	2060	2070
DEMAND (acre-feet per year)	15,486	16,267	15,426	14,646	13,938	13,657
EXISTING SUPPLIES (acre-feet per year)	12,571	12,452	11,800	11,000	10,099	9,493
NEEDS (acre-feet per year)*	3,293	4,193	4,004	4,024	4,228	4,565
Steam Electric Power	2020	2030	2040	2050	2060	2070
DEMAND (acre-feet per year)	104,561	104,561	104,561	104,561	104,561	104,561
EXISTING SUPPLIES (acre-feet per year)	169,929	169,905	169,881	169,856	169,832	169,808
NEEDS (acre-feet per year)*	4,968	4,968	4,968	4,968	4,968	4,968
Livestock	2020	2030	2040	2050	2060	2070
DEMAND (acre-feet per year)	14,164	14,164	14,164	14,164	14,164	14,164
EXISTING SUPPLIES (acre-feet per year)	12,905	12,522	12,266	12,266	12,266	12,258
NEEDS (acre-feet per year)*	1,259	1,642	1,898	1,898	1,898	1,906
Irrigation	2020	2030	2040	2050	2060	2070
DEMAND (acre-feet per year)	342,862	342,862	342,862	342,862	342,862	342,862
EXISTING SUPPLIES (acre-feet per year)	306,978	306,978	306,978	306,978	306,978	306,895
NEEDS (acre-feet per year)*	84,455	84,455	84,455	84,455	84,455	84,538

*WUG supplies and projected demands are entered for each of a WUG's region-county-basin divisions. The needs shown in the WUG Category Summary report are calculated by first deducting the WUG split's projected demand from its total existing water supply volume. If the WUG split has a greater existing supply volume than projected demand in any given decade, this amount is considered a surplus volume. Before aggregating the difference between supplies and demands to the WUG category level, calculated surpluses are updated to zero so that only the WUGs with needs in the decade are included with the Needs totals.

Region H Water User Group (WUG) Existing Water Supply

WUG NAME	SOURCE REGION	SOURCE DESCRIPTION	EXISTING SUPPLY (ACRE-Feet PER YEAR)					
			2020	2030	2040	2050	2060	2070
Austin County WSC	H	Gulf Coast Aquifer System Austin COUNTY	229	257	288	328	374	426
Bellville	H	Gulf Coast Aquifer System Austin COUNTY	1,126	1,191	1,264	1,359	1,470	1,594
Sealy	H	Gulf Coast Aquifer System Austin COUNTY	1,377	1,513	1,667	1,859	2,081	2,329
West End WSC*	H	Gulf Coast Aquifer System Austin COUNTY	179	196	211	230	252	276
County-Other	H	Gulf Coast Aquifer System Austin COUNTY	1,617	1,668	1,668	1,668	1,668	1,668
Manufacturing	H	Gulf Coast Aquifer System Austin COUNTY	69	74	74	74	74	74
Mining	H	Gulf Coast Aquifer System Austin COUNTY	97	97	97	97	97	69
Livestock	H	Gulf Coast Aquifer System Austin COUNTY	852	852	852	852	852	852
Irrigation	H	Gulf Coast Aquifer System Austin COUNTY	2,222	2,222	2,222	2,222	2,222	2,222
Brazos BASIN TOTAL			7,768	8,070	8,343	8,689	9,090	9,510
Austin County WSC	H	Gulf Coast Aquifer System Austin COUNTY	19	21	24	27	31	35
Sealy	H	Gulf Coast Aquifer System Austin COUNTY	3	3	3	4	4	5
Wallis	H	Gulf Coast Aquifer System Austin COUNTY	160	164	170	180	192	207
County-Other	H	Gulf Coast Aquifer System Austin COUNTY	421	487	487	487	487	487
Manufacturing	H	Gulf Coast Aquifer System Austin COUNTY	37	40	40	40	40	40
Mining	H	Gulf Coast Aquifer System Austin COUNTY	28	28	28	28	28	20
Livestock	H	Gulf Coast Aquifer System Austin COUNTY	239	239	239	239	239	239
Irrigation	H	Gulf Coast Aquifer System Austin COUNTY	3,785	3,785	3,785	3,785	3,785	3,785
Brazos-Colorado BASIN TOTAL			4,692	4,767	4,776	4,790	4,806	4,818
West End WSC*	H	Gulf Coast Aquifer System Austin COUNTY	20	22	24	26	29	32
County-Other	H	Gulf Coast Aquifer System Austin COUNTY	16	18	21	25	29	31
Mining	H	Gulf Coast Aquifer System Austin COUNTY	2	2	2	2	2	1
Livestock	H	Gulf Coast Aquifer System Austin COUNTY	17	17	17	17	17	17
Colorado BASIN TOTAL			55	59	64	70	77	81
Austin COUNTY TOTAL			12,515	12,896	13,183	13,549	13,973	14,409
Brazoria	H	Brazos Run-of-River	104	108	112	112	109	106
Freeport	H	Brazos Run-of-River	148	150	153	157	163	170
Lake Jackson	H	Brazos Run-of-River	13	12	13	14	14	13
Lake Jackson	H	Gulf Coast Aquifer System Brazoria COUNTY	22	23	22	22	23	26
Vарner Creek UD	H	Gulf Coast Aquifer System Brazoria COUNTY	210	204	198	198	198	198
West Columbia	H	Gulf Coast Aquifer System Brazoria COUNTY	372	356	344	345	345	348
County-Other	H	Gulf Coast Aquifer System Brazoria COUNTY	969	1,094	1,300	1,512	1,598	1,598
Manufacturing	H	Brazos Run-of-River	7,341	8,590	8,590	8,590	8,590	8,590
Manufacturing	H	Gulf Coast Aquifer System Brazoria COUNTY	108	147	139	130	121	112
Mining	H	Gulf Coast Aquifer System Brazoria COUNTY	135	135	135	135	135	135
Livestock	H	Gulf Coast Aquifer System Brazoria COUNTY	107	107	107	107	107	107
Irrigation	H	Brazos Run-of-River	2,661	2,661	2,661	2,661	2,661	2,661
Irrigation	H	Gulf Coast Aquifer System Brazoria COUNTY	1,293	1,293	1,293	1,293	1,293	1,293
Brazos BASIN TOTAL			13,483	14,880	15,067	15,276	15,357	15,357
Brazoria	H	Brazos Run-of-River	249	245	241	241	244	247
Freeport	H	Brazos Run-of-River	1	1	1	1	1	1
Sweeny	H	Gulf Coast Aquifer System Brazoria COUNTY	524	510	498	493	494	497
West Columbia	H	Gulf Coast Aquifer System Brazoria COUNTY	68	65	62	62	63	63
County-Other	H	Gulf Coast Aquifer System Brazoria COUNTY	3,772	3,772	3,772	3,772	3,772	3,772
Manufacturing	H	Brazos-Colorado Run-of-River	11,729	11,729	11,729	11,729	11,729	11,729
Manufacturing	H	Gulf Coast Aquifer System Brazoria COUNTY	2,014	2,014	2,014	2,014	2,014	1,971
Mining	H	Gulf Coast Aquifer System Brazoria COUNTY	252	252	252	252	252	247
Livestock	H	Gulf Coast Aquifer System Brazoria COUNTY	401	401	401	401	401	393

*A single asterisk next to a WUG's name denotes that the WUG is split by two or more planning regions.

Region H Water User Group (WUG) Existing Water Supply

WUG NAME	SOURCE REGION	SOURCE DESCRIPTION	EXISTING SUPPLY (ACRE-FEET PER YEAR)					
			2020	2030	2040	2050	2060	2070
Irrigation	H	Gulf Coast Aquifer System Brazoria COUNTY	4,045	4,045	4,045	4,045	4,045	3,962
Brazos-Colorado BASIN TOTAL			23,055	23,034	23,015	23,010	23,015	22,882
Alvin	H	DIRECT REUSE	81	81	81	81	81	81
Alvin	H	Gulf Coast Aquifer System Brazoria COUNTY	4,644	4,866	5,160	5,587	6,186	6,983
Angleton	H	Brazos Run-of-River	2,016	2,016	2,016	2,016	2,016	2,016
Angleton	H	Gulf Coast Aquifer System Brazoria COUNTY	184	184	184	184	184	184
Brazoria County MUD 2	H	Gulf Coast Aquifer System Brazoria COUNTY	1,666	1,658	1,655	1,653	1,653	1,654
Brazoria County MUD 21	H	Gulf Coast Aquifer System Brazoria COUNTY	646	669	719	769	819	853
Brazoria County MUD 25	H	Gulf Coast Aquifer System Brazoria COUNTY	417	459	502	554	618	689
Brazoria County MUD 29	H	Gulf Coast Aquifer System Brazoria COUNTY	456	716	920	920	920	920
Brazoria County MUD 3	H	DIRECT REUSE	9	9	9	9	9	9
Brazoria County MUD 3	H	Gulf Coast Aquifer System Brazoria COUNTY	655	646	648	654	662	676
Brazoria County MUD 31	H	Gulf Coast Aquifer System Brazoria COUNTY	409	459	537	608	675	717
Brazoria County MUD 6	H	Gulf Coast Aquifer System Brazoria COUNTY	1,268	1,258	1,257	1,258	1,260	1,266
Clute	H	Brazos Run-of-River	1,120	1,120	1,120	1,120	1,120	1,120
Clute	H	Gulf Coast Aquifer System Brazoria COUNTY	364	363	374	406	459	520
Danbury	H	Gulf Coast Aquifer System Brazoria COUNTY	176	169	162	159	159	159
Freeport	H	Brazos Run-of-River	2,091	2,089	2,086	2,082	2,076	2,069
Freeport	H	DIRECT REUSE	17	17	17	17	17	17
Freeport	H	Gulf Coast Aquifer System Brazoria COUNTY	82	82	82	82	82	82
Hillcrest Village	H	Gulf Coast Aquifer System Brazoria COUNTY	120	117	114	113	113	113
Lake Jackson	H	Brazos Run-of-River	2,227	2,228	2,227	2,226	2,226	2,227
Lake Jackson	H	Gulf Coast Aquifer System Brazoria COUNTY	2,988	3,012	3,068	3,179	3,347	3,539
Manvel	H	Gulf Coast Aquifer System Brazoria COUNTY	130	208	279	359	455	573
Oyster Creek	H	Brazos Run-of-River	148	148	148	148	148	148
Oyster Creek	H	Gulf Coast Aquifer System Brazoria COUNTY	110	110	111	117	125	136
Pearland	H	Gulf Coast Aquifer System Brazoria COUNTY	4,419	5,168	6,292	7,570	9,024	10,445
Pearland	H	Livingston-Wallisville Lake/Reservoir System	14,954	14,566	14,097	13,807	13,657	13,456
Quadvest	H	Gulf Coast Aquifer System Brazoria COUNTY	150	194	247	310	387	470
Richwood	H	Brazos Run-of-River	263	263	263	263	263	263
Richwood	H	Gulf Coast Aquifer System Brazoria COUNTY	128	128	131	139	155	173
Sedona Lakes MUD 1	H	Gulf Coast Aquifer System Brazoria COUNTY	174	194	214	238	265	296
Surfside Beach	H	Gulf Coast Aquifer System Brazoria COUNTY	202	202	202	202	202	202
TDCJ Ramsey Area	H	Brazos Run-of-River	1,008	1,008	1,008	1,008	1,008	1,008
TDCJ Ramsey Area	H	Gulf Coast Aquifer System Brazoria COUNTY	1,573	1,566	1,561	1,559	1,558	1,558
County-Other	H	Brazos Run-of-River	52	52	52	52	52	52
County-Other	H	Gulf Coast Aquifer System Brazoria COUNTY	10,457	12,908	12,908	12,908	12,908	12,908
Manufacturing	G	Brazos River Authority Main Stem Lake/Reservoir System	24,525	24,528	24,526	24,525	24,526	24,531
Manufacturing	H	Brazos Run-of-River	161,078	159,494	159,164	158,833	158,500	158,163
Manufacturing	H	DIRECT REUSE	3,300	3,300	3,300	3,300	3,300	3,300
Manufacturing	H	Gulf Coast Aquifer System Brazoria COUNTY	848	848	848	848	848	848
Manufacturing	H	San Jacinto-Brazos Run-of-River	15,070	15,070	15,070	15,070	15,070	15,070
Mining	H	Gulf Coast Aquifer System Brazoria COUNTY	581	581	581	581	581	581
Livestock	H	Gulf Coast Aquifer System Brazoria COUNTY	987	987	987	987	987	987
Irrigation	H	Brazos Run-of-River	0	0	0	0	0	0
Irrigation	H	Gulf Coast Aquifer System Brazoria COUNTY	8,189	8,189	8,189	8,189	8,189	8,189
Irrigation	H	San Jacinto-Brazos Run-of-River	16,670	16,670	16,670	16,670	16,670	16,670

*A single asterisk next to a WUG's name denotes that the WUG is split by two or more planning regions.

Region H Water User Group (WUG) Existing Water Supply

WUG NAME	SOURCE REGION	SOURCE DESCRIPTION	EXISTING SUPPLY (ACRE-FEET PER YEAR)					
			2020	2030	2040	2050	2060	2070
San Jacinto-Brazos BASIN TOTAL			286,652	288,600	289,786	291,360	293,560	295,921
Brazoria COUNTY TOTAL			323,190	326,514	327,868	329,646	331,932	334,160
Anahuac	H	Trinity Run-of-River	1,052	1,053	1,054	1,055	1,054	1,053
Trinity Bay Conservation District	I	Sam Rayburn-Steinhagen Lake/Reservoir System	584	584	584	584	584	584
Trinity Bay Conservation District	H	Trinity Run-of-River	730	730	730	730	730	730
County-Other	H	Gulf Coast Aquifer System Chambers COUNTY	122	143	165	189	216	245
Mining	H	Gulf Coast Aquifer System Chambers COUNTY	3,316	3,316	3,316	3,316	3,316	3,316
Livestock	H	Gulf Coast Aquifer System Chambers COUNTY	280	280	280	280	280	280
Irrigation	H	Gulf Coast Aquifer System Chambers COUNTY	320	320	320	320	320	320
Irrigation	H	Livingston-Wallisville Lake/Reservoir System	11,447	11,447	11,447	11,447	11,447	11,447
Irrigation	H	Neches-Trinity Run-of-River	37,474	37,474	37,474	37,474	37,474	37,474
Irrigation	I	Sam Rayburn-Steinhagen Lake/Reservoir System	37,000	37,000	37,000	37,000	37,000	37,000
Irrigation	H	Trinity Run-of-River	41,201	41,201	41,201	41,201	41,201	41,201
Neches-Trinity BASIN TOTAL			133,526	133,548	133,571	133,596	133,622	133,650
Anahuac	H	Trinity Run-of-River	53	52	51	50	51	52
Mont Belvieu	H	Gulf Coast Aquifer System Chambers COUNTY	2,075	2,636	2,791	2,791	2,791	2,791
Trinity Bay Conservation District	I	Sam Rayburn-Steinhagen Lake/Reservoir System	153	153	153	153	153	153
Trinity Bay Conservation District	H	Trinity Run-of-River	191	191	191	191	191	191
County-Other	H	Gulf Coast Aquifer System Chambers COUNTY	1,053	1,228	1,418	1,631	1,865	2,113
Manufacturing	H	Gulf Coast Aquifer System Chambers COUNTY	1,474	1,474	1,474	1,474	1,474	1,474
Mining	H	Gulf Coast Aquifer System Chambers COUNTY	956	956	956	956	956	956
Livestock	H	Gulf Coast Aquifer System Chambers COUNTY	74	74	74	74	74	74
Irrigation	H	Gulf Coast Aquifer System Chambers COUNTY	60	60	60	60	60	60
Irrigation	H	Livingston-Wallisville Lake/Reservoir System	9,800	9,800	9,800	9,800	9,800	9,800
Trinity BASIN TOTAL			15,889	16,624	16,968	17,180	17,415	17,664
Baytown	H	Livingston-Wallisville Lake/Reservoir System	651	745	842	952	1,081	1,218
Chambers County MUD 1	H	Livingston-Wallisville Lake/Reservoir System	260	295	333	377	431	488
Mont Belvieu	H	Gulf Coast Aquifer System Chambers COUNTY	624	792	838	838	838	838
County-Other	H	Gulf Coast Aquifer System Chambers COUNTY	386	452	522	598	684	776
County-Other	H	Livingston-Wallisville Lake/Reservoir System	971	936	898	854	800	743
Manufacturing	H	Gulf Coast Aquifer System Chambers COUNTY	972	972	972	972	972	972
Manufacturing	H	Livingston-Wallisville Lake/Reservoir System	37,322	37,322	37,322	37,322	37,322	37,322
Mining	H	Gulf Coast Aquifer System Chambers COUNTY	1,349	1,349	1,349	1,349	1,349	1,349
Steam Electric Power	H	Gulf Coast Aquifer System Chambers COUNTY	120	120	120	120	120	120
Steam Electric Power	H	Livingston-Wallisville Lake/Reservoir System	7,199	7,199	7,199	7,199	7,199	7,199
Livestock	H	Gulf Coast Aquifer System Chambers COUNTY	143	143	143	143	143	143
Irrigation	H	Gulf Coast Aquifer System Chambers COUNTY	20	20	20	20	20	20
Irrigation	H	Livingston-Wallisville Lake/Reservoir System	2,000	2,000	2,000	2,000	2,000	2,000
Irrigation	H	Trinity-San Jacinto Run-of-River	1,213	1,213	1,213	1,213	1,213	1,213
Trinity-San Jacinto BASIN TOTAL			53,230	53,558	53,771	53,957	54,172	54,401
Chambers COUNTY TOTAL			202,645	203,730	204,310	204,733	205,209	205,715
First Colony MUD 9	H	Gulf Coast Aquifer System Fort Bend COUNTY	422	305	304	303	303	303
Fort Bend County FWSD 2	H	Gulf Coast Aquifer System Fort Bend COUNTY	226	177	192	207	223	239
Fort Bend County MUD 115	H	Brazos Run-of-River	384	384	384	384	384	384
Fort Bend County MUD 115	H	Gulf Coast Aquifer System Fort Bend COUNTY	204	52	52	51	51	51

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Region H Water User Group (WUG) Existing Water Supply

WUG NAME	SOURCE REGION	SOURCE DESCRIPTION	EXISTING SUPPLY (ACRE-FEET PER YEAR)					
			2020	2030	2040	2050	2060	2070
Fort Bend County MUD 116	H	Gulf Coast Aquifer System Fort Bend COUNTY	917	689	760	816	871	927
Fort Bend County MUD 121	G	Brazos River Authority Main Stem Lake/Reservoir System	139	139	139	139	139	139
Fort Bend County MUD 121	H	Gulf Coast Aquifer System Fort Bend COUNTY	325	184	183	182	182	182
Fort Bend County MUD 128	H	Brazos Run-of-River	1,511	1,511	1,511	1,511	1,511	1,511
Fort Bend County MUD 128	H	DIRECT REUSE	420	420	420	420	420	420
Fort Bend County MUD 129	H	Brazos Run-of-River	756	756	756	756	756	756
Fort Bend County MUD 129	H	Gulf Coast Aquifer System Fort Bend COUNTY	401	51	50	49	49	49
Fort Bend County MUD 140	G	Brazos River Authority Main Stem Lake/Reservoir System	151	151	151	151	151	151
Fort Bend County MUD 140	H	Gulf Coast Aquifer System Fort Bend COUNTY	352	199	197	197	196	196
Fort Bend County MUD 149	H	Brazos Run-of-River	130	130	130	130	130	130
Fort Bend County MUD 149	H	Gulf Coast Aquifer System Fort Bend COUNTY	69	27	40	40	40	39
Fort Bend County MUD 152	H	Gulf Coast Aquifer System Fort Bend COUNTY	152	121	132	131	131	131
Fort Bend County MUD 155	H	Gulf Coast Aquifer System Fort Bend COUNTY	369	292	317	317	317	316
Fort Bend County MUD 158	H	Gulf Coast Aquifer System Fort Bend COUNTY	233	184	200	200	200	200
Fort Bend County MUD 162	H	Gulf Coast Aquifer System Fort Bend COUNTY	266	209	227	226	226	225
Fort Bend County MUD 187	G	Brazos River Authority Main Stem Lake/Reservoir System	35	35	35	35	35	35
Fort Bend County MUD 187	H	DIRECT REUSE	95	95	95	95	95	95
Fort Bend County MUD 187	H	Gulf Coast Aquifer System Fort Bend COUNTY	304	170	169	168	168	168
Fort Bend County MUD 25	H	DIRECT REUSE	65	65	66	65	65	65
Fort Bend County MUD 25	H	Gulf Coast Aquifer System Fort Bend COUNTY	135	76	76	77	78	80
Fort Bend County MUD 46	H	Brazos Run-of-River	122	122	122	122	122	122
Fort Bend County MUD 46	H	Gulf Coast Aquifer System Fort Bend COUNTY	25	10	16	16	16	16
Fort Bend County MUD 5	H	Gulf Coast Aquifer System Fort Bend COUNTY	262	204	202	201	201	201
Fort Bend County MUD 81	H	Gulf Coast Aquifer System Fort Bend COUNTY	1,504	1,595	1,722	1,851	1,980	2,110
Fort Bend County WCID 3	H	Gulf Coast Aquifer System Fort Bend COUNTY	485	385	384	384	384	384
Fulshear	H	Gulf Coast Aquifer System Fort Bend COUNTY	270	337	344	344	344	344
Needville	H	Gulf Coast Aquifer System Fort Bend COUNTY	136	133	130	131	135	142
North Fort Bend Water Authority	H	Gulf Coast Aquifer System Fort Bend COUNTY	2,237	3,072	3,730	4,111	4,314	4,418
Pecan Grove MUD 1	G	Brazos River Authority Main Stem Lake/Reservoir System	4,249	4,249	4,249	4,249	4,249	4,249
Pecan Grove MUD 1	H	Brazos Run-of-River	1,767	1,766	1,766	1,765	1,763	1,762
Pecan Grove MUD 1	H	Gulf Coast Aquifer System Fort Bend COUNTY	1,591	885	866	866	867	869
Plantation MUD	H	DIRECT REUSE	6	6	6	6	6	6
Plantation MUD	H	Gulf Coast Aquifer System Fort Bend COUNTY	430	294	288	285	284	284
Quadvest	H	Gulf Coast Aquifer System Fort Bend COUNTY	369	302	354	416	492	574
Richmond	G	Brazos River Authority Main Stem Lake/Reservoir System	1,377	1,377	1,377	1,377	1,377	1,377
Richmond	H	Gulf Coast Aquifer System Fort Bend COUNTY	879	256	278	323	376	430
Rosenberg	H	Brazos Run-of-River	3,359	3,359	3,359	3,359	3,359	3,359
Rosenberg	H	DIRECT REUSE	426	426	426	426	426	426
Rosenberg	H	Gulf Coast Aquifer System Fort Bend COUNTY	2,739	1,373	1,440	1,526	1,645	1,793
Royal Valley Utilities	H	Gulf Coast Aquifer System Fort Bend COUNTY	641	508	554	553	553	553
Sienna Plantation	H	Brazos Run-of-River	2,100	2,081	2,080	2,078	2,076	2,074
Sienna Plantation	H	DIRECT REUSE	3	3	3	3	3	3
Sienna Plantation	H	Gulf Coast Aquifer System Fort Bend COUNTY	484	217	470	724	977	1,212
Sugar Land	H	Brazos Run-of-River	4,899	4,828	4,913	5,010	5,096	5,143

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Region H Water User Group (WUG) Existing Water Supply

WUG NAME	SOURCE REGION	SOURCE DESCRIPTION	EXISTING SUPPLY (ACRE-FEET PER YEAR)					
			2020	2030	2040	2050	2060	2070
Sugar Land	H	Gulf Coast Aquifer System Fort Bend COUNTY	15,007	8,746	9,289	9,877	10,409	10,664
Sugar Land	H	San Jacinto-Brazos Run-of-River	2,394	2,366	2,400	2,438	2,472	2,490
TDCJ Jester Units	H	Gulf Coast Aquifer System Fort Bend COUNTY	539	376	376	376	375	375
County-Other	G	Brazos River Authority Main Stem Lake/Reservoir System	471	471	471	471	471	471
County-Other	H	Gulf Coast Aquifer System Fort Bend COUNTY	7,793	10,576	11,326	14,839	20,366	27,831
Manufacturing	G	Brazos River Authority Main Stem Lake/Reservoir System	67	67	67	67	67	67
Manufacturing	H	Brazos Run-of-River	369	369	369	369	369	369
Manufacturing	H	Gulf Coast Aquifer System Fort Bend COUNTY	1,469	924	924	924	924	924
Mining	H	Brazos Run-of-River	378	378	378	378	378	378
Mining	H	Gulf Coast Aquifer System Fort Bend COUNTY	41	42	32	24	16	11
Steam Electric Power	G	Brazos River Authority Main Stem Lake/Reservoir System	83,000	83,000	83,000	83,000	83,000	83,000
Steam Electric Power	H	Brazos Run-of-River	41,743	41,719	41,695	41,670	41,646	41,622
Livestock	H	Gulf Coast Aquifer System Fort Bend COUNTY	458	458	458	458	458	458
Irrigation	H	Brazos Run-of-River	12,000	12,000	12,000	12,000	12,000	12,000
Irrigation	H	Gulf Coast Aquifer System Fort Bend COUNTY	5,023	5,023	5,023	5,023	5,023	5,023
Brazos BASIN TOTAL			209,173	200,725	203,473	208,690	215,740	224,326
Kendleton	H	Gulf Coast Aquifer System Fort Bend COUNTY	183	225	258	291	324	358
Needville	H	Gulf Coast Aquifer System Fort Bend COUNTY	165	160	158	158	164	172
Rosenberg	H	Brazos Run-of-River	1	1	1	1	1	1
County-Other	H	Gulf Coast Aquifer System Fort Bend COUNTY	1,503	2,444	2,866	2,866	2,866	2,866
Mining	H	Gulf Coast Aquifer System Fort Bend COUNTY	16	17	13	9	6	4
Livestock	H	Gulf Coast Aquifer System Fort Bend COUNTY	162	162	162	162	162	162
Irrigation	H	Gulf Coast Aquifer System Fort Bend COUNTY	10,445	10,445	10,445	10,445	10,445	10,445
Brazos-Colorado BASIN TOTAL			12,475	13,454	13,903	13,932	13,968	14,008
Blue Ridge West MUD	H	DIRECT REUSE	8	8	8	8	8	8
Blue Ridge West MUD	H	Gulf Coast Aquifer System Fort Bend COUNTY	1,130	784	780	778	777	777
Fort Bend County WCID 2	H	Brazos Run-of-River	724	724	724	724	724	724
Fort Bend County WCID 2	H	Gulf Coast Aquifer System Fort Bend COUNTY	975	620	740	860	981	1,110
Fulshear	H	Gulf Coast Aquifer System Fort Bend COUNTY	80	88	121	121	121	121
Houston	H	Gulf Coast Aquifer System Fort Bend COUNTY	3,504	2,077	2,138	2,202	2,265	2,314
Houston	H	Livingston-Wallisville Lake/Reservoir System	1,583	2,545	2,226	2,166	2,096	2,014
Katy	H	Gulf Coast Aquifer System Fort Bend COUNTY	1,665	2,019	2,019	2,020	2,024	2,028
Meadows Place	H	DIRECT REUSE	26	26	26	26	26	26
Meadows Place	H	Gulf Coast Aquifer System Fort Bend COUNTY	715	497	496	498	503	509
North Fort Bend Water Authority	H	DIRECT REUSE	1,169	1,162	1,158	1,157	1,156	1,156
North Fort Bend Water Authority	H	Gulf Coast Aquifer System Fort Bend COUNTY	22,080	16,630	20,060	22,259	23,429	24,023
North Fort Bend Water Authority	H	Livingston-Wallisville Lake/Reservoir System	9,144	5,190	5,154	5,138	5,132	5,129
Sugar Land	H	Brazos Run-of-River	279	260	248	237	229	223
Sugar Land	H	Gulf Coast Aquifer System Fort Bend COUNTY	693	393	392	392	392	393
Sugar Land	H	San Jacinto-Brazos Run-of-River	110	102	98	93	90	88
West Harris County Regional Water Authority	H	Gulf Coast Aquifer System Fort Bend COUNTY	483	65	61	61	64	69
West Harris County Regional Water Authority	H	Gulf Coast Aquifer System Harris COUNTY	920	1,346	1,340	1,338	1,343	1,350
County-Other	H	Gulf Coast Aquifer System Fort Bend COUNTY	240	135	132	111	77	52

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Region H Water User Group (WUG) Existing Water Supply

WUG NAME	SOURCE REGION	SOURCE DESCRIPTION	EXISTING SUPPLY (ACRE-FEET PER YEAR)					
			2020	2030	2040	2050	2060	2070
Manufacturing	H	Gulf Coast Aquifer System Fort Bend COUNTY	146	92	92	92	92	92
Livestock	H	Gulf Coast Aquifer System Fort Bend COUNTY	55	55	55	55	55	55
Irrigation	H	Gulf Coast Aquifer System Fort Bend COUNTY	307	307	307	307	307	307
San Jacinto BASIN TOTAL			46,036	35,125	38,375	40,643	41,891	42,568
Blue Ridge West MUD	H	DIRECT REUSE	1	1	1	1	1	1
Blue Ridge West MUD	H	Gulf Coast Aquifer System Fort Bend COUNTY	99	69	69	68	68	68
First Colony MUD 9	H	Gulf Coast Aquifer System Fort Bend COUNTY	1,350	974	970	968	968	967
Fort Bend County FWSD 1	H	Gulf Coast Aquifer System Fort Bend COUNTY	82	65	71	76	82	88
Fort Bend County MUD 115	H	Brazos Run-of-River	202	202	202	202	202	202
Fort Bend County MUD 115	H	Gulf Coast Aquifer System Fort Bend COUNTY	108	28	28	28	28	28
Fort Bend County MUD 23	H	Gulf Coast Aquifer System Fort Bend COUNTY	1,319	952	968	984	1,001	1,019
Fort Bend County MUD 24	H	Gulf Coast Aquifer System Fort Bend COUNTY	146	115	125	124	124	124
Fort Bend County MUD 25	H	DIRECT REUSE	456	456	455	456	456	456
Fort Bend County MUD 25	H	Gulf Coast Aquifer System Fort Bend COUNTY	942	532	533	537	546	555
Fort Bend County MUD 26	H	Gulf Coast Aquifer System Fort Bend COUNTY	616	481	531	529	529	529
Fort Bend County MUD 42	H	Gulf Coast Aquifer System Fort Bend COUNTY	865	678	675	674	673	673
Fort Bend County MUD 46	H	Brazos Run-of-River	625	625	625	625	625	625
Fort Bend County MUD 46	H	Gulf Coast Aquifer System Fort Bend COUNTY	173	66	109	108	108	107
Fort Bend County MUD 47	H	Brazos Run-of-River	203	203	203	203	203	203
Fort Bend County MUD 47	H	Gulf Coast Aquifer System Fort Bend COUNTY	55	20	33	32	32	32
Fort Bend County MUD 48	H	Brazos Run-of-River	283	283	283	283	283	283
Fort Bend County MUD 48	H	Gulf Coast Aquifer System Fort Bend COUNTY	151	17	16	15	15	15
Fort Bend County MUD 49	H	Brazos Run-of-River	136	136	136	136	136	136
Fort Bend County MUD 49	H	Gulf Coast Aquifer System Fort Bend COUNTY	72	26	26	26	25	25
Fort Bend County WCID 2	H	Brazos Run-of-River	2,389	2,389	2,389	2,389	2,389	2,389
Fort Bend County WCID 2	H	Gulf Coast Aquifer System Fort Bend COUNTY	4,754	3,330	3,811	4,293	4,778	5,295
Fort Bend County WCID 3	H	Gulf Coast Aquifer System Fort Bend COUNTY	52	42	42	42	42	42
Fulshear	H	Gulf Coast Aquifer System Fort Bend COUNTY	1,506	1,238	1,248	1,247	1,247	1,246
Houston	H	Gulf Coast Aquifer System Fort Bend COUNTY	2,258	1,338	1,377	1,418	1,459	1,491
Houston	H	Livingston-Wallisville Lake/Reservoir System	1,019	1,640	1,434	1,395	1,350	1,297
Meadowcreek MUD	H	Gulf Coast Aquifer System Fort Bend COUNTY	394	308	306	306	305	305
Meadows Place	H	Gulf Coast Aquifer System Fort Bend COUNTY	64	44	44	44	45	45
Missouri City	G	Brazos River Authority Main Stem Lake/Reservoir System	109	45	45	45	45	45
Missouri City	H	Gulf Coast Aquifer System Fort Bend COUNTY	149	56	83	112	141	173
North Fort Bend Water Authority	H	DIRECT REUSE	845	852	856	857	858	858
North Fort Bend Water Authority	H	Gulf Coast Aquifer System Fort Bend COUNTY	13,659	8,504	11,217	12,787	13,625	14,052
North Fort Bend Water Authority	H	Livingston-Wallisville Lake/Reservoir System	12,696	16,650	16,686	16,702	16,708	16,711
Palmer Plantation MUD 1	H	Gulf Coast Aquifer System Fort Bend COUNTY	517	406	405	404	404	403
Palmer Plantation MUD 2	H	Gulf Coast Aquifer System Fort Bend COUNTY	377	261	260	259	259	259
Pearland	H	Livingston-Wallisville Lake/Reservoir System	704	701	809	907	992	1,136
Pecan Grove MUD 1	G	Brazos River Authority Main Stem Lake/Reservoir System	4	4	4	4	4	4
Pecan Grove MUD 1	H	Brazos Run-of-River	14	14	14	14	14	14
Pecan Grove MUD 1	H	Gulf Coast Aquifer System Fort Bend COUNTY	13	7	7	7	7	7
Quail Valley UD	H	DIRECT REUSE	634	634	634	634	634	634
Quail Valley UD	H	Gulf Coast Aquifer System Fort Bend COUNTY	2,421	1,896	2,098	2,094	2,092	2,091

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Region H Water User Group (WUG) Existing Water Supply

WUG NAME	SOURCE REGION	SOURCE DESCRIPTION	EXISTING SUPPLY (ACRE-FEET PER YEAR)					
			2020	2030	2040	2050	2060	2070
Sienna Plantation	G	Brazos River Authority Main Stem Lake/Reservoir System	513	583	589	596	602	608
Sienna Plantation	H	Brazos Run-of-River	5,638	5,651	5,646	5,641	5,637	5,633
Sienna Plantation	H	DIRECT REUSE	9	9	9	9	9	9
Sienna Plantation	H	Gulf Coast Aquifer System Fort Bend COUNTY	1,313	587	1,275	1,963	2,651	3,288
Sugar Land	H	Brazos Run-of-River	2,930	3,020	2,947	2,861	2,783	2,742
Sugar Land	H	Gulf Coast Aquifer System Fort Bend COUNTY	6,972	4,277	4,368	4,435	4,480	4,529
Sugar Land	H	San Jacinto-Brazos Run-of-River	1,156	1,192	1,162	1,129	1,098	1,082
TDCJ Jester Units	H	Gulf Coast Aquifer System Fort Bend COUNTY	804	561	559	559	559	559
Thunderbird UD	H	Gulf Coast Aquifer System Fort Bend COUNTY	1,215	952	948	947	946	946
County-Other	H	Gulf Coast Aquifer System Fort Bend COUNTY	6,023	3,512	4,532	5,774	6,688	7,370
Manufacturing	G	Brazos River Authority Main Stem Lake/Reservoir System	308	308	308	308	308	308
Manufacturing	H	Brazos Run-of-River	1,858	1,857	1,857	1,856	1,855	1,854
Manufacturing	H	Gulf Coast Aquifer System Fort Bend COUNTY	2,167	1,361	1,361	1,361	1,361	1,361
Mining	H	Gulf Coast Aquifer System Fort Bend COUNTY	11	6	5	4	2	2
Livestock	H	Gulf Coast Aquifer System Fort Bend COUNTY	157	157	157	157	157	157
Irrigation	H	Gulf Coast Aquifer System Fort Bend COUNTY	3,113	3,113	3,113	3,113	3,113	3,113
Irrigation	H	San Jacinto-Brazos Run-of-River	165	165	165	165	165	165
San Jacinto-Brazos BASIN TOTAL			86,814	73,599	78,829	82,913	85,917	88,359
Fort Bend COUNTY TOTAL			354,498	322,903	334,580	346,178	357,516	369,261
Bolivar Peninsula SUD	I	Sam Rayburn-Steinhagen Lake/Reservoir System	6,000	6,000	6,000	6,000	6,000	6,000
County-Other	H	Gulf Coast Aquifer System Galveston COUNTY	1	1	1	1	1	2
Mining	H	Gulf Coast Aquifer System Galveston COUNTY	8	8	9	10	11	11
Livestock	H	Gulf Coast Aquifer System Galveston COUNTY	6	6	6	6	6	6
Irrigation	H	Gulf Coast Aquifer System Galveston COUNTY	57	57	57	57	57	57
Neches-Trinity BASIN TOTAL			6,072	6,072	6,073	6,074	6,075	6,076
Bacliff MUD	G	Brazos River Authority Main Stem Lake/Reservoir System	213	214	214	213	214	213
Bacliff MUD	H	Brazos Run-of-River	840	839	838	838	837	837
Bacliff MUD	H	DIRECT REUSE	68	68	68	68	68	68
Bacliff MUD	H	Gulf Coast Aquifer System Galveston COUNTY	5	5	5	5	5	5
Bayview MUD	G	Brazos River Authority Main Stem Lake/Reservoir System	70	70	70	70	70	70
Bayview MUD	H	Brazos Run-of-River	274	274	274	273	273	273
Bayview MUD	H	Gulf Coast Aquifer System Galveston COUNTY	15	15	16	17	17	18
Friendswood	H	Gulf Coast Aquifer System Galveston COUNTY	557	577	605	640	682	729
Friendswood	H	Livingston-Wallisville Lake/Reservoir System	11,804	11,481	11,262	11,038	10,820	10,572
Galveston	G	Brazos River Authority Main Stem Lake/Reservoir System	3,766	3,766	3,766	3,767	3,766	3,766
Galveston	H	Brazos Run-of-River	14,466	14,458	14,449	14,438	14,427	14,415
Galveston	H	Gulf Coast Aquifer System Galveston COUNTY	1,662	1,742	1,828	1,924	2,016	2,115
Galveston County FWSD 6	G	Brazos River Authority Main Stem Lake/Reservoir System	65	65	65	65	65	64
Galveston County FWSD 6	H	Brazos Run-of-River	253	253	253	253	253	253
Galveston County MUD 12	G	Brazos River Authority Main Stem Lake/Reservoir System	81	80	80	81	81	80
Galveston County MUD 12	H	Brazos Run-of-River	318	318	318	317	317	317
Galveston County MUD 12	H	Gulf Coast Aquifer System Galveston COUNTY	27	26	26	25	25	25
Galveston County WCID 1	G	Brazos River Authority Main Stem Lake/Reservoir System	748	748	748	748	747	747

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Region H Water User Group (WUG) Existing Water Supply

WUG NAME	SOURCE REGION	SOURCE DESCRIPTION	EXISTING SUPPLY (ACRE-FEET PER YEAR)					
			2020	2030	2040	2050	2060	2070
Galveston County WCID 1	H	Brazos Run-of-River	1,784	1,782	1,781	1,779	1,778	1,776
Galveston County WCID 1	H	DIRECT REUSE	383	383	383	383	383	383
Galveston County WCID 1	H	Gulf Coast Aquifer System Galveston COUNTY	297	324	354	387	422	459
Galveston County WCID 12	G	Brazos River Authority Main Stem Lake/Reservoir System	187	188	187	188	187	187
Galveston County WCID 12	H	Brazos Run-of-River	736	735	735	734	734	733
Galveston County WCID 12	H	Gulf Coast Aquifer System Galveston COUNTY	187	229	233	238	241	245
Galveston County WCID 8	G	Brazos River Authority Main Stem Lake/Reservoir System	180	179	180	179	180	179
Galveston County WCID 8	H	Brazos Run-of-River	705	705	704	704	703	703
Galveston County WCID 8	H	DIRECT REUSE	161	161	161	161	161	161
Galveston County WCID 8	H	Gulf Coast Aquifer System Galveston COUNTY	61	60	61	62	64	66
Hitchcock	G	Brazos River Authority Main Stem Lake/Reservoir System	269	270	269	269	269	269
Hitchcock	H	Brazos Run-of-River	1,058	1,057	1,057	1,056	1,055	1,054
Hitchcock	H	Gulf Coast Aquifer System Galveston COUNTY	50	50	50	50	50	50
Jamaica Beach	H	Brazos Run-of-River	259	258	258	259	262	265
La Marque	G	Brazos River Authority Main Stem Lake/Reservoir System	499	498	499	499	499	499
La Marque	H	Brazos Run-of-River	1,961	1,960	1,959	1,958	1,956	1,955
La Marque	H	Gulf Coast Aquifer System Galveston COUNTY	336	358	359	362	367	371
League City	G	Brazos River Authority Main Stem Lake/Reservoir System	457	456	457	457	456	457
League City	H	Brazos Run-of-River	2,914	2,913	2,911	2,911	2,910	2,908
League City	H	DIRECT REUSE	628	628	628	628	628	628
League City	H	Gulf Coast Aquifer System Galveston COUNTY	1,417	1,562	1,677	1,776	1,835	1,877
League City	H	Livingston-Wallisville Lake/Reservoir System	17,997	17,990	17,997	17,999	17,999	18,000
San Leon MUD	G	Brazos River Authority Main Stem Lake/Reservoir System	321	321	321	321	321	320
San Leon MUD	H	Brazos Run-of-River	1,258	1,258	1,257	1,256	1,255	1,255
San Leon MUD	H	Gulf Coast Aquifer System Galveston COUNTY	1	1	1	1	1	1
Texas City	G	Brazos River Authority Main Stem Lake/Reservoir System	2,065	2,065	2,065	2,065	2,065	2,065
Texas City	H	Brazos Run-of-River	7,505	7,501	7,496	7,491	7,486	7,481
Texas City	H	Gulf Coast Aquifer System Galveston COUNTY	708	752	790	827	867	904
County-Other	H	Brazos Run-of-River	12	12	12	12	12	12
County-Other	H	Gulf Coast Aquifer System Galveston COUNTY	117	103	95	87	79	71
Manufacturing	G	Brazos River Authority Main Stem Lake/Reservoir System	10,955	10,954	10,955	10,953	10,955	10,954
Manufacturing	H	Brazos Run-of-River	43,710	43,684	43,657	43,634	43,605	43,581
Manufacturing	H	Gulf Coast Aquifer System Galveston COUNTY	301	301	301	301	301	301
Mining	H	Gulf Coast Aquifer System Galveston COUNTY	30	32	36	39	41	44
Livestock	H	Gulf Coast Aquifer System Galveston COUNTY	20	20	20	20	20	20
Irrigation	H	Brazos Run-of-River	0	0	0	0	0	0
Irrigation	H	Gulf Coast Aquifer System Galveston COUNTY	208	208	208	208	208	208
Irrigation	H	San Jacinto-Brazos Run-of-River	36	36	36	36	36	36
San Jacinto-Brazos BASIN TOTAL			135,005	134,993	135,035	135,070	135,074	135,045
Galveston COUNTY TOTAL			141,077	141,065	141,108	141,144	141,149	141,121
Baker Road MUD	H	Gulf Coast Aquifer System Harris COUNTY	278	201	141	141	141	141
Baytown	H	Gulf Coast Aquifer System Harris COUNTY	42	41	41	41	41	42
Baytown	H	Livingston-Wallisville Lake/Reservoir System	379	374	372	371	377	383

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Region H Water User Group (WUG) Existing Water Supply

WUG NAME	SOURCE REGION	SOURCE DESCRIPTION	EXISTING SUPPLY (ACRE-FEET PER YEAR)					
			2020	2030	2040	2050	2060	2070
Bellaire	H	Gulf Coast Aquifer System Harris COUNTY	840	893	956	1,031	1,120	1,218
Bellaire	H	Livingston-Wallisville Lake/Reservoir System	3,360	3,574	3,824	4,124	4,478	4,870
Blue Bell Manor Utility	H	Gulf Coast Aquifer System Harris COUNTY	623	440	318	325	332	339
Bunker Hill Village	H	Gulf Coast Aquifer System Harris COUNTY	332	355	380	408	440	475
Bunker Hill Village	H	Livingston-Wallisville Lake/Reservoir System	1,330	1,418	1,518	1,632	1,760	1,900
Central Harris County Regional Water Authority	H	Gulf Coast Aquifer System Harris COUNTY	3,764	2,282	1,187	1,237	1,289	1,347
Central Harris County Regional Water Authority	H	Houston Lake/Reservoir	2,374	2,374	2,374	2,374	2,374	2,374
Chimney Hill MUD	H	DIRECT REUSE	50	50	50	50	50	50
Chimney Hill MUD	H	Gulf Coast Aquifer System Harris COUNTY	398	222	109	108	110	112
Chimney Hill MUD	H	Livingston-Wallisville Lake/Reservoir System	170	333	435	434	439	447
Crosby MUD	H	Gulf Coast Aquifer System Harris COUNTY	71	72	73	74	76	77
Crosby MUD	H	San Jacinto Run-of-River	978	978	978	978	978	978
Deer Park	H	Gulf Coast Aquifer System Harris COUNTY	132	134	136	140	144	149
Deer Park	H	Livingston-Wallisville Lake/Reservoir System	1,417	1,358	1,310	1,259	1,297	1,336
Douglas Utility	H	Gulf Coast Aquifer System Harris COUNTY	234	159	113	113	113	113
El Dorado UD	H	Gulf Coast Aquifer System Harris COUNTY	405	281	201	202	203	203
Forest Hills MUD	H	DIRECT REUSE	23	23	23	23	23	23
Forest Hills MUD	H	Gulf Coast Aquifer System Harris COUNTY	359	258	186	185	185	185
Fort Bend County WCID 2	H	Brazos Run-of-River	140	140	140	140	140	140
Fort Bend County WCID 2	H	Gulf Coast Aquifer System Harris COUNTY	267	188	107	121	134	149
Galena Park	H	Gulf Coast Aquifer System Harris COUNTY	84	81	78	77	79	80
Galena Park	H	Livingston-Wallisville Lake/Reservoir System	912	912	912	912	912	912
Green Trails MUD	H	Gulf Coast Aquifer System Harris COUNTY	630	438	313	314	315	315
Greenwood UD	H	Gulf Coast Aquifer System Harris COUNTY	70	78	77	77	78	79
Greenwood UD	H	Livingston-Wallisville Lake/Reservoir System	281	310	308	309	311	314
Harris County FWSD 58	H	Gulf Coast Aquifer System Harris COUNTY	386	280	202	206	211	216
Harris County MUD 106	H	Gulf Coast Aquifer System Harris COUNTY	1,428	1,002	723	730	736	740
Harris County MUD 11	H	DIRECT REUSE	32	32	32	32	32	32
Harris County MUD 11	H	Gulf Coast Aquifer System Harris COUNTY	332	232	166	168	170	173
Harris County MUD 119	H	DIRECT REUSE	48	48	48	48	48	48
Harris County MUD 119	H	Gulf Coast Aquifer System Harris COUNTY	636	439	313	314	317	320
Harris County MUD 122	H	Brazos Run-of-River	107	107	107	107	107	107
Harris County MUD 122	H	Gulf Coast Aquifer System Harris COUNTY	29	34	39	39	39	39
Harris County MUD 132	H	Gulf Coast Aquifer System Harris COUNTY	1,065	739	526	527	527	528
Harris County MUD 148	H	Gulf Coast Aquifer System Harris COUNTY	68	69	69	69	69	70
Harris County MUD 148	H	Houston Lake/Reservoir	270	278	276	275	277	279
Harris County MUD 151	H	Gulf Coast Aquifer System Harris COUNTY	1,093	762	545	544	545	546
Harris County MUD 152	H	Gulf Coast Aquifer System Harris COUNTY	1,090	766	551	556	560	563
Harris County MUD 153	H	Gulf Coast Aquifer System Harris COUNTY	1,315	913	652	651	651	651
Harris County MUD 154	H	Gulf Coast Aquifer System Harris COUNTY	1,043	723	519	522	527	534
Harris County MUD 158	H	Gulf Coast Aquifer System Harris COUNTY	477	264	129	127	127	127
Harris County MUD 158	H	Livingston-Wallisville Lake/Reservoir System	204	397	516	509	507	507
Harris County MUD 180	H	Gulf Coast Aquifer System Harris COUNTY	541	388	278	278	277	277
Harris County MUD 189	H	Gulf Coast Aquifer System Harris COUNTY	357	252	182	184	187	190
Harris County MUD 216	H	Gulf Coast Aquifer System Harris COUNTY	154	111	78	78	78	78
Harris County MUD 221	H	Gulf Coast Aquifer System Harris COUNTY	450	328	235	238	241	244
Harris County MUD 23	H	Gulf Coast Aquifer System Harris COUNTY	264	156	76	75	74	74

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Region H Water User Group (WUG) Existing Water Supply

WUG NAME	SOURCE REGION	SOURCE DESCRIPTION	EXISTING SUPPLY (ACRE-FEET PER YEAR)					
			2020	2030	2040	2050	2060	2070
Harris County MUD 23	H	Livingston-Wallisville Lake/Reservoir System	113	234	303	299	298	298
Harris County MUD 278	H	DIRECT REUSE	9	9	9	9	9	9
Harris County MUD 278	H	Gulf Coast Aquifer System Harris COUNTY	1,213	1,000	681	681	680	680
Harris County MUD 278	H	Houston Lake/Reservoir	836	836	906	902	901	900
Harris County MUD 290	H	Gulf Coast Aquifer System Harris COUNTY	710	510	371	376	379	382
Harris County MUD 321	H	Gulf Coast Aquifer System Harris COUNTY	216	162	86	92	92	92
Harris County MUD 321	H	Houston Lake/Reservoir	93	242	346	370	369	369
Harris County MUD 342	H	Gulf Coast Aquifer System Harris COUNTY	681	723	632	634	634	634
Harris County MUD 342	H	Houston Lake/Reservoir	0	0	135	128	127	127
Harris County MUD 344	H	Gulf Coast Aquifer System Harris COUNTY	958	355	0	0	0	0
Harris County MUD 344	H	Houston Lake/Reservoir	52	751	1,097	1,093	1,091	1,091
Harris County MUD 345	H	Gulf Coast Aquifer System Harris COUNTY	900	624	445	444	444	444
Harris County MUD 36	H	Gulf Coast Aquifer System Harris COUNTY	374	272	191	191	191	191
Harris County MUD 361	H	Gulf Coast Aquifer System Harris COUNTY	435	460	453	449	448	448
Harris County MUD 372	H	Gulf Coast Aquifer System Harris COUNTY	880	498	247	246	246	246
Harris County MUD 372	H	Livingston-Wallisville Lake/Reservoir System	595	747	989	986	985	985
Harris County MUD 400	H	Gulf Coast Aquifer System Harris COUNTY	1,246	906	655	667	674	677
Harris County MUD 412	H	Gulf Coast Aquifer System Harris COUNTY	538	389	281	287	293	300
Harris County MUD 412	H	Houston Lake/Reservoir	637	637	637	637	637	637
Harris County MUD 420	H	Gulf Coast Aquifer System Harris COUNTY	28	29	30	29	29	29
Harris County MUD 420	H	Livingston-Wallisville Lake/Reservoir System	110	114	119	118	117	117
Harris County MUD 46	H	Gulf Coast Aquifer System Harris COUNTY	618	427	304	303	303	303
Harris County MUD 49	H	Gulf Coast Aquifer System Harris COUNTY	677	479	343	345	347	349
Harris County MUD 49	H	Houston Lake/Reservoir	361	361	361	367	374	382
Harris County MUD 5	H	Gulf Coast Aquifer System Harris COUNTY	355	203	104	109	115	123
Harris County MUD 5	H	Houston Lake/Reservoir	152	305	417	435	462	491
Harris County MUD 50	H	Gulf Coast Aquifer System Harris COUNTY	79	76	77	78	78	78
Harris County MUD 50	H	San Jacinto Run-of-River	560	560	560	560	560	560
Harris County MUD 58	H	Gulf Coast Aquifer System Harris COUNTY	249	179	129	129	129	129
Harris County MUD 6	H	Gulf Coast Aquifer System Harris COUNTY	344	206	101	100	100	100
Harris County MUD 6	H	Livingston-Wallisville Lake/Reservoir System	208	208	208	208	208	208
Harris County MUD 8	H	Gulf Coast Aquifer System Harris COUNTY	97	93	89	89	88	88
Harris County MUD 8	H	Livingston-Wallisville Lake/Reservoir System	581	581	581	581	581	581
Harris County MUD 96	H	Gulf Coast Aquifer System Harris COUNTY	407	237	125	133	141	148
Harris County MUD 96	H	Houston Lake/Reservoir	175	355	500	533	566	590
Harris County UD 14	H	Gulf Coast Aquifer System Harris COUNTY	217	162	118	128	139	155
Harris County UD 15	H	Gulf Coast Aquifer System Harris COUNTY	521	375	275	269	263	256
Harris County WCID 1	H	Gulf Coast Aquifer System Harris COUNTY	71	69	69	71	72	75
Harris County WCID 1	H	Livingston-Wallisville Lake/Reservoir System	755	756	755	754	753	752
Harris County WCID 133	H	Gulf Coast Aquifer System Harris COUNTY	674	464	335	343	353	365
Harris County WCID 70	H	Gulf Coast Aquifer System Harris COUNTY	238	171	121	120	120	120
Harris County WCID 74	H	Gulf Coast Aquifer System Harris COUNTY	609	415	295	293	292	292
Harris County WCID 96	H	DIRECT REUSE	83	83	83	83	83	83
Harris County WCID 96	H	Gulf Coast Aquifer System Harris COUNTY	1,159	658	329	329	329	328
Harris County WCID 96	H	Houston Lake/Reservoir	2,464	2,464	2,464	2,464	2,464	2,464
Harris County WCID-Fondren Road	H	Gulf Coast Aquifer System Harris COUNTY	70	83	96	95	94	94
Harris County WCID-Fondren Road	H	Livingston-Wallisville Lake/Reservoir System	293	332	383	378	378	377

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Region H Water User Group (WUG) Existing Water Supply

WUG NAME	SOURCE REGION	SOURCE DESCRIPTION	EXISTING SUPPLY (ACRE-FEET PER YEAR)					
			2020	2030	2040	2050	2060	2070
Hilshire Village	H	Gulf Coast Aquifer System Harris COUNTY	137	81	43	48	53	58
Hilshire Village	H	Livingston-Wallisville Lake/Reservoir System	59	122	173	190	210	232
HMW SUD	H	Gulf Coast Aquifer System Harris COUNTY	405	311	232	251	250	250
Houston	H	Gulf Coast Aquifer System Harris COUNTY	131,991	80,885	44,244	46,710	49,499	52,510
Houston	H	Houston Lake/Reservoir	31,507	31,507	31,507	31,507	31,507	31,507
Houston	H	Livingston-Wallisville Lake/Reservoir System	252,300	259,884	261,548	261,642	261,744	261,865
Houston	H	San Jacinto INDIRECT REUSE	4,839	4,862	4,937	5,027	5,147	5,147
Houston	H	San Jacinto Run-of-River	5,412	5,425	5,452	5,450	5,448	5,450
Humble	H	Gulf Coast Aquifer System Harris COUNTY	1,901	1,276	706	759	801	833
Humble	H	Houston Lake/Reservoir	814	1,914	2,824	3,034	3,203	3,333
Jacinto City	H	Gulf Coast Aquifer System Harris COUNTY	154	148	150	154	159	163
Jacinto City	H	Livingston-Wallisville Lake/Reservoir System	1,121	1,121	1,121	1,121	1,121	1,121
Jersey Village	H	Gulf Coast Aquifer System Harris COUNTY	1,259	714	359	364	371	379
Jersey Village	H	Livingston-Wallisville Lake/Reservoir System	829	1,071	1,436	1,454	1,483	1,518
Katy	H	Gulf Coast Aquifer System Harris COUNTY	3,214	2,293	1,649	1,669	1,688	1,706
Kings Manor MUD	H	Gulf Coast Aquifer System Montgomery COUNTY	153	149	155	160	161	162
La Porte	H	DIRECT REUSE	51	51	51	51	51	51
La Porte	H	Gulf Coast Aquifer System Harris COUNTY	31	31	31	31	31	31
La Porte	H	Livingston-Wallisville Lake/Reservoir System	283	279	278	279	282	286
Lake MUD	H	Gulf Coast Aquifer System Harris COUNTY	5	5	5	5	4	4
Lake MUD	H	Livingston-Wallisville Lake/Reservoir System	20	20	20	20	20	20
Longhorn Town UD	H	Gulf Coast Aquifer System Harris COUNTY	354	246	176	176	176	176
Luce Bayou PUD	H	Gulf Coast Aquifer System Harris COUNTY	141	102	73	73	73	73
Mason Creek UD	H	Gulf Coast Aquifer System Harris COUNTY	1,447	996	710	710	709	709
Memorial Villages Water Authority	H	Gulf Coast Aquifer System Harris COUNTY	1,120	1,208	1,306	1,414	1,533	1,664
Memorial Villages Water Authority	H	Livingston-Wallisville Lake/Reservoir System	2,283	2,283	2,283	2,283	2,283	2,283
Morgans Point	H	Gulf Coast Aquifer System Harris COUNTY	2	2	3	3	3	3
Morgans Point	H	Livingston-Wallisville Lake/Reservoir System	100	100	100	100	100	100
Mount Houston Road MUD	H	Gulf Coast Aquifer System Harris COUNTY	626	491	359	373	384	392
Newport MUD	H	Gulf Coast Aquifer System Harris COUNTY	713	412	209	212	216	221
Newport MUD	H	San Jacinto Run-of-River	896	896	896	896	896	896
North Belt UD	H	Gulf Coast Aquifer System Harris COUNTY	515	356	256	258	260	264
North Channel Water Authority	H	Gulf Coast Aquifer System Harris COUNTY	2,043	2,041	2,047	2,072	2,117	2,158
North Channel Water Authority	H	Livingston-Wallisville Lake/Reservoir System	8,891	8,891	8,891	8,891	8,891	8,891
North Forest MUD	H	Gulf Coast Aquifer System Harris COUNTY	199	139	99	99	99	99
North Fort Bend Water Authority	H	Gulf Coast Aquifer System Fort Bend COUNTY	571	1,138	1,519	1,525	1,531	1,538
North Fort Bend Water Authority	H	Gulf Coast Aquifer System Harris COUNTY	1,331	758	380	381	383	384
North Green MUD	H	DIRECT REUSE	8	8	8	8	8	8
North Green MUD	H	Gulf Coast Aquifer System Harris COUNTY	495	342	244	244	245	247
North Harris County Regional Water Authority	H	DIRECT REUSE	772	772	772	772	772	772
North Harris County Regional Water Authority	H	Gulf Coast Aquifer System Harris COUNTY	83,592	49,185	24,456	25,408	26,346	27,234
North Harris County Regional Water Authority	H	Houston Lake/Reservoir	34,720	34,720	34,720	34,720	34,720	34,720
Northwest Harris County MUD 16	H	Gulf Coast Aquifer System Harris COUNTY	494	356	250	250	249	249

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Region H Water User Group (WUG) Existing Water Supply

WUG NAME	SOURCE REGION	SOURCE DESCRIPTION	EXISTING SUPPLY (ACRE-FEET PER YEAR)					
			2020	2030	2040	2050	2060	2070
Parkway MUD	H	Gulf Coast Aquifer System Harris COUNTY	104	106	104	103	103	104
Parkway MUD	H	Livingston-Wallisville Lake/Reservoir System	416	422	415	413	414	417
Pasadena	H	Gulf Coast Aquifer System Harris COUNTY	3,374	3,378	3,387	3,440	3,522	3,615
Pasadena	H	Livingston-Wallisville Lake/Reservoir System	37,783	37,769	37,734	37,673	37,564	37,438
Pine Village PUD	H	Gulf Coast Aquifer System Harris COUNTY	231	165	119	121	124	127
Pine Village PUD	H	Houston Lake/Reservoir	0	76	131	141	150	161
Pinewood Community	H	Gulf Coast Aquifer System Harris COUNTY	113	81	57	57	57	57
Quadvest	H	Gulf Coast Aquifer System Harris COUNTY	171	140	107	122	139	158
Rolling Fork PUD	H	Gulf Coast Aquifer System Harris COUNTY	321	180	89	88	88	88
Rolling Fork PUD	H	Livingston-Wallisville Lake/Reservoir System	189	189	189	189	189	189
Sequoia Improvement District	H	Gulf Coast Aquifer System Harris COUNTY	163	118	85	85	85	85
South Houston	H	DIRECT REUSE	54	54	54	54	54	54
South Houston	H	Gulf Coast Aquifer System Harris COUNTY	384	382	382	388	400	413
South Houston	H	Livingston-Wallisville Lake/Reservoir System	4,139	4,139	4,139	4,139	4,139	4,139
Southern Water	H	Gulf Coast Aquifer System Harris COUNTY	460	330	232	231	231	231
Southside Place	H	Gulf Coast Aquifer System Harris COUNTY	68	66	65	64	66	71
Southside Place	H	Livingston-Wallisville Lake/Reservoir System	273	264	258	255	262	282
Southwest Harris County MUD 1	H	Gulf Coast Aquifer System Harris COUNTY	28	33	32	32	32	32
Southwest Harris County MUD 1	H	Livingston-Wallisville Lake/Reservoir System	147	147	147	147	147	147
Spring Valley	H	Gulf Coast Aquifer System Harris COUNTY	1,047	761	552	568	587	608
Spring Valley	H	Livingston-Wallisville Lake/Reservoir System	488	488	638	704	780	863
Suburban Utility	H	Gulf Coast Aquifer System Harris COUNTY	340	234	167	166	166	166
Sunbelt FWSD	H	Gulf Coast Aquifer System Harris COUNTY	2,837	1,985	1,421	1,441	1,472	1,509
Sunbelt FWSD	H	Livingston-Wallisville Lake/Reservoir System	861	861	1,429	1,509	1,634	1,779
The Commons Water Supply	H	Gulf Coast Aquifer System Harris COUNTY	403	288	207	209	211	212
The Woodlands	H	Gulf Coast Aquifer System Harris COUNTY	3,872	2,822	2,066	2,122	2,165	2,197
Tomball	H	Gulf Coast Aquifer System Harris COUNTY	3,210	2,301	1,658	1,682	1,706	1,728
Trail of the Lakes MUD	H	DIRECT REUSE	9	9	9	9	9	9
Trail of the Lakes MUD	H	Gulf Coast Aquifer System Harris COUNTY	1,043	739	526	526	527	529
Waller	H	Gulf Coast Aquifer System Harris COUNTY	59	34	17	18	19	20
Waller	H	Gulf Coast Aquifer System Waller COUNTY	25	50	69	72	76	82
West Harris County MUD 6	H	Gulf Coast Aquifer System Harris COUNTY	366	264	189	191	192	194
West Harris County Regional Water Authority	H	DIRECT REUSE	734	734	734	734	734	734
West Harris County Regional Water Authority	H	Gulf Coast Aquifer System Harris COUNTY	45,291	24,513	10,780	11,677	11,986	12,271
West Harris County Regional Water Authority	H	Livingston-Wallisville Lake/Reservoir System	31,976	31,976	31,976	31,976	31,976	31,976
West University Place	H	DIRECT REUSE	9	9	9	9	9	9
West University Place	H	Gulf Coast Aquifer System Harris COUNTY	585	614	650	693	745	803
West University Place	H	Livingston-Wallisville Lake/Reservoir System	2,341	2,458	2,598	2,772	2,982	3,213
Woodcreek MUD	H	Gulf Coast Aquifer System Harris COUNTY	392	271	194	193	194	194
County-Other	H	Gulf Coast Aquifer System Harris COUNTY	11,067	8,742	5,859	5,938	6,617	7,258
County-Other	H	Houston Lake/Reservoir	723	723	723	723	723	723
County-Other	H	Livingston-Wallisville Lake/Reservoir System	2,559	2,559	2,559	2,559	2,559	2,559
Manufacturing	H	DIRECT REUSE	6,844	6,844	6,844	6,844	6,844	6,844
Manufacturing	H	Gulf Coast Aquifer System Harris COUNTY	16,432	19,175	19,175	19,175	19,175	19,175
Manufacturing	H	Houston Lake/Reservoir	54,650	54,650	54,650	54,650	54,650	54,650

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Region H Water User Group (WUG) Existing Water Supply

WUG NAME	SOURCE REGION	SOURCE DESCRIPTION	EXISTING SUPPLY (ACRE-FEET PER YEAR)					
			2020	2030	2040	2050	2060	2070
Manufacturing	H	Livingston-Wallisville Lake/Reservoir System	161,720	161,720	161,720	161,720	161,720	161,720
Manufacturing	H	San Jacinto Run-of-River	341	341	341	341	341	341
Manufacturing	H	Trinity Run-of-River	26,510	26,510	26,510	26,510	26,510	26,510
Mining	H	Gulf Coast Aquifer System Harris COUNTY	291	289	284	281	279	277
Steam Electric Power	H	Gulf Coast Aquifer System Harris COUNTY	2,881	2,881	2,881	2,881	2,881	2,881
Steam Electric Power	H	Houston Lake/Reservoir	4,849	4,849	4,849	4,849	4,849	4,849
Steam Electric Power	H	Livingston-Wallisville Lake/Reservoir System	17,663	17,663	17,663	17,663	17,663	17,663
Livestock	H	Gulf Coast Aquifer System Harris COUNTY	894	511	255	255	255	255
Irrigation	H	Gulf Coast Aquifer System Harris COUNTY	8,508	8,508	8,508	8,508	8,508	8,508
Irrigation	H	San Jacinto Run-of-River	2,749	2,749	2,749	2,749	2,749	2,749
Irrigation	H	San Jacinto-Brazos Run-of-River	388	388	388	388	388	388
San Jacinto BASIN TOTAL			1,095,146	982,230	897,008	903,253	910,156	917,202
Baybrook MUD 1	H	Gulf Coast Aquifer System Harris COUNTY	25	26	29	31	33	35
Baybrook MUD 1	H	Livingston-Wallisville Lake/Reservoir System	2,016	2,016	2,016	2,016	2,016	2,016
Clear Brook City MUD	H	Gulf Coast Aquifer System Harris COUNTY	349	346	379	402	423	444
Clear Brook City MUD	H	Livingston-Wallisville Lake/Reservoir System	2,800	2,800	2,800	2,800	2,800	2,800
Clear Lake City Water Authority	H	DIRECT REUSE	436	436	436	436	436	436
Clear Lake City Water Authority	H	Gulf Coast Aquifer System Harris COUNTY	1,309	1,328	1,409	1,481	1,555	1,633
Clear Lake City Water Authority	H	Livingston-Wallisville Lake/Reservoir System	18,127	18,105	18,088	18,067	18,048	18,030
Deer Park	H	Gulf Coast Aquifer System Harris COUNTY	281	287	291	299	308	317
Deer Park	H	Livingston-Wallisville Lake/Reservoir System	2,540	2,599	2,647	2,698	2,770	2,853
Friendswood	H	Gulf Coast Aquifer System Harris COUNTY	404	481	529	587	640	700
Friendswood	H	Livingston-Wallisville Lake/Reservoir System	1,636	1,959	2,178	2,402	2,620	2,868
Harris County MUD 55	H	Gulf Coast Aquifer System Harris COUNTY	286	293	297	311	333	365
Harris County MUD 55	H	Livingston-Wallisville Lake/Reservoir System	3,878	3,878	3,878	3,878	3,878	3,878
Harris County WCID 156	H	Gulf Coast Aquifer System Harris COUNTY	30	32	34	36	38	40
Harris County WCID 156	H	Livingston-Wallisville Lake/Reservoir System	302	324	341	362	381	399
Harris County WCID 50	H	Gulf Coast Aquifer System Harris COUNTY	37	37	37	37	37	37
Harris County WCID 50	H	Livingston-Wallisville Lake/Reservoir System	336	333	329	331	332	333
Harris County WCID 89	H	DIRECT REUSE	9	9	9	9	9	9
Harris County WCID 89	H	Gulf Coast Aquifer System Harris COUNTY	103	101	99	100	100	101
Harris County WCID 89	H	Livingston-Wallisville Lake/Reservoir System	2,879	2,879	2,879	2,879	2,879	2,879
Houston	H	Gulf Coast Aquifer System Harris COUNTY	2,866	2,859	2,860	2,869	2,893	2,925
Houston	H	Livingston-Wallisville Lake/Reservoir System	13,480	4,313	3,174	3,179	3,192	3,206
Kirkmont MUD	H	Gulf Coast Aquifer System Harris COUNTY	73	78	83	89	96	104
Kirkmont MUD	H	Livingston-Wallisville Lake/Reservoir System	291	313	330	357	385	415
La Porte	H	DIRECT REUSE	722	722	722	722	722	722
La Porte	H	Gulf Coast Aquifer System Harris COUNTY	441	436	431	435	439	445
La Porte	H	Livingston-Wallisville Lake/Reservoir System	6,573	6,577	6,578	6,577	6,574	6,570
League City	H	DIRECT REUSE	17	17	17	17	17	17
League City	H	Gulf Coast Aquifer System Harris COUNTY	38	43	45	47	49	50
League City	H	Livingston-Wallisville Lake/Reservoir System	483	490	483	481	481	480
Morgans Point	H	Gulf Coast Aquifer System Harris COUNTY	14	15	15	16	17	18
Morgans Point	H	Livingston-Wallisville Lake/Reservoir System	516	516	516	516	516	516
Nassau Bay	H	Gulf Coast Aquifer System Harris COUNTY	104	104	104	106	107	108
Nassau Bay	H	Livingston-Wallisville Lake/Reservoir System	2,184	2,184	2,184	2,184	2,184	2,184
Pasadena	H	Gulf Coast Aquifer System Harris COUNTY	497	497	499	506	518	532
Pasadena	H	Livingston-Wallisville Lake/Reservoir System	4,495	4,509	4,544	4,605	4,714	4,840

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Region H Water User Group (WUG) Existing Water Supply

WUG NAME	SOURCE REGION	SOURCE DESCRIPTION	EXISTING SUPPLY (ACRE-FEET PER YEAR)					
			2020	2030	2040	2050	2060	2070
Pearland	H	Gulf Coast Aquifer System Harris COUNTY	434	538	644	729	788	832
Pearland	H	Livingston-Wallisville Lake/Reservoir System	2,262	2,653	3,014	3,206	3,271	3,328
Sagemeadow UD	H	Gulf Coast Aquifer System Harris COUNTY	143	148	155	166	177	189
Sagemeadow UD	H	Livingston-Wallisville Lake/Reservoir System	898	876	859	832	804	774
Seabrook	H	Gulf Coast Aquifer System Harris COUNTY	179	180	179	182	185	189
Seabrook	H	Livingston-Wallisville Lake/Reservoir System	1,680	1,680	1,680	1,680	1,680	1,680
Shoreacres	H	Gulf Coast Aquifer System Harris COUNTY	33	32	32	33	33	34
Shoreacres	H	Livingston-Wallisville Lake/Reservoir System	364	364	364	364	364	364
Webster	H	Gulf Coast Aquifer System Harris COUNTY	378	406	426	446	460	471
Webster	H	Livingston-Wallisville Lake/Reservoir System	4,446	4,446	4,446	4,446	4,446	4,446
County-Other	H	Gulf Coast Aquifer System Harris COUNTY	38	61	57	6	35	63
Manufacturing	H	DIRECT REUSE	303	303	303	303	303	303
Manufacturing	H	Gulf Coast Aquifer System Harris COUNTY	6,906	8,074	8,074	8,074	8,074	8,074
Manufacturing	H	Livingston-Wallisville Lake/Reservoir System	89,086	89,086	89,086	89,086	89,086	89,086
Mining	H	Gulf Coast Aquifer System Harris COUNTY	20	20	19	19	19	19
Steam Electric Power	H	Gulf Coast Aquifer System Harris COUNTY	19	19	19	19	19	19
San Jacinto-Brazos BASIN TOTAL			177,766	170,828	170,647	171,459	172,284	173,176
Baytown	H	Gulf Coast Aquifer System Harris COUNTY	906	890	881	883	896	911
Baytown	H	Livingston-Wallisville Lake/Reservoir System	11,094	10,996	10,907	10,802	10,668	10,525
Country Terrace Water	H	Gulf Coast Aquifer System Harris COUNTY	31	32	34	35	37	39
Country Terrace Water	H	Livingston-Wallisville Lake/Reservoir System	140	140	140	140	140	140
Harris County FWSD 1-A	H	Gulf Coast Aquifer System Harris COUNTY	29	30	31	33	34	36
Harris County FWSD 1-A	H	Livingston-Wallisville Lake/Reservoir System	185	185	185	185	185	185
Harris County FWSD 27	H	Gulf Coast Aquifer System Harris COUNTY	24	25	26	27	29	30
Harris County FWSD 27	H	Livingston-Wallisville Lake/Reservoir System	267	267	267	267	267	267
Harris County WCID 1	H	Gulf Coast Aquifer System Harris COUNTY	3	3	3	3	4	4
Harris County WCID 1	H	Livingston-Wallisville Lake/Reservoir System	29	28	29	30	31	32
Houston	H	Gulf Coast Aquifer System Harris COUNTY	34	20	11	11	12	13
Houston	H	Livingston-Wallisville Lake/Reservoir System	31	31	31	31	31	31
Lake MUD	H	Gulf Coast Aquifer System Harris COUNTY	61	64	62	61	61	61
Lake MUD	H	Livingston-Wallisville Lake/Reservoir System	1,100	1,100	1,100	1,100	1,100	1,100
Spring Meadows MUD	H	Gulf Coast Aquifer System Harris COUNTY	62	64	62	61	61	61
Spring Meadows MUD	H	Livingston-Wallisville Lake/Reservoir System	246	255	249	245	244	244
County-Other	H	Gulf Coast Aquifer System Harris COUNTY	596	565	544	618	685	753
County-Other	H	Livingston-Wallisville Lake/Reservoir System	826	826	826	826	826	826
Manufacturing	H	Gulf Coast Aquifer System Harris COUNTY	8,047	9,408	9,408	9,408	9,408	9,408
Manufacturing	H	Houston Lake/Reservoir	4,400	2,800	1,300	0	0	0
Manufacturing	H	Livingston-Wallisville Lake/Reservoir System	1,456	1,456	1,456	1,456	1,456	1,456
Manufacturing	H	San Jacinto INDIRECT REUSE	8,786	9,142	9,580	10,111	10,935	11,939
Manufacturing	H	San Jacinto Run-of-River	1,217	1,217	1,217	1,217	1,217	1,217
Manufacturing	H	Trinity Run-of-River	49,156	49,156	49,156	49,156	49,156	49,156
Mining	H	Gulf Coast Aquifer System Harris COUNTY	16	16	16	16	16	16
Livestock	H	Gulf Coast Aquifer System Harris COUNTY	25	25	25	25	25	25
Irrigation	H	Gulf Coast Aquifer System Harris COUNTY	932	932	932	932	932	932
Irrigation	H	Trinity-San Jacinto Run-of-River	2,420	2,420	2,420	2,420	2,420	2,420
Trinity-San Jacinto BASIN TOTAL			92,119	92,093	90,898	90,099	90,876	91,827
Harris COUNTY TOTAL			1,365,031	1,245,151	1,158,553	1,164,811	1,173,316	1,182,205
Concord-Robbins WSC	H	Carrizo-Wilcox Aquifer Leon COUNTY	174	172	170	176	183	188

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Region H Water User Group (WUG) Existing Water Supply

WUG NAME	SOURCE REGION	SOURCE DESCRIPTION	EXISTING SUPPLY (ACRE-FEET PER YEAR)					
			2020	2030	2040	2050	2060	2070
Concord-Robbins WSC	H	Queen City Aquifer Leon COUNTY	94	92	92	95	98	102
Hilltop Lakes WSC	H	Carrizo-Wilcox Aquifer Leon COUNTY	192	201	209	222	234	247
Hilltop Lakes WSC	H	Queen City Aquifer Leon COUNTY	57	60	62	66	70	73
Jewett	H	Carrizo-Wilcox Aquifer Leon COUNTY	73	85	94	108	121	133
Normangee	H	Carrizo-Wilcox Aquifer Leon COUNTY	27	28	29	30	32	34
Southeast WSC	H	Carrizo-Wilcox Aquifer Leon COUNTY	4	4	4	4	4	5
County-Other	H	Carrizo-Wilcox Aquifer Leon COUNTY	31	30	28	28	27	27
County-Other	H	Queen City Aquifer Leon COUNTY	25	23	23	22	22	22
Mining	H	Carrizo-Wilcox Aquifer Leon COUNTY	721	721	623	459	296	190
Livestock	H	Carrizo-Wilcox Aquifer Leon COUNTY	714	714	714	714	714	714
Irrigation	H	Carrizo-Wilcox Aquifer Leon COUNTY	129	129	129	129	129	129
Brazos BASIN TOTAL			2,241	2,259	2,177	2,053	1,930	1,864
Buffalo	H	Carrizo-Wilcox Aquifer Leon COUNTY	386	387	387	393	401	410
Centerville	H	Carrizo-Wilcox Aquifer Leon COUNTY	203	212	219	232	246	258
Concord-Robbins WSC	H	Carrizo-Wilcox Aquifer Leon COUNTY	74	73	72	75	77	81
Flo Community WSC*	H	Carrizo-Wilcox Aquifer Leon COUNTY	334	384	436	490	550	611
Jewett	H	Carrizo-Wilcox Aquifer Leon COUNTY	201	234	261	299	333	368
Normangee	H	Carrizo-Wilcox Aquifer Leon COUNTY	80	84	86	92	97	101
Southeast WSC	H	Carrizo-Wilcox Aquifer Leon COUNTY	263	273	281	298	314	330
County-Other	H	Carrizo-Wilcox Aquifer Leon COUNTY	172	155	134	127	116	102
County-Other	H	Queen City Aquifer Leon COUNTY	20	18	16	15	13	12
County-Other	H	Sparta Aquifer Leon COUNTY	8	7	6	6	5	4
Manufacturing	H	Carrizo-Wilcox Aquifer Leon COUNTY	846	868	868	868	868	868
Manufacturing	H	DIRECT REUSE	58	58	58	58	58	58
Mining	H	Carrizo-Wilcox Aquifer Leon COUNTY	1,681	1,681	1,454	1,071	689	444
Livestock	H	Carrizo-Wilcox Aquifer Leon COUNTY	1,861	1,861	1,861	1,861	1,861	1,861
Livestock	H	Queen City Aquifer Leon COUNTY	318	318	318	318	318	318
Livestock	H	Sparta Aquifer Leon COUNTY	11	11	11	11	11	11
Irrigation	H	Carrizo-Wilcox Aquifer Leon COUNTY	205	205	205	205	205	205
Irrigation	H	Trinity Run-of-River	158	158	158	158	158	158
Trinity BASIN TOTAL			6,879	6,987	6,831	6,577	6,320	6,200
Leon COUNTY TOTAL			9,120	9,246	9,008	8,630	8,250	8,064
Daisetta	H	Gulf Coast Aquifer System Liberty COUNTY	46	50	53	57	62	67
Devers	H	Gulf Coast Aquifer System Liberty COUNTY	4	4	5	5	5	6
Hardin WSC	H	Gulf Coast Aquifer System Liberty COUNTY	26	32	37	42	48	53
Liberty County FWSD 1 Hull	H	Gulf Coast Aquifer System Liberty COUNTY	102	113	122	134	144	155
West Hardin WSC*	I	Gulf Coast Aquifer System Hardin COUNTY	22	24	26	28	31	32
County-Other	H	Gulf Coast Aquifer System Liberty COUNTY	30	31	32	34	36	37
Manufacturing	H	Gulf Coast Aquifer System Liberty COUNTY	180	212	212	212	212	212
Mining	H	Gulf Coast Aquifer System Liberty COUNTY	52	52	52	52	52	52
Livestock	H	Gulf Coast Aquifer System Liberty COUNTY	62	62	62	62	62	62
Irrigation	H	Gulf Coast Aquifer System Liberty COUNTY	146	146	146	146	146	146
Neches BASIN TOTAL			670	726	747	772	798	822
County-Other	H	Gulf Coast Aquifer System Liberty COUNTY	13	14	15	15	16	17
Mining	H	Gulf Coast Aquifer System Liberty COUNTY	22	22	22	22	22	22
Livestock	H	Gulf Coast Aquifer System Liberty COUNTY	21	21	21	21	21	21
Irrigation	H	Gulf Coast Aquifer System Liberty COUNTY	37	37	37	37	37	37
Irrigation	H	Livingston-Wallisville Lake/Reservoir System	3,746	3,746	3,746	3,746	3,746	3,746

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Region H Water User Group (WUG) Existing Water Supply

WUG NAME	SOURCE REGION	SOURCE DESCRIPTION	EXISTING SUPPLY (ACRE-FEET PER YEAR)					
			2020	2030	2040	2050	2060	2070
Irrigation	I	Sam Rayburn-Steinhagen Lake/Reservoir System	23,000	23,000	23,000	23,000	23,000	23,000
Irrigation	H	Trinity Run-of-River	402	402	402	402	402	402
Neches-Trinity BASIN TOTAL			27,241	27,242	27,243	27,243	27,244	27,245
Cleveland	H	Gulf Coast Aquifer System Liberty COUNTY	1,539	1,527	1,520	1,525	1,543	1,563
Mercy WSC	H	Gulf Coast Aquifer System Liberty COUNTY	21	22	23	25	26	27
South Cleveland WSC	H	Gulf Coast Aquifer System Liberty COUNTY	215	232	250	271	293	315
T & W Water Service	H	Gulf Coast Aquifer System Liberty COUNTY	194	242	295	359	437	531
Tarkington SUD	H	Gulf Coast Aquifer System Liberty COUNTY	327	370	414	461	508	554
County-Other	H	Gulf Coast Aquifer System Liberty COUNTY	1,296	1,356	1,411	1,480	1,561	1,637
Manufacturing	H	Gulf Coast Aquifer System Liberty COUNTY	12	14	14	14	14	14
Mining	H	Gulf Coast Aquifer System Liberty COUNTY	79	79	79	79	79	79
Livestock	H	Gulf Coast Aquifer System Liberty COUNTY	84	84	84	84	84	84
Irrigation	H	Gulf Coast Aquifer System Liberty COUNTY	73	73	73	73	73	73
San Jacinto BASIN TOTAL			3,840	3,999	4,163	4,371	4,618	4,877
Daisetta	H	Gulf Coast Aquifer System Liberty COUNTY	82	88	95	103	111	119
Dayton	H	Gulf Coast Aquifer System Liberty COUNTY	2,386	3,042	3,673	4,316	4,942	5,541
Devers	H	Gulf Coast Aquifer System Liberty COUNTY	168	186	204	223	242	259
Hardin WSC	H	Gulf Coast Aquifer System Liberty COUNTY	471	566	662	762	861	957
Lake Livingston WSC*	H	Gulf Coast Aquifer System Liberty COUNTY	90	100	111	123	136	148
Lake Livingston WSC*	H	Livingston-Wallisville Lake/Reservoir System	80	80	80	81	81	81
Liberty	H	Gulf Coast Aquifer System Liberty COUNTY	1,571	1,649	1,728	1,822	1,926	2,028
Liberty County FWSD 1 Hull	H	Gulf Coast Aquifer System Liberty COUNTY	4	4	5	5	6	6
T & W Water Service	H	Gulf Coast Aquifer System Liberty COUNTY	163	203	248	301	367	446
Tarkington SUD	H	Gulf Coast Aquifer System Liberty COUNTY	97	111	124	138	152	166
Woodcreek Water Of Liberty	H	Gulf Coast Aquifer System Liberty COUNTY	283	283	283	283	283	283
County-Other	H	Gulf Coast Aquifer System Liberty COUNTY	2,946	3,081	3,206	3,365	3,548	3,720
Manufacturing	H	Gulf Coast Aquifer System Liberty COUNTY	53	63	63	63	63	63
Mining	H	Gulf Coast Aquifer System Liberty COUNTY	258	258	258	258	258	258
Livestock	H	Gulf Coast Aquifer System Liberty COUNTY	267	267	267	267	267	267
Irrigation	H	Gulf Coast Aquifer System Liberty COUNTY	353	353	353	353	353	353
Irrigation	H	Livingston-Wallisville Lake/Reservoir System	3,886	3,886	3,886	3,886	3,886	3,886
Irrigation	H	Trinity Run-of-River	16,470	16,470	16,470	16,470	16,470	16,470
Trinity BASIN TOTAL			29,628	30,690	31,716	32,819	33,952	35,051
Dayton	H	Gulf Coast Aquifer System Liberty COUNTY	7	9	11	13	15	17
County-Other	H	Gulf Coast Aquifer System Liberty COUNTY	376	393	409	430	453	475
Mining	H	Gulf Coast Aquifer System Liberty COUNTY	26	26	26	26	26	26
Livestock	H	Gulf Coast Aquifer System Liberty COUNTY	20	20	20	20	20	20
Irrigation	H	Gulf Coast Aquifer System Liberty COUNTY	432	432	432	432	432	432
Irrigation	H	Trinity-San Jacinto Run-of-River	1,904	1,904	1,904	1,904	1,904	1,904
Trinity-San Jacinto BASIN TOTAL			2,765	2,784	2,802	2,825	2,850	2,874
Liberty COUNTY TOTAL			64,144	65,441	66,671	68,030	69,462	70,869
Madison County WSC	H	Queen City Aquifer Madison COUNTY	7	7	7	8	8	8
North Zulch MUD	H	Sparta Aquifer Madison COUNTY	16	16	17	18	19	20
County-Other	H	Sparta Aquifer Madison COUNTY	177	185	193	203	214	226
Mining	H	Carrizo-Wilcox Aquifer Madison COUNTY	119	119	119	107	64	39
Livestock	H	Carrizo-Wilcox Aquifer Madison COUNTY	209	209	209	209	209	209
Irrigation	H	Carrizo-Wilcox Aquifer Madison COUNTY	18	18	18	18	18	18
Irrigation	H	Sparta Aquifer Madison COUNTY	2	2	2	2	2	2

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Region H Water User Group (WUG) Existing Water Supply

WUG NAME	SOURCE	SOURCE DESCRIPTION	EXISTING SUPPLY (ACRE-FEET PER YEAR)					
	REGION		2020	2030	2040	2050	2060	2070
Brazos BASIN TOTAL			548	556	565	565	534	522
Madison County WSC	H	Sparta Aquifer Madison COUNTY	157	164	171	180	190	200
Madisonville	H	Sparta Aquifer Madison COUNTY	900	941	980	1,033	1,089	1,146
Normangee	H	Carrizo-Wilcox Aquifer Madison COUNTY	13	14	14	15	16	17
North Zulch MUD	H	Sparta Aquifer Madison COUNTY	181	189	196	206	218	229
County-Other	H	Carrizo-Wilcox Aquifer Madison COUNTY	73	76	80	84	89	93
County-Other	H	Queen City Aquifer Madison COUNTY	32	33	35	37	39	41
County-Other	H	Sparta Aquifer Madison COUNTY	953	997	1,038	1,097	1,155	1,216
County-Other	H	Yegua-Jackson Aquifer Madison COUNTY	75	79	82	86	91	96
Mining	H	Carrizo-Wilcox Aquifer Madison COUNTY	478	478	478	431	259	155
Livestock	H	Carrizo-Wilcox Aquifer Madison COUNTY	602	602	602	602	602	602
Livestock	H	Sparta Aquifer Madison COUNTY	341	341	341	341	341	341
Livestock	H	Yegua-Jackson Aquifer Madison COUNTY	254	254	254	254	254	254
Irrigation	H	Carrizo-Wilcox Aquifer Madison COUNTY	6	6	6	6	6	6
Irrigation	H	Sparta Aquifer Madison COUNTY	96	96	96	96	96	96
Irrigation	H	Trinity Run-of-River	169	169	169	169	169	169
Trinity BASIN TOTAL			4,330	4,439	4,542	4,637	4,614	4,661
Madison COUNTY TOTAL			4,878	4,995	5,107	5,202	5,148	5,183
Chateau Woods MUD	H	Gulf Coast Aquifer System Montgomery COUNTY	268	337	330	327	326	326
Cleveland	H	Gulf Coast Aquifer System Montgomery COUNTY	31	31	31	31	31	31
Conroe	H	Conroe Lake/Reservoir	7,933	7,933	7,933	7,933	7,933	7,933
Conroe	H	Gulf Coast Aquifer System Montgomery COUNTY	6,472	6,472	6,472	6,472	6,472	6,472
Corinthian Point MUD 2	H	DIRECT REUSE	6	6	6	6	6	6
Corinthian Point MUD 2	H	Gulf Coast Aquifer System Montgomery COUNTY	384	384	384	384	384	384
Cut & Shoot	H	Gulf Coast Aquifer System Montgomery COUNTY	366	366	366	366	366	366
Dobbin Plantersville WSC*	H	Gulf Coast Aquifer System Montgomery COUNTY	359	359	359	359	359	359
Domestic Water	H	Gulf Coast Aquifer System Montgomery COUNTY	171	171	171	171	171	171
East Plantation UD	H	Gulf Coast Aquifer System Montgomery COUNTY	266	267	307	350	402	416
Far Hills UD	H	Gulf Coast Aquifer System Montgomery COUNTY	546	546	546	546	546	546
Gulf Utility	H	Gulf Coast Aquifer System Montgomery COUNTY	806	806	806	806	806	806
Harris-Montgomery Counties MUD 386	H	Conroe Lake/Reservoir	255	255	255	255	255	255
Harris-Montgomery Counties MUD 386	H	Gulf Coast Aquifer System Montgomery COUNTY	170	170	170	170	170	170
HMW SUD	H	Gulf Coast Aquifer System Montgomery COUNTY	864	864	864	864	864	864
Houston	H	Gulf Coast Aquifer System Montgomery COUNTY	1,311	1,311	1,311	1,311	1,311	1,311
Johnston Water Utility	H	Gulf Coast Aquifer System Montgomery COUNTY	741	741	741	741	741	741
Kings Manor MUD	H	Gulf Coast Aquifer System Montgomery COUNTY	327	331	325	320	319	318
Lake Bonanza WSC	H	Gulf Coast Aquifer System Montgomery COUNTY	216	216	216	216	216	216
Lake Conroe Hills MUD	H	Gulf Coast Aquifer System Montgomery COUNTY	229	229	229	229	229	229
Lazy River Improvement District	H	Gulf Coast Aquifer System Montgomery COUNTY	218	218	218	218	218	218
Magnolia	H	Gulf Coast Aquifer System Montgomery COUNTY	1,206	1,206	1,206	1,206	1,206	1,206
Montgomery	H	Gulf Coast Aquifer System Montgomery COUNTY	861	861	861	861	861	861
Montgomery County MUD 112	H	Gulf Coast Aquifer System Montgomery COUNTY	285	285	285	285	285	285
Montgomery County MUD 115	H	Gulf Coast Aquifer System Montgomery COUNTY	206	206	206	206	206	206
Montgomery County MUD 119	H	Gulf Coast Aquifer System Montgomery COUNTY	786	786	786	786	786	786
Montgomery County MUD 15	H	Gulf Coast Aquifer System Montgomery COUNTY	497	479	471	490	510	530
Montgomery County MUD 18	H	Gulf Coast Aquifer System Montgomery COUNTY	2,589	2,589	2,589	2,589	2,589	2,589
Montgomery County MUD 19	H	Gulf Coast Aquifer System Montgomery COUNTY	470	470	470	470	470	470

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Region H Water User Group (WUG) Existing Water Supply

WUG NAME	SOURCE REGION	SOURCE DESCRIPTION	EXISTING SUPPLY (ACRE-FEET PER YEAR)					
			2020	2030	2040	2050	2060	2070
Montgomery County MUD 56	H	Gulf Coast Aquifer System Montgomery COUNTY	156	156	148	86	86	86
Montgomery County MUD 8	H	Gulf Coast Aquifer System Montgomery COUNTY	1,404	1,404	1,404	1,404	1,404	1,404
Montgomery County MUD 83	H	Gulf Coast Aquifer System Montgomery COUNTY	391	277	282	284	285	285
Montgomery County MUD 84	H	Gulf Coast Aquifer System Montgomery COUNTY	420	534	529	527	526	526
Montgomery County MUD 88	H	Gulf Coast Aquifer System Montgomery COUNTY	84	106	132	131	131	131
Montgomery County MUD 89	H	Gulf Coast Aquifer System Montgomery COUNTY	684	662	636	637	637	637
Montgomery County MUD 9	H	Gulf Coast Aquifer System Montgomery COUNTY	893	893	893	893	893	893
Montgomery County MUD 95	H	Gulf Coast Aquifer System Montgomery COUNTY	130	148	156	137	117	97
Montgomery County MUD 98	H	Gulf Coast Aquifer System Montgomery COUNTY	227	227	227	227	227	227
Montgomery County MUD 99	H	Conroe Lake/Reservoir	140	140	140	140	140	140
Montgomery County MUD 99	H	Gulf Coast Aquifer System Montgomery COUNTY	47	47	47	47	47	47
Montgomery County UD 2	H	Gulf Coast Aquifer System Montgomery COUNTY	345	345	345	345	345	345
Montgomery County UD 3	H	Gulf Coast Aquifer System Montgomery COUNTY	860	809	810	775	711	651
Montgomery County UD 4	H	Gulf Coast Aquifer System Montgomery COUNTY	819	870	869	904	968	1,028
Montgomery County WCID 1	H	Conroe Lake/Reservoir	212	212	212	212	212	212
Montgomery County WCID 1	H	Gulf Coast Aquifer System Montgomery COUNTY	84	84	84	84	84	84
MSEC Enterprises	H	Conroe Lake/Reservoir	1,553	1,553	1,553	1,553	1,553	1,553
MSEC Enterprises	H	Gulf Coast Aquifer System Montgomery COUNTY	2,924	2,924	2,924	2,924	2,924	2,924
New Caney MUD	H	Gulf Coast Aquifer System Montgomery COUNTY	823	823	823	823	823	823
Oak Ridge North	H	Conroe Lake/Reservoir	361	361	361	361	361	361
Oak Ridge North	H	Gulf Coast Aquifer System Montgomery COUNTY	214	214	214	214	214	214
Panorama Village	H	DIRECT REUSE	43	43	43	43	43	43
Panorama Village	H	Gulf Coast Aquifer System Montgomery COUNTY	470	470	470	470	470	470
Pinehurst Decker Prairie WSC	H	Gulf Coast Aquifer System Montgomery COUNTY	86	86	86	86	86	86
Point Aquarius MUD	H	Gulf Coast Aquifer System Montgomery COUNTY	970	970	970	970	970	970
Porter SUD	H	Gulf Coast Aquifer System Montgomery COUNTY	576	454	400	406	408	408
Quadvest	H	Gulf Coast Aquifer System Montgomery COUNTY	4,868	4,868	4,868	4,868	4,868	4,868
Ranch Utilities	H	Gulf Coast Aquifer System Montgomery COUNTY	145	145	145	145	145	145
Rayford Road MUD	H	Conroe Lake/Reservoir	862	862	862	862	862	862
Rayford Road MUD	H	Gulf Coast Aquifer System Montgomery COUNTY	558	558	558	558	558	558
River Plantation MUD	H	DIRECT REUSE	256	256	256	256	256	256
River Plantation MUD	H	Gulf Coast Aquifer System Montgomery COUNTY	563	562	522	479	427	413
Roman Forest Consolidated MUD	H	Gulf Coast Aquifer System Montgomery COUNTY	241	241	241	241	241	241
Shenandoah	H	Gulf Coast Aquifer System Montgomery COUNTY	1,163	1,163	1,163	1,163	1,163	1,163
Southern Montgomery County MUD	H	Conroe Lake/Reservoir	976	976	976	976	976	976
Southern Montgomery County MUD	H	DIRECT REUSE	144	144	144	144	144	144
Southern Montgomery County MUD	H	Gulf Coast Aquifer System Montgomery COUNTY	368	368	368	368	368	368
Splendora	H	Gulf Coast Aquifer System Montgomery COUNTY	752	752	752	752	752	752
Spring Creek UD	H	Gulf Coast Aquifer System Montgomery COUNTY	952	952	952	952	952	952
Stanley Lake MUD	H	Gulf Coast Aquifer System Montgomery COUNTY	1,030	1,030	1,030	1,030	1,030	1,030
T & W Water Service	H	Gulf Coast Aquifer System Montgomery COUNTY	1,554	1,554	1,554	1,554	1,554	1,554
The Woodlands	H	Conroe Lake/Reservoir	14,591	14,591	14,591	14,591	14,591	14,591
The Woodlands	H	Gulf Coast Aquifer System Montgomery COUNTY	10,479	10,479	10,479	10,479	10,479	10,479
The Woodlands	H	San Jacinto INDIRECT REUSE	438	438	438	438	438	438
The Woodlands	H	San Jacinto Run-of-River	116	116	116	116	116	116

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Region H Water User Group (WUG) Existing Water Supply

WUG NAME	SOURCE REGION	SOURCE DESCRIPTION	EXISTING SUPPLY (ACRE-FEET PER YEAR)					
			2020	2030	2040	2050	2060	2070
Valley Ranch MUD 1	H	Gulf Coast Aquifer System Montgomery COUNTY	211	264	325	322	321	321
Westwood North WSC	H	Gulf Coast Aquifer System Montgomery COUNTY	460	460	460	460	460	460
White Oak Utilities	H	Gulf Coast Aquifer System Montgomery COUNTY	165	165	165	165	165	165
White Oak WSC	H	Gulf Coast Aquifer System Montgomery COUNTY	102	102	102	102	102	102
Willis	H	Gulf Coast Aquifer System Montgomery COUNTY	2,500	2,500	2,500	2,500	2,500	2,500
Wood Branch Village	H	Gulf Coast Aquifer System Montgomery COUNTY	110	110	110	110	110	110
County-Other	H	DIRECT REUSE	10	10	10	10	10	10
County-Other	H	Gulf Coast Aquifer System Montgomery COUNTY	17,214	17,304	17,598	17,816	17,931	18,009
Manufacturing	H	Gulf Coast Aquifer System Montgomery COUNTY	1,843	1,843	1,843	1,843	1,843	1,843
Mining	H	Gulf Coast Aquifer System Montgomery COUNTY	1,453	1,363	1,077	921	806	728
Steam Electric Power	H	Conroe Lake/Reservoir	7,841	7,841	7,841	7,841	7,841	7,841
Steam Electric Power	H	Gulf Coast Aquifer System Montgomery COUNTY	4,614	4,614	4,614	4,614	4,614	4,614
Livestock	H	Gulf Coast Aquifer System Montgomery COUNTY	537	537	537	537	537	537
Irrigation	H	Conroe Lake/Reservoir	943	943	943	943	943	943
Irrigation	H	Gulf Coast Aquifer System Montgomery COUNTY	5,532	5,532	5,532	5,532	5,532	5,532
Irrigation	H	San Jacinto Run-of-River	25	25	25	25	25	25
San Jacinto BASIN TOTAL			127,371	127,375	127,369	127,364	127,363	127,362
Montgomery COUNTY TOTAL			127,371	127,375	127,369	127,364	127,363	127,362
Lake Livingston WSC*	H	Gulf Coast Aquifer System Polk COUNTY	592	659	731	807	888	973
Lake Livingston WSC*	H	Livingston-Wallisville Lake/Reservoir System	529	530	529	529	529	529
Leggett WSC	H	Gulf Coast Aquifer System Polk COUNTY	334	364	387	409	429	445
Livingston	H	Livingston-Wallisville Lake/Reservoir System	5,600	5,600	5,600	5,600	5,600	5,600
Memorial Point UD	H	Gulf Coast Aquifer System Polk COUNTY	182	198	211	223	233	242
Memorial Point UD	H	Livingston-Wallisville Lake/Reservoir System	10	10	10	10	10	10
Moscow WSC*	I	Gulf Coast Aquifer System Polk COUNTY	29	29	29	29	29	29
Onalaska WSC	H	Gulf Coast Aquifer System Polk COUNTY	364	443	504	557	605	644
Providence WSC	H	Gulf Coast Aquifer System Polk COUNTY	157	165	173	184	193	201
Soda WSC*	H	Gulf Coast Aquifer System Polk COUNTY	163	173	182	190	199	206
Tempe WSC 1	H	Gulf Coast Aquifer System Polk COUNTY	206	220	231	242	253	263
County-Other*	H	Gulf Coast Aquifer System Polk COUNTY	1,532	1,585	1,608	1,618	1,614	1,586
County-Other*	H	Livingston-Wallisville Lake/Reservoir System	20	20	20	20	20	20
Manufacturing*	H	Gulf Coast Aquifer System Polk COUNTY	5	5	5	5	5	5
Mining*	H	Gulf Coast Aquifer System Polk COUNTY	92	66	40	14	0	0
Mining*	H	Livingston-Wallisville Lake/Reservoir System	32	32	32	32	32	32
Livestock*	H	Gulf Coast Aquifer System Polk COUNTY	181	181	181	181	181	181
Irrigation*	H	Gulf Coast Aquifer System Polk COUNTY	332	332	332	332	332	332
Trinity BASIN TOTAL			10,360	10,612	10,805	10,982	11,152	11,298
Polk COUNTY TOTAL			10,360	10,612	10,805	10,982	11,152	11,298
Mercy WSC	H	Gulf Coast Aquifer System San Jacinto COUNTY	168	177	184	195	206	216
One Five O WSC	H	Gulf Coast Aquifer System San Jacinto COUNTY	296	313	327	348	366	384
P B & S C WSC	H	Gulf Coast Aquifer System San Jacinto COUNTY	20	21	22	24	25	26
San Jacinto SUD	H	Gulf Coast Aquifer System San Jacinto COUNTY	64	67	68	73	77	80
San Jacinto SUD	H	Livingston-Wallisville Lake/Reservoir System	72	72	71	72	72	71
County-Other	H	Gulf Coast Aquifer System San Jacinto COUNTY	829	886	928	983	1,028	1,067
Manufacturing	H	Gulf Coast Aquifer System San Jacinto COUNTY	9	10	10	10	10	10
Mining	H	Gulf Coast Aquifer System San Jacinto COUNTY	6	6	7	7	7	7
Livestock	H	Gulf Coast Aquifer System San Jacinto COUNTY	206	206	206	206	206	206
Irrigation	H	Gulf Coast Aquifer System San Jacinto COUNTY	74	74	74	74	74	74

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Region H Water User Group (WUG) Existing Water Supply

WUG NAME	SOURCE	SOURCE DESCRIPTION	EXISTING SUPPLY (ACRE-FEET PER YEAR)					
	REGION		2020	2030	2040	2050	2060	2070
San Jacinto BASIN TOTAL			1,744	1,832	1,897	1,992	2,071	2,141
Cape Royale UD	H	Gulf Coast Aquifer System San Jacinto COUNTY	270	293	311	332	351	368
Dodge Oakhurst WSC	H	Gulf Coast Aquifer System San Jacinto COUNTY	58	60	62	65	68	70
Lake Livingston WSC*	H	Gulf Coast Aquifer System San Jacinto COUNTY	185	205	228	252	277	303
Lake Livingston WSC*	H	Livingston-Wallisville Lake/Reservoir System	165	165	165	165	165	165
P B & S C WSC	H	Gulf Coast Aquifer System San Jacinto COUNTY	231	247	260	276	292	306
Riverside WSC	H	Gulf Coast Aquifer System San Jacinto COUNTY	26	30	32	34	36	38
Riverside WSC	H	Livingston-Wallisville Lake/Reservoir System	8	8	8	8	8	8
San Jacinto SUD	H	Gulf Coast Aquifer System San Jacinto COUNTY	186	194	200	212	223	234
San Jacinto SUD	H	Livingston-Wallisville Lake/Reservoir System	208	208	209	208	208	209
Shepherd	H	Gulf Coast Aquifer System San Jacinto COUNTY	313	332	348	369	389	407
Waterwood MUD 1	H	Gulf Coast Aquifer System San Jacinto COUNTY	123	133	142	152	160	168
Waterwood MUD 1	H	Livingston-Wallisville Lake/Reservoir System	336	336	336	336	336	336
County-Other	H	Gulf Coast Aquifer System San Jacinto COUNTY	625	668	700	741	776	804
Mining	H	Gulf Coast Aquifer System San Jacinto COUNTY	2	2	2	2	2	2
Livestock	H	Gulf Coast Aquifer System San Jacinto COUNTY	207	207	207	207	207	207
Irrigation	H	Gulf Coast Aquifer System San Jacinto COUNTY	74	74	74	74	74	74
Irrigation	H	Livingston-Wallisville Lake/Reservoir System	120	120	120	120	120	120
Trinity BASIN TOTAL			3,137	3,282	3,404	3,553	3,692	3,819
San Jacinto COUNTY TOTAL			4,881	5,114	5,301	5,545	5,763	5,960
Glendale WSC	H	Livingston-Wallisville Lake/Reservoir System	75	75	75	75	75	75
Glendale WSC	H	Yegua-Jackson Aquifer Trinity COUNTY	81	81	81	81	81	81
Groveton*	H	Livingston-Wallisville Lake/Reservoir System	343	342	343	342	341	342
Groveton*	H	Yegua-Jackson Aquifer Trinity COUNTY	34	35	34	32	33	35
Lake Livingston WSC*	H	Gulf Coast Aquifer System Trinity COUNTY	46	51	57	63	66	66
Lake Livingston WSC*	H	Livingston-Wallisville Lake/Reservoir System	120	120	120	120	120	120
Pennington WSC*	I	Yegua-Jackson Aquifer Houston COUNTY	95	97	98	97	98	99
Pennington WSC*	H	Yegua-Jackson Aquifer Trinity COUNTY	39	37	37	37	36	37
Trinity	H	Livingston-Wallisville Lake/Reservoir System	1,196	1,196	1,196	1,196	1,196	1,196
Trinity Rural WSC	H	Livingston-Wallisville Lake/Reservoir System	347	347	345	343	342	343
Trinity Rural WSC	H	Yegua-Jackson Aquifer Trinity COUNTY	117	141	138	122	138	159
Westwood Shores MUD	H	Livingston-Wallisville Lake/Reservoir System	495	495	495	495	495	495
County-Other*	H	Gulf Coast Aquifer System Trinity COUNTY	23	22	18	13	18	17
County-Other*	H	Livingston-Wallisville Lake/Reservoir System	20	20	20	20	20	20
County-Other*	H	Yegua-Jackson Aquifer Trinity COUNTY	13	12	11	8	10	9
Mining*	H	Yegua-Jackson Aquifer Trinity COUNTY	5	5	5	5	5	5
Livestock*	H	Yegua-Jackson Aquifer Trinity COUNTY	201	201	201	201	201	201
Irrigation*	H	Trinity Run-of-River	34	34	34	34	34	34
Irrigation*	H	Yegua-Jackson Aquifer Trinity COUNTY	275	275	275	275	275	275
Trinity BASIN TOTAL			3,559	3,586	3,583	3,559	3,584	3,609
Trinity COUNTY TOTAL			3,559	3,586	3,583	3,559	3,584	3,609
Dodge Oakhurst WSC	H	Gulf Coast Aquifer System Walker COUNTY	80	82	85	89	92	96
Huntsville	H	Gulf Coast Aquifer System Walker COUNTY	2,399	2,426	2,444	2,467	2,492	2,513
Huntsville	H	Livingston-Wallisville Lake/Reservoir System	16,103	16,102	16,102	16,101	16,102	16,101
New Waverly	H	Gulf Coast Aquifer System Walker COUNTY	190	193	194	197	201	204
Phelps SUD	H	Gulf Coast Aquifer System Walker COUNTY	153	152	151	152	154	156
Walker County Rural SUD	H	Gulf Coast Aquifer System Walker COUNTY	278	286	292	300	308	314
Walker County Rural SUD	H	Yegua-Jackson Aquifer Walker COUNTY	156	161	164	168	173	177

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Region H Water User Group (WUG) Existing Water Supply

WUG NAME	SOURCE REGION	SOURCE DESCRIPTION	EXISTING SUPPLY (ACRE-FEET PER YEAR)					
			2020	2030	2040	2050	2060	2070
County-Other	H	Gulf Coast Aquifer System Walker COUNTY	1,327	1,327	1,327	1,327	1,327	1,327
County-Other	H	Livingston-Wallisville Lake/Reservoir System	1,603	1,640	1,666	1,691	1,709	1,723
Manufacturing	H	Gulf Coast Aquifer System Walker COUNTY	29	36	36	36	36	36
Mining	H	Gulf Coast Aquifer System Walker COUNTY	5	5	5	5	5	5
Livestock	H	Gulf Coast Aquifer System Walker COUNTY	353	353	353	353	353	353
Irrigation	H	Gulf Coast Aquifer System Walker COUNTY	240	240	240	240	240	240
San Jacinto BASIN TOTAL			22,916	23,003	23,059	23,126	23,192	23,245
Dodge Oakhurst WSC	H	Gulf Coast Aquifer System Walker COUNTY	56	59	60	63	66	68
Huntsville	H	Gulf Coast Aquifer System Walker COUNTY	491	497	500	506	510	515
Huntsville	H	Livingston-Wallisville Lake/Reservoir System	3,297	3,298	3,298	3,299	3,298	3,299
Lake Livingston WSC*	H	Gulf Coast Aquifer System Walker COUNTY	13	14	16	17	19	21
Lake Livingston WSC*	H	Livingston-Wallisville Lake/Reservoir System	12	11	12	11	11	11
Phelps SUD	H	Gulf Coast Aquifer System Walker COUNTY	66	66	66	66	67	67
Riverside WSC	H	Livingston-Wallisville Lake/Reservoir System	77	77	77	77	77	77
Riverside WSC	H	Yegua-Jackson Aquifer Walker COUNTY	257	289	313	336	353	368
The Consolidated WSC*	I	Carrizo-Wilcox Aquifer Houston COUNTY	12	13	15	15	16	17
The Consolidated WSC*	I	Houston County Lake/Reservoir	5	6	6	6	7	7
Trinity Rural WSC	H	Livingston-Wallisville Lake/Reservoir System	28	28	30	32	33	32
Trinity Rural WSC	H	Yegua-Jackson Aquifer Trinity COUNTY	9	12	12	12	13	15
Walker County Rural SUD	H	Gulf Coast Aquifer System Walker COUNTY	370	382	390	400	410	420
Walker County Rural SUD	H	Yegua-Jackson Aquifer Walker COUNTY	208	215	219	225	231	236
County-Other	H	Gulf Coast Aquifer System Walker COUNTY	914	914	914	914	914	914
County-Other	H	Livingston-Wallisville Lake/Reservoir System	1,397	1,360	1,334	1,309	1,291	1,277
County-Other	H	Yegua-Jackson Aquifer Walker COUNTY	255	255	255	255	255	255
Manufacturing	H	Gulf Coast Aquifer System Walker COUNTY	138	168	168	168	168	168
Manufacturing	H	Trinity Run-of-River	337	337	337	337	337	337
Manufacturing	H	Yegua-Jackson Aquifer Walker COUNTY	82	99	99	99	99	99
Mining	H	Gulf Coast Aquifer System Walker COUNTY	6	6	6	6	6	6
Livestock	H	Gulf Coast Aquifer System Walker COUNTY	198	198	198	198	198	198
Livestock	H	Queen City Aquifer Walker COUNTY	101	101	101	101	101	101
Livestock	H	Yegua-Jackson Aquifer Walker COUNTY	101	101	101	101	101	101
Irrigation	H	Gulf Coast Aquifer System Walker COUNTY	40	40	40	40	40	40
Irrigation	H	Trinity Run-of-River	122	122	122	122	122	122
Irrigation	H	Yegua-Jackson Aquifer Walker COUNTY	158	158	158	158	158	158
Trinity BASIN TOTAL			8,750	8,826	8,847	8,873	8,901	8,929
Walker COUNTY TOTAL			31,666	31,829	31,906	31,999	32,093	32,174
Brookshire MWD	H	Gulf Coast Aquifer System Waller COUNTY	602	710	837	981	1,146	1,326
G & W WSC*	H	Gulf Coast Aquifer System Waller COUNTY	110	146	186	222	222	222
Hempstead	H	Gulf Coast Aquifer System Waller COUNTY	1,303	1,489	1,702	1,944	2,218	2,292
Pattison WSC	H	Gulf Coast Aquifer System Waller COUNTY	263	310	365	426	495	570
Prairie View	H	Gulf Coast Aquifer System Waller COUNTY	751	1,000	1,277	1,582	1,924	2,296
Prairie View A&M University	H	Gulf Coast Aquifer System Waller COUNTY	195	195	195	195	195	195
Quadvest	H	Gulf Coast Aquifer System Waller COUNTY	26	34	43	54	68	82
County-Other	H	Gulf Coast Aquifer System Waller COUNTY	1,182	1,182	1,182	1,182	1,182	1,182
Manufacturing	H	Gulf Coast Aquifer System Waller COUNTY	65	66	66	66	66	66
Mining	H	Gulf Coast Aquifer System Waller COUNTY	4	4	4	4	4	4
Livestock	H	Gulf Coast Aquifer System Waller COUNTY	909	909	909	909	909	909

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Region H Water User Group (WUG) Existing Water Supply

WUG NAME	SOURCE REGION	SOURCE DESCRIPTION	EXISTING SUPPLY (ACRE-FEET PER YEAR)					
			2020	2030	2040	2050	2060	2070
Irrigation	G	Brazos River Authority Main Stem Lake/Reservoir System	50	50	50	50	50	50
Irrigation	H	Brazos Run-of-River	43	43	43	43	43	43
Irrigation	H	Gulf Coast Aquifer System Waller COUNTY	7,651	7,651	7,651	7,651	7,651	7,651
Brazos BASIN TOTAL			13,154	13,789	14,510	15,309	16,173	16,888
G & W WSC*	H	Gulf Coast Aquifer System Waller COUNTY	339	447	572	679	679	679
Katy	H	Gulf Coast Aquifer System Waller COUNTY	354	434	527	628	742	866
Oak Hollow Utility	H	Gulf Coast Aquifer System Waller COUNTY	206	240	282	328	381	439
Prairie View	H	Gulf Coast Aquifer System Waller COUNTY	55	73	93	116	141	168
Prairie View A&M University	H	Gulf Coast Aquifer System Waller COUNTY	21	21	21	21	21	21
Waller	H	Gulf Coast Aquifer System Waller COUNTY	356	379	407	440	479	523
White Oak Utilities	H	Gulf Coast Aquifer System Waller COUNTY	6	8	7	7	7	7
County-Other	H	Gulf Coast Aquifer System Waller COUNTY	982	982	982	982	982	982
Manufacturing	H	DIRECT REUSE	16	16	16	16	16	16
Manufacturing	H	Gulf Coast Aquifer System Waller COUNTY	69	70	70	70	70	70
Mining	H	Gulf Coast Aquifer System Waller COUNTY	3	3	3	3	3	3
Livestock	H	Gulf Coast Aquifer System Waller COUNTY	270	270	270	270	270	270
Irrigation	H	Gulf Coast Aquifer System Waller COUNTY	14,282	14,282	14,282	14,282	14,282	14,282
San Jacinto BASIN TOTAL			16,959	17,225	17,532	17,842	18,073	18,326
Waller COUNTY TOTAL			30,113	31,014	32,042	33,151	34,246	35,214
REGION H EXISTING WATER SUPPLY TOTAL			2,685,048	2,541,471	2,471,394	2,494,523	2,520,156	2,546,604

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Region H Water User Group (WUG) Needs/Surplus

WUG supplies and projected demands are entered for each of a WUG's region-county-basin divisions. The needs shown in the WUG Needs/Surplus report are calculated by first deducting the WUG split's projected demand from its total existing water supply volume. If the WUG split has a greater existing supply volume than projected demand in any given decade, this amount is considered a surplus volume. Surplus volumes are shown as positive values, and needs are shown as negative values in parentheses.

	(NEEDS)/SURPLUS (ACRE-FEET PER YEAR)					
	2020	2030	2040	2050	2060	2070
Austin COUNTY - Brazos BASIN						
Austin County WSC	0	0	0	0	0	0
Bellville	0	0	0	0	0	0
Sealy	0	0	0	0	0	0
West End WSC*	0	0	0	0	0	0
County-Other	0	(210)	(505)	(872)	(1,293)	(1,766)
Manufacturing	0	0	0	0	0	0
Mining	0	(147)	(99)	(51)	(4)	0
Livestock	0	0	0	0	0	0
Irrigation	0	0	0	0	0	0
Austin COUNTY - Brazos-Colorado BASIN						
Austin County WSC	0	0	0	0	0	0
Sealy	0	0	0	0	0	0
Wallis	0	0	0	0	0	0
County-Other	0	(2)	(79)	(175)	(285)	(408)
Manufacturing	0	0	0	0	0	0
Mining	0	(43)	(29)	(15)	(1)	0
Livestock	0	0	0	0	0	0
Irrigation	0	0	0	0	0	0
Austin COUNTY - Colorado BASIN						
West End WSC*	0	0	0	0	0	0
County-Other	0	0	0	0	0	(3)
Mining	0	(3)	(2)	(1)	0	0
Livestock	0	0	0	0	0	0
Brazoria COUNTY - Brazos BASIN						
Brazoria	35	40	45	45	42	37
Freeport	0	0	0	0	0	0
Lake Jackson	0	0	0	0	0	0
Varner Creek UD	0	0	0	0	0	0
West Columbia	0	0	0	0	0	0
County-Other	0	0	0	0	(137)	(374)
Manufacturing	108	147	139	130	121	112
Mining	0	(31)	(59)	(89)	(122)	(161)
Livestock	0	0	0	0	0	0
Irrigation	(51)	(51)	(51)	(51)	(51)	(51)
Brazoria COUNTY - Brazos-Colorado BASIN						
Brazoria	0	0	0	0	0	0
Freeport	0	0	0	0	0	0
Sweeny	0	0	0	0	0	0
West Columbia	0	0	0	0	0	0
County-Other	0	(660)	(1,290)	(1,918)	(2,570)	(3,248)
Manufacturing	(21,772)	(27,812)	(27,812)	(27,812)	(27,812)	(27,855)
Mining	0	(58)	(110)	(167)	(228)	(306)
Livestock	0	0	0	0	0	(8)

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Region H Water User Group (WUG) Needs/Surplus

Irrigation	(138)	(138)	(138)	(138)	(138)	(221)
Brazoria COUNTY - San Jacinto-Brazos BASIN						
Alvin	81	81	81	81	81	81
Angleton	281	351	407	432	426	412
Brazoria County MUD 2	0	0	0	0	0	0
Brazoria County MUD 21	0	0	0	0	0	0
Brazoria County MUD 25	0	0	0	0	0	0
Brazoria County MUD 29	0	0	(20)	(7)	(4)	(3)
Brazoria County MUD 3	9	9	9	9	9	9
Brazoria County MUD 31	0	0	0	0	0	0
Brazoria County MUD 6	0	0	0	0	0	0
Clute	0	0	0	0	0	0
Danbury	0	0	0	0	0	0
Freeport	868	847	824	783	722	657
Hillcrest Village	0	0	0	0	0	0
Lake Jackson	0	0	0	0	0	0
Manvel	0	0	0	0	0	0
Oyster Creek	0	0	0	0	0	0
Pearland	3,754	3,366	2,897	2,607	2,457	2,256
Quadvest	0	0	0	0	0	0
Richwood	0	0	0	0	0	0
Sedona Lakes MUD 1	0	0	0	0	0	0
Surfside Beach	0	(26)	(24)	(23)	(22)	(22)
TDCJ Ramsey Area	1,008	1,008	1,008	1,008	1,008	1,008
County-Other	0	(1,537)	(5,333)	(9,846)	(14,969)	(20,736)
Manufacturing	49,267	21,232	20,900	20,568	20,236	19,904
Mining	0	(132)	(252)	(385)	(524)	(696)
Livestock	0	0	0	0	0	0
Irrigation	(57,528)	(57,528)	(57,528)	(57,528)	(57,528)	(57,528)
Chambers COUNTY - Neches-Trinity BASIN						
Anahuac	824	832	837	838	835	830
Trinity Bay Conservation District	(326)	(598)	(888)	(1,215)	(1,578)	(1,963)
County-Other	0	0	0	0	0	0
Mining	0	0	0	0	0	0
Livestock	0	0	0	0	0	0
Irrigation	24,787	24,787	24,787	24,787	24,787	24,787
Chambers COUNTY - Trinity BASIN						
Anahuac	0	0	0	0	0	0
Mont Belvieu	0	0	(428)	(1,059)	(1,737)	(2,451)
Trinity Bay Conservation District	(84)	(155)	(231)	(316)	(411)	(511)
County-Other	0	0	0	0	0	0
Manufacturing	(2,753)	(3,452)	(3,452)	(3,452)	(3,452)	(3,452)
Mining	0	0	0	0	0	0
Livestock	0	0	0	0	0	0
Irrigation	(9,392)	(9,392)	(9,392)	(9,392)	(9,392)	(9,392)
Chambers COUNTY - Trinity-San Jacinto BASIN						
Baytown	0	0	0	0	0	0
Chambers County MUD 1	0	0	0	0	0	0
Mont Belvieu	0	0	(129)	(319)	(523)	(737)
County-Other	971	937	899	854	800	744

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Region H Water User Group (WUG) Needs/Surplus

Manufacturing	22,339	19,701	19,701	19,701	19,701	19,701
Mining	0	0	0	0	0	0
Steam Electric Power	(1,387)	(1,387)	(1,387)	(1,387)	(1,387)	(1,387)
Livestock	0	0	0	0	0	0
Irrigation	(3,180)	(3,180)	(3,180)	(3,180)	(3,180)	(3,180)
Fort Bend COUNTY - Brazos BASIN						
First Colony MUD 9	0	(140)	(138)	(138)	(137)	(137)
Fort Bend County FWSD 2	0	(96)	(118)	(141)	(164)	(189)
Fort Bend County MUD 115	0	(214)	(213)	(213)	(212)	(212)
Fort Bend County MUD 116	0	(346)	(453)	(536)	(620)	(703)
Fort Bend County MUD 121	0	(137)	(136)	(135)	(134)	(133)
Fort Bend County MUD 128	958	967	972	974	975	975
Fort Bend County MUD 129	0	(342)	(341)	(340)	(339)	(339)
Fort Bend County MUD 140	0	(147)	(145)	(144)	(144)	(144)
Fort Bend County MUD 149	0	(85)	(106)	(104)	(104)	(104)
Fort Bend County MUD 152	0	(66)	(82)	(82)	(82)	(82)
Fort Bend County MUD 155	0	(160)	(199)	(197)	(197)	(197)
Fort Bend County MUD 158	0	(101)	(126)	(125)	(125)	(125)
Fort Bend County MUD 162	0	(114)	(140)	(139)	(138)	(138)
Fort Bend County MUD 187	0	(126)	(123)	(122)	(121)	(121)
Fort Bend County MUD 25	7	(50)	(49)	(51)	(52)	(54)
Fort Bend County MUD 46	75	44	35	35	35	35
Fort Bend County MUD 5	0	(108)	(105)	(104)	(103)	(103)
Fort Bend County MUD 81	0	0	0	0	0	0
Fort Bend County WCID 3	0	(214)	(214)	(213)	(213)	(213)
Fulshear	0	(303)	(314)	(314)	(313)	(313)
Needville	0	0	0	0	0	0
North Fort Bend Water Authority	0	0	0	0	0	0
Pecan Grove MUD 1	5,334	4,687	4,715	4,714	4,712	4,707
Plantation MUD	6	(113)	(104)	(99)	(98)	(98)
Quadvest	0	(176)	(254)	(347)	(461)	(584)
Richmond	149	(498)	(530)	(598)	(677)	(758)
Rosenberg	1,818	337	237	108	(71)	(293)
Royal Valley Utilities	0	(281)	(351)	(350)	(349)	(349)
Sienna Plantation	1,193	529	148	(234)	(617)	(970)
Sugar Land	802	(6,767)	(7,467)	(8,217)	(8,897)	(9,470)
TDCJ Jester Units	0	(160)	(159)	(158)	(158)	(158)
County-Other	(1,311)	(6,413)	(6,500)	(8,267)	(10,805)	(13,456)
Manufacturing	(194)	(949)	(949)	(949)	(949)	(949)
Mining	378	378	378	378	378	378
Steam Electric Power	62,726	62,702	62,678	62,653	62,629	62,605
Livestock	0	0	0	0	0	0
Irrigation	233	233	233	233	233	233
Fort Bend COUNTY - Brazos-Colorado BASIN						
Kendleton	0	0	0	0	0	0
Needville	0	0	0	0	0	0
Rosenberg	0	0	0	0	0	0
County-Other	0	0	(1,274)	(3,758)	(7,408)	(12,756)
Mining	0	0	0	0	0	0
Livestock	0	0	0	0	0	0

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Region H Water User Group (WUG) Needs/Surplus

Irrigation	0	0	0	0	0	0
Fort Bend COUNTY - San Jacinto BASIN						
Blue Ridge West MUD	8	(320)	(314)	(312)	(311)	(310)
Fort Bend County WCID 2	0	(742)	(921)	(1,102)	(1,283)	(1,476)
Fulshear	0	(73)	(122)	(121)	(122)	(121)
Houston	81	(570)	(980)	(1,137)	(1,301)	(1,458)
Katy	0	(1,782)	(1,780)	(1,783)	(1,789)	(1,794)
Meadows Place	26	(185)	(182)	(186)	(193)	(202)
North Fort Bend Water Authority	0	(21,498)	(27,636)	(30,967)	(32,743)	(33,655)
Sugar Land	92	(228)	(242)	(257)	(270)	(278)
West Harris County Regional Water Authority	0	0	0	0	0	0
County-Other	(103)	(203)	(198)	(167)	(115)	(77)
Manufacturing	(62)	(137)	(137)	(137)	(137)	(137)
Livestock	0	0	0	0	0	0
Irrigation	0	0	0	0	0	0
Fort Bend COUNTY - San Jacinto-Brazos BASIN						
Blue Ridge West MUD	1	(27)	(27)	(27)	(27)	(27)
First Colony MUD 9	0	(448)	(443)	(440)	(439)	(439)
Fort Bend County FWSD 1	0	(34)	(43)	(52)	(61)	(70)
Fort Bend County MUD 115	0	(113)	(112)	(112)	(112)	(112)
Fort Bend County MUD 23	0	(437)	(461)	(486)	(511)	(539)
Fort Bend County MUD 24	0	(62)	(77)	(77)	(76)	(76)
Fort Bend County MUD 25	52	(343)	(344)	(350)	(362)	(377)
Fort Bend County MUD 26	0	(259)	(334)	(332)	(330)	(330)
Fort Bend County MUD 42	0	(369)	(366)	(364)	(363)	(363)
Fort Bend County MUD 46	298	84	20	21	21	21
Fort Bend County MUD 47	100	33	14	15	15	15
Fort Bend County MUD 48	0	(126)	(124)	(123)	(122)	(122)
Fort Bend County MUD 49	0	(89)	(88)	(87)	(87)	(87)
Fort Bend County WCID 2	324	(2,654)	(3,375)	(4,098)	(4,825)	(5,601)
Fort Bend County WCID 3	0	(23)	(23)	(23)	(23)	(23)
Fulshear	0	(726)	(742)	(741)	(740)	(739)
Houston	52	(367)	(631)	(733)	(838)	(940)
Meadowcreek MUD	0	(166)	(165)	(163)	(163)	(163)
Meadows Place	0	(19)	(18)	(19)	(19)	(20)
Missouri City	(170)	(417)	(458)	(500)	(544)	(591)
North Fort Bend Water Authority	780	(10,272)	(15,289)	(18,200)	(19,751)	(20,547)
Palmer Plantation MUD 1	0	(221)	(219)	(218)	(218)	(218)
Palmer Plantation MUD 2	0	(109)	(107)	(107)	(106)	(106)
Pearland	157	122	98	63	14	0
Pecan Grove MUD 1	13	8	8	8	8	8
Quail Valley UD	634	(395)	(698)	(691)	(688)	(687)
Sienna Plantation	3,688	2,020	989	(41)	(1,072)	(2,024)
Sugar Land	675	(2,943)	(3,183)	(3,403)	(3,578)	(3,710)
TDCJ Jester Units	0	(238)	(237)	(236)	(236)	(236)
Thunderbird UD	0	(518)	(513)	(510)	(509)	(508)
County-Other	2,430	3,502	1,972	109	(1,261)	(2,285)
Manufacturing	1,237	123	123	122	121	120
Mining	(4)	(10)	(7)	(5)	(4)	(2)
Livestock	0	0	0	0	0	0

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Region H Water User Group (WUG) Needs/Surplus

Irrigation	220	220	220	220	220	220
Galveston COUNTY - Neches-Trinity BASIN						
Bolivar Peninsula SUD	5,802	5,766	5,723	5,672	5,612	5,541
County-Other	(4)	(5)	(7)	(9)	(12)	(14)
Mining	(70)	(76)	(83)	(89)	(95)	(103)
Livestock	(53)	(53)	(53)	(53)	(53)	(53)
Irrigation	0	0	0	0	0	0
Galveston COUNTY - San Jacinto-Brazos BASIN						
Bacliff MUD	587	611	619	611	604	595
Bayview MUD	213	206	202	195	188	182
Friendswood	6,792	6,289	5,820	5,283	4,687	4,011
Galveston	3,272	2,544	1,759	885	45	(855)
Galveston County FWSD 6	(43)	(38)	(37)	(37)	(38)	(40)
Galveston County MUD 12	156	163	168	169	169	168
Galveston County WCID 1	246	0	(270)	(570)	(893)	(1,223)
Galveston County WCID 12	(763)	(1,141)	(1,179)	(1,215)	(1,252)	(1,284)
Galveston County WCID 8	502	507	501	487	470	450
Hitchcock	446	318	240	173	112	61
Jamaica Beach	0	0	0	0	0	0
La Marque	(568)	(765)	(777)	(802)	(844)	(885)
League City	9,248	7,930	6,898	6,015	5,479	5,100
San Leon MUD	1,202	1,166	1,138	1,110	1,082	1,053
Texas City	3,200	2,794	2,453	2,111	1,751	1,412
County-Other	(1,038)	(919)	(844)	(770)	(700)	(625)
Manufacturing	(138)	(9,394)	(9,420)	(9,445)	(9,472)	(9,497)
Mining	(273)	(292)	(322)	(348)	(373)	(397)
Livestock	(184)	(184)	(184)	(184)	(184)	(184)
Irrigation	(4,804)	(4,804)	(4,804)	(4,804)	(4,804)	(4,804)
Harris COUNTY - San Jacinto BASIN						
Baker Road MUD	0	(94)	(151)	(150)	(150)	(150)
Baytown	2	3	5	4	4	4
Bellaire	0	0	0	0	0	0
Blue Bell Manor Utility	0	(192)	(339)	(364)	(395)	(421)
Bunker Hill Village	0	0	0	0	0	0
Central Harris County Regional Water Authority	761	(1,050)	(2,376)	(2,572)	(2,780)	(3,014)
Chimney Hill MUD	50	50	50	50	50	50
Crosby MUD	693	689	685	680	676	670
Deer Park	234	150	86	0	0	0
Douglas Utility	0	(63)	(100)	(100)	(100)	(102)
El Dorado UD	0	(119)	(198)	(204)	(207)	(207)
Forest Hills MUD	23	(94)	(182)	(179)	(178)	(178)
Fort Bend County WCID 2	25	(141)	(290)	(343)	(398)	(456)
Galena Park	155	187	211	215	202	188
Green Trails MUD	0	(185)	(309)	(312)	(313)	(315)
Greenwood UD	0	0	0	0	0	0
Harris County FWSD 58	0	(129)	(228)	(246)	(264)	(283)
Harris County MUD 106	0	(441)	(774)	(805)	(828)	(846)
Harris County MUD 11	32	(65)	(134)	(139)	(149)	(159)
Harris County MUD 119	48	(132)	(250)	(255)	(265)	(276)
Harris County MUD 122	(7)	(29)	(51)	(49)	(48)	(48)

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Region H Water User Group (WUG) Needs/Surplus

Harris County MUD 132	0	(311)	(510)	(513)	(515)	(518)
Harris County MUD 148	0	0	0	0	0	0
Harris County MUD 151	0	(324)	(538)	(538)	(539)	(542)
Harris County MUD 152	0	(331)	(571)	(588)	(603)	(617)
Harris County MUD 153	0	(385)	(638)	(635)	(634)	(636)
Harris County MUD 154	0	(303)	(511)	(524)	(545)	(570)
Harris County MUD 158	0	0	0	0	0	0
Harris County MUD 180	0	(176)	(303)	(301)	(300)	(299)
Harris County MUD 189	0	(110)	(192)	(203)	(214)	(227)
Harris County MUD 216	0	(51)	(82)	(81)	(81)	(81)
Harris County MUD 221	0	(155)	(263)	(276)	(288)	(301)
Harris County MUD 23	0	0	0	0	0	0
Harris County MUD 278	845	254	9	9	9	9
Harris County MUD 290	0	(225)	(396)	(414)	(427)	(438)
Harris County MUD 321	0	0	0	0	0	0
Harris County MUD 342	0	0	0	0	0	0
Harris County MUD 344	52	0	0	0	0	0
Harris County MUD 345	0	(262)	(431)	(426)	(425)	(425)
Harris County MUD 36	0	(127)	(204)	(202)	(202)	(202)
Harris County MUD 361	0	0	0	0	0	0
Harris County MUD 372	218	0	0	0	0	0
Harris County MUD 400	0	(425)	(749)	(800)	(827)	(839)
Harris County MUD 412	637	457	319	295	269	243
Harris County MUD 420	0	0	0	0	0	0
Harris County MUD 46	0	(179)	(292)	(288)	(287)	(287)
Harris County MUD 49	361	150	3	0	0	0
Harris County MUD 5	0	0	0	0	0	0
Harris County MUD 50	243	255	253	250	250	248
Harris County MUD 58	0	(82)	(143)	(140)	(140)	(139)
Harris County MUD 6	60	(101)	(196)	(192)	(191)	(191)
Harris County MUD 8	191	210	225	226	227	227
Harris County MUD 96	0	0	0	0	0	0
Harris County UD 14	0	(76)	(140)	(155)	(174)	(204)
Harris County UD 15	0	(177)	(326)	(326)	(330)	(337)
Harris County WCID 1	117	137	137	119	101	81
Harris County WCID 133	0	(192)	(329)	(360)	(403)	(450)
Harris County WCID 70	0	(80)	(127)	(126)	(126)	(125)
Harris County WCID 74	0	(166)	(264)	(255)	(254)	(254)
Harris County WCID 96	2,050	1,559	1,231	1,232	1,233	1,233
Harris County WCID-Fondren Road	13	0	0	0	0	0
Hilshire Village	0	0	0	0	0	0
HMW SUD	0	(164)	(321)	(397)	(397)	(396)
Houston	4,414	(63,409)	(123,303)	(148,904)	(177,743)	(208,816)
Humble	0	0	0	0	0	0
Jacinto City	507	528	522	505	487	468
Jersey Village	289	0	0	0	0	0
Katy	0	(1,030)	(1,778)	(1,856)	(1,932)	(2,006)
Kings Manor MUD	0	0	9	15	17	18
La Porte	53	53	55	54	54	54
Lake MUD	2	2	2	2	2	2

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Region H Water User Group (WUG) Needs/Surplus

Longhorn Town UD	0	(105)	(173)	(172)	(172)	(172)
Luce Bayou PUD	0	(47)	(83)	(83)	(82)	(82)
Mason Creek UD	0	(410)	(672)	(669)	(667)	(667)
Memorial Villages Water Authority	(2,197)	(2,549)	(2,940)	(3,373)	(3,851)	(4,373)
Morgans Point	80	78	77	76	74	73
Mount Houston Road MUD	0	(266)	(494)	(552)	(595)	(628)
Newport MUD	590	277	62	48	31	11
North Belt UD	0	(150)	(252)	(260)	(272)	(284)
North Channel Water Authority	719	725	702	601	423	258
North Forest MUD	0	(59)	(96)	(94)	(94)	(94)
North Fort Bend Water Authority	0	0	0	0	0	0
North Green MUD	8	(136)	(229)	(229)	(234)	(238)
North Harris County Regional Water Authority	(3,663)	(44,114)	(73,986)	(77,794)	(81,547)	(85,100)
Northwest Harris County MUD 16	0	(163)	(262)	(258)	(258)	(257)
Parkway MUD	0	0	0	0	0	0
Pasadena	24,286	24,259	24,184	23,911	23,475	22,979
Pine Village PUD	0	0	0	0	0	0
Pinewood Community	0	(36)	(57)	(56)	(56)	(56)
Quadvest	0	(82)	(175)	(231)	(303)	(378)
Rolling Fork PUD	52	(81)	(167)	(165)	(164)	(164)
Sequoia Improvement District	0	(54)	(95)	(94)	(94)	(94)
South Houston	2,656	2,667	2,666	2,642	2,595	2,541
Southern Water	0	(150)	(239)	(235)	(233)	(233)
Southside Place	0	0	0	0	0	0
Southwest Harris County MUD 1	33	13	17	19	20	20
Spring Valley	488	132	0	0	0	0
Suburban Utility	0	(96)	(156)	(153)	(152)	(152)
Sunbelt FWSD	861	10	0	0	0	0
The Commons Water Supply	0	(130)	(224)	(233)	(239)	(244)
The Woodlands	0	(1,327)	(2,454)	(2,677)	(2,848)	(2,980)
Tomball	0	(1,043)	(1,815)	(1,913)	(2,008)	(2,098)
Trail of the Lakes MUD	9	(317)	(530)	(532)	(536)	(540)
Waller	0	0	0	0	0	0
West Harris County MUD 6	0	(121)	(205)	(212)	(219)	(224)
West Harris County Regional Water Authority	7,358	(15,523)	(33,306)	(36,883)	(38,145)	(39,318)
West University Place	9	9	9	9	9	9
Woodcreek MUD	0	(112)	(184)	(183)	(184)	(188)
County-Other	177	(5,765)	(9,595)	(9,914)	(12,651)	(15,231)
Manufacturing	104,395	79,712	79,712	79,712	79,712	79,712
Mining	(2,622)	(2,605)	(2,559)	(2,531)	(2,508)	(2,491)
Steam Electric Power	(3,412)	(3,412)	(3,412)	(3,412)	(3,412)	(3,412)
Livestock	(383)	(766)	(1,022)	(1,022)	(1,022)	(1,022)
Irrigation	3,137	3,137	3,137	3,137	3,137	3,137
Harris COUNTY - San Jacinto-Brazos BASIN						
Baybrook MUD 1	1,792	1,784	1,759	1,739	1,722	1,703
Clear Brook City MUD	1,402	1,418	1,283	1,190	1,108	1,025
Clear Lake City Water Authority	6,785	6,589	5,846	5,176	4,485	3,773
Deer Park	14	20	33	8	0	0
Friendswood	20	33	60	54	60	69
Harris County MUD 55	2,734	2,707	2,692	2,633	2,545	2,418

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Region H Water User Group (WUG) Needs/Surplus

Harris County WCID 156	30	32	34	36	38	40
Harris County WCID 50	0	0	0	0	0	0
Harris County WCID 89	2,477	2,484	2,491	2,489	2,488	2,486
Houston	692	(9,386)	(11,453)	(12,487)	(13,633)	(14,857)
Kirkmont MUD	0	0	0	0	0	0
La Porte	3,329	3,372	3,421	3,388	3,343	3,289
League City	158	125	95	71	57	46
Morgans Point	395	386	378	369	362	355
Nassau Bay	1,253	1,247	1,251	1,234	1,223	1,210
Pasadena	25	35	57	47	48	52
Pearland	527	499	439	291	121	0
Sagemeadow UD	325	282	237	169	97	20
Seabrook	66	64	66	38	13	(16)
Shoreacres	72	72	73	69	64	60
Webster	1,046	793	615	431	310	211
County-Other	(224)	(348)	(320)	(35)	(191)	(338)
Manufacturing	27,236	16,720	16,720	16,720	16,720	16,720
Mining	(176)	(175)	(172)	(170)	(169)	(167)
Steam Electric Power	(169)	(169)	(169)	(169)	(169)	(169)
Harris COUNTY - Trinity-San Jacinto BASIN						
Baytown	2,940	2,985	2,975	2,852	2,607	2,331
Country Terrace Water	15	10	5	(1)	(8)	(15)
Harris County FWSD 1-A	68	64	59	54	47	41
Harris County FWSD 27	51	42	32	21	10	(3)
Harris County WCID 1	0	0	0	0	0	0
Houston	17	0	(11)	(15)	(17)	(20)
Lake MUD	854	845	851	854	854	855
Spring Meadows MUD	0	0	0	0	0	0
County-Other	(676)	(1,013)	(1,444)	(1,751)	(2,033)	(2,313)
Manufacturing	(7,404)	(20,900)	(21,962)	(22,731)	(21,907)	(20,903)
Mining	(148)	(147)	(144)	(142)	(141)	(140)
Livestock	(101)	(101)	(101)	(101)	(101)	(101)
Irrigation	2,420	2,420	2,420	2,420	2,420	2,420
Leon COUNTY - Brazos BASIN						
Concord-Robbins WSC	0	0	0	0	0	0
Hilltop Lakes WSC	0	0	0	0	0	0
Jewett	0	0	0	0	0	0
Normangee	0	0	0	0	0	0
Southeast WSC	0	0	0	0	0	0
County-Other	0	0	0	0	0	0
Mining	0	(24)	0	0	0	0
Livestock	0	0	0	0	0	0
Irrigation	0	0	0	0	0	0
Leon COUNTY - Trinity BASIN						
Buffalo	0	0	0	0	0	0
Centerville	0	0	0	0	0	0
Concord-Robbins WSC	0	0	0	0	0	0
Flo Community WSC*	0	0	0	0	0	0
Jewett	0	0	0	0	0	0
Normangee	0	0	0	0	0	0

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Region H Water User Group (WUG) Needs/Surplus

Southeast WSC	0	0	0	0	0	0
County-Other	0	0	0	0	0	0
Manufacturing	58	(143)	(143)	(143)	(143)	(143)
Mining	0	(55)	0	0	0	0
Livestock	0	0	0	0	0	0
Irrigation	0	0	0	0	0	0
Liberty COUNTY - Neches BASIN						
Daisetta	0	0	0	0	0	0
Devers	0	0	0	0	0	0
Hardin WSC	0	0	0	0	0	0
Liberty County FWSD 1 Hull	0	0	0	0	0	0
West Hardin WSC*	1	1	1	1	1	1
County-Other	0	0	0	0	0	0
Manufacturing	0	0	0	0	0	0
Mining	0	(2)	(1)	(4)	(7)	(12)
Livestock	(55)	(55)	(55)	(55)	(55)	(55)
Irrigation	(7,644)	(7,644)	(7,644)	(7,644)	(7,644)	(7,644)
Liberty COUNTY - Neches-Trinity BASIN						
County-Other	0	0	0	0	0	0
Mining	0	(1)	0	(2)	(3)	(5)
Livestock	(30)	(30)	(30)	(30)	(30)	(30)
Irrigation	11,853	11,853	11,853	11,853	11,853	11,853
Liberty COUNTY - San Jacinto BASIN						
Cleveland	0	0	0	0	0	0
Mercy WSC	0	0	0	0	0	0
South Cleveland WSC	0	0	0	0	0	0
T & W Water Service	0	0	0	0	0	0
Tarkington SUD	0	0	0	0	0	0
County-Other	0	0	0	0	0	0
Manufacturing	0	0	0	0	0	0
Mining	0	(4)	(2)	(6)	(11)	(18)
Livestock	(94)	(94)	(94)	(94)	(94)	(94)
Irrigation	(1,700)	(1,700)	(1,700)	(1,700)	(1,700)	(1,700)
Liberty COUNTY - Trinity BASIN						
Daisetta	0	0	0	0	0	0
Dayton	0	0	0	0	0	0
Devers	0	0	0	0	0	0
Hardin WSC	0	0	0	0	0	0
Lake Livingston WSC*	80	80	80	81	81	81
Liberty	0	0	0	0	0	0
Liberty County FWSD 1 Hull	0	0	0	0	0	0
T & W Water Service	0	0	0	0	0	0
Tarkington SUD	0	0	0	0	0	0
Woodcreek Water Of Liberty	0	(18)	(40)	(64)	(89)	(116)
County-Other	0	0	0	0	0	0
Manufacturing	0	0	0	0	0	0
Mining	0	(12)	(5)	(17)	(34)	(61)
Livestock	(323)	(323)	(323)	(323)	(323)	(323)
Irrigation	4,740	4,740	4,740	4,740	4,740	4,740

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Region H Water User Group (WUG) Needs/Surplus

Liberty COUNTY - Trinity-San Jacinto BASIN						
Dayton	0	0	0	0	0	0
County-Other	0	0	0	0	0	0
Mining	0	(1)	(1)	(2)	(4)	(6)
Livestock	(36)	(36)	(36)	(36)	(36)	(36)
Irrigation	0	0	0	0	0	0
Madison COUNTY - Brazos BASIN						
Madison County WSC	0	0	0	0	0	0
North Zulch MUD	0	0	0	0	0	0
County-Other	0	0	0	0	0	0
Mining	0	(75)	(31)	0	0	0
Livestock	0	0	0	0	0	0
Irrigation	0	0	0	0	0	0
Madison COUNTY - Trinity BASIN						
Madison County WSC	0	0	0	0	0	0
Madisonville	0	0	0	0	0	0
Normangee	0	0	0	0	0	0
North Zulch MUD	0	0	0	0	0	0
County-Other	0	0	0	0	0	0
Mining	0	(300)	(126)	0	0	0
Livestock	0	0	0	0	0	0
Irrigation	169	169	169	169	169	169
Montgomery COUNTY - San Jacinto BASIN						
Chateau Woods MUD	0	0	0	0	0	0
Cleveland	25	24	21	18	14	9
Conroe	1,577	(701)	(2,777)	(4,736)	(6,895)	(9,223)
Corinthian Point MUD 2	140	70	(9)	(8)	(7)	(7)
Cut & Shoot	0	(11)	(57)	(130)	(235)	(374)
Dobbin Plantersville WSC*	(282)	(480)	(757)	(1,125)	(1,612)	(2,254)
Domestic Water	0	(42)	(91)	(88)	(87)	(86)
East Plantation UD	0	0	0	0	0	0
Far Hills UD	196	99	(11)	(9)	(8)	(8)
Gulf Utility	0	5	6	8	9	10
Harris-Montgomery Counties MUD 386	0	10	16	20	21	21
HMW SUD	0	(149)	(316)	(518)	(515)	(514)
Houston	353	(32)	(457)	(870)	(1,281)	(1,401)
Johnston Water Utility	0	(208)	(445)	(731)	(1,087)	(1,516)
Kings Manor MUD	0	13	13	12	12	11
Lake Bonanza WSC	0	(54)	(117)	(193)	(291)	(410)
Lake Conroe Hills MUD	0	(58)	(125)	(208)	(312)	(439)
Lazy River Improvement District	0	(60)	(128)	(127)	(126)	(126)
Magnolia	129	(72)	(341)	(743)	(1,335)	(2,255)
Montgomery	230	(303)	(580)	(860)	(1,147)	(1,597)
Montgomery County MUD 112	0	(78)	(75)	(74)	(73)	(73)
Montgomery County MUD 115	0	(56)	(119)	(117)	(116)	(116)
Montgomery County MUD 119	0	(217)	(465)	(460)	(459)	(458)
Montgomery County MUD 15	0	(46)	(127)	(208)	(339)	(534)
Montgomery County MUD 18	844	357	62	(236)	(537)	(1,270)
Montgomery County MUD 19	59	72	82	85	82	79
Montgomery County MUD 56	0	(40)	(94)	(153)	(153)	(152)

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Region H Water User Group (WUG) Needs/Surplus

Montgomery County MUD 8	959	942	898	850	797	676
Montgomery County MUD 83	0	(124)	(132)	(142)	(154)	(163)
Montgomery County MUD 84	0	0	0	0	0	0
Montgomery County MUD 88	0	0	0	0	0	0
Montgomery County MUD 89	244	219	188	156	109	92
Montgomery County MUD 9	(32)	(54)	(172)	(294)	(291)	(290)
Montgomery County MUD 95	0	(14)	(42)	(58)	(78)	(97)
Montgomery County MUD 98	70	30	(16)	(14)	(13)	(13)
Montgomery County MUD 99	4	(46)	(103)	(101)	(101)	(101)
Montgomery County UD 2	108	113	108	93	73	46
Montgomery County UD 3	320	246	249	216	154	94
Montgomery County UD 4	310	229	233	180	45	(156)
Montgomery County WCID 1	6	(2)	(16)	(45)	(77)	(118)
MSEC Enterprises	46	(3,183)	(3,615)	(4,174)	(4,898)	(5,309)
New Caney MUD	46	12	(34)	(108)	(216)	(350)
Oak Ridge North	11	1	(25)	(39)	(46)	(48)
Panorama Village	(49)	(50)	(79)	(123)	(187)	(274)
Pinehurst Decker Prairie WSC	3	(12)	(73)	(162)	(301)	(543)
Point Aquarius MUD	552	556	532	497	447	380
Porter SUD	(1,117)	(1,662)	(2,143)	(2,556)	(2,975)	(3,323)
Quadvest	0	(1,442)	(3,155)	(5,199)	(7,707)	(10,406)
Ranch Utilities	0	(36)	(32)	(30)	(30)	(30)
Rayford Road MUD	26	72	(14)	(119)	(239)	(282)
River Plantation MUD	171	141	(48)	(238)	(453)	(529)
Roman Forest Consolidated MUD	0	3	(21)	(54)	(98)	(155)
Shenandoah	(145)	(525)	(680)	(785)	(909)	(1,068)
Southern Montgomery County MUD	173	168	168	161	145	124
Splendora	0	(43)	(178)	(359)	(596)	(898)
Spring Creek UD	0	(66)	(104)	(190)	(305)	(344)
Stanley Lake MUD	370	299	93	(185)	(554)	(1,018)
T & W Water Service	0	(381)	(809)	(1,318)	(1,948)	(2,699)
The Woodlands	1,638	493	(701)	(2,196)	(4,473)	(7,271)
Valley Ranch MUD 1	0	0	0	0	0	0
Westwood North WSC	0	(5)	(56)	(108)	(160)	(235)
White Oak Utilities	43	12	15	17	18	18
White Oak WSC	10	(9)	(6)	(5)	(4)	(4)
Willis	1,596	1,587	1,534	1,448	1,320	1,138
Wood Branch Village	20	19	6	(17)	(46)	(83)
County-Other	(5,095)	(16,814)	(32,479)	(52,735)	(78,715)	(110,797)
Manufacturing	(292)	(570)	(570)	(570)	(570)	(570)
Mining	0	0	0	0	0	0
Steam Electric Power	7,610	7,610	7,610	7,610	7,610	7,610
Livestock	0	0	0	0	0	0
Irrigation	858	858	858	858	858	858
Polk COUNTY - Trinity BASIN						
Lake Livingston WSC*	529	530	529	529	529	529
Leggett WSC	0	0	0	0	0	0
Livingston	3,006	2,735	2,524	2,337	2,177	2,047
Memorial Point UD	10	10	10	10	10	10
Moscow WSC*	8	6	5	3	2	1

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Region H Water User Group (WUG) Needs/Surplus

Onalaska WSC	0	0	0	0	0	0
Providence WSC	0	0	0	0	0	0
Soda WSC*	0	0	0	0	0	0
Tempe WSC 1	0	0	0	0	0	0
County-Other*	12	12	12	12	12	12
Manufacturing*	0	0	0	0	0	0
Mining*	0	0	0	0	11	23
Livestock*	0	0	0	0	0	0
Irrigation*	0	0	0	0	0	0
San Jacinto COUNTY - San Jacinto BASIN						
Mercy WSC	0	0	0	0	0	0
One Five O WSC	0	0	0	0	0	0
P B & S C WSC	0	0	0	0	0	0
San Jacinto SUD	72	72	71	72	72	71
County-Other	0	0	0	0	0	0
Manufacturing	0	0	0	0	0	0
Mining	0	0	0	0	0	0
Livestock	0	0	0	0	0	0
Irrigation	0	0	0	0	0	0
San Jacinto COUNTY - Trinity BASIN						
Cape Royale UD	0	0	0	0	0	0
Dodge Oakhurst WSC	0	0	0	0	0	0
Lake Livingston WSC*	165	165	165	165	165	165
P B & S C WSC	0	0	0	0	0	0
Riverside WSC	0	0	0	0	0	0
San Jacinto SUD	208	208	209	208	208	209
Shepherd	0	0	0	0	0	0
Waterwood MUD 1	336	336	336	336	336	336
County-Other	0	0	0	0	0	0
Mining	0	0	0	0	0	0
Livestock	0	0	0	0	0	0
Irrigation	120	120	120	120	120	120
Trinity COUNTY - Trinity BASIN						
Glendale WSC	39	33	34	39	35	29
Groveton*	310	308	310	310	308	308
Lake Livingston WSC*	120	120	120	120	118	111
Pennington WSC*	14	9	13	17	13	10
Trinity	776	761	771	790	777	758
Trinity Rural WSC	0	0	0	0	0	0
Westwood Shores MUD	350	343	345	351	346	339
County-Other*	20	20	20	20	20	20
Mining*	0	0	0	0	0	0
Livestock*	0	0	0	0	0	0
Irrigation*	34	34	34	34	34	34
Walker COUNTY - San Jacinto BASIN						
Dodge Oakhurst WSC	0	0	0	0	0	0
Huntsville	11,977	11,843	11,759	11,643	11,525	11,420
New Waverly	0	0	0	0	0	0
Phelps SUD	0	0	0	0	0	0
Walker County Rural SUD	0	0	0	0	0	0

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Region H Water User Group (WUG) Needs/Surplus

County-Other	1,600	1,610	1,621	1,625	1,619	1,613
Manufacturing	0	0	0	0	0	0
Mining	0	0	0	0	0	0
Livestock	0	0	0	0	0	0
Irrigation	0	0	0	0	0	0
Walker COUNTY - Trinity BASIN						
Dodge Oakhurst WSC	0	0	0	0	0	0
Huntsville	2,452	2,426	2,408	2,386	2,360	2,340
Lake Livingston WSC*	12	11	12	11	11	11
Phelps SUD	0	0	0	0	0	0
Riverside WSC	10	10	10	10	10	10
The Consolidated WSC*	6	7	8	8	9	9
Trinity Rural WSC	0	0	0	0	0	0
Walker County Rural SUD	0	0	0	0	0	0
County-Other	999	994	996	991	983	976
Manufacturing	337	337	337	337	337	337
Mining	0	0	0	0	0	0
Livestock	0	0	0	0	0	0
Irrigation	0	0	0	0	0	0
Waller COUNTY - Brazos BASIN						
Brookshire MWD	0	0	0	0	0	0
G & W WSC*	0	0	0	(9)	(59)	(113)
Hempstead	0	0	0	0	0	(225)
Pattison WSC	0	0	0	0	0	0
Prairie View	0	0	0	0	0	0
Prairie View A&M University	0	0	0	0	0	0
Quadvest	0	0	0	0	0	0
County-Other	(266)	(511)	(797)	(1,121)	(1,491)	(1,895)
Manufacturing	0	0	0	0	0	0
Mining	0	0	0	0	0	0
Livestock	0	0	0	0	0	0
Irrigation	(18)	(18)	(18)	(18)	(18)	(18)
Waller COUNTY - San Jacinto BASIN						
G & W WSC*	0	0	0	(29)	(182)	(349)
Katy	0	0	0	0	0	0
Oak Hollow Utility	0	0	0	0	0	0
Prairie View	0	0	0	0	0	0
Prairie View A&M University	0	0	0	0	0	0
Waller	0	0	0	0	0	0
White Oak Utilities	0	0	0	0	0	0
County-Other	(369)	(597)	(863)	(1,166)	(1,511)	(1,888)
Manufacturing	16	16	16	16	16	16
Mining	0	0	0	0	0	0
Livestock	0	0	0	0	0	0
Irrigation	0	0	0	0	0	0

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Region H Water User Group (WUG) Second-Tier Identified Water Needs

Second-tier needs are WUG split needs adjusted to include the implementation of recommended demand reduction and direct reuse water management strategies.

	WUG SECOND-TIER NEEDS (ACRE-FEET PER YEAR)					
	2020	2030	2040	2050	2060	2070
Austin COUNTY - Brazos BASIN						
Austin County WSC	0	0	0	0	0	0
Bellville	0	0	0	0	0	0
Sealy	0	0	0	0	0	0
West End WSC*	0	0	0	0	0	0
County-Other	0	69	297	576	894	1,227
Manufacturing	0	0	0	0	0	0
Mining	0	147	99	51	4	0
Livestock	0	0	0	0	0	0
Irrigation	0	0	0	0	0	0
Austin COUNTY - Brazos-Colorado BASIN						
Austin County WSC	0	0	0	0	0	0
Sealy	0	0	0	0	0	0
Wallis	0	0	0	0	0	0
County-Other	0	0	25	97	181	267
Manufacturing	0	0	0	0	0	0
Mining	0	43	29	15	1	0
Livestock	0	0	0	0	0	0
Irrigation	0	0	0	0	0	0
Austin COUNTY - Colorado BASIN						
West End WSC*	0	0	0	0	0	0
County-Other	0	0	0	0	0	0
Mining	0	3	2	1	0	0
Livestock	0	0	0	0	0	0
Brazoria COUNTY - Brazos BASIN						
Brazoria	0	0	0	0	0	0
Freeport	0	0	0	0	0	0
Lake Jackson	0	0	0	0	0	0
Varner Creek UD	0	0	0	0	0	0
West Columbia	0	0	0	0	0	0
County-Other	0	0	0	0	0	189
Manufacturing	0	0	0	0	0	0
Mining	0	31	59	89	122	161
Livestock	0	0	0	0	0	0
Irrigation	0	0	0	0	0	0
Brazoria COUNTY - Brazos-Colorado BASIN						
Brazoria	0	0	0	0	0	0
Freeport	0	0	0	0	0	0
Sweeny	0	0	0	0	0	0
West Columbia	0	0	0	0	0	0
County-Other	0	433	975	1,505	2,061	2,603
Manufacturing	21,772	27,812	27,812	27,812	27,812	27,855
Mining	0	58	110	167	228	306
Livestock	0	0	0	0	0	8
Irrigation	0	0	0	0	0	0

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Region H Water User Group (WUG) Second-Tier Identified Water Needs

	WUG SECOND-TIER NEEDS (ACRE-FEET PER YEAR)					
	2020	2030	2040	2050	2060	2070
Brazoria COUNTY - San Jacinto-Brazos BASIN						
Alvin	0	0	0	0	0	0
Angleton	0	0	0	0	0	0
Brazoria County MUD 2	0	0	0	0	0	0
Brazoria County MUD 21	0	0	0	0	0	0
Brazoria County MUD 25	0	0	0	0	0	0
Brazoria County MUD 29	0	0	0	0	0	0
Brazoria County MUD 3	0	0	0	0	0	0
Brazoria County MUD 31	0	0	0	0	0	0
Brazoria County MUD 6	0	0	0	0	0	0
Clute	0	0	0	0	0	0
Danbury	0	0	0	0	0	0
Freeport	0	0	0	0	0	0
Hillcrest Village	0	0	0	0	0	0
Lake Jackson	0	0	0	0	0	0
Manvel	0	0	0	0	0	0
Oyster Creek	0	0	0	0	0	0
Pearland	0	0	0	0	0	0
Quadvest	0	0	0	0	0	0
Richwood	0	0	0	0	0	0
Sedona Lakes MUD 1	0	0	0	0	0	0
Surfside Beach	0	18	16	14	13	12
TDCJ Ramsey Area	0	0	0	0	0	0
County-Other	0	690	4,014	7,922	12,367	17,196
Manufacturing	0	0	0	0	0	0
Mining	0	132	252	385	524	696
Livestock	0	0	0	0	0	0
Irrigation	38,229	38,229	38,229	38,229	38,229	38,229
Chambers COUNTY - Neches-Trinity BASIN						
Anahuac	0	0	0	0	0	0
Trinity Bay Conservation District	272	501	758	1,021	1,316	1,620
County-Other	0	0	0	0	0	0
Mining	0	0	0	0	0	0
Livestock	0	0	0	0	0	0
Irrigation	0	0	0	0	0	0
Chambers COUNTY - Trinity BASIN						
Anahuac	0	0	0	0	0	0
Mont Belvieu	0	0	325	929	1,580	2,257
Trinity Bay Conservation District	70	130	197	265	342	421
County-Other	0	0	0	0	0	0
Manufacturing	2,753	3,452	3,452	3,452	3,452	3,452
Mining	0	0	0	0	0	0
Livestock	0	0	0	0	0	0
Irrigation	4,695	4,695	4,695	4,695	4,695	4,695
Chambers COUNTY - Trinity-San Jacinto BASIN						
Baytown	0	0	0	0	0	0
Chambers County MUD 1	0	0	0	0	0	0
Mont Belvieu	0	0	98	280	476	679

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Region H Water User Group (WUG) Second-Tier Identified Water Needs

	WUG SECOND-TIER NEEDS (ACRE-FEET PER YEAR)					
	2020	2030	2040	2050	2060	2070
Chambers COUNTY - Trinity-San Jacinto BASIN						
County-Other	0	0	0	0	0	0
Manufacturing	0	0	0	0	0	0
Mining	0	0	0	0	0	0
Steam Electric Power	1,387	1,387	1,387	1,387	1,387	1,387
Livestock	0	0	0	0	0	0
Irrigation	1,616	1,616	1,616	1,616	1,616	1,616
Fort Bend COUNTY - Brazos BASIN						
First Colony MUD 9	0	124	120	119	117	116
Fort Bend County FWSD 2	0	82	101	119	137	154
Fort Bend County MUD 115	0	185	176	172	170	170
Fort Bend County MUD 116	0	309	407	480	555	626
Fort Bend County MUD 121	0	117	115	112	109	104
Fort Bend County MUD 128	0	0	0	0	0	0
Fort Bend County MUD 129	0	305	302	299	296	292
Fort Bend County MUD 140	0	129	126	124	123	121
Fort Bend County MUD 149	0	67	83	76	73	67
Fort Bend County MUD 152	0	55	68	66	65	62
Fort Bend County MUD 155	0	135	168	160	157	152
Fort Bend County MUD 158	0	86	107	103	102	98
Fort Bend County MUD 162	0	96	117	112	109	103
Fort Bend County MUD 187	0	90	86	83	80	77
Fort Bend County MUD 25	0	31	30	30	30	30
Fort Bend County MUD 46	0	0	0	0	0	0
Fort Bend County MUD 5	0	90	84	80	77	73
Fort Bend County MUD 81	0	0	0	0	0	0
Fort Bend County WCID 3	0	200	199	198	197	197
Fulshear	0	270	272	262	255	242
Needville	0	0	0	0	0	0
North Fort Bend Water Authority	0	0	0	0	0	0
Pecan Grove MUD 1	0	0	0	0	0	0
Plantation MUD	0	91	81	73	70	65
Quadvest	0	157	228	309	406	506
Richmond	0	412	430	488	551	584
Rosenberg	0	0	0	0	0	0
Royal Valley Utilities	0	256	321	317	314	311
Sienna Plantation	0	0	0	0	0	0
Sugar Land	0	4,383	4,908	5,538	6,028	6,395
TDCJ Jester Units	0	146	144	142	142	141
County-Other	582	4,731	4,648	5,751	7,255	8,387
Manufacturing	194	949	949	949	949	949
Mining	0	0	0	0	0	0
Steam Electric Power	0	0	0	0	0	0
Livestock	0	0	0	0	0	0
Irrigation	0	0	0	0	0	0
Fort Bend COUNTY - Brazos-Colorado BASIN						
Kendleton	0	0	0	0	0	0
Needville	0	0	0	0	0	0

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Region H Water User Group (WUG) Second-Tier Identified Water Needs

	WUG SECOND-TIER NEEDS (ACRE-FEET PER YEAR)					
	2020	2030	2040	2050	2060	2070
Fort Bend COUNTY - Brazos-Colorado BASIN						
Rosenberg	0	0	0	0	0	0
County-Other	0	0	913	3,099	6,296	10,892
Mining	0	0	0	0	0	0
Livestock	0	0	0	0	0	0
Irrigation	0	0	0	0	0	0
Fort Bend COUNTY - San Jacinto BASIN						
Blue Ridge West MUD	0	275	266	261	256	247
Fort Bend County WCID 2	0	640	796	951	1,105	1,265
Fulshear	0	65	106	102	101	95
Houston	0	225	514	545	609	652
Katy	0	1,636	1,601	1,578	1,562	1,545
Meadows Place	0	156	150	150	154	158
North Fort Bend Water Authority	0	16,331	21,401	23,747	24,993	25,148
Sugar Land	0	149	158	171	179	181
West Harris County Regional Water Authority	0	0	0	0	0	0
County-Other	93	189	183	153	105	69
Manufacturing	62	137	137	137	137	137
Livestock	0	0	0	0	0	0
Irrigation	0	0	0	0	0	0
Fort Bend COUNTY - San Jacinto-Brazos BASIN						
Blue Ridge West MUD	0	23	23	22	22	22
First Colony MUD 9	0	396	387	380	376	370
Fort Bend County FWSD 1	0	30	35	40	45	50
Fort Bend County MUD 115	0	98	92	90	90	89
Fort Bend County MUD 23	0	365	380	392	406	412
Fort Bend County MUD 24	0	50	62	58	56	52
Fort Bend County MUD 25	0	225	220	218	223	223
Fort Bend County MUD 26	0	227	293	285	279	271
Fort Bend County MUD 42	0	330	323	317	313	309
Fort Bend County MUD 46	0	0	0	0	0	0
Fort Bend County MUD 47	0	0	0	0	0	0
Fort Bend County MUD 48	0	106	103	100	97	93
Fort Bend County MUD 49	0	80	77	75	75	74
Fort Bend County WCID 2	0	2,245	2,870	3,491	4,109	4,754
Fort Bend County WCID 3	0	21	21	21	21	21
Fulshear	0	625	615	585	565	526
Houston	0	145	330	351	392	421
Meadowcreek MUD	0	146	143	139	137	133
Meadows Place	0	16	15	16	16	16
Missouri City	0	193	201	208	219	226
North Fort Bend Water Authority	0	7,777	11,923	14,032	15,150	15,327
Palmer Plantation MUD 1	0	200	196	193	192	190
Palmer Plantation MUD 2	0	94	91	89	87	84
Pearland	0	0	0	0	0	0
Pecan Grove MUD 1	0	0	0	0	0	0
Quail Valley UD	0	0	56	12	0	0
Sienna Plantation	0	0	0	0	0	0

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Region H Water User Group (WUG) Second-Tier Identified Water Needs

	WUG SECOND-TIER NEEDS (ACRE-FEET PER YEAR)					
	2020	2030	2040	2050	2060	2070
Fort Bend COUNTY - San Jacinto-Brazos BASIN						
Sugar Land	0	1,446	1,171	1,358	1,472	1,527
TDCJ Jester Units	0	216	215	213	212	210
Thunderbird UD	0	462	449	441	437	431
County-Other	0	0	0	0	556	1,302
Manufacturing	0	0	0	0	0	0
Mining	4	10	7	5	4	2
Livestock	0	0	0	0	0	0
Irrigation	0	0	0	0	0	0
Galveston COUNTY - Neches-Trinity BASIN						
Bolivar Peninsula SUD	0	0	0	0	0	0
County-Other	4	5	6	8	11	12
Mining	70	76	83	89	95	103
Livestock	53	53	53	53	53	53
Irrigation	0	0	0	0	0	0
Galveston COUNTY - San Jacinto-Brazos BASIN						
Bacliff MUD	0	0	0	0	0	0
Bayview MUD	0	0	0	0	0	0
Friendswood	0	0	0	0	0	0
Galveston	0	0	0	0	0	0
Galveston County FWSD 6	31	20	17	15	15	14
Galveston County MUD 12	0	0	0	0	0	0
Galveston County WCID 1	0	0	0	87	282	444
Galveston County WCID 12	716	1,066	1,091	1,120	1,153	1,181
Galveston County WCID 8	0	0	0	0	0	0
Hitchcock	0	0	0	0	0	0
Jamaica Beach	0	0	0	0	0	0
La Marque	391	371	217	77	0	0
League City	0	0	0	0	0	0
San Leon MUD	0	0	0	0	0	0
Texas City	0	0	0	0	0	0
County-Other	996	856	781	703	633	554
Manufacturing	138	0	0	0	0	0
Mining	273	292	322	348	373	397
Livestock	184	184	184	184	184	184
Irrigation	2,765	2,765	2,765	2,765	2,765	2,765
Harris COUNTY - San Jacinto BASIN						
Baker Road MUD	0	84	139	138	137	137
Baytown	0	0	0	0	0	0
Bellaire	0	0	0	0	0	0
Blue Bell Manor Utility	0	171	316	338	366	387
Bunker Hill Village	0	0	0	0	0	0
Central Harris County Regional Water Authority	0	718	1,960	2,045	2,155	2,224
Chimney Hill MUD	0	0	0	0	0	0
Crosby MUD	0	0	0	0	0	0
Deer Park	0	0	0	0	0	0
Douglas Utility	0	56	93	92	92	93
El Dorado UD	0	94	167	166	166	162

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Region H Water User Group (WUG) Second-Tier Identified Water Needs

	WUG SECOND-TIER NEEDS (ACRE-FEET PER YEAR)					
	2020	2030	2040	2050	2060	2070
Harris COUNTY - San Jacinto BASIN						
Forest Hills MUD	0	71	152	143	139	135
Fort Bend County WCID 2	0	118	262	309	358	409
Galena Park	0	0	0	0	0	0
Green Trails MUD	0	164	287	288	288	288
Greenwood UD	0	0	0	0	0	0
Harris County FWSD 58	0	112	208	224	240	255
Harris County MUD 106	0	366	675	682	684	690
Harris County MUD 11	0	46	113	115	122	126
Harris County MUD 119	0	103	218	218	224	227
Harris County MUD 122	2	21	41	37	35	33
Harris County MUD 132	0	269	463	463	462	461
Harris County MUD 148	0	0	0	0	0	0
Harris County MUD 151	0	280	490	485	483	480
Harris County MUD 152	0	285	520	531	541	545
Harris County MUD 153	0	332	581	573	568	564
Harris County MUD 154	0	260	464	471	487	501
Harris County MUD 158	0	0	0	0	0	0
Harris County MUD 180	0	136	251	238	227	215
Harris County MUD 189	0	101	182	192	202	213
Harris County MUD 216	0	38	65	61	58	55
Harris County MUD 221	0	133	238	247	256	262
Harris County MUD 23	0	0	0	0	0	0
Harris County MUD 278	0	0	0	0	0	0
Harris County MUD 290	0	183	349	358	365	364
Harris County MUD 321	0	0	0	0	0	0
Harris County MUD 342	0	0	0	0	0	0
Harris County MUD 344	0	0	0	0	0	0
Harris County MUD 345	0	229	396	388	386	383
Harris County MUD 36	0	114	190	187	187	188
Harris County MUD 361	0	0	0	0	0	0
Harris County MUD 372	0	0	0	0	0	0
Harris County MUD 400	0	378	695	739	762	770
Harris County MUD 412	0	0	0	0	0	0
Harris County MUD 420	0	0	0	0	0	0
Harris County MUD 46	0	154	265	259	257	254
Harris County MUD 49	0	0	0	0	0	0
Harris County MUD 5	0	0	0	0	0	0
Harris County MUD 50	0	0	0	0	0	0
Harris County MUD 58	0	75	135	131	131	129
Harris County MUD 6	0	78	171	164	161	156
Harris County MUD 8	0	0	0	0	0	0
Harris County MUD 96	0	0	0	0	0	0
Harris County UD 14	0	68	126	135	147	167
Harris County UD 15	0	155	300	297	300	304
Harris County WCID 1	0	0	0	0	0	0
Harris County WCID 133	0	165	300	326	363	401
Harris County WCID 70	0	60	101	95	91	84

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Region H Water User Group (WUG) Second-Tier Identified Water Needs

	WUG SECOND-TIER NEEDS (ACRE-FEET PER YEAR)					
	2020	2030	2040	2050	2060	2070
Harris COUNTY - San Jacinto BASIN						
Harris County WCID 74	0	143	240	228	226	221
Harris County WCID 96	0	0	0	0	0	0
Harris County WCID-Fondren Road	0	0	0	0	0	0
Hilshire Village	0	0	0	0	0	0
HMW SUD	0	139	289	353	333	313
Houston	0	33,727	82,195	95,154	112,780	130,077
Humble	0	0	0	0	0	0
Jacinto City	0	0	0	0	0	0
Jersey Village	0	0	0	0	0	0
Katy	0	902	1,616	1,666	1,717	1,764
Kings Manor MUD	0	0	0	0	0	0
La Porte	0	0	0	0	0	0
Lake MUD	0	0	0	0	0	0
Longhorn Town UD	0	91	158	156	155	155
Luce Bayou PUD	0	37	70	67	63	62
Mason Creek UD	0	357	616	608	603	597
Memorial Villages Water Authority	2,069	2,388	2,758	3,168	3,623	4,108
Morgans Point	0	0	0	0	0	0
Mount Houston Road MUD	0	235	455	505	541	562
Newport MUD	0	0	0	0	0	0
North Belt UD	0	121	220	226	236	245
North Channel Water Authority	0	0	0	0	0	0
North Forest MUD	0	37	66	57	51	43
North Fort Bend Water Authority	0	0	0	0	0	0
North Green MUD	0	123	215	214	218	220
North Harris County Regional Water Authority	0	37,548	65,909	67,771	70,388	71,779
Northwest Harris County MUD 16	0	140	238	232	230	225
Parkway MUD	0	0	0	0	0	0
Pasadena	0	0	0	0	0	0
Pine Village PUD	0	0	0	0	0	0
Pinewood Community	0	30	51	49	48	47
Quadvest	0	73	163	213	278	342
Rolling Fork PUD	0	64	148	145	143	141
Sequoia Improvement District	0	43	80	77	77	75
South Houston	0	0	0	0	0	0
Southern Water	0	128	214	207	203	198
Southside Place	0	0	0	0	0	0
Southwest Harris County MUD 1	0	0	0	0	0	0
Spring Valley	0	0	0	0	0	0
Suburban Utility	0	71	130	124	121	116
Sunbelt FWSD	0	0	0	0	0	0
The Commons Water Supply	0	112	204	211	214	215
The Woodlands	0	1,260	2,367	2,561	2,700	2,795
Tomball	0	846	1,546	1,594	1,666	1,710
Trail of the Lakes MUD	0	269	477	473	472	465
Waller	0	0	0	0	0	0
West Harris County MUD 6	0	109	192	199	205	208

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Region H Water User Group (WUG) Second-Tier Identified Water Needs

	WUG SECOND-TIER NEEDS (ACRE-FEET PER YEAR)					
	2020	2030	2040	2050	2060	2070
Harris COUNTY - San Jacinto BASIN						
West Harris County Regional Water Authority	0	11,961	28,679	30,962	31,522	31,359
West University Place	0	0	0	0	0	0
Woodcreek MUD	0	96	167	164	163	164
County-Other	0	4,781	8,390	8,535	10,825	12,806
Manufacturing	0	0	0	0	0	0
Mining	2,622	2,605	2,559	2,531	2,508	2,491
Steam Electric Power	3,412	3,412	3,412	3,412	3,412	3,412
Livestock	383	766	1,022	1,022	1,022	1,022
Irrigation	0	0	0	0	0	0
Harris COUNTY - San Jacinto-Brazos BASIN						
Baybrook MUD 1	0	0	0	0	0	0
Clear Brook City MUD	0	0	0	0	0	0
Clear Lake City Water Authority	0	0	0	0	0	0
Deer Park	0	0	0	0	0	0
Friendswood	0	0	0	0	0	0
Harris County MUD 55	0	0	0	0	0	0
Harris County WCID 156	0	0	0	0	0	0
Harris County WCID 50	0	0	0	0	0	0
Harris County WCID 89	0	0	0	0	0	0
Houston	0	8,284	9,927	10,491	11,222	11,933
Kirkmont MUD	0	0	0	0	0	0
La Porte	0	0	0	0	0	0
League City	0	0	0	0	0	0
Morgans Point	0	0	0	0	0	0
Nassau Bay	0	0	0	0	0	0
Pasadena	0	0	0	0	0	0
Pearland	0	0	0	0	0	0
Sagemeadow UD	0	0	0	0	0	0
Seabrook	0	0	0	0	0	0
Shoreacres	0	0	0	0	0	0
Webster	0	0	0	0	0	0
County-Other	216	322	294	33	179	303
Manufacturing	0	0	0	0	0	0
Mining	176	175	172	170	169	167
Steam Electric Power	169	169	169	169	169	169
Harris COUNTY - Trinity-San Jacinto BASIN						
Baytown	0	0	0	0	0	0
Country Terrace Water	0	0	0	0	0	0
Harris County FWSD 1-A	0	0	0	0	0	0
Harris County FWSD 27	0	0	0	0	0	0
Harris County WCID 1	0	0	0	0	0	0
Houston	0	0	7	9	10	11
Lake MUD	0	0	0	0	0	0
Spring Meadows MUD	0	0	0	0	0	0
County-Other	615	891	1,262	1,504	1,738	1,944
Manufacturing	7,404	20,900	21,962	22,731	21,907	20,903
Mining	148	147	144	142	141	140

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Region H Water User Group (WUG) Second-Tier Identified Water Needs

	WUG SECOND-TIER NEEDS (ACRE-FEET PER YEAR)					
	2020	2030	2040	2050	2060	2070
Harris COUNTY - Trinity-San Jacinto BASIN						
Livestock	101	101	101	101	101	101
Irrigation	0	0	0	0	0	0
Leon COUNTY - Brazos BASIN						
Concord-Robbins WSC	0	0	0	0	0	0
Hilltop Lakes WSC	0	0	0	0	0	0
Jewett	0	0	0	0	0	0
Normangee	0	0	0	0	0	0
Southeast WSC	0	0	0	0	0	0
County-Other	0	0	0	0	0	0
Mining	0	24	0	0	0	0
Livestock	0	0	0	0	0	0
Irrigation	0	0	0	0	0	0
Leon COUNTY - Trinity BASIN						
Buffalo	0	0	0	0	0	0
Centerville	0	0	0	0	0	0
Concord-Robbins WSC	0	0	0	0	0	0
Flo Community WSC*	0	0	0	0	0	0
Jewett	0	0	0	0	0	0
Normangee	0	0	0	0	0	0
Southeast WSC	0	0	0	0	0	0
County-Other	0	0	0	0	0	0
Manufacturing	0	143	143	143	143	143
Mining	0	55	0	0	0	0
Livestock	0	0	0	0	0	0
Irrigation	0	0	0	0	0	0
Liberty COUNTY - Neches BASIN						
Daisetta	0	0	0	0	0	0
Devers	0	0	0	0	0	0
Hardin WSC	0	0	0	0	0	0
Liberty County FWSD 1 Hull	0	0	0	0	0	0
West Hardin WSC*	0	0	0	0	0	0
County-Other	0	0	0	0	0	0
Manufacturing	0	0	0	0	0	0
Mining	0	2	1	4	7	12
Livestock	55	55	55	55	55	55
Irrigation	3,905	3,905	3,905	3,905	3,905	3,905
Liberty COUNTY - Neches-Trinity BASIN						
County-Other	0	0	0	0	0	0
Mining	0	1	0	2	3	5
Livestock	30	30	30	30	30	30
Irrigation	0	0	0	0	0	0
Liberty COUNTY - San Jacinto BASIN						
Cleveland	0	0	0	0	0	0
Mercy WSC	0	0	0	0	0	0
South Cleveland WSC	0	0	0	0	0	0
T & W Water Service	0	0	0	0	0	0
Tarkington SUD	0	0	0	0	0	0

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Region H Water User Group (WUG) Second-Tier Identified Water Needs

	WUG SECOND-TIER NEEDS (ACRE-FEET PER YEAR)					
	2020	2030	2040	2050	2060	2070
Liberty COUNTY - San Jacinto BASIN						
County-Other	0	0	0	0	0	0
Manufacturing	0	0	0	0	0	0
Mining	0	4	2	6	11	18
Livestock	94	94	94	94	94	94
Irrigation	710	710	710	710	710	710
Liberty COUNTY - Trinity BASIN						
Daisetta	0	0	0	0	0	0
Dayton	0	0	0	0	0	0
Devers	0	0	0	0	0	0
Hardin WSC	0	0	0	0	0	0
Lake Livingston WSC*	0	0	0	0	0	0
Liberty	0	0	0	0	0	0
Liberty County FWSD 1 Hull	0	0	0	0	0	0
T & W Water Service	0	0	0	0	0	0
Tarkington SUD	0	0	0	0	0	0
Woodcreek Water Of Liberty	0	1	20	39	60	79
County-Other	0	0	0	0	0	0
Manufacturing	0	0	0	0	0	0
Mining	0	12	5	17	34	61
Livestock	323	323	323	323	323	323
Irrigation	0	0	0	0	0	0
Liberty COUNTY - Trinity-San Jacinto BASIN						
Dayton	0	0	0	0	0	0
County-Other	0	0	0	0	0	0
Mining	0	1	1	2	4	6
Livestock	36	36	36	36	36	36
Irrigation	0	0	0	0	0	0
Madison COUNTY - Brazos BASIN						
Madison County WSC	0	0	0	0	0	0
North Zulch MUD	0	0	0	0	0	0
County-Other	0	0	0	0	0	0
Mining	0	75	31	0	0	0
Livestock	0	0	0	0	0	0
Irrigation	0	0	0	0	0	0
Madison COUNTY - Trinity BASIN						
Madison County WSC	0	0	0	0	0	0
Madisonville	0	0	0	0	0	0
Normangee	0	0	0	0	0	0
North Zulch MUD	0	0	0	0	0	0
County-Other	0	0	0	0	0	0
Mining	0	300	126	0	0	0
Livestock	0	0	0	0	0	0
Irrigation	0	0	0	0	0	0
Montgomery COUNTY - San Jacinto BASIN						
Chateau Woods MUD	0	0	0	0	0	0
Cleveland	0	0	0	0	0	0
Conroe	0	70	1,966	3,715	5,634	7,681

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Region H Water User Group (WUG) Second-Tier Identified Water Needs

	WUG SECOND-TIER NEEDS (ACRE-FEET PER YEAR)					
	2020	2030	2040	2050	2060	2070
Montgomery COUNTY - San Jacinto BASIN						
Corinthian Point MUD 2	0	0	0	0	0	0
Cut & Shoot	0	0	30	94	188	306
Dobbin Plantersville WSC*	258	432	683	1,008	1,462	2,059
Domestic Water	0	31	76	70	67	63
East Plantation UD	0	0	0	0	0	0
Far Hills UD	0	0	0	0	0	0
Gulf Utility	0	0	0	0	0	0
Harris-Montgomery Counties MUD 386	0	0	0	0	0	0
HMW SUD	0	97	249	423	380	336
Houston	0	0	303	635	964	1,023
Johnston Water Utility	0	180	408	682	1,023	1,432
Kings Manor MUD	0	0	0	0	0	0
Lake Bonanza WSC	0	40	98	167	256	359
Lake Conroe Hills MUD	0	39	95	163	248	354
Lazy River Improvement District	0	52	117	115	113	112
Magnolia	0	19	270	650	1,213	2,081
Montgomery	0	249	505	766	1,037	1,467
Montgomery County MUD 112	0	66	62	60	58	57
Montgomery County MUD 115	0	46	106	102	100	98
Montgomery County MUD 119	0	183	419	408	404	398
Montgomery County MUD 15	0	17	92	162	279	448
Montgomery County MUD 18	0	0	0	129	413	1,110
Montgomery County MUD 19	0	0	0	0	0	0
Montgomery County MUD 56	0	32	84	141	140	137
Montgomery County MUD 8	0	0	0	0	0	0
Montgomery County MUD 83	0	108	114	122	132	138
Montgomery County MUD 84	0	0	0	0	0	0
Montgomery County MUD 88	0	0	0	0	0	0
Montgomery County MUD 89	0	0	0	0	0	0
Montgomery County MUD 9	0	0	106	211	199	185
Montgomery County MUD 95	0	5	30	44	62	78
Montgomery County MUD 98	0	0	0	0	0	0
Montgomery County MUD 99	0	30	78	70	65	60
Montgomery County UD 2	0	0	0	0	0	0
Montgomery County UD 3	0	0	0	0	0	0
Montgomery County UD 4	0	0	0	0	0	73
Montgomery County WCID 1	0	0	0	20	47	79
MSEC Enterprises	0	2,919	3,281	3,762	4,393	4,699
New Caney MUD	0	0	0	29	132	258
Oak Ridge North	0	0	0	1	7	9
Panorama Village	33	27	54	93	152	231
Pinehurst Decker Prairie WSC	0	10	68	154	289	523
Point Aquarius MUD	0	0	0	0	0	0
Porter SUD	1,117	1,662	2,143	2,556	2,975	3,323
Quadvest	0	1,189	2,806	4,694	6,981	9,382
Ranch Utilities	0	27	22	18	17	15
Rayford Road MUD	0	0	0	36	143	166

*A single asterisk next to a WUG's name denotes that the WUG is split by two or more planning regions.

Region H Water User Group (WUG) Second-Tier Identified Water Needs

	WUG SECOND-TIER NEEDS (ACRE-FEET PER YEAR)					
	2020	2030	2040	2050	2060	2070
Montgomery COUNTY - San Jacinto BASIN						
River Plantation MUD	0	0	0	148	354	422
Roman Forest Consolidated MUD	0	0	7	37	78	129
Shenandoah	112	463	597	691	810	969
Southern Montgomery County MUD	0	0	0	0	0	0
Splendor	0	0	73	206	382	582
Spring Creek UD	0	10	39	111	204	180
Stanley Lake MUD	0	0	0	126	475	910
T & W Water Service	0	315	725	1,207	1,797	2,448
The Woodlands	0	0	196	1,523	3,584	6,093
Valley Ranch MUD 1	0	0	0	0	0	0
Westwood North WSC	0	0	32	79	127	196
White Oak Utilities	0	0	0	0	0	0
White Oak WSC	0	4	0	0	0	0
Willis	0	0	0	0	0	0
Wood Branch Village	0	0	0	17	46	83
County-Other	4,416	14,491	28,088	45,491	67,799	94,649
Manufacturing	292	570	570	570	570	570
Mining	0	0	0	0	0	0
Steam Electric Power	0	0	0	0	0	0
Livestock	0	0	0	0	0	0
Irrigation	0	0	0	0	0	0
Polk COUNTY - Trinity BASIN						
Lake Livingston WSC*	0	0	0	0	0	0
Leggett WSC	0	0	0	0	0	0
Livingston	0	0	0	0	0	0
Memorial Point UD	0	0	0	0	0	0
Moscow WSC*	0	0	0	0	0	0
Onalaska WSC	0	0	0	0	0	0
Providence WSC	0	0	0	0	0	0
Soda WSC*	0	0	0	0	0	0
Tempe WSC 1	0	0	0	0	0	0
County-Other*	0	0	0	0	0	0
Manufacturing*	0	0	0	0	0	0
Mining*	0	0	0	0	0	0
Livestock*	0	0	0	0	0	0
Irrigation*	0	0	0	0	0	0
San Jacinto COUNTY - San Jacinto BASIN						
Mercy WSC	0	0	0	0	0	0
One Five O WSC	0	0	0	0	0	0
P B & S C WSC	0	0	0	0	0	0
San Jacinto SUD	0	0	0	0	0	0
County-Other	0	0	0	0	0	0
Manufacturing	0	0	0	0	0	0
Mining	0	0	0	0	0	0
Livestock	0	0	0	0	0	0
Irrigation	0	0	0	0	0	0

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Region H Water User Group (WUG) Second-Tier Identified Water Needs

	WUG SECOND-TIER NEEDS (ACRE-FEET PER YEAR)					
	2020	2030	2040	2050	2060	2070
San Jacinto COUNTY - Trinity BASIN						
Cape Royale UD	0	0	0	0	0	0
Dodge Oakhurst WSC	0	0	0	0	0	0
Lake Livingston WSC*	0	0	0	0	0	0
P B & S C WSC	0	0	0	0	0	0
Riverside WSC	0	0	0	0	0	0
San Jacinto SUD	0	0	0	0	0	0
Shepherd	0	0	0	0	0	0
Waterwood MUD 1	0	0	0	0	0	0
County-Other	0	0	0	0	0	0
Mining	0	0	0	0	0	0
Livestock	0	0	0	0	0	0
Irrigation	0	0	0	0	0	0
Trinity COUNTY - Trinity BASIN						
Glendale WSC	0	0	0	0	0	0
Groveton*	0	0	0	0	0	0
Lake Livingston WSC*	0	0	0	0	0	0
Pennington WSC*	0	0	0	0	0	0
Trinity	0	0	0	0	0	0
Trinity Rural WSC	0	0	0	0	0	0
Westwood Shores MUD	0	0	0	0	0	0
County-Other*	0	0	0	0	0	0
Mining*	0	0	0	0	0	0
Livestock*	0	0	0	0	0	0
Irrigation*	0	0	0	0	0	0
Walker COUNTY - San Jacinto BASIN						
Dodge Oakhurst WSC	0	0	0	0	0	0
Huntsville	0	0	0	0	0	0
New Waverly	0	0	0	0	0	0
Phelps SUD	0	0	0	0	0	0
Walker County Rural SUD	0	0	0	0	0	0
County-Other	0	0	0	0	0	0
Manufacturing	0	0	0	0	0	0
Mining	0	0	0	0	0	0
Livestock	0	0	0	0	0	0
Irrigation	0	0	0	0	0	0
Walker COUNTY - Trinity BASIN						
Dodge Oakhurst WSC	0	0	0	0	0	0
Huntsville	0	0	0	0	0	0
Lake Livingston WSC*	0	0	0	0	0	0
Phelps SUD	0	0	0	0	0	0
Riverside WSC	0	0	0	0	0	0
The Consolidated WSC*	0	0	0	0	0	0
Trinity Rural WSC	0	0	0	0	0	0
Walker County Rural SUD	0	0	0	0	0	0
County-Other	0	0	0	0	0	0
Manufacturing	0	0	0	0	0	0
Mining	0	0	0	0	0	0

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Region H Water User Group (WUG) Second-Tier Identified Water Needs

	WUG SECOND-TIER NEEDS (ACRE-FEET PER YEAR)					
	2020	2030	2040	2050	2060	2070
Walker COUNTY - Trinity BASIN						
Livestock	0	0	0	0	0	0
Irrigation	0	0	0	0	0	0
Waller COUNTY - Brazos BASIN						
Brookshire MWD	0	0	0	0	0	0
G & W WSC*	0	0	0	0	33	79
Hempstead	0	0	0	0	0	105
Pattison WSC	0	0	0	0	0	0
Prairie View	0	0	0	0	0	0
Prairie View A&M University	0	0	0	0	0	0
Quadvest	0	0	0	0	0	0
County-Other	212	417	679	970	1,304	1,649
Manufacturing	0	0	0	0	0	0
Mining	0	0	0	0	0	0
Livestock	0	0	0	0	0	0
Irrigation	0	0	0	0	0	0
Waller COUNTY - San Jacinto BASIN						
G & W WSC*	0	0	0	0	102	245
Katy	0	0	0	0	0	0
Oak Hollow Utility	0	0	0	0	0	0
Prairie View	0	0	0	0	0	0
Prairie View A&M University	0	0	0	0	0	0
Waller	0	0	0	0	0	0
White Oak Utilities	0	0	0	0	0	0
County-Other	320	510	754	1,025	1,335	1,659
Manufacturing	0	0	0	0	0	0
Mining	0	0	0	0	0	0
Livestock	0	0	0	0	0	0
Irrigation	0	0	0	0	0	0

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Region H Water User Group (WUG) Second-Tier Identified Water Needs Summary

Second-tier needs are WUG split needs adjusted to include the implementation of recommended demand reduction and direct reuse water management strategies.

WUG CATEGORY	NEEDS (ACRE-FEET PER YEAR)					
	2020	2030	2040	2050	2060	2070
Municipal	5,071	158,189	282,939	318,404	358,563	395,508
COUNTY-OTHER	7,454	28,385	51,309	77,372	113,539	155,708
Manufacturing	32,615	53,963	55,025	55,794	54,970	54,009
Mining	3,293	4,193	4,004	4,024	4,228	4,565
Steam Electric Power	4,968	4,968	4,968	4,968	4,968	4,968
Livestock	1,259	1,642	1,898	1,898	1,898	1,906
Irrigation	51,920	51,920	51,920	51,920	51,920	51,920

Region H Water User Group (WUG) Data Comparison to 2016 Regional Water Plan (RWP)

	2020 PLANNING DECADE			2070 PLANNING DECADE		
	2016 RWP	2021 RWP	DIFFERENCE (%)	2016 RWP	2021 RWP	DIFFERENCE (%)
Austin COUNTY COUNTY-OTHER WUG TYPE						
EXISTING WUG SUPPLY TOTAL (acre-feet per year)	2,332	2,054	-11.9%	3,578	2,186	-38.9%
PROJECTED DEMAND TOTAL (acre-feet per year)	2,332	2,054	-11.9%	4,839	4,363	-9.8%
WATER SUPPLY NEEDS TOTAL (acre-feet per year)*	0	0	0.0%	1,261	2,177	72.6%
Austin COUNTY Irrigation WUG TYPE						
EXISTING WUG SUPPLY TOTAL (acre-feet per year)	6,478	6,007	-7.3%	6,478	6,007	-7.3%
PROJECTED DEMAND TOTAL (acre-feet per year)	6,478	6,007	-7.3%	6,478	6,007	-7.3%
WATER SUPPLY NEEDS TOTAL (acre-feet per year)*	0	0	0.0%	0	0	0.0%
Austin COUNTY Livestock WUG TYPE						
EXISTING WUG SUPPLY TOTAL (acre-feet per year)	1,523	1,108	-27.2%	1,523	1,108	-27.2%
PROJECTED DEMAND TOTAL (acre-feet per year)	1,523	1,108	-27.2%	1,523	1,108	-27.2%
WATER SUPPLY NEEDS TOTAL (acre-feet per year)*	0	0	0.0%	0	0	0.0%
Austin COUNTY Manufacturing WUG TYPE						
EXISTING WUG SUPPLY TOTAL (acre-feet per year)	108	106	-1.9%	117	114	-2.6%
PROJECTED DEMAND TOTAL (acre-feet per year)	108	106	-1.9%	158	114	-27.8%
WATER SUPPLY NEEDS TOTAL (acre-feet per year)*	0	0	0.0%	41	0	-100.0%
Austin COUNTY Mining WUG TYPE						
EXISTING WUG SUPPLY TOTAL (acre-feet per year)	127	127	0.0%	90	90	0.0%
PROJECTED DEMAND TOTAL (acre-feet per year)	127	127	0.0%	90	90	0.0%
WATER SUPPLY NEEDS TOTAL (acre-feet per year)*	0	0	0.0%	0	0	0.0%
Austin COUNTY Municipal WUG TYPE						
EXISTING WUG SUPPLY TOTAL (acre-feet per year)	2,966	3,113	5.0%	4,471	4,904	9.7%
PROJECTED DEMAND TOTAL (acre-feet per year)	2,989	3,113	4.1%	4,706	4,904	4.2%
WATER SUPPLY NEEDS TOTAL (acre-feet per year)*	23	0	-100.0%	235	0	-100.0%
Brazoria COUNTY COUNTY-OTHER WUG TYPE						
EXISTING WUG SUPPLY TOTAL (acre-feet per year)	13,652	15,250	11.7%	13,126	18,330	39.6%
PROJECTED DEMAND TOTAL (acre-feet per year)	16,734	15,250	-8.9%	40,306	42,688	5.9%
WATER SUPPLY NEEDS TOTAL (acre-feet per year)*	4,825	0	-100.0%	27,180	24,358	-10.4%
Brazoria COUNTY Irrigation WUG TYPE						
EXISTING WUG SUPPLY TOTAL (acre-feet per year)	37,951	32,858	-13.4%	33,861	32,775	-3.2%
PROJECTED DEMAND TOTAL (acre-feet per year)	109,803	90,575	-17.5%	109,803	90,575	-17.5%
WATER SUPPLY NEEDS TOTAL (acre-feet per year)*	71,852	57,717	-19.7%	75,942	57,800	-23.9%
Brazoria COUNTY Livestock WUG TYPE						
EXISTING WUG SUPPLY TOTAL (acre-feet per year)	1,411	1,495	6.0%	992	1,487	49.9%
PROJECTED DEMAND TOTAL (acre-feet per year)	1,650	1,495	-9.4%	1,650	1,495	-9.4%
WATER SUPPLY NEEDS TOTAL (acre-feet per year)*	239	0	-100.0%	658	8	-98.8%
Brazoria COUNTY Manufacturing WUG TYPE						
EXISTING WUG SUPPLY TOTAL (acre-feet per year)	197,920	226,013	14.2%	209,132	224,314	7.3%
PROJECTED DEMAND TOTAL (acre-feet per year)	247,938	198,410	-20.0%	346,081	232,153	-32.9%
WATER SUPPLY NEEDS TOTAL (acre-feet per year)*	63,890	21,772	-65.9%	146,453	27,855	-81.0%
Brazoria COUNTY Mining WUG TYPE						
EXISTING WUG SUPPLY TOTAL (acre-feet per year)	234	968	313.7%	164	963	487.2%
PROJECTED DEMAND TOTAL (acre-feet per year)	968	968	0.0%	2,126	2,126	0.0%
WATER SUPPLY NEEDS TOTAL (acre-feet per year)*	734	0	-100.0%	1,962	1,163	-40.7%

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Region H Water User Group (WUG) Data Comparison to 2016 Regional Water Plan (RWP)

	2020 PLANNING DECADE			2070 PLANNING DECADE		
	2016 RWP	2021 RWP	DIFFERENCE (%)	2016 RWP	2021 RWP	DIFFERENCE (%)
Brazoria COUNTY Municipal WUG TYPE						
EXISTING WUG SUPPLY TOTAL (acre-feet per year)	43,104	46,606	8.1%	47,628	56,291	18.2%
PROJECTED DEMAND TOTAL (acre-feet per year)	37,776	40,570	7.4%	52,735	51,856	-1.7%
WATER SUPPLY NEEDS TOTAL (acre-feet per year)*	48	0	-100.0%	6,039	25	-99.6%
Chambers COUNTY COUNTY-OTHER WUG TYPE						
EXISTING WUG SUPPLY TOTAL (acre-feet per year)	2,653	2,532	-4.6%	4,110	3,877	-5.7%
PROJECTED DEMAND TOTAL (acre-feet per year)	1,422	1,561	9.8%	2,879	3,133	8.8%
WATER SUPPLY NEEDS TOTAL (acre-feet per year)*	0	0	0.0%	0	0	0.0%
Chambers COUNTY Irrigation WUG TYPE						
EXISTING WUG SUPPLY TOTAL (acre-feet per year)	139,629	140,535	0.6%	139,609	140,535	0.7%
PROJECTED DEMAND TOTAL (acre-feet per year)	84,266	128,320	52.3%	84,266	128,320	52.3%
WATER SUPPLY NEEDS TOTAL (acre-feet per year)*	3,760	12,572	234.4%	3,780	12,572	232.6%
Chambers COUNTY Livestock WUG TYPE						
EXISTING WUG SUPPLY TOTAL (acre-feet per year)	554	497	-10.3%	468	497	6.2%
PROJECTED DEMAND TOTAL (acre-feet per year)	554	497	-10.3%	554	497	-10.3%
WATER SUPPLY NEEDS TOTAL (acre-feet per year)*	0	0	0.0%	86	0	-100.0%
Chambers COUNTY Manufacturing WUG TYPE						
EXISTING WUG SUPPLY TOTAL (acre-feet per year)	33,064	39,768	20.3%	33,064	39,768	20.3%
PROJECTED DEMAND TOTAL (acre-feet per year)	11,043	20,182	82.8%	15,681	23,519	50.0%
WATER SUPPLY NEEDS TOTAL (acre-feet per year)*	0	2,753	100.0%	835	3,452	313.4%
Chambers COUNTY Mining WUG TYPE						
EXISTING WUG SUPPLY TOTAL (acre-feet per year)	5,509	5,621	2.0%	5,509	5,621	2.0%
PROJECTED DEMAND TOTAL (acre-feet per year)	5,621	5,621	0.0%	5,621	5,621	0.0%
WATER SUPPLY NEEDS TOTAL (acre-feet per year)*	112	0	-100.0%	112	0	-100.0%
Chambers COUNTY Municipal WUG TYPE						
EXISTING WUG SUPPLY TOTAL (acre-feet per year)	8,152	6,373	-21.8%	12,093	8,098	-33.0%
PROJECTED DEMAND TOTAL (acre-feet per year)	5,891	5,959	1.2%	12,566	12,930	2.9%
WATER SUPPLY NEEDS TOTAL (acre-feet per year)*	40	410	925.0%	2,819	5,662	100.9%
Chambers COUNTY Steam Electric Power WUG TYPE						
EXISTING WUG SUPPLY TOTAL (acre-feet per year)	31,120	7,319	-76.5%	31,120	7,319	-76.5%
PROJECTED DEMAND TOTAL (acre-feet per year)	3,536	8,706	146.2%	7,573	8,706	15.0%
WATER SUPPLY NEEDS TOTAL (acre-feet per year)*	0	1,387	100.0%	0	1,387	100.0%
Fort Bend COUNTY COUNTY-OTHER WUG TYPE						
EXISTING WUG SUPPLY TOTAL (acre-feet per year)	17,958	16,030	-10.7%	25,786	38,590	49.7%
PROJECTED DEMAND TOTAL (acre-feet per year)	25,842	15,014	-41.9%	77,413	67,164	-13.2%
WATER SUPPLY NEEDS TOTAL (acre-feet per year)*	7,884	1,414	-82.1%	51,627	28,574	-44.7%
Fort Bend COUNTY Irrigation WUG TYPE						
EXISTING WUG SUPPLY TOTAL (acre-feet per year)	34,503	31,053	-10.0%	29,395	31,053	5.6%
PROJECTED DEMAND TOTAL (acre-feet per year)	46,800	30,600	-34.6%	46,800	30,600	-34.6%
WATER SUPPLY NEEDS TOTAL (acre-feet per year)*	12,297	0	-100.0%	17,405	0	-100.0%
Fort Bend COUNTY Livestock WUG TYPE						
EXISTING WUG SUPPLY TOTAL (acre-feet per year)	716	832	16.2%	552	832	50.7%
PROJECTED DEMAND TOTAL (acre-feet per year)	1,052	832	-20.9%	1,052	832	-20.9%
WATER SUPPLY NEEDS TOTAL (acre-feet per year)*	336	0	-100.0%	500	0	-100.0%

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Region H Water User Group (WUG) Data Comparison to 2016 Regional Water Plan (RWP)

	2020 PLANNING DECADE			2070 PLANNING DECADE		
	2016 RWP	2021 RWP	DIFFERENCE (%)	2016 RWP	2021 RWP	DIFFERENCE (%)
Fort Bend COUNTY Manufacturing WUG TYPE						
EXISTING WUG SUPPLY TOTAL (acre-feet per year)	6,266	6,384	1.9%	3,783	4,975	31.5%
PROJECTED DEMAND TOTAL (acre-feet per year)	8,971	5,403	-39.8%	8,739	5,941	-32.0%
WATER SUPPLY NEEDS TOTAL (acre-feet per year)*	2,705	256	-90.5%	4,956	1,086	-78.1%
Fort Bend COUNTY Mining WUG TYPE						
EXISTING WUG SUPPLY TOTAL (acre-feet per year)	511	446	-12.7%	387	395	2.1%
PROJECTED DEMAND TOTAL (acre-feet per year)	72	72	0.0%	19	19	0.0%
WATER SUPPLY NEEDS TOTAL (acre-feet per year)*	13	4	-69.2%	5	2	-60.0%
Fort Bend COUNTY Municipal WUG TYPE						
EXISTING WUG SUPPLY TOTAL (acre-feet per year)	133,457	175,010	31.1%	120,779	168,794	39.8%
PROJECTED DEMAND TOTAL (acre-feet per year)	142,568	157,857	10.7%	239,860	256,969	7.1%
WATER SUPPLY NEEDS TOTAL (acre-feet per year)*	19,456	170	-99.1%	123,681	93,936	-24.0%
Fort Bend COUNTY Steam Electric Power WUG TYPE						
EXISTING WUG SUPPLY TOTAL (acre-feet per year)	129,631	124,743	-3.8%	130,621	124,622	-4.6%
PROJECTED DEMAND TOTAL (acre-feet per year)	67,762	62,017	-8.5%	156,964	62,017	-60.5%
WATER SUPPLY NEEDS TOTAL (acre-feet per year)*	0	0	0.0%	26,343	0	-100.0%
Galveston COUNTY COUNTY-OTHER WUG TYPE						
EXISTING WUG SUPPLY TOTAL (acre-feet per year)	519	130	-75.0%	568	85	-85.0%
PROJECTED DEMAND TOTAL (acre-feet per year)	2,559	1,172	-54.2%	3,490	724	-79.3%
WATER SUPPLY NEEDS TOTAL (acre-feet per year)*	2,040	1,042	-48.9%	2,922	639	-78.1%
Galveston COUNTY Irrigation WUG TYPE						
EXISTING WUG SUPPLY TOTAL (acre-feet per year)	246	301	22.4%	246	301	22.4%
PROJECTED DEMAND TOTAL (acre-feet per year)	6,300	5,105	-19.0%	6,300	5,105	-19.0%
WATER SUPPLY NEEDS TOTAL (acre-feet per year)*	6,054	4,804	-20.6%	6,054	4,804	-20.6%
Galveston COUNTY Livestock WUG TYPE						
EXISTING WUG SUPPLY TOTAL (acre-feet per year)	22	26	18.2%	20	26	30.0%
PROJECTED DEMAND TOTAL (acre-feet per year)	254	263	3.5%	254	263	3.5%
WATER SUPPLY NEEDS TOTAL (acre-feet per year)*	232	237	2.2%	234	237	1.3%
Galveston COUNTY Manufacturing WUG TYPE						
EXISTING WUG SUPPLY TOTAL (acre-feet per year)	56,205	54,966	-2.2%	57,921	54,836	-5.3%
PROJECTED DEMAND TOTAL (acre-feet per year)	56,394	55,104	-2.3%	62,263	64,333	3.3%
WATER SUPPLY NEEDS TOTAL (acre-feet per year)*	189	138	-27.0%	4,342	9,497	118.7%
Galveston COUNTY Mining WUG TYPE						
EXISTING WUG SUPPLY TOTAL (acre-feet per year)	33	38	15.2%	41	55	34.1%
PROJECTED DEMAND TOTAL (acre-feet per year)	381	381	0.0%	555	555	0.0%
WATER SUPPLY NEEDS TOTAL (acre-feet per year)*	348	343	-1.4%	514	500	-2.7%
Galveston COUNTY Municipal WUG TYPE						
EXISTING WUG SUPPLY TOTAL (acre-feet per year)	81,424	85,616	5.1%	82,644	85,818	3.8%
PROJECTED DEMAND TOTAL (acre-feet per year)	54,625	55,324	1.3%	69,764	71,532	2.5%
WATER SUPPLY NEEDS TOTAL (acre-feet per year)*	1,811	1,374	-24.1%	2,688	4,287	59.5%
Harris COUNTY COUNTY-OTHER WUG TYPE						
EXISTING WUG SUPPLY TOTAL (acre-feet per year)	71,297	15,809	-77.8%	68,804	12,182	-82.3%
PROJECTED DEMAND TOTAL (acre-feet per year)	34,106	16,532	-51.5%	50,683	30,064	-40.7%
WATER SUPPLY NEEDS TOTAL (acre-feet per year)*	2,016	900	-55.4%	3,720	17,882	380.7%

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Region H Water User Group (WUG) Data Comparison to 2016 Regional Water Plan (RWP)

	2020 PLANNING DECADE			2070 PLANNING DECADE		
	2016 RWP	2021 RWP	DIFFERENCE (%)	2016 RWP	2021 RWP	DIFFERENCE (%)
Harris COUNTY Irrigation WUG TYPE						
EXISTING WUG SUPPLY TOTAL (acre-feet per year)	9,658	14,997	55.3%	11,133	14,997	34.7%
PROJECTED DEMAND TOTAL (acre-feet per year)	7,240	9,440	30.4%	7,240	9,440	30.4%
WATER SUPPLY NEEDS TOTAL (acre-feet per year)*	0	0	0.0%	0	0	0.0%
Harris COUNTY Livestock WUG TYPE						
EXISTING WUG SUPPLY TOTAL (acre-feet per year)	619	919	48.5%	269	280	4.1%
PROJECTED DEMAND TOTAL (acre-feet per year)	1,667	1,403	-15.8%	1,667	1,403	-15.8%
WATER SUPPLY NEEDS TOTAL (acre-feet per year)*	1,048	484	-53.8%	1,398	1,123	-19.7%
Harris COUNTY Manufacturing WUG TYPE						
EXISTING WUG SUPPLY TOTAL (acre-feet per year)	410,016	435,854	6.3%	417,762	439,879	5.3%
PROJECTED DEMAND TOTAL (acre-feet per year)	424,761	311,627	-26.6%	470,956	364,350	-22.6%
WATER SUPPLY NEEDS TOTAL (acre-feet per year)*	20,499	7,404	-63.9%	53,194	20,903	-60.7%
Harris COUNTY Mining WUG TYPE						
EXISTING WUG SUPPLY TOTAL (acre-feet per year)	196	327	66.8%	250	312	24.8%
PROJECTED DEMAND TOTAL (acre-feet per year)	3,273	3,273	0.0%	3,110	3,110	0.0%
WATER SUPPLY NEEDS TOTAL (acre-feet per year)*	3,077	2,946	-4.3%	2,860	2,798	-2.2%
Harris COUNTY Municipal WUG TYPE						
EXISTING WUG SUPPLY TOTAL (acre-feet per year)	742,096	871,713	17.5%	683,477	689,143	0.8%
PROJECTED DEMAND TOTAL (acre-feet per year)	785,616	801,269	2.0%	999,279	1,018,603	1.9%
WATER SUPPLY NEEDS TOTAL (acre-feet per year)*	87,294	5,867	-93.3%	354,881	378,830	6.7%
Harris COUNTY Steam Electric Power WUG TYPE						
EXISTING WUG SUPPLY TOTAL (acre-feet per year)	22,087	25,412	15.1%	25,020	25,412	1.6%
PROJECTED DEMAND TOTAL (acre-feet per year)	23,556	28,993	23.1%	54,106	28,993	-46.4%
WATER SUPPLY NEEDS TOTAL (acre-feet per year)*	1,469	3,581	143.8%	29,086	3,581	-87.7%
Leon COUNTY COUNTY-OTHER WUG TYPE						
EXISTING WUG SUPPLY TOTAL (acre-feet per year)	757	256	-66.2%	1,019	167	-83.6%
PROJECTED DEMAND TOTAL (acre-feet per year)	681	256	-62.4%	943	167	-82.3%
WATER SUPPLY NEEDS TOTAL (acre-feet per year)*	0	0	0.0%	0	0	0.0%
Leon COUNTY Irrigation WUG TYPE						
EXISTING WUG SUPPLY TOTAL (acre-feet per year)	284	492	73.2%	284	492	73.2%
PROJECTED DEMAND TOTAL (acre-feet per year)	284	492	73.2%	284	492	73.2%
WATER SUPPLY NEEDS TOTAL (acre-feet per year)*	0	0	0.0%	0	0	0.0%
Leon COUNTY Livestock WUG TYPE						
EXISTING WUG SUPPLY TOTAL (acre-feet per year)	1,728	2,904	68.1%	1,728	2,904	68.1%
PROJECTED DEMAND TOTAL (acre-feet per year)	1,728	2,904	68.1%	1,728	2,904	68.1%
WATER SUPPLY NEEDS TOTAL (acre-feet per year)*	0	0	0.0%	0	0	0.0%
Leon COUNTY Manufacturing WUG TYPE						
EXISTING WUG SUPPLY TOTAL (acre-feet per year)	834	904	8.4%	861	926	7.5%
PROJECTED DEMAND TOTAL (acre-feet per year)	834	846	1.4%	1,415	1,069	-24.5%
WATER SUPPLY NEEDS TOTAL (acre-feet per year)*	0	0	0.0%	554	143	-74.2%
Leon COUNTY Mining WUG TYPE						
EXISTING WUG SUPPLY TOTAL (acre-feet per year)	2,402	2,402	0.0%	634	634	0.0%
PROJECTED DEMAND TOTAL (acre-feet per year)	2,402	2,402	0.0%	634	634	0.0%
WATER SUPPLY NEEDS TOTAL (acre-feet per year)*	0	0	0.0%	0	0	0.0%

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Region H Water User Group (WUG) Data Comparison to 2016 Regional Water Plan (RWP)

	2020 PLANNING DECADE			2070 PLANNING DECADE		
	2016 RWP	2021 RWP	DIFFERENCE (%)	2016 RWP	2021 RWP	DIFFERENCE (%)
Leon COUNTY Municipal WUG TYPE						
EXISTING WUG SUPPLY TOTAL (acre-feet per year)	1,484	2,162	45.7%	1,803	2,941	63.1%
PROJECTED DEMAND TOTAL (acre-feet per year)	1,484	2,162	45.7%	1,803	2,941	63.1%
WATER SUPPLY NEEDS TOTAL (acre-feet per year)*	0	0	0.0%	0	0	0.0%
Liberty COUNTY COUNTY-OTHER WUG TYPE						
EXISTING WUG SUPPLY TOTAL (acre-feet per year)	4,437	4,661	5.0%	3,948	5,886	49.1%
PROJECTED DEMAND TOTAL (acre-feet per year)	4,437	4,661	5.0%	4,608	5,886	27.7%
WATER SUPPLY NEEDS TOTAL (acre-feet per year)*	0	0	0.0%	660	0	-100.0%
Liberty COUNTY Irrigation WUG TYPE						
EXISTING WUG SUPPLY TOTAL (acre-feet per year)	55,156	50,449	-8.5%	55,156	50,449	-8.5%
PROJECTED DEMAND TOTAL (acre-feet per year)	61,885	43,200	-30.2%	61,885	43,200	-30.2%
WATER SUPPLY NEEDS TOTAL (acre-feet per year)*	14,158	9,344	-34.0%	14,158	9,344	-34.0%
Liberty COUNTY Livestock WUG TYPE						
EXISTING WUG SUPPLY TOTAL (acre-feet per year)	454	454	0.0%	454	454	0.0%
PROJECTED DEMAND TOTAL (acre-feet per year)	873	992	13.6%	873	992	13.6%
WATER SUPPLY NEEDS TOTAL (acre-feet per year)*	419	538	28.4%	419	538	28.4%
Liberty COUNTY Manufacturing WUG TYPE						
EXISTING WUG SUPPLY TOTAL (acre-feet per year)	366	245	-33.1%	366	289	-21.0%
PROJECTED DEMAND TOTAL (acre-feet per year)	440	245	-44.3%	756	289	-61.8%
WATER SUPPLY NEEDS TOTAL (acre-feet per year)*	74	0	-100.0%	390	0	-100.0%
Liberty COUNTY Mining WUG TYPE						
EXISTING WUG SUPPLY TOTAL (acre-feet per year)	252	437	73.4%	252	437	73.4%
PROJECTED DEMAND TOTAL (acre-feet per year)	437	437	0.0%	539	539	0.0%
WATER SUPPLY NEEDS TOTAL (acre-feet per year)*	185	0	-100.0%	287	102	-64.5%
Liberty COUNTY Municipal WUG TYPE						
EXISTING WUG SUPPLY TOTAL (acre-feet per year)	7,563	7,898	4.4%	13,246	13,354	0.8%
PROJECTED DEMAND TOTAL (acre-feet per year)	7,466	7,817	4.7%	13,083	13,388	2.3%
WATER SUPPLY NEEDS TOTAL (acre-feet per year)*	0	0	0.0%	0	116	100.0%
Madison COUNTY COUNTY-OTHER WUG TYPE						
EXISTING WUG SUPPLY TOTAL (acre-feet per year)	1,808	1,310	-27.5%	2,293	1,672	-27.1%
PROJECTED DEMAND TOTAL (acre-feet per year)	1,808	1,310	-27.5%	2,307	1,672	-27.5%
WATER SUPPLY NEEDS TOTAL (acre-feet per year)*	0	0	0.0%	14	0	-100.0%
Madison COUNTY Irrigation WUG TYPE						
EXISTING WUG SUPPLY TOTAL (acre-feet per year)	185	291	57.3%	185	291	57.3%
PROJECTED DEMAND TOTAL (acre-feet per year)	16	122	662.5%	16	122	662.5%
WATER SUPPLY NEEDS TOTAL (acre-feet per year)*	0	0	0.0%	0	0	0.0%
Madison COUNTY Livestock WUG TYPE						
EXISTING WUG SUPPLY TOTAL (acre-feet per year)	1,024	1,406	37.3%	1,024	1,406	37.3%
PROJECTED DEMAND TOTAL (acre-feet per year)	1,024	1,406	37.3%	1,024	1,406	37.3%
WATER SUPPLY NEEDS TOTAL (acre-feet per year)*	0	0	0.0%	0	0	0.0%
Madison COUNTY MANUFACTURING WUG TYPE						
EXISTING WUG SUPPLY TOTAL (acre-feet per year)	226	0	-100.0%	226	0	-100.0%
PROJECTED DEMAND TOTAL (acre-feet per year)	226	0	-100.0%	337	0	-100.0%
WATER SUPPLY NEEDS TOTAL (acre-feet per year)*	0	0	0.0%	111	0	-100.0%

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Region H Water User Group (WUG) Data Comparison to 2016 Regional Water Plan (RWP)

	2020 PLANNING DECADE			2070 PLANNING DECADE		
	2016 RWP	2021 RWP	DIFFERENCE (%)	2016 RWP	2021 RWP	DIFFERENCE (%)
Madison COUNTY Mining WUG TYPE						
EXISTING WUG SUPPLY TOTAL (acre-feet per year)	597	597	0.0%	194	194	0.0%
PROJECTED DEMAND TOTAL (acre-feet per year)	597	597	0.0%	194	194	0.0%
WATER SUPPLY NEEDS TOTAL (acre-feet per year)*	0	0	0.0%	0	0	0.0%
Madison COUNTY Municipal WUG TYPE						
EXISTING WUG SUPPLY TOTAL (acre-feet per year)	884	1,274	44.1%	1,124	1,620	44.1%
PROJECTED DEMAND TOTAL (acre-feet per year)	884	1,274	44.1%	1,124	1,620	44.1%
WATER SUPPLY NEEDS TOTAL (acre-feet per year)*	0	0	0.0%	0	0	0.0%
Madison COUNTY STEAM ELECTRIC POWER WUG TYPE						
PROJECTED DEMAND TOTAL (acre-feet per year)	238	0	-100.0%	546	0	-100.0%
WATER SUPPLY NEEDS TOTAL (acre-feet per year)*	238	0	-100.0%	546	0	-100.0%
Montgomery COUNTY COUNTY-OTHER WUG TYPE						
EXISTING WUG SUPPLY TOTAL (acre-feet per year)	24,065	17,224	-28.4%	24,065	18,019	-25.1%
PROJECTED DEMAND TOTAL (acre-feet per year)	35,816	22,319	-37.7%	153,649	128,816	-16.2%
WATER SUPPLY NEEDS TOTAL (acre-feet per year)*	11,751	5,095	-56.6%	129,584	110,797	-14.5%
Montgomery COUNTY Irrigation WUG TYPE						
EXISTING WUG SUPPLY TOTAL (acre-feet per year)	1,649	6,500	294.2%	1,649	6,500	294.2%
PROJECTED DEMAND TOTAL (acre-feet per year)	737	5,642	665.5%	737	5,642	665.5%
WATER SUPPLY NEEDS TOTAL (acre-feet per year)*	0	0	0.0%	0	0	0.0%
Montgomery COUNTY Livestock WUG TYPE						
EXISTING WUG SUPPLY TOTAL (acre-feet per year)	398	537	34.9%	398	537	34.9%
PROJECTED DEMAND TOTAL (acre-feet per year)	521	537	3.1%	521	537	3.1%
WATER SUPPLY NEEDS TOTAL (acre-feet per year)*	123	0	-100.0%	123	0	-100.0%
Montgomery COUNTY Manufacturing WUG TYPE						
EXISTING WUG SUPPLY TOTAL (acre-feet per year)	1,408	1,843	30.9%	1,408	1,843	30.9%
PROJECTED DEMAND TOTAL (acre-feet per year)	2,135	2,135	0.0%	3,372	2,413	-28.4%
WATER SUPPLY NEEDS TOTAL (acre-feet per year)*	727	292	-59.8%	1,964	570	-71.0%
Montgomery COUNTY Mining WUG TYPE						
EXISTING WUG SUPPLY TOTAL (acre-feet per year)	1,110	1,453	30.9%	1,110	728	-34.4%
PROJECTED DEMAND TOTAL (acre-feet per year)	1,453	1,453	0.0%	728	728	0.0%
WATER SUPPLY NEEDS TOTAL (acre-feet per year)*	343	0	-100.0%	0	0	0.0%
Montgomery COUNTY Municipal WUG TYPE						
EXISTING WUG SUPPLY TOTAL (acre-feet per year)	59,977	87,359	45.7%	62,441	87,280	39.8%
PROJECTED DEMAND TOTAL (acre-feet per year)	61,223	78,705	28.6%	113,173	143,202	26.5%
WATER SUPPLY NEEDS TOTAL (acre-feet per year)*	4,638	1,625	-65.0%	51,322	58,620	14.2%
Montgomery COUNTY Steam Electric Power WUG TYPE						
EXISTING WUG SUPPLY TOTAL (acre-feet per year)	14,186	12,455	-12.2%	14,186	12,455	-12.2%
PROJECTED DEMAND TOTAL (acre-feet per year)	8,537	4,845	-43.2%	19,611	4,845	-75.3%
WATER SUPPLY NEEDS TOTAL (acre-feet per year)*	0	0	0.0%	5,425	0	-100.0%
Polk COUNTY COUNTY-OTHER WUG TYPE						
EXISTING WUG SUPPLY TOTAL (acre-feet per year)	1,972	1,552	-21.3%	2,411	1,606	-33.4%
PROJECTED DEMAND TOTAL (acre-feet per year)	1,942	1,540	-20.7%	2,381	1,594	-33.1%
WATER SUPPLY NEEDS TOTAL (acre-feet per year)*	0	0	0.0%	0	0	0.0%
Polk COUNTY Irrigation WUG TYPE						

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Region H Water User Group (WUG) Data Comparison to 2016 Regional Water Plan (RWP)

	2020 PLANNING DECADE			2070 PLANNING DECADE		
	2016 RWP	2021 RWP	DIFFERENCE (%)	2016 RWP	2021 RWP	DIFFERENCE (%)
EXISTING WUG SUPPLY TOTAL (acre-feet per year)	0	332	100.0%	0	332	100.0%
PROJECTED DEMAND TOTAL (acre-feet per year)	0	332	100.0%	0	332	100.0%
WATER SUPPLY NEEDS TOTAL (acre-feet per year)*	0	0	0.0%	0	0	0.0%
Polk COUNTY Livestock WUG TYPE						
EXISTING WUG SUPPLY TOTAL (acre-feet per year)	144	181	25.7%	144	181	25.7%
PROJECTED DEMAND TOTAL (acre-feet per year)	144	181	25.7%	144	181	25.7%
WATER SUPPLY NEEDS TOTAL (acre-feet per year)*	0	0	0.0%	0	0	0.0%
Polk COUNTY Manufacturing WUG TYPE						
EXISTING WUG SUPPLY TOTAL (acre-feet per year)	0	5	100.0%	0	5	100.0%
PROJECTED DEMAND TOTAL (acre-feet per year)	0	5	100.0%	0	5	100.0%
WATER SUPPLY NEEDS TOTAL (acre-feet per year)*	0	0	0.0%	0	0	0.0%
Polk COUNTY Mining WUG TYPE						
EXISTING WUG SUPPLY TOTAL (acre-feet per year)	124	124	0.0%	41	32	-22.0%
PROJECTED DEMAND TOTAL (acre-feet per year)	124	124	0.0%	9	9	0.0%
WATER SUPPLY NEEDS TOTAL (acre-feet per year)*	0	0	0.0%	0	0	0.0%
Polk COUNTY Municipal WUG TYPE						
EXISTING WUG SUPPLY TOTAL (acre-feet per year)	7,510	8,166	8.7%	8,146	9,142	12.2%
PROJECTED DEMAND TOTAL (acre-feet per year)	3,939	4,613	17.1%	5,560	6,555	17.9%
WATER SUPPLY NEEDS TOTAL (acre-feet per year)*	0	0	0.0%	0	0	0.0%
San Jacinto COUNTY COUNTY-OTHER WUG TYPE						
EXISTING WUG SUPPLY TOTAL (acre-feet per year)	2,411	1,454	-39.7%	3,096	1,871	-39.6%
PROJECTED DEMAND TOTAL (acre-feet per year)	2,075	1,454	-29.9%	2,760	1,871	-32.2%
WATER SUPPLY NEEDS TOTAL (acre-feet per year)*	0	0	0.0%	0	0	0.0%
San Jacinto COUNTY Irrigation WUG TYPE						
EXISTING WUG SUPPLY TOTAL (acre-feet per year)	315	268	-14.9%	315	268	-14.9%
PROJECTED DEMAND TOTAL (acre-feet per year)	259	148	-42.9%	259	148	-42.9%
WATER SUPPLY NEEDS TOTAL (acre-feet per year)*	0	0	0.0%	0	0	0.0%
San Jacinto COUNTY Livestock WUG TYPE						
EXISTING WUG SUPPLY TOTAL (acre-feet per year)	386	413	7.0%	386	413	7.0%
PROJECTED DEMAND TOTAL (acre-feet per year)	386	413	7.0%	386	413	7.0%
WATER SUPPLY NEEDS TOTAL (acre-feet per year)*	0	0	0.0%	0	0	0.0%
San Jacinto COUNTY Manufacturing WUG TYPE						
EXISTING WUG SUPPLY TOTAL (acre-feet per year)	11	9	-18.2%	16	10	-37.5%
PROJECTED DEMAND TOTAL (acre-feet per year)	11	9	-18.2%	16	10	-37.5%
WATER SUPPLY NEEDS TOTAL (acre-feet per year)*	0	0	0.0%	0	0	0.0%
San Jacinto COUNTY Mining WUG TYPE						
EXISTING WUG SUPPLY TOTAL (acre-feet per year)	8	8	0.0%	8	9	12.5%
PROJECTED DEMAND TOTAL (acre-feet per year)	8	8	0.0%	9	9	0.0%
WATER SUPPLY NEEDS TOTAL (acre-feet per year)*	0	0	0.0%	1	0	-100.0%
San Jacinto COUNTY Municipal WUG TYPE						
EXISTING WUG SUPPLY TOTAL (acre-feet per year)	1,490	2,729	83.2%	1,820	3,389	86.2%
PROJECTED DEMAND TOTAL (acre-feet per year)	1,068	1,948	82.4%	1,408	2,608	85.2%
WATER SUPPLY NEEDS TOTAL (acre-feet per year)*	0	0	0.0%	0	0	0.0%
Trinity COUNTY COUNTY-OTHER WUG TYPE						

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Region H Water User Group (WUG) Data Comparison to 2016 Regional Water Plan (RWP)

	2020 PLANNING DECADE			2070 PLANNING DECADE		
	2016 RWP	2021 RWP	DIFFERENCE (%)	2016 RWP	2021 RWP	DIFFERENCE (%)
EXISTING WUG SUPPLY TOTAL (acre-feet per year)	405	56	-86.2%	404	46	-88.6%
PROJECTED DEMAND TOTAL (acre-feet per year)	214	36	-83.2%	232	26	-88.8%
WATER SUPPLY NEEDS TOTAL (acre-feet per year)*	0	0	0.0%	0	0	0.0%
Trinity COUNTY Irrigation WUG TYPE						
EXISTING WUG SUPPLY TOTAL (acre-feet per year)	0	309	100.0%	0	309	100.0%
PROJECTED DEMAND TOTAL (acre-feet per year)	0	275	100.0%	0	275	100.0%
WATER SUPPLY NEEDS TOTAL (acre-feet per year)*	0	0	0.0%	0	0	0.0%
Trinity COUNTY Livestock WUG TYPE						
EXISTING WUG SUPPLY TOTAL (acre-feet per year)	249	201	-19.3%	249	201	-19.3%
PROJECTED DEMAND TOTAL (acre-feet per year)	249	201	-19.3%	249	201	-19.3%
WATER SUPPLY NEEDS TOTAL (acre-feet per year)*	0	0	0.0%	0	0	0.0%
Trinity COUNTY Mining WUG TYPE						
EXISTING WUG SUPPLY TOTAL (acre-feet per year)	0	5	100.0%	0	5	100.0%
PROJECTED DEMAND TOTAL (acre-feet per year)	5	5	0.0%	5	5	0.0%
WATER SUPPLY NEEDS TOTAL (acre-feet per year)*	5	0	-100.0%	5	0	-100.0%
Trinity COUNTY Municipal WUG TYPE						
EXISTING WUG SUPPLY TOTAL (acre-feet per year)	2,182	2,988	36.9%	2,165	3,048	40.8%
PROJECTED DEMAND TOTAL (acre-feet per year)	1,045	1,379	32.0%	1,131	1,493	32.0%
WATER SUPPLY NEEDS TOTAL (acre-feet per year)*	52	0	-100.0%	110	0	-100.0%
Walker COUNTY COUNTY-OTHER WUG TYPE						
EXISTING WUG SUPPLY TOTAL (acre-feet per year)	6,232	5,496	-11.8%	6,164	5,496	-10.8%
PROJECTED DEMAND TOTAL (acre-feet per year)	3,232	2,897	-10.4%	3,274	2,907	-11.2%
WATER SUPPLY NEEDS TOTAL (acre-feet per year)*	0	0	0.0%	0	0	0.0%
Walker COUNTY Irrigation WUG TYPE						
EXISTING WUG SUPPLY TOTAL (acre-feet per year)	675	560	-17.0%	675	560	-17.0%
PROJECTED DEMAND TOTAL (acre-feet per year)	675	560	-17.0%	675	560	-17.0%
WATER SUPPLY NEEDS TOTAL (acre-feet per year)*	0	0	0.0%	0	0	0.0%
Walker COUNTY Livestock WUG TYPE						
EXISTING WUG SUPPLY TOTAL (acre-feet per year)	652	753	15.5%	652	753	15.5%
PROJECTED DEMAND TOTAL (acre-feet per year)	652	753	15.5%	652	753	15.5%
WATER SUPPLY NEEDS TOTAL (acre-feet per year)*	0	0	0.0%	0	0	0.0%
Walker COUNTY Manufacturing WUG TYPE						
EXISTING WUG SUPPLY TOTAL (acre-feet per year)	649	586	-9.7%	649	640	-1.4%
PROJECTED DEMAND TOTAL (acre-feet per year)	312	249	-20.2%	312	303	-2.9%
WATER SUPPLY NEEDS TOTAL (acre-feet per year)*	0	0	0.0%	0	0	0.0%
Walker COUNTY Mining WUG TYPE						
EXISTING WUG SUPPLY TOTAL (acre-feet per year)	11	11	0.0%	11	11	0.0%
PROJECTED DEMAND TOTAL (acre-feet per year)	11	11	0.0%	11	11	0.0%
WATER SUPPLY NEEDS TOTAL (acre-feet per year)*	0	0	0.0%	0	0	0.0%
Walker COUNTY Municipal WUG TYPE						
EXISTING WUG SUPPLY TOTAL (acre-feet per year)	21,173	24,260	14.6%	21,453	24,714	15.2%
PROJECTED DEMAND TOTAL (acre-feet per year)	9,611	9,803	2.0%	10,722	10,924	1.9%
WATER SUPPLY NEEDS TOTAL (acre-feet per year)*	22	0	-100.0%	39	0	-100.0%
Waller COUNTY COUNTY-OTHER WUG TYPE						

*WUG supplies and projected demands are entered for each of a WUG's region-county-basin divisions. The needs shown in the WUG Data Comparison to 2016 RWP report are calculated by first deducting the WUG split's projected demand from its total existing water supply volume. If the WUG split has a greater existing supply volume than projected demand in any given decade, this amount is considered a surplus volume. Before aggregating the difference between supplies and demands to the WUG county and category level, calculated surpluses are updated to zero so that only the WUGs with needs in the decade are included with the Needs totals.

Region H Water User Group (WUG) Data Comparison to 2016 Regional Water Plan (RWP)

	2020 PLANNING DECADE			2070 PLANNING DECADE		
	2016 RWP	2021 RWP	DIFFERENCE (%)	2016 RWP	2021 RWP	DIFFERENCE (%)
EXISTING WUG SUPPLY TOTAL (acre-feet per year)	3,045	2,164	-28.9%	4,978	2,164	-56.5%
PROJECTED DEMAND TOTAL (acre-feet per year)	3,045	2,799	-8.1%	6,534	5,947	-9.0%
WATER SUPPLY NEEDS TOTAL (acre-feet per year)*	0	635	100.0%	1,556	3,783	143.1%
Waller COUNTY Irrigation WUG TYPE						
EXISTING WUG SUPPLY TOTAL (acre-feet per year)	21,096	22,026	4.4%	21,096	22,026	4.4%
PROJECTED DEMAND TOTAL (acre-feet per year)	21,096	22,044	4.5%	21,096	22,044	4.5%
WATER SUPPLY NEEDS TOTAL (acre-feet per year)*	0	18	100.0%	0	18	100.0%
Waller COUNTY Livestock WUG TYPE						
EXISTING WUG SUPPLY TOTAL (acre-feet per year)	1,069	1,179	10.3%	1,069	1,179	10.3%
PROJECTED DEMAND TOTAL (acre-feet per year)	1,069	1,179	10.3%	1,069	1,179	10.3%
WATER SUPPLY NEEDS TOTAL (acre-feet per year)*	0	0	0.0%	0	0	0.0%
Waller COUNTY Manufacturing WUG TYPE						
EXISTING WUG SUPPLY TOTAL (acre-feet per year)	134	150	11.9%	144	152	5.6%
PROJECTED DEMAND TOTAL (acre-feet per year)	134	134	0.0%	208	136	-34.6%
WATER SUPPLY NEEDS TOTAL (acre-feet per year)*	0	0	0.0%	64	0	-100.0%
Waller COUNTY Mining WUG TYPE						
EXISTING WUG SUPPLY TOTAL (acre-feet per year)	7	7	0.0%	7	7	0.0%
PROJECTED DEMAND TOTAL (acre-feet per year)	7	7	0.0%	7	7	0.0%
WATER SUPPLY NEEDS TOTAL (acre-feet per year)*	0	0	0.0%	0	0	0.0%
Waller COUNTY Municipal WUG TYPE						
EXISTING WUG SUPPLY TOTAL (acre-feet per year)	4,838	4,587	-5.2%	9,566	9,686	1.3%
PROJECTED DEMAND TOTAL (acre-feet per year)	4,846	4,587	-5.3%	10,185	10,373	1.8%
WATER SUPPLY NEEDS TOTAL (acre-feet per year)*	8	0	-100.0%	619	687	11.0%
REGION H						
EXISTING WUG SUPPLY TOTAL (acre-feet per year)	2,505,969	2,685,048	7.1%	2,482,310	2,546,604	2.6%
PROJECTED DEMAND TOTAL (acre-feet per year)	2,488,883	2,336,763	-6.1%	3,415,333	3,076,799	-9.9%
WATER SUPPLY NEEDS TOTAL (acre-feet per year)*	347,034	145,122	-58.2%	1,161,764	889,856	-23.4%

*WUG supplies and projected demands are entered for each of a WUG's region-county-basin divisions. The needs shown in the WUG Data Comparison to 2016 RWP report are calculated by first deducting the WUG split's projected demand from its total existing water supply volume. If the WUG split has a greater existing supply volume than projected demand in any given decade, this amount is considered a surplus volume. Before aggregating the difference between supplies and demands to the WUG county and category level, calculated surpluses are updated to zero so that only the WUGs with needs in the decade are included with the Needs totals.

Region H Water User Group (WUG) Unmet Needs

WUG supplies and projected demands are entered for each of a WUG's region-county-basin divisions. The unmet needs shown in the WUG Unmet Needs report are calculated by first deducting the WUG split's projected demand from the sum of its total existing water supply volume and all associated recommended water management strategy water volumes. If the WUG split has a greater future supply volume than projected demand in any given decade, this amount is considered a surplus volume. In order to display only unmet needs associated with the WUG split, these surplus volumes are updated to a zero and the unmet needs water volumes are shown as absolute values.

	WUG UNMET NEEDS (ACRE-FEET PER YEAR)					
	2020	2030	2040	2050	2060	2070
Brazoria COUNTY - Brazos-Colorado BASIN						
Livestock	0	0	0	0	0	8
Brazoria COUNTY - San Jacinto-Brazos BASIN						
Irrigation	38,229	38,229	38,229	38,229	38,229	38,229
Chambers COUNTY - Trinity BASIN						
Irrigation	4,695	4,695	4,695	4,695	4,695	4,695
Chambers COUNTY - Trinity-San Jacinto BASIN						
Irrigation	1,616	1,616	1,616	1,616	1,616	1,616
Galveston COUNTY - Neches-Trinity BASIN						
Livestock	53	53	53	53	53	53
Galveston COUNTY - San Jacinto-Brazos BASIN						
Livestock	184	184	184	184	184	184
Irrigation	2,765	2,765	2,765	2,765	2,765	2,765
Harris COUNTY - San Jacinto BASIN						
Livestock	383	766	1,022	1,022	1,022	1,022
Harris COUNTY - Trinity-San Jacinto BASIN						
Livestock	101	101	101	101	101	101

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Region H Water User Group (WUG) Unmet Needs Summary

WUG supplies and projected demands are entered for each of a WUG’s region-county-basin divisions. The unmet needs shown in the WUG Unmet Needs Summary report are calculated by first deducting the WUG split’s projected demand from the sum of its total existing water supply volume and all associated recommended water management strategy water volumes. If the WUG split has a greater future supply volume than projected demand in any given decade, this amount is considered a surplus volume. Before aggregating the difference between supplies and demands to the WUG category level, calculated surpluses are updated to zero so that only the WUGs with unmet needs in the decade are included with the Needs totals. Unmet needs water volumes are shown as absolute values.

WUG CATEGORY	NEEDS (ACRE-FEET PER YEAR)					
	2020	2030	2040	2050	2060	2070
Municipal	0	0	0	0	0	0
COUNTY-OTHER	0	0	0	0	0	0
Manufacturing	0	0	0	0	0	0
Mining	0	0	0	0	0	0
Steam Electric Power	0	0	0	0	0	0
Livestock	721	1,104	1,360	1,360	1,360	1,368
Irrigation	47,305	47,305	47,305	47,305	47,305	47,305

Region H Recommended Water User Group (WUG) Water Management Strategies (WMS)

						WATER MANAGEMENT STRATEGY SUPPLY (ACRE-FEET PER YEAR)					
WUG ENTITY NAME	WMS SPONSOR REGION	WMS NAME	SOURCE NAME	UNIT COST 2020	UNIT COST 2070	2020	2030	2040	2050	2060	2070
Alvin	H	MUNICIPAL CONSERVATION, ALVIN	DEMAND REDUCTION	\$912	\$620	131	225	273	331	401	494
Anahuac	H	MUNICIPAL CONSERVATION, ANAHUAC	DEMAND REDUCTION	\$959	\$670	9	13	15	17	18	22
Anahuac	H	WATER LOSS REDUCTION, ANAHUAC	DEMAND REDUCTION	\$625	\$578	4	10	16	21	26	31
Angleton	H	DOW RESERVOIR AND PUMP STATION EXPANSION	H Dow Harris Reservoir Expansion	N/A	\$131	0	6,048	6,048	6,048	6,048	6,048
Angleton	H	MUNICIPAL CONSERVATION, ANGLETON	DEMAND REDUCTION	\$1253	\$646	67	127	147	172	191	233
Angleton	H	WATER LOSS REDUCTION, ANGLETON	DEMAND REDUCTION	\$625	\$578	15	41	63	82	101	102
Austin County WSC	H	MUNICIPAL CONSERVATION, AUSTIN COUNTY WSC	DEMAND REDUCTION	\$1071	\$752	10	17	22	28	34	43
Austin County WSC	H	WATER LOSS REDUCTION, AUSTIN COUNTY WSC	DEMAND REDUCTION	\$625	\$578	1	4	5	6	8	9
Bacliff MUD	H	GCWA GALVESTON COUNTY TREATED WATER EXPANSION	H Brazos Run-of-River	N/A	\$368	0	280	281	282	282	283
Bacliff MUD	H	MUNICIPAL CONSERVATION, BACLIFF MUD	DEMAND REDUCTION	\$1385	N/A	22	17	0	0	0	0
Baker Road MUD	H	CITY OF HOUSTON GRP	H Gulf Coast Aquifer System Harris COUNTY	N/A	\$1844	0	84	139	138	137	137
Baker Road MUD	H	MUNICIPAL CONSERVATION, BAKER ROAD MUD	DEMAND REDUCTION	\$598	\$491	7	10	12	12	13	13
Baybrook MUD 1	H	MUNICIPAL CONSERVATION, BAYBROOK MUD 1	DEMAND REDUCTION	\$689	\$508	7	11	14	16	17	17
Baybrook MUD 1	H	WATER LOSS REDUCTION, BAYBROOK MUD 1	DEMAND REDUCTION	\$625	\$578	2	5	8	8	9	9
Baytown	H	BAWA EAST SWTP EXPANSION	H Livingston-Wallisville Lake/Reservoir System	N/A	\$179	0	6,720	6,720	6,720	6,720	6,720
Baytown	H	MUNICIPAL CONSERVATION, BAYTOWN	DEMAND REDUCTION	\$1034	\$633	293	490	563	663	746	916
Baytown	H	WATER LOSS REDUCTION, BAYTOWN	DEMAND REDUCTION	\$625	\$578	60	171	217	219	225	231
Bayview MUD	H	GCWA GALVESTON COUNTY TREATED WATER EXPANSION	H Brazos Run-of-River	N/A	\$562	0	91	91	92	92	92
Bayview MUD	H	MUNICIPAL CONSERVATION, BAYVIEW MUD	DEMAND REDUCTION	\$1312	\$745	5	10	11	14	15	19
Bellaire	H	MUNICIPAL CONSERVATION, BELLAIRE	DEMAND REDUCTION	\$725	\$576	118	186	221	272	335	414
Bellville	H	MUNICIPAL CONSERVATION, BELLVILLE	DEMAND REDUCTION	\$840	\$542	32	56	70	79	86	91
Blue Bell Manor Utility	H	CITY OF HOUSTON GRP	H Gulf Coast Aquifer System Harris COUNTY	N/A	\$1459	0	171	316	338	366	387
Blue Bell Manor Utility	H	MUNICIPAL CONSERVATION, BLUE BELL MANOR UTILITY	DEMAND REDUCTION	\$615	\$550	16	21	23	26	29	34
Blue Ridge West MUD	H	MISSOURI CITY GRP	G BRA System Operations Permit Supply	N/A	\$327	0	217	217	217	217	217

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Region H Recommended Water User Group (WUG) Water Management Strategies (WMS)

						WATER MANAGEMENT STRATEGY SUPPLY (ACRE-FEET PER YEAR)					
WUG ENTITY NAME	WMS SPONSOR REGION	WMS NAME	SOURCE NAME	UNIT COST 2020	UNIT COST 2070	2020	2030	2040	2050	2060	2070
Blue Ridge West MUD	H	MISSOURI CITY GRP	H Gulf Coast Aquifer System Fort Bend COUNTY	N/A	\$1063	0	130	222	317	338	338
Blue Ridge West MUD	H	MUNICIPAL CONSERVATION, BLUE RIDGE WEST MUD	DEMAND REDUCTION	\$721	\$576	36	49	52	56	60	68
Bolivar Peninsula SUD	H	WATER LOSS REDUCTION, BOLIVAR PENINSULA SUD	DEMAND REDUCTION	\$625	\$578	2	6	12	19	27	38
Brazoria	H	MUNICIPAL CONSERVATION, BRAZORIA	DEMAND REDUCTION	\$1224	\$717	11	19	21	24	27	33
Brazoria County MUD 2	H	MUNICIPAL CONSERVATION, BRAZORIA COUNTY MUD 2	DEMAND REDUCTION	\$354	\$350	39	48	51	53	55	56
Brazoria County MUD 2	H	WATER LOSS REDUCTION, BRAZORIA COUNTY MUD 2	DEMAND REDUCTION	\$625	\$578	21	59	94	125	154	179
Brazoria County MUD 21	H	MUNICIPAL CONSERVATION, BRAZORIA COUNTY MUD 21	DEMAND REDUCTION	\$861	\$621	20	31	36	43	48	56
Brazoria County MUD 25	H	MANVEL SUPPLY EXPANSION	G BRA System Operations Permit Supply	N/A	\$1300	0	103	103	103	101	97
Brazoria County MUD 25	H	MANVEL SUPPLY EXPANSION	H Manvel Mustang Bayou Reservoir	N/A	\$1667	0	25	25	25	25	25
Brazoria County MUD 25	H	MUNICIPAL CONSERVATION, BRAZORIA COUNTY MUD 25	DEMAND REDUCTION	\$883	\$704	12	18	21	27	32	41
Brazoria County MUD 29	H	MANVEL SUPPLY EXPANSION	G BRA System Operations Permit Supply	N/A	\$1214	0	167	167	167	162	156
Brazoria County MUD 29	H	MANVEL SUPPLY EXPANSION	H Manvel Mustang Bayou Reservoir	N/A	\$1580	0	40	40	40	40	40
Brazoria County MUD 29	H	MUNICIPAL CONSERVATION, BRAZORIA COUNTY MUD 29	DEMAND REDUCTION	\$933	\$657	15	32	48	59	64	75
Brazoria County MUD 3	H	MUNICIPAL CONSERVATION, BRAZORIA COUNTY MUD 3	DEMAND REDUCTION	\$718	\$593	20	27	29	33	35	40
Brazoria County MUD 31	H	MUNICIPAL CONSERVATION, BRAZORIA COUNTY MUD 31	DEMAND REDUCTION	\$869	\$663	14	22	28	36	43	51
Brazoria County MUD 6	H	MUNICIPAL CONSERVATION, BRAZORIA COUNTY MUD 6	DEMAND REDUCTION	\$577	\$507	32	41	44	47	49	52
Brookshire MWD	H	MUNICIPAL CONSERVATION, BROOKSHIRE MWD	DEMAND REDUCTION	\$830	\$661	17	29	37	48	60	80
Brookshire MWD	H	WATER LOSS REDUCTION, BROOKSHIRE MWD	DEMAND REDUCTION	\$625	\$578	7	24	46	71	102	138
Buffalo	H	MUNICIPAL CONSERVATION, BUFFALO	DEMAND REDUCTION	\$949	\$579	11	19	23	24	25	26
Buffalo	H	WATER LOSS REDUCTION, BUFFALO	DEMAND REDUCTION	\$625	\$578	4	11	17	24	29	35
Bunker Hill Village	H	MUNICIPAL CONSERVATION, BUNKER HILL VILLAGE	DEMAND REDUCTION	\$360	\$385	40	51	57	64	72	83
Cape Royale UD	H	MUNICIPAL CONSERVATION, CAPE ROYALE UD	DEMAND REDUCTION	\$835	\$632	9	14	16	19	22	25
Cape Royale UD	H	WATER LOSS REDUCTION, CAPE ROYALE UD	DEMAND REDUCTION	\$625	\$578	2	6	10	13	13	14

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Region H Recommended Water User Group (WUG) Water Management Strategies (WMS)

						WATER MANAGEMENT STRATEGY SUPPLY (ACRE-FEET PER YEAR)					
WUG ENTITY NAME	WMS SPONSOR REGION	WMS NAME	SOURCE NAME	UNIT COST 2020	UNIT COST 2070	2020	2030	2040	2050	2060	2070
Centerville	H	MUNICIPAL CONSERVATION, CENTERVILLE	DEMAND REDUCTION	\$1298	\$680	7	15	18	20	22	23
Central Harris County Regional Water Authority	H	CHCRWA GRP	H Houston Lake/Reservoir	N/A	\$407	0	5,466	5,466	5,466	5,466	5,466
Central Harris County Regional Water Authority	H	MUNICIPAL CONSERVATION, CENTRAL HARRIS COUNTY REGIONAL WATER AUTHORITY	DEMAND REDUCTION	\$1059	\$653	164	285	337	417	487	622
Central Harris County Regional Water Authority	H	WASTEWATER RECLAMATION FOR MUNICIPAL IRRIGATION	H Direct Non-Potable Reuse	N/A	\$2546	0	47	79	110	138	168
Chambers County MUD 1	H	MUNICIPAL CONSERVATION, CHAMBERS COUNTY MUD 1	DEMAND REDUCTION	\$1087	\$749	9	16	20	27	31	34
Chateau Woods MUD	H	MUNICIPAL CONSERVATION, CHATEAU WOODS MUD	DEMAND REDUCTION	\$984	\$677	9	16	19	22	23	27
Chimney Hill MUD	H	MUNICIPAL CONSERVATION, CHIMNEY HILL MUD	DEMAND REDUCTION	\$978	\$674	18	28	31	35	38	45
Clear Brook City MUD	H	MUNICIPAL CONSERVATION, CLEAR BROOK CITY MUD	DEMAND REDUCTION	\$1128	\$660	60	106	128	164	197	255
Clear Lake City Water Authority	H	MUNICIPAL CONSERVATION, CLEAR LAKE CITY WATER AUTHORITY	DEMAND REDUCTION	\$732	\$566	352	526	610	729	864	1,030
Clear Lake City Water Authority	H	WATER LOSS REDUCTION, CLEAR LAKE CITY WATER AUTHORITY	DEMAND REDUCTION	\$625	\$578	80	232	354	372	390	410
Cleveland	H	MUNICIPAL CONSERVATION, CLEVELAND	DEMAND REDUCTION	\$768	\$535	42	65	74	79	81	83
Cleveland	H	WATER LOSS REDUCTION, CLEVELAND	DEMAND REDUCTION	\$625	\$578	14	39	61	83	103	123
Clute	H	MUNICIPAL CONSERVATION, CLUTE	DEMAND REDUCTION	\$940	\$692	40	59	64	73	81	98
Concord-Robbins WSC	H	MUNICIPAL CONSERVATION, CONCORD-ROBBINS WSC	DEMAND REDUCTION	\$1096	N/A	13	17	3	0	0	0
Conroe	H	MUNICIPAL CONSERVATION, CONROE	DEMAND REDUCTION	\$753	\$564	356	631	811	1,021	1,261	1,542
Conroe	H	SJRA GRP	H Conroe Lake/Reservoir	N/A	\$331	0	5,581	7,438	9,190	8,648	8,648
Conroe	H	SJRA GRP	H Livingston-Wallisville Lake/Reservoir System	N/A	\$331	0	0	0	0	0	1,815
Corinthian Point MUD 2	H	MUNICIPAL CONSERVATION, CORINTHIAN POINT MUD 2	DEMAND REDUCTION	\$580	\$475	6	10	14	15	16	18
Corinthian Point MUD 2	H	SJRA GRP	H Gulf Coast Aquifer System Montgomery COUNTY	N/A	\$1497	0	64	143	142	141	141
Country Terrace Water	H	MUNICIPAL CONSERVATION, COUNTRY TERRACE WATER	DEMAND REDUCTION	\$1148	\$718	5	9	10	12	14	17
County-Other, Austin	H	EXPANDED USE OF GROUNDWATER, AUSTIN COUNTY	H Gulf Coast Aquifer System Austin COUNTY	N/A	\$1030	0	400	550	1,250	1,450	1,900

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Region H Recommended Water User Group (WUG) Water Management Strategies (WMS)

						WATER MANAGEMENT STRATEGY SUPPLY (ACRE-FEET PER YEAR)					
WUG ENTITY NAME	WMS SPONSOR REGION	WMS NAME	SOURCE NAME	UNIT COST 2020	UNIT COST 2070	2020	2030	2040	2050	2060	2070
County-Other, Austin	H	MUNICIPAL CONSERVATION, COUNTY-OTHER, AUSTIN	DEMAND REDUCTION	\$960	\$706	67	116	147	194	245	331
County-Other, Austin	H	WATER LOSS REDUCTION, COUNTY-OTHER, AUSTIN	DEMAND REDUCTION	\$625	\$578	19	63	117	183	262	355
County-Other, Brazoria	H	MANVEL SUPPLY EXPANSION	G BRA System Operations Permit Supply	N/A	\$1066	0	3,438	3,438	3,438	3,340	3,213
County-Other, Brazoria	H	MANVEL SUPPLY EXPANSION	H Gulf Coast Aquifer System Brazoria COUNTY	\$3665	N/A	331	331	0	0	0	0
County-Other, Brazoria	H	MANVEL SUPPLY EXPANSION	H Manvel Mustang Bayou Reservoir	N/A	\$1433	0	831	831	831	831	831
County-Other, Brazoria	H	MUNICIPAL CONSERVATION, COUNTY-OTHER, BRAZORIA	DEMAND REDUCTION	\$813	\$657	451	813	1,100	1,493	1,927	2,630
County-Other, Brazoria	H	NEW/EXPANDED CONTRACT WITH BRA	H Allens Creek Lake/Reservoir	N/A	\$565	0	0	0	0	2,061	2,603
County-Other, Brazoria	H	NEW/EXPANDED CONTRACT WITH BWA	H Brazos Run-of-River	N/A	\$106	0	1,380	1,321	1,261	1,197	1,128
County-Other, Brazoria	H	NEW/EXPANDED CONTRACT WITH BWA	H Gulf Coast Aquifer System Brazoria COUNTY	N/A	\$5655	0	3,055	3,542	3,178	3,137	502
County-Other, Brazoria	H	NEW/EXPANDED CONTRACT WITH BWA	H Gulf Coast Aquifer System Fresh/Brackish Brazoria COUNTY	N/A	\$4203	0	55	55	721	561	505
County-Other, Brazoria	H	NEW/EXPANDED CONTRACT WITH GCWA	G BRA System Operations Permit Supply	N/A	\$270	0	690	4,014	5,259	3,402	1,427
County-Other, Brazoria	H	NEW/EXPANDED CONTRACT WITH GCWA	H Allens Creek Lake/Reservoir	N/A	\$260	0	0	0	2,663	4,798	11,010
County-Other, Brazoria	H	WASTEWATER RECLAMATION FOR MUNICIPAL IRRIGATION	H Direct Non-Potable Reuse	N/A	\$896	0	314	615	955	1,328	1,740
County-Other, Chambers	H	MUNICIPAL CONSERVATION, COUNTY-OTHER, CHAMBERS	DEMAND REDUCTION	\$731	\$613	44	70	88	112	137	178
County-Other, Fort Bend	H	EXPANDED USE OF GROUNDWATER, FORT BEND COUNTY	H Gulf Coast Aquifer System Fort Bend COUNTY	N/A	\$466	0	0	1,100	3,450	6,900	11,850
County-Other, Fort Bend	H	MUNICIPAL CONSERVATION, COUNTY-OTHER, FORT BEND	DEMAND REDUCTION	\$844	\$696	452	838	1,150	1,757	2,615	4,036
County-Other, Fort Bend	H	NEW/EXPANDED CONTRACT WITH GCWA	G BRA System Operations Permit Supply	\$2553	\$283	675	3,675	2,589	2,692	3,265	3,615
County-Other, Fort Bend	H	NFBWA GRP	H Gulf Coast Aquifer System Fort Bend COUNTY	N/A	\$842	0	3,644	3,720	3,803	3,879	3,970
County-Other, Fort Bend	H	RICHMOND GRP	G BRA System Operations Permit Supply	N/A	\$387	0	304	1,012	1,342	1,210	1,075
County-Other, Fort Bend	H	RICHMOND GRP	G Brazos River Authority Main Stem Lake/Reservoir System	N/A	\$387	0	692	692	692	692	692
County-Other, Fort Bend	H	RICHMOND GRP	H Allens Creek Lake/Reservoir	N/A	\$598	0	0	0	701	1,793	2,840
County-Other, Fort Bend	H	RICHMOND GRP	H Direct Non-Potable Reuse	\$1108	\$156	440	440	440	440	440	440
County-Other, Fort Bend	H	RICHMOND GRP	H Gulf Coast Aquifer System Fort Bend COUNTY	N/A	\$1524	0	143	143	143	143	143

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Region H Recommended Water User Group (WUG) Water Management Strategies (WMS)

						WATER MANAGEMENT STRATEGY SUPPLY (ACRE-FEET PER YEAR)					
WUG ENTITY NAME	WMS SPONSOR REGION	WMS NAME	SOURCE NAME	UNIT COST 2020	UNIT COST 2070	2020	2030	2040	2050	2060	2070
County-Other, Fort Bend	H	SUGAR LAND IWRP	H Gulf Coast Aquifer System Fort Bend COUNTY	N/A	\$1134	0	505	852	852	852	852
County-Other, Fort Bend	H	WASTEWATER RECLAMATION FOR MUNICIPAL IRRIGATION	H Direct Non-Potable Reuse	N/A	\$919	0	581	754	1,408	2,322	3,448
County-Other, Galveston	H	MUNICIPAL CONSERVATION, COUNTY-OTHER, GALVESTON	DEMAND REDUCTION	\$1086	\$661	42	63	64	68	68	73
County-Other, Galveston	H	NEW/EXPANDED CONTRACT WITH GCWA	H Brazos Run-of-River	\$2404	\$1066	996	996	996	996	996	996
County-Other, Galveston	H	NEW/EXPANDED CONTRACT WITH LNVA	I Sam Rayburn-Steinhagen Lake/Reservoir System	\$0	\$0	4	5	6	8	11	12
County-Other, Harris	H	CITY OF HOUSTON GRP	H Gulf Coast Aquifer System Harris COUNTY	N/A	\$1046	0	2,949	3,954	4,100	4,257	4,432
County-Other, Harris	H	CITY OF HOUSTON GRP	H Livingston-Wallisville Lake/Reservoir System	N/A	\$628	0	0	742	763	780	799
County-Other, Harris	H	MUNICIPAL CONSERVATION, COUNTY-OTHER, HARRIS	DEMAND REDUCTION	\$787	\$641	482	828	993	1,150	1,395	1,833
County-Other, Harris	H	NEW/EXPANDED CONTRACT WITH CITY OF HOUSTON	H Livingston-Wallisville Lake/Reservoir System	\$1891	\$453	831	3,047	5,677	5,657	8,170	10,306
County-Other, Harris	H	WASTEWATER RECLAMATION FOR MUNICIPAL IRRIGATION	H Direct Non-Potable Reuse	N/A	\$2416	0	304	420	478	738	996
County-Other, Leon	H	MUNICIPAL CONSERVATION, COUNTY-OTHER, LEON	DEMAND REDUCTION	\$1114	\$697	10	15	15	17	17	18
County-Other, Leon	H	WATER LOSS REDUCTION, COUNTY-OTHER, LEON	DEMAND REDUCTION	\$625	\$578	3	8	12	15	16	17
County-Other, Liberty	H	MUNICIPAL CONSERVATION, COUNTY-OTHER, LIBERTY	DEMAND REDUCTION	\$883	\$656	144	225	259	307	351	429
County-Other, Liberty	H	WATER LOSS REDUCTION, COUNTY-OTHER, LIBERTY	DEMAND REDUCTION	\$625	\$578	54	165	274	382	495	607
County-Other, Madison	H	MUNICIPAL CONSERVATION, COUNTY-OTHER, MADISON	DEMAND REDUCTION	\$969	\$679	43	69	79	94	107	132
County-Other, Madison	H	WATER LOSS REDUCTION, COUNTY-OTHER, MADISON	DEMAND REDUCTION	\$625	\$578	16	46	77	109	141	173
County-Other, Montgomery	H	MUNICIPAL CONSERVATION, COUNTY-OTHER, MONTGOMERY	DEMAND REDUCTION	\$858	\$703	679	1,398	2,234	3,516	5,198	7,980
County-Other, Montgomery	H	NEW/EXPANDED CONTRACT WITH SJRA	H Conroe Lake/Reservoir	N/A	\$1007	0	0	11,322	5,648	2,110	123
County-Other, Montgomery	H	NEW/EXPANDED CONTRACT WITH SJRA	H Livingston-Wallisville Lake/Reservoir System	N/A	\$1007	0	0	0	16,801	44,797	36,141
County-Other, Montgomery	H	NEW/EXPANDED CONTRACT WITH SJRA	H San Jacinto Indirect Reuse	N/A	\$956	0	0	0	0	306	31,566
County-Other, Montgomery	H	SJRA AQUIFER STORAGE AND RECOVERY	H Gulf Coast Aquifer ASR Montgomery COUNTY	N/A	\$3256	0	0	0	0	0	9,426
County-Other, Montgomery	H	SJRA CATAHOULA AQUIFER SUPPLIES	H Gulf Coast Aquifer System Brackish Montgomery COUNTY	N/A	\$1063	0	0	2,287	10,500	10,500	10,500
County-Other, Montgomery	H	SJRA GRP	H Conroe Lake/Reservoir	N/A	\$376	0	597	597	597	597	597

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Region H Recommended Water User Group (WUG) Water Management Strategies (WMS)

						WATER MANAGEMENT STRATEGY SUPPLY (ACRE-FEET PER YEAR)					
WUG ENTITY NAME	WMS SPONSOR REGION	WMS NAME	SOURCE NAME	UNIT COST 2020	UNIT COST 2070	2020	2030	2040	2050	2060	2070
County-Other, Montgomery	H	SJRA GRP	H Gulf Coast Aquifer System Montgomery COUNTY	\$1889	\$1008	4,416	16,548	14,151	12,298	9,969	6,958
County-Other, Montgomery	H	WASTEWATER RECLAMATION FOR MUNICIPAL IRRIGATION	H Direct Non-Potable Reuse	N/A	\$896	0	925	2,157	3,728	5,718	8,168
County-Other, Polk*	H	MUNICIPAL CONSERVATION, COUNTY-OTHER, POLK	DEMAND REDUCTION	\$1031	\$679	53	86	98	114	124	145
County-Other, Polk*	H	WATER LOSS REDUCTION, COUNTY-OTHER, POLK	DEMAND REDUCTION	\$625	\$578	10	28	42	42	42	41
County-Other, San Jacinto	H	MUNICIPAL CONSERVATION, COUNTY-OTHER, SAN JACINTO	DEMAND REDUCTION	\$1012	\$682	48	80	93	111	127	155
County-Other, San Jacinto	H	WATER LOSS REDUCTION, COUNTY-OTHER, SAN JACINTO	DEMAND REDUCTION	\$625	\$578	9	28	47	52	54	56
County-Other, Walker	H	MUNICIPAL CONSERVATION, COUNTY-OTHER, WALKER	DEMAND REDUCTION	\$670	\$559	79	109	117	129	139	159
County-Other, Waller	H	EXPANDED USE OF GROUNDWATER, WALLER COUNTY	H Gulf Coast Aquifer System Waller COUNTY	\$1339	\$911	975	975	2,050	2,050	3,400	3,400
County-Other, Waller	H	MUNICIPAL CONSERVATION, COUNTY-OTHER, WALLER	DEMAND REDUCTION	\$906	\$686	88	150	191	250	314	419
County-Other, Waller	H	WATER LOSS REDUCTION, COUNTY-OTHER, WALLER	DEMAND REDUCTION	\$625	\$578	15	31	36	42	49	56
Crosby MUD	H	MUNICIPAL CONSERVATION, CROSBY MUD	DEMAND REDUCTION	\$946	\$675	11	17	19	22	24	28
Crosby MUD	H	WATER LOSS REDUCTION, CROSBY MUD	DEMAND REDUCTION	\$625	\$578	3	10	16	22	27	32
Cut & Shoot	H	MUNICIPAL CONSERVATION, CUT AND SHOOT	DEMAND REDUCTION	\$1142	\$792	13	22	27	36	47	68
Cut & Shoot	H	SJRA GRP	H Gulf Coast Aquifer System Montgomery COUNTY	N/A	\$1180	0	11	57	130	235	374
Daisetta	H	MUNICIPAL CONSERVATION, DAISSETTA	DEMAND REDUCTION	\$1028	\$695	4	7	8	10	12	15
Danbury	H	MUNICIPAL CONSERVATION, DANBURY	DEMAND REDUCTION	\$1119	\$716	6	10	11	12	13	15
Dayton	H	MUNICIPAL CONSERVATION, DAYTON	DEMAND REDUCTION	\$621	\$555	63	108	148	210	271	338
Deer Park	H	MUNICIPAL CONSERVATION, DEER PARK	DEMAND REDUCTION	\$1153	\$653	135	245	289	352	405	508
Deer Park	H	WATER LOSS REDUCTION, DEER PARK	DEMAND REDUCTION	\$625	\$578	51	150	241	330	417	502
Devers	H	MUNICIPAL CONSERVATION, DEVERS	DEMAND REDUCTION	\$563	\$532	5	7	8	9	11	13
Dobbin Plantersville WSC*	H	BRACKISH GROUNDWATER SUPPLIES	H Gulf Coast Aquifer System Brackish Montgomery COUNTY	\$6806	\$1249	258	432	683	1,008	1,462	2,059
Dobbin Plantersville WSC*	H	MUNICIPAL CONSERVATION, DOBBIN PLANTERSVILLE WSC	DEMAND REDUCTION	\$1154	\$798	24	48	74	117	150	195

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Region H Recommended Water User Group (WUG) Water Management Strategies (WMS)

						WATER MANAGEMENT STRATEGY SUPPLY (ACRE-FEET PER YEAR)					
WUG ENTITY NAME	WMS SPONSOR REGION	WMS NAME	SOURCE NAME	UNIT COST 2020	UNIT COST 2070	2020	2030	2040	2050	2060	2070
Dodge Oakhurst WSC	H	MUNICIPAL CONSERVATION, DODGE OAKHURST WSC	DEMAND REDUCTION	\$1010	\$662	6	10	11	14	15	19
Domestic Water	H	MUNICIPAL CONSERVATION, DOMESTIC WATER	DEMAND REDUCTION	\$1010	\$684	6	11	15	18	20	23
Domestic Water	H	SJRA GRP	H Gulf Coast Aquifer System Montgomery COUNTY	N/A	\$1958	0	42	91	88	87	86
Douglas Utility	H	CITY OF HOUSTON GRP	H Gulf Coast Aquifer System Harris COUNTY	N/A	\$2141	0	56	93	92	92	93
Douglas Utility	H	MUNICIPAL CONSERVATION, DOUGLAS UTILITY	DEMAND REDUCTION	\$760	\$721	6	7	7	8	8	9
East Plantation UD	H	MUNICIPAL CONSERVATION, EAST PLANTATION UD	DEMAND REDUCTION	\$787	\$618	8	12	14	18	22	26
El Dorado UD	H	CITY OF HOUSTON GRP	H Gulf Coast Aquifer System Harris COUNTY	N/A	N/A	0	94	0	0	0	0
El Dorado UD	H	CITY OF HOUSTON GRP	H Livingston-Wallisville Lake/Reservoir System	N/A	\$689	0	0	288	287	287	283
El Dorado UD	H	MUNICIPAL CONSERVATION, EL DORADO UD	DEMAND REDUCTION	\$989	\$702	11	17	18	21	23	27
El Dorado UD	H	WATER LOSS REDUCTION, EL DORADO UD	DEMAND REDUCTION	\$625	\$578	3	8	13	17	18	18
Far Hills UD	H	BRACKISH GROUNDWATER SUPPLIES	H Gulf Coast Aquifer System Brackish Montgomery COUNTY	N/A	\$1073	0	97	207	205	204	204
Far Hills UD	H	MUNICIPAL CONSERVATION, FAR HILLS UD	DEMAND REDUCTION	\$562	\$517	10	15	20	23	25	27
First Colony MUD 9	H	MISSOURI CITY GRP	G BRA System Operations Permit Supply	N/A	\$272	0	366	366	366	366	366
First Colony MUD 9	H	MISSOURI CITY GRP	H Gulf Coast Aquifer System Fort Bend COUNTY	N/A	\$983	0	222	378	541	576	576
First Colony MUD 9	H	MUNICIPAL CONSERVATION, FIRST COLONY MUD 9	DEMAND REDUCTION	\$599	\$507	48	68	74	79	83	90
Flo Community WSC*	H	MUNICIPAL CONSERVATION, FLO COMMUNITY WSC	DEMAND REDUCTION	\$861	\$657	10	17	21	26	32	41
Flo Community WSC*	H	WATER LOSS REDUCTION, FLO COMMUNITY WSC	DEMAND REDUCTION	\$625	\$578	5	17	31	47	64	84
Forest Hills MUD	H	CITY OF HOUSTON GRP	H Gulf Coast Aquifer System Harris COUNTY	N/A	N/A	0	71	0	0	0	0
Forest Hills MUD	H	CITY OF HOUSTON GRP	H Livingston-Wallisville Lake/Reservoir System	N/A	\$709	0	0	260	251	247	243
Forest Hills MUD	H	MUNICIPAL CONSERVATION, FOREST HILLS MUD	DEMAND REDUCTION	\$762	\$580	10	15	17	19	20	24
Forest Hills MUD	H	WATER LOSS REDUCTION, FOREST HILLS MUD	DEMAND REDUCTION	\$625	\$578	3	8	13	17	19	19
Fort Bend County FWSD 1	H	NFBWA GRP	H Gulf Coast Aquifer System Fort Bend COUNTY	N/A	\$3343	0	30	35	40	45	50
Fort Bend County FWSD 1	H	WATER LOSS REDUCTION, FORT BEND COUNTY FWSD 1	DEMAND REDUCTION	\$625	\$578	1	4	8	12	16	20

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Region H Recommended Water User Group (WUG) Water Management Strategies (WMS)

						WATER MANAGEMENT STRATEGY SUPPLY (ACRE-FEET PER YEAR)					
WUG ENTITY NAME	WMS SPONSOR REGION	WMS NAME	SOURCE NAME	UNIT COST 2020	UNIT COST 2070	2020	2030	2040	2050	2060	2070
Fort Bend County FWSD 2	H	MUNICIPAL CONSERVATION, FORT BEND COUNTY FWSD 2	DEMAND REDUCTION	\$1144	\$720	7	14	17	22	27	35
Fort Bend County FWSD 2	H	ROSENBERG GRP	H Gulf Coast Aquifer System Fort Bend County	N/A	\$1109	0	96	118	141	164	189
Fort Bend County MUD 115	H	MISSOURI CITY GRP	G Brazos River Authority Main Stem Lake/Reservoir System	N/A	\$268	0	407	405	404	389	378
Fort Bend County MUD 115	H	MUNICIPAL CONSERVATION, FORT BEND COUNTY MUD 115	DEMAND REDUCTION	\$289	\$286	20	26	28	29	30	31
Fort Bend County MUD 115	H	WATER LOSS REDUCTION, FORT BEND COUNTY MUD 115	DEMAND REDUCTION	\$625	\$578	6	18	29	34	34	34
Fort Bend County MUD 116	H	MUNICIPAL CONSERVATION, FORT BEND COUNTY MUD 116	DEMAND REDUCTION	\$637	\$553	25	37	46	56	65	77
Fort Bend County MUD 116	H	RICHMOND GRP	H Gulf Coast Aquifer System Fort Bend County	N/A	\$1216	0	346	453	536	620	703
Fort Bend County MUD 121	H	MUNICIPAL CONSERVATION, FORT BEND COUNTY MUD 121	DEMAND REDUCTION	\$767	\$591	14	20	21	23	25	29
Fort Bend County MUD 121	H	RICHMOND GRP	G BRA System Operations Permit Supply	N/A	\$501	0	215	224	229	234	238
Fort Bend County MUD 128	H	MUNICIPAL CONSERVATION, FORT BEND COUNTY MUD 128	DEMAND REDUCTION	\$509	\$473	25	32	34	36	38	41
Fort Bend County MUD 128	H	SUGAR LAND IWRP	G Brazos River Authority Main Stem Lake/Reservoir System	N/A	\$443	0	472	472	472	472	472
Fort Bend County MUD 129	H	MISSOURI CITY GRP	G Brazos River Authority Main Stem Lake/Reservoir System	N/A	\$270	0	393	391	389	379	372
Fort Bend County MUD 129	H	MUNICIPAL CONSERVATION, FORT BEND COUNTY MUD 129	DEMAND REDUCTION	\$478	\$454	29	37	39	41	43	47
Fort Bend County MUD 140	H	MUNICIPAL CONSERVATION, FORT BEND COUNTY MUD 140	DEMAND REDUCTION	\$581	\$495	13	18	19	20	21	23
Fort Bend County MUD 140	H	RICHMOND GRP	G BRA System Operations Permit Supply	N/A	\$490	0	232	240	246	251	257
Fort Bend County MUD 149	H	MISSOURI CITY GRP	G Brazos River Authority Main Stem Lake/Reservoir System	N/A	\$415	0	112	146	144	137	130
Fort Bend County MUD 149	H	MUNICIPAL CONSERVATION, FORT BEND COUNTY MUD 149	DEMAND REDUCTION	\$1366	\$759	9	18	23	28	31	37
Fort Bend County MUD 152	H	MUNICIPAL CONSERVATION, FORT BEND COUNTY MUD 152	DEMAND REDUCTION	\$1020	\$673	6	11	14	16	17	20
Fort Bend County MUD 152	H	ROSENBERG GRP	H Brazos Run-of-River	N/A	\$407	0	66	82	82	82	82
Fort Bend County MUD 155	H	MUNICIPAL CONSERVATION, FORT BEND COUNTY MUD 155	DEMAND REDUCTION	\$997	\$680	14	25	31	37	40	45
Fort Bend County MUD 155	H	ROSENBERG GRP	H Brazos Run-of-River	N/A	\$214	0	160	199	197	197	197

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Region H Recommended Water User Group (WUG) Water Management Strategies (WMS)

						WATER MANAGEMENT STRATEGY SUPPLY (ACRE-FEET PER YEAR)					
WUG ENTITY NAME	WMS SPONSOR REGION	WMS NAME	SOURCE NAME	UNIT COST 2020	UNIT COST 2070	2020	2030	2040	2050	2060	2070
Fort Bend County MUD 158	H	MUNICIPAL CONSERVATION, FORT BEND COUNTY MUD 158	DEMAND REDUCTION	\$999	\$651	8	15	19	22	23	27
Fort Bend County MUD 158	H	ROSENBERG GRP	H Brazos Run-of-River	N/A	\$310	0	101	126	125	125	125
Fort Bend County MUD 162	H	MUNICIPAL CONSERVATION, FORT BEND COUNTY MUD 162	DEMAND REDUCTION	\$1054	\$687	10	18	23	27	29	35
Fort Bend County MUD 162	H	ROSENBERG GRP	H Gulf Coast Aquifer System Fort Bend COUNTY	N/A	\$1301	0	114	140	139	138	138
Fort Bend County MUD 187	H	MUNICIPAL CONSERVATION, FORT BEND COUNTY MUD 187	DEMAND REDUCTION	\$760	\$607	13	18	19	21	23	26
Fort Bend County MUD 187	H	RICHMOND GRP	G BRA System Operations Permit Supply	N/A	\$515	0	180	186	191	195	200
Fort Bend County MUD 187	H	RICHMOND GRP	H Direct Non-Potable Reuse	\$1108	\$156	18	18	18	18	18	18
Fort Bend County MUD 23	H	MISSOURI CITY GRP	G BRA System Operations Permit Supply	N/A	\$293	0	273	273	273	273	273
Fort Bend County MUD 23	H	MISSOURI CITY GRP	H Gulf Coast Aquifer System Fort Bend COUNTY	N/A	\$1039	0	164	301	455	511	539
Fort Bend County MUD 23	H	MUNICIPAL CONSERVATION, FORT BEND COUNTY MUD 23	DEMAND REDUCTION	\$1005	\$673	44	72	81	94	105	127
Fort Bend County MUD 24	H	MISSOURI CITY GRP	G BRA System Operations Permit Supply	N/A	\$919	0	39	39	39	39	39
Fort Bend County MUD 24	H	MISSOURI CITY GRP	H Gulf Coast Aquifer System Fort Bend COUNTY	N/A	\$2094	0	23	50	72	76	76
Fort Bend County MUD 24	H	MUNICIPAL CONSERVATION, FORT BEND COUNTY MUD 24	DEMAND REDUCTION	\$1300	\$742	6	12	15	19	20	24
Fort Bend County MUD 25	H	FORT BEND MUD 25 GRP	G BRA System Operations Permit Supply	N/A	\$813	0	1,120	1,120	1,120	1,120	1,120
Fort Bend County MUD 25	H	FORT BEND MUD 25 GRP	H Direct Non-Potable Reuse	N/A	\$813	0	68	68	68	68	68
Fort Bend County MUD 25	H	MUNICIPAL CONSERVATION, FORT BEND COUNTY MUD 25	DEMAND REDUCTION	\$920	\$653	46	69	75	85	93	110
Fort Bend County MUD 26	H	MISSOURI CITY GRP	G BRA System Operations Permit Supply	N/A	\$365	0	162	162	162	162	162
Fort Bend County MUD 26	H	MISSOURI CITY GRP	H Gulf Coast Aquifer System Fort Bend COUNTY	N/A	\$1085	0	97	217	311	330	330
Fort Bend County MUD 26	H	MUNICIPAL CONSERVATION, FORT BEND COUNTY MUD 26	DEMAND REDUCTION	\$851	\$632	19	32	41	47	51	59
Fort Bend County MUD 42	H	MISSOURI CITY GRP	G BRA System Operations Permit Supply	N/A	\$318	0	230	230	230	230	230
Fort Bend County MUD 42	H	MISSOURI CITY GRP	H Gulf Coast Aquifer System Fort Bend COUNTY	N/A	\$1119	0	139	238	341	363	363
Fort Bend County MUD 42	H	MUNICIPAL CONSERVATION, FORT BEND COUNTY MUD 42	DEMAND REDUCTION	\$672	\$542	24	39	43	47	50	54
Fort Bend County MUD 46	H	MISSOURI CITY GRP	G Brazos River Authority Main Stem Lake/Reservoir System	N/A	\$730	0	0	89	87	68	52

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Region H Recommended Water User Group (WUG) Water Management Strategies (WMS)

						WATER MANAGEMENT STRATEGY SUPPLY (ACRE-FEET PER YEAR)					
WUG ENTITY NAME	WMS SPONSOR REGION	WMS NAME	SOURCE NAME	UNIT COST 2020	UNIT COST 2070	2020	2030	2040	2050	2060	2070
Fort Bend County MUD 46	H	MUNICIPAL CONSERVATION, FORT BEND COUNTY MUD 46	DEMAND REDUCTION	\$631	\$492	15	25	32	36	38	40
Fort Bend County MUD 47	H	MISSOURI CITY GRP	G Brazos River Authority Main Stem Lake/Reservoir System	N/A	\$4385	0	0	19	17	11	7
Fort Bend County MUD 47	H	MUNICIPAL CONSERVATION, FORT BEND COUNTY MUD 47	DEMAND REDUCTION	\$1168	\$673	5	10	13	15	17	20
Fort Bend County MUD 48	H	MISSOURI CITY GRP	G Brazos River Authority Main Stem Lake/Reservoir System	N/A	\$411	0	143	140	138	134	132
Fort Bend County MUD 48	H	MUNICIPAL CONSERVATION, FORT BEND COUNTY MUD 48	DEMAND REDUCTION	\$896	\$638	13	20	21	23	25	29
Fort Bend County MUD 49	H	MISSOURI CITY GRP	G Brazos River Authority Main Stem Lake/Reservoir System	\$11606	\$478	64	115	114	113	108	104
Fort Bend County MUD 49	H	MUNICIPAL CONSERVATION, FORT BEND COUNTY MUD 49	DEMAND REDUCTION	\$660	\$561	6	9	11	12	12	13
Fort Bend County MUD 5	H	MUNICIPAL CONSERVATION, FORT BEND COUNTY MUD 5	DEMAND REDUCTION	\$1101	\$695	10	18	21	24	26	30
Fort Bend County MUD 5	H	ROSENBERG GRP	H Gulf Coast Aquifer System Fort Bend COUNTY	N/A	\$1594	0	108	105	104	103	103
Fort Bend County MUD 81	H	MUNICIPAL CONSERVATION, FORT BEND COUNTY MUD 81	DEMAND REDUCTION	\$338	\$370	36	44	50	57	63	71
Fort Bend County MUD 81	H	WATER LOSS REDUCTION, FORT BEND COUNTY MUD 81	DEMAND REDUCTION	\$625	\$578	9	28	41	44	47	50
Fort Bend County WCID 2	H	ADDITIONAL SUPPLY FROM GCWA	H Brazos Run-of-River	\$0	\$0	1,790	1,795	1,800	1,805	1,810	1,814
Fort Bend County WCID 2	H	FORT BEND WCID 2 GRP	G Brazos River Authority Main Stem Lake/Reservoir System	N/A	\$435	0	2,022	2,022	2,022	2,022	2,022
Fort Bend County WCID 2	H	FORT BEND WCID 2 GRP	H Brazos Run-of-River	N/A	\$435	0	1,310	4,527	4,524	4,520	4,516
Fort Bend County WCID 2	H	MUNICIPAL CONSERVATION, FORT BEND COUNTY WCID 2	DEMAND REDUCTION	\$639	\$524	216	356	452	561	677	820
Fort Bend County WCID 2	H	WATER LOSS REDUCTION, FORT BEND COUNTY WCID 2	DEMAND REDUCTION	\$625	\$578	51	178	206	231	257	285
Fort Bend County WCID 3	H	MUNICIPAL CONSERVATION, FORT BEND COUNTY WCID 3	DEMAND REDUCTION	\$195	\$249	12	16	17	17	18	18
Fort Bend County WCID 3	H	RICHMOND GRP	H Gulf Coast Aquifer System Fort Bend COUNTY	N/A	\$1399	0	237	237	236	236	236
Freeport	H	MUNICIPAL CONSERVATION, FREEPORT	DEMAND REDUCTION	\$987	\$642	42	66	74	91	131	174
Friendswood	H	MUNICIPAL CONSERVATION, FRIENDSWOOD	DEMAND REDUCTION	\$816	\$601	219	360	430	529	648	796
Friendswood	H	WATER LOSS REDUCTION, FRIENDSWOOD	DEMAND REDUCTION	\$625	\$578	60	184	311	445	586	658
Fulshear	H	MUNICIPAL CONSERVATION, FULSHEAR	DEMAND REDUCTION	\$1104	\$625	62	142	185	227	254	310

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Region H Recommended Water User Group (WUG) Water Management Strategies (WMS)

						WATER MANAGEMENT STRATEGY SUPPLY (ACRE-FEET PER YEAR)					
WUG ENTITY NAME	WMS SPONSOR REGION	WMS NAME	SOURCE NAME	UNIT COST 2020	UNIT COST 2070	2020	2030	2040	2050	2060	2070
Fulshear	H	NFBWA GRP	H Livingston-Wallisville Lake/Reservoir System	N/A	\$467	0	960	993	949	921	863
G & W WSC*	H	EXPANDED USE OF GROUNDWATER, WALLER COUNTY	H Gulf Coast Aquifer System Waller COUNTY	N/A	\$2379	0	0	0	0	325	325
G & W WSC*	H	MUNICIPAL CONSERVATION, G & W WSC	DEMAND REDUCTION	\$908	\$693	14	26	36	51	67	92
G & W WSC*	H	WATER LOSS REDUCTION, G & W WSC	DEMAND REDUCTION	\$625	\$578	3	11	23	32	39	46
Galena Park	H	MUNICIPAL CONSERVATION, GALENA PARK	DEMAND REDUCTION	\$1093	N/A	28	44	19	0	0	0
Galveston	H	GCWA GALVESTON COUNTY TREATED WATER EXPANSION	H Brazos Run-of-River	N/A	\$269	0	11,891	11,900	11,909	11,918	11,927
Galveston	H	MUNICIPAL CONSERVATION, GALVESTON	DEMAND REDUCTION	\$659	\$551	469	698	798	954	1,116	1,330
Galveston	H	WATER LOSS REDUCTION, GALVESTON	DEMAND REDUCTION	\$625	\$578	320	958	1,596	2,242	2,883	3,529
Galveston County FWSD 6	H	ADDITIONAL SUPPLY FROM GCWA	H Brazos Run-of-River	\$0	\$0	31	31	31	31	31	31
Galveston County FWSD 6	H	GCWA GALVESTON COUNTY TREATED WATER EXPANSION	H Brazos Run-of-River	N/A	\$779	0	54	54	54	54	55
Galveston County FWSD 6	H	MUNICIPAL CONSERVATION, GALVESTON COUNTY FWSD 6	DEMAND REDUCTION	\$886	\$637	12	18	20	22	23	26
Galveston County MUD 12	H	GCWA GALVESTON COUNTY TREATED WATER EXPANSION	H Brazos Run-of-River	N/A	\$517	0	106	106	106	106	107
Galveston County MUD 12	H	MUNICIPAL CONSERVATION, GALVESTON COUNTY MUD 12	DEMAND REDUCTION	\$1229	\$725	11	18	20	23	25	30
Galveston County WCID 1	H	GCWA GALVESTON COUNTY TREATED WATER EXPANSION	H Brazos Run-of-River	N/A	\$295	0	982	983	985	987	989
Galveston County WCID 1	H	MUNICIPAL CONSERVATION, GALVESTON COUNTY WCID 1	DEMAND REDUCTION	\$1074	\$654	95	178	223	288	350	460
Galveston County WCID 1	H	WATER LOSS REDUCTION, GALVESTON COUNTY WCID 1	DEMAND REDUCTION	\$625	\$578	25	77	133	195	261	319
Galveston County WCID 12	H	ADDITIONAL SUPPLY FROM GCWA	H Brazos Run-of-River	\$0	\$0	716	716	716	716	716	716
Galveston County WCID 12	H	GCWA GALVESTON COUNTY TREATED WATER EXPANSION	H Brazos Run-of-River	N/A	\$554	0	350	375	404	437	465
Galveston County WCID 12	H	MUNICIPAL CONSERVATION, GALVESTON COUNTY WCID 12	DEMAND REDUCTION	\$578	\$469	47	75	88	95	99	103
Galveston County WCID 8	H	GCWA GALVESTON COUNTY TREATED WATER EXPANSION	H Brazos Run-of-River	N/A	\$392	0	236	236	237	237	238

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Region H Recommended Water User Group (WUG) Water Management Strategies (WMS)

						WATER MANAGEMENT STRATEGY SUPPLY (ACRE-FEET PER YEAR)					
WUG ENTITY NAME	WMS SPONSOR REGION	WMS NAME	SOURCE NAME	UNIT COST 2020	UNIT COST 2070	2020	2030	2040	2050	2060	2070
Galveston County WCID 8	H	MUNICIPAL CONSERVATION, GALVESTON COUNTY WCID 8	DEMAND REDUCTION	\$1011	\$690	20	31	35	40	45	55
Galveston County WCID 8	H	WATER LOSS REDUCTION, GALVESTON COUNTY WCID 8	DEMAND REDUCTION	\$625	\$578	15	43	70	95	120	145
Glendale WSC	H	MUNICIPAL CONSERVATION, GLENDALE WSC	DEMAND REDUCTION	\$1198	\$704	4	7	8	9	10	12
Green Trails MUD	H	CITY OF HOUSTON GRP	H Gulf Coast Aquifer System Harris COUNTY	N/A	\$1521	0	164	287	288	288	288
Green Trails MUD	H	MUNICIPAL CONSERVATION, GREEN TRAILS MUD	DEMAND REDUCTION	\$550	\$477	16	21	22	24	25	27
Greenwood UD	H	MUNICIPAL CONSERVATION, GREENWOOD UD	DEMAND REDUCTION	\$1487	\$782	15	29	23	19	18	17
Greenwood UD	H	WATER LOSS REDUCTION, GREENWOOD UD	DEMAND REDUCTION	\$625	\$578	11	36	57	76	94	111
Groveton*	H	GROVETON GROUNDWATER EXPANSION	H Yegua-Jackson Aquifer Trinity COUNTY	\$699	\$56	133	133	133	132	132	133
Groveton*	H	MUNICIPAL CONSERVATION, GROVETON	DEMAND REDUCTION	\$1177	\$739	3	5	5	6	6	8
Groveton*	H	WATER LOSS REDUCTION, GROVETON	DEMAND REDUCTION	\$625	\$578	1	3	4	5	7	8
Gulf Utility	H	MUNICIPAL CONSERVATION, GULF UTILITY	DEMAND REDUCTION	\$719	\$576	24	33	36	39	42	46
Hardin WSC	H	MUNICIPAL CONSERVATION, HARDIN WSC	DEMAND REDUCTION	\$1061	\$732	18	33	43	56	69	91
Harris County FWSD 1-A	H	MUNICIPAL CONSERVATION, HARRIS COUNTY FWSD 1-A	DEMAND REDUCTION	\$1165	\$744	6	10	12	14	16	20
Harris County FWSD 1-A	H	WATER LOSS REDUCTION, HARRIS COUNTY FWSD 1-A	DEMAND REDUCTION	\$625	\$578	3	8	13	18	23	28
Harris County FWSD 27	H	MUNICIPAL CONSERVATION, HARRIS COUNTY FWSD 27	DEMAND REDUCTION	\$843	\$625	7	11	12	14	16	20
Harris County FWSD 58	H	CITY OF HOUSTON GRP	H Gulf Coast Aquifer System Harris COUNTY	N/A	\$1589	0	112	208	224	240	255
Harris County FWSD 58	H	MUNICIPAL CONSERVATION, HARRIS COUNTY FWSD 58	DEMAND REDUCTION	\$586	\$529	11	15	17	19	21	25
Harris County FWSD 58	H	WATER LOSS REDUCTION, HARRIS COUNTY FWSD 58	DEMAND REDUCTION	\$625	\$578	2	2	3	3	3	3
Harris County MUD 106	H	MUNICIPAL CONSERVATION, HARRIS COUNTY MUD 106	DEMAND REDUCTION	\$378	\$384	34	42	45	49	52	57
Harris County MUD 106	H	WATER LOSS REDUCTION, HARRIS COUNTY MUD 106	DEMAND REDUCTION	\$625	\$578	11	33	54	74	92	99
Harris County MUD 106	H	WHCRWA GRP	H Gulf Coast Aquifer System Harris COUNTY	N/A	N/A	0	366	0	0	0	0
Harris County MUD 106	H	WHCRWA GRP	H Livingston-Wallisville Lake/Reservoir System	N/A	\$464	0	0	1,398	1,412	1,420	1,430
Harris County MUD 11	H	CITY OF HOUSTON GRP	H Gulf Coast Aquifer System Harris COUNTY	N/A	N/A	0	46	0	0	0	0

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Region H Recommended Water User Group (WUG) Water Management Strategies (WMS)

						WATER MANAGEMENT STRATEGY SUPPLY (ACRE-FEET PER YEAR)					
WUG ENTITY NAME	WMS SPONSOR REGION	WMS NAME	SOURCE NAME	UNIT COST 2020	UNIT COST 2070	2020	2030	2040	2050	2060	2070
Harris County MUD 11	H	CITY OF HOUSTON GRP	H Livingston-Wallisville Lake/Reservoir System	N/A	\$721	0	0	213	215	222	226
Harris County MUD 11	H	MUNICIPAL CONSERVATION, HARRIS COUNTY MUD 11	DEMAND REDUCTION	\$1076	\$704	11	18	20	23	26	32
Harris County MUD 11	H	WATER LOSS REDUCTION, HARRIS COUNTY MUD 11	DEMAND REDUCTION	\$625	\$578	1	1	1	1	1	1
Harris County MUD 119	H	CITY OF HOUSTON GRP	H Gulf Coast Aquifer System Harris COUNTY	N/A	N/A	0	103	0	0	0	0
Harris County MUD 119	H	CITY OF HOUSTON GRP	H Livingston-Wallisville Lake/Reservoir System	N/A	\$662	0	0	409	409	415	418
Harris County MUD 119	H	MUNICIPAL CONSERVATION, HARRIS COUNTY MUD 119	DEMAND REDUCTION	\$1076	\$737	19	29	32	37	41	49
Harris County MUD 122	H	FORT BEND WCID 2 GRP	H Brazos Run-of-River	\$10457 7	\$1051	7	29	51	49	48	48
Harris County MUD 122	H	MUNICIPAL CONSERVATION, HARRIS COUNTY MUD 122	DEMAND REDUCTION	\$875	\$673	5	8	10	12	13	15
Harris County MUD 132	H	MUNICIPAL CONSERVATION, HARRIS COUNTY MUD 132	DEMAND REDUCTION	\$781	\$598	30	42	47	50	53	57
Harris County MUD 132	H	WHCRWA GRP	H Gulf Coast Aquifer System Harris COUNTY	N/A	N/A	0	269	0	0	0	0
Harris County MUD 132	H	WHCRWA GRP	H Livingston-Wallisville Lake/Reservoir System	N/A	\$476	0	0	989	990	989	989
Harris County MUD 148	H	MUNICIPAL CONSERVATION, HARRIS COUNTY MUD 148	DEMAND REDUCTION	\$1158	\$710	13	22	20	16	15	15
Harris County MUD 151	H	MUNICIPAL CONSERVATION, HARRIS COUNTY MUD 151	DEMAND REDUCTION	\$705	\$576	32	44	48	53	56	62
Harris County MUD 151	H	WHCRWA GRP	H Gulf Coast Aquifer System Harris COUNTY	N/A	N/A	0	280	0	0	0	0
Harris County MUD 151	H	WHCRWA GRP	H Livingston-Wallisville Lake/Reservoir System	N/A	\$474	0	0	1,035	1,029	1,028	1,026
Harris County MUD 152	H	MUNICIPAL CONSERVATION, HARRIS COUNTY MUD 152	DEMAND REDUCTION	\$767	\$602	33	46	51	57	62	72
Harris County MUD 152	H	WHCRWA GRP	H Gulf Coast Aquifer System Harris COUNTY	N/A	N/A	0	285	0	0	0	0
Harris County MUD 152	H	WHCRWA GRP	H Livingston-Wallisville Lake/Reservoir System	N/A	\$472	0	0	1,071	1,087	1,101	1,108
Harris County MUD 153	H	CITY OF HOUSTON GRP	H Gulf Coast Aquifer System Harris COUNTY	N/A	\$1400	0	332	581	573	568	564
Harris County MUD 153	H	MUNICIPAL CONSERVATION, HARRIS COUNTY MUD 153	DEMAND REDUCTION	\$711	\$573	38	53	57	62	66	72
Harris County MUD 154	H	CITY OF HOUSTON GRP	H Gulf Coast Aquifer System Harris COUNTY	N/A	N/A	0	260	0	0	0	0
Harris County MUD 154	H	CITY OF HOUSTON GRP	H Livingston-Wallisville Lake/Reservoir System	N/A	\$627	0	0	777	784	800	814
Harris County MUD 154	H	MUNICIPAL CONSERVATION, HARRIS COUNTY MUD 154	DEMAND REDUCTION	\$835	\$640	30	43	47	53	58	69
Harris County MUD 158	H	MUNICIPAL CONSERVATION, HARRIS COUNTY MUD 158	DEMAND REDUCTION	\$973	\$670	22	34	36	41	44	51

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Region H Recommended Water User Group (WUG) Water Management Strategies (WMS)

						WATER MANAGEMENT STRATEGY SUPPLY (ACRE-FEET PER YEAR)					
WUG ENTITY NAME	WMS SPONSOR REGION	WMS NAME	SOURCE NAME	UNIT COST 2020	UNIT COST 2070	2020	2030	2040	2050	2060	2070
Harris County MUD 180	H	MUNICIPAL CONSERVATION, HARRIS COUNTY MUD 180	DEMAND REDUCTION	\$874	\$640	17	26	30	34	37	43
Harris County MUD 180	H	WATER LOSS REDUCTION, HARRIS COUNTY MUD 180	DEMAND REDUCTION	\$625	\$578	5	14	22	29	36	41
Harris County MUD 180	H	WHCRWA GRP	H Gulf Coast Aquifer System Harris COUNTY	N/A	\$1571	0	136	251	238	227	215
Harris County MUD 189	H	CITY OF HOUSTON GRP	H Gulf Coast Aquifer System Harris COUNTY	N/A	N/A	0	101	0	0	0	0
Harris County MUD 189	H	CITY OF HOUSTON GRP	H Livingston-Wallisville Lake/Reservoir System	N/A	\$688	0	0	289	299	309	320
Harris County MUD 189	H	MUNICIPAL CONSERVATION, HARRIS COUNTY MUD 189	DEMAND REDUCTION	\$837	\$755	8	9	10	11	12	14
Harris County MUD 216	H	CITY OF HOUSTON GRP	H Gulf Coast Aquifer System Harris COUNTY	N/A	\$3232	0	38	65	61	58	55
Harris County MUD 216	H	MUNICIPAL CONSERVATION, HARRIS COUNTY MUD 216	DEMAND REDUCTION	\$930	\$604	5	8	9	10	11	12
Harris County MUD 216	H	WATER LOSS REDUCTION, HARRIS COUNTY MUD 216	DEMAND REDUCTION	\$625	\$578	2	5	8	10	12	14
Harris County MUD 221	H	CITY OF HOUSTON GRP	H Gulf Coast Aquifer System Harris COUNTY	N/A	N/A	0	133	0	0	0	0
Harris County MUD 221	H	CITY OF HOUSTON GRP	H Livingston-Wallisville Lake/Reservoir System	N/A	\$663	0	0	373	382	391	397
Harris County MUD 221	H	MUNICIPAL CONSERVATION, HARRIS COUNTY MUD 221	DEMAND REDUCTION	\$986	\$683	14	22	25	29	32	39
Harris County MUD 23	H	MUNICIPAL CONSERVATION, HARRIS COUNTY MUD 23	DEMAND REDUCTION	\$1010	\$671	12	20	22	21	19	19
Harris County MUD 278	H	CITY OF HOUSTON GRP	H Livingston-Wallisville Lake/Reservoir System	N/A	\$672	0	0	364	364	364	364
Harris County MUD 278	H	MUNICIPAL CONSERVATION, HARRIS COUNTY MUD 278	DEMAND REDUCTION	\$842	\$607	36	68	89	108	121	148
Harris County MUD 290	H	MUNICIPAL CONSERVATION, HARRIS COUNTY MUD 290	DEMAND REDUCTION	\$1093	\$693	25	42	47	56	62	74
Harris County MUD 290	H	WHCRWA GRP	H Gulf Coast Aquifer System Harris COUNTY	N/A	N/A	0	183	0	0	0	0
Harris County MUD 290	H	WHCRWA GRP	H Livingston-Wallisville Lake/Reservoir System	N/A	\$485	0	0	720	734	744	746
Harris County MUD 321	H	MUNICIPAL CONSERVATION, HARRIS COUNTY MUD 321	DEMAND REDUCTION	\$719	\$532	9	16	20	23	25	25
Harris County MUD 342	H	MUNICIPAL CONSERVATION, HARRIS COUNTY MUD 342	DEMAND REDUCTION	\$601	\$536	18	24	27	30	31	34
Harris County MUD 344	H	MUNICIPAL CONSERVATION, HARRIS COUNTY MUD 344	DEMAND REDUCTION	\$540	\$485	25	37	40	43	45	49
Harris County MUD 345	H	CITY OF HOUSTON GRP	H Gulf Coast Aquifer System Harris COUNTY	N/A	\$1469	0	229	396	388	386	383
Harris County MUD 345	H	MUNICIPAL CONSERVATION, HARRIS COUNTY MUD 345	DEMAND REDUCTION	\$607	\$512	24	33	35	38	39	42
Harris County MUD 36	H	CITY OF HOUSTON GRP	H Gulf Coast Aquifer System Harris COUNTY	N/A	N/A	0	114	0	0	0	0

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Region H Recommended Water User Group (WUG) Water Management Strategies (WMS)

						WATER MANAGEMENT STRATEGY SUPPLY (ACRE-FEET PER YEAR)					
WUG ENTITY NAME	WMS SPONSOR REGION	WMS NAME	SOURCE NAME	UNIT COST 2020	UNIT COST 2070	2020	2030	2040	2050	2060	2070
Harris County MUD 36	H	CITY OF HOUSTON GRP	H Livingston-Wallisville Lake/Reservoir System	N/A	\$681	0	0	302	299	299	300
Harris County MUD 36	H	MUNICIPAL CONSERVATION, HARRIS COUNTY MUD 36	DEMAND REDUCTION	\$519	\$418	9	13	14	15	15	14
Harris County MUD 361	H	MUNICIPAL CONSERVATION, HARRIS COUNTY MUD 361	DEMAND REDUCTION	\$891	\$655	15	22	24	27	29	34
Harris County MUD 372	H	MUNICIPAL CONSERVATION, HARRIS COUNTY MUD 372	DEMAND REDUCTION	\$446	\$437	32	39	41	44	46	50
Harris County MUD 400	H	CITY OF HOUSTON GRP	H Gulf Coast Aquifer System Harris COUNTY	N/A	\$1265	0	378	695	739	762	770
Harris County MUD 400	H	MUNICIPAL CONSERVATION, HARRIS COUNTY MUD 400	DEMAND REDUCTION	\$608	\$503	33	47	54	61	65	69
Harris County MUD 412	H	MUNICIPAL CONSERVATION, HARRIS COUNTY MUD 412	DEMAND REDUCTION	\$760	\$607	16	24	27	32	35	41
Harris County MUD 412	H	WATER LOSS REDUCTION, HARRIS COUNTY MUD 412	DEMAND REDUCTION	\$625	\$578	4	12	21	29	38	39
Harris County MUD 420	H	MUNICIPAL CONSERVATION, HARRIS COUNTY MUD 420	DEMAND REDUCTION	\$1038	\$676	5	8	9	11	12	14
Harris County MUD 46	H	MUNICIPAL CONSERVATION, HARRIS COUNTY MUD 46	DEMAND REDUCTION	\$692	\$568	18	25	27	29	30	33
Harris County MUD 46	H	WHCRWA GRP	H Gulf Coast Aquifer System Harris COUNTY	N/A	N/A	0	154	0	0	0	0
Harris County MUD 46	H	WHCRWA GRP	H Livingston-Wallisville Lake/Reservoir System	N/A	\$500	0	0	569	562	560	557
Harris County MUD 49	H	MUNICIPAL CONSERVATION, HARRIS COUNTY MUD 49	DEMAND REDUCTION	\$1092	\$721	21	33	37	42	47	55
Harris County MUD 5	H	MUNICIPAL CONSERVATION, HARRIS COUNTY MUD 5	DEMAND REDUCTION	\$1094	\$717	17	28	33	39	42	43
Harris County MUD 5	H	WATER LOSS REDUCTION, HARRIS COUNTY MUD 5	DEMAND REDUCTION	\$625	\$578	4	10	16	23	25	26
Harris County MUD 50	H	MUNICIPAL CONSERVATION, HARRIS COUNTY MUD 50	DEMAND REDUCTION	\$1021	\$675	13	20	22	26	28	33
Harris County MUD 50	H	WATER LOSS REDUCTION, HARRIS COUNTY MUD 50	DEMAND REDUCTION	\$625	\$578	6	16	26	35	43	51
Harris County MUD 55	H	MUNICIPAL CONSERVATION, HARRIS COUNTY MUD 55	DEMAND REDUCTION	\$1043	\$701	46	73	86	125	155	208
Harris County MUD 55	H	WATER LOSS REDUCTION, HARRIS COUNTY MUD 55	DEMAND REDUCTION	\$625	\$578	8	24	28	29	31	34
Harris County MUD 58	H	CITY OF HOUSTON GRP	H Gulf Coast Aquifer System Harris COUNTY	N/A	\$1924	0	75	135	131	131	129
Harris County MUD 58	H	MUNICIPAL CONSERVATION, HARRIS COUNTY MUD 58	DEMAND REDUCTION	\$678	\$645	6	7	8	9	9	10
Harris County MUD 6	H	MUNICIPAL CONSERVATION, HARRIS COUNTY MUD 6	DEMAND REDUCTION	\$855	\$628	15	23	25	28	30	35
Harris County MUD 6	H	NEW/EXPANDED CONTRACT WITH CITY OF HOUSTON	H Livingston-Wallisville Lake/Reservoir System	N/A	\$540	0	78	171	164	161	156

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Region H Recommended Water User Group (WUG) Water Management Strategies (WMS)

						WATER MANAGEMENT STRATEGY SUPPLY (ACRE-FEET PER YEAR)					
WUG ENTITY NAME	WMS SPONSOR REGION	WMS NAME	SOURCE NAME	UNIT COST 2020	UNIT COST 2070	2020	2030	2040	2050	2060	2070
Harris County MUD 8	H	MUNICIPAL CONSERVATION, HARRIS COUNTY MUD 8	DEMAND REDUCTION	\$771	\$660	12	15	15	17	18	20
Harris County MUD 96	H	MUNICIPAL CONSERVATION, HARRIS COUNTY MUD 96	DEMAND REDUCTION	\$1071	\$708	21	34	39	47	54	67
Harris County UD 14	H	CITY OF HOUSTON GRP	H Gulf Coast Aquifer System Harris COUNTY	N/A	N/A	0	68	0	0	0	0
Harris County UD 14	H	CITY OF HOUSTON GRP	H Livingston-Wallisville Lake/Reservoir System	N/A	\$705	0	0	192	206	223	250
Harris County UD 14	H	WATER LOSS REDUCTION, HARRIS COUNTY UD 14	DEMAND REDUCTION	\$625	\$578	3	8	14	20	27	37
Harris County UD 15	H	CITY OF HOUSTON GRP	H Gulf Coast Aquifer System Harris COUNTY	N/A	N/A	0	155	0	0	0	0
Harris County UD 15	H	CITY OF HOUSTON GRP	H Livingston-Wallisville Lake/Reservoir System	N/A	\$656	0	0	455	447	444	441
Harris County UD 15	H	MUNICIPAL CONSERVATION, HARRIS COUNTY UD 15	DEMAND REDUCTION	\$734	\$591	15	22	26	29	30	33
Harris County WCID 1	H	MUNICIPAL CONSERVATION, HARRIS COUNTY WCID 1	DEMAND REDUCTION	\$1006	\$686	23	36	40	46	51	62
Harris County WCID 1	H	WATER LOSS REDUCTION, HARRIS COUNTY WCID 1	DEMAND REDUCTION	\$625	\$578	8	24	38	52	65	79
Harris County WCID 133	H	CITY OF HOUSTON GRP	H Gulf Coast Aquifer System Harris COUNTY	N/A	N/A	0	165	0	0	0	0
Harris County WCID 133	H	CITY OF HOUSTON GRP	H Livingston-Wallisville Lake/Reservoir System	N/A	\$635	0	0	502	528	565	603
Harris County WCID 133	H	MUNICIPAL CONSERVATION, HARRIS COUNTY WCID 133	DEMAND REDUCTION	\$765	\$624	19	27	29	34	40	49
Harris County WCID 156	H	MUNICIPAL CONSERVATION, HARRIS COUNTY WCID 156	DEMAND REDUCTION	\$514	\$493	8	11	12	14	15	17
Harris County WCID 50	H	MUNICIPAL CONSERVATION, HARRIS COUNTY WCID 50	DEMAND REDUCTION	\$1109	\$687	13	21	23	27	29	35
Harris County WCID 70	H	CITY OF HOUSTON GRP	H Gulf Coast Aquifer System Harris COUNTY	N/A	\$2310	0	60	101	95	91	84
Harris County WCID 70	H	MUNICIPAL CONSERVATION, HARRIS COUNTY WCID 70	DEMAND REDUCTION	\$880	\$645	8	12	14	15	16	18
Harris County WCID 70	H	WATER LOSS REDUCTION, HARRIS COUNTY WCID 70	DEMAND REDUCTION	\$625	\$578	3	8	12	16	19	23
Harris County WCID 74	H	CITY OF HOUSTON GRP	H Gulf Coast Aquifer System Harris COUNTY	N/A	N/A	0	143	0	0	0	0
Harris County WCID 74	H	CITY OF HOUSTON GRP	H Livingston-Wallisville Lake/Reservoir System	N/A	\$665	0	0	423	411	409	404
Harris County WCID 74	H	MUNICIPAL CONSERVATION, HARRIS COUNTY WCID 74	DEMAND REDUCTION	\$709	\$582	17	23	24	27	28	33
Harris County WCID 89	H	MUNICIPAL CONSERVATION, HARRIS COUNTY WCID 89	DEMAND REDUCTION	\$1344	\$753	21	37	41	47	52	63
Harris County WCID 89	H	WATER LOSS REDUCTION, HARRIS COUNTY WCID 89	DEMAND REDUCTION	\$625	\$578	5	14	21	29	35	41
Harris County WCID 96	H	MUNICIPAL CONSERVATION, HARRIS COUNTY WCID 96	DEMAND REDUCTION	\$567	\$508	43	55	58	63	66	71

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Region H Recommended Water User Group (WUG) Water Management Strategies (WMS)

						WATER MANAGEMENT STRATEGY SUPPLY (ACRE-FEET PER YEAR)					
WUG ENTITY NAME	WMS SPONSOR REGION	WMS NAME	SOURCE NAME	UNIT COST 2020	UNIT COST 2070	2020	2030	2040	2050	2060	2070
Harris County WCID-Fondren Road	H	MUNICIPAL CONSERVATION, HARRIS COUNTY WCID-FONDREN ROAD	DEMAND REDUCTION	\$941	\$656	11	19	24	28	30	36
Harris County WCID-Fondren Road	H	WATER LOSS REDUCTION, HARRIS COUNTY WCID-FONDREN ROAD	DEMAND REDUCTION	\$625	\$578	2	7	10	10	10	10
Harris-Montgomery Counties MUD 386	H	MUNICIPAL CONSERVATION, HARRIS-MONTGOMERY COUNTIES MUD 386	DEMAND REDUCTION	\$603	\$532	12	16	16	17	18	21
Harris-Montgomery Counties MUD 386	H	SJRA GRP	H Gulf Coast Aquifer System Montgomery COUNTY	\$0	N/A	170	0	0	0	0	0
Hempstead	H	EXPANDED USE OF GROUNDWATER, WALLER COUNTY	H Gulf Coast Aquifer System Waller COUNTY	N/A	\$3817	0	0	0	0	0	150
Hempstead	H	MUNICIPAL CONSERVATION, HEMPSTEAD	DEMAND REDUCTION	\$664	\$532	35	57	72	87	102	120
Hillcrest Village	H	MUNICIPAL CONSERVATION, HILLCREST VILLAGE	DEMAND REDUCTION	\$705	\$625	4	5	5	6	6	7
Hillcrest Village	H	WATER LOSS REDUCTION, HILLCREST VILLAGE	DEMAND REDUCTION	\$625	\$578	1	3	4	6	7	8
Hilltop Lakes WSC	H	MUNICIPAL CONSERVATION, HILLTOP LAKES WSC	DEMAND REDUCTION	\$896	\$646	8	13	15	17	19	22
Hilshire Village	H	MUNICIPAL CONSERVATION, HILSHIRE VILLAGE	DEMAND REDUCTION	\$769	\$541	5	8	10	12	13	15
Hitchcock	H	GCWA GALVESTON COUNTY TREATED WATER EXPANSION	H Brazos Run-of-River	N/A	\$354	0	353	354	355	356	357
Hitchcock	H	MUNICIPAL CONSERVATION, HITCHCOCK	DEMAND REDUCTION	\$946	\$693	28	46	55	66	75	91
HMW SUD	H	MUNICIPAL CONSERVATION, HMW SUD	DEMAND REDUCTION	\$1055	\$648	43	77	99	139	199	261
HMW SUD	H	NHCRWA GRP	H Gulf Coast Aquifer System Harris COUNTY	N/A	\$1394	0	139	289	353	333	313
HMW SUD	H	SJRA GRP	H Conroe Lake/Reservoir	N/A	\$426	0	97	249	423	380	336
Houston	H	CITY OF HOUSTON AREA 2 GROUNDWATER DEVELOPMENT	H Gulf Coast Aquifer System Harris COUNTY	N/A	\$232	0	36,234	39,259	42,619	46,372	50,376
Houston	H	CITY OF HOUSTON GRP	H Allens Creek Lake/Reservoir	N/A	\$814	0	0	34,875	34,875	69,750	69,750
Houston	H	CITY OF HOUSTON GRP	H Gulf Coast Aquifer System Harris COUNTY	N/A	\$561	0	0	4,060	4,060	4,059	4,059
Houston	H	CITY OF HOUSTON GRP	H Livingston-Wallisville Lake/Reservoir System	N/A	\$585	0	5,036	5,043	5,045	5,046	5,047
Houston	H	CITY OF HOUSTON GRP	H San Jacinto Indirect Reuse	N/A	\$561	0	1,094	1,797	1,797	1,797	1,797
Houston	H	CITY OF HOUSTON REUSE	H San Jacinto Indirect Reuse	N/A	\$139	0	0	195,085	183,938	192,105	193,657
Houston	H	EAST TEXAS TRANSFER	I Toledo Bend Lake/Reservoir	N/A	\$17	0	0	0	250,000	250,000	250,000
Houston	H	MUNICIPAL CONSERVATION, HOUSTON	DEMAND REDUCTION	\$631	\$535	11,745	19,117	22,886	27,709	30,664	35,985

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Region H Recommended Water User Group (WUG) Water Management Strategies (WMS)

						WATER MANAGEMENT STRATEGY SUPPLY (ACRE-FEET PER YEAR)					
WUG ENTITY NAME	WMS SPONSOR REGION	WMS NAME	SOURCE NAME	UNIT COST 2020	UNIT COST 2070	2020	2030	2040	2050	2060	2070
Houston	H	SOUTHEAST TRANSMISSION LINE EXPANSION	H Livingston-Wallisville Lake/Reservoir System	N/A	\$126	0	15,758	15,758	15,758	15,758	15,758
Houston	H	WATER LOSS REDUCTION, HOUSTON	DEMAND REDUCTION	\$625	\$578	4,080	12,326	20,673	29,252	38,172	47,390
Humble	H	MUNICIPAL CONSERVATION, HUMBLE	DEMAND REDUCTION	\$1095	\$607	79	161	215	262	304	344
Huntsville	H	MUNICIPAL CONSERVATION, HUNTSVILLE	DEMAND REDUCTION	\$692	\$514	210	331	384	435	490	546
Huntsville	H	WATER LOSS REDUCTION, HUNTSVILLE	DEMAND REDUCTION	\$625	\$578	49	145	232	237	242	246
Irrigation, Austin	H	IRRIGATION CONSERVATION, AUSTIN COUNTY	DEMAND REDUCTION	\$133	\$132	2,993	2,993	2,993	2,993	2,993	2,993
Irrigation, Brazoria	H	IRRIGATION CONSERVATION, BRAZORIA COUNTY	DEMAND REDUCTION	\$132	\$131	21,517	21,517	21,517	21,517	21,517	21,517
Irrigation, Chambers	H	IRRIGATION CONSERVATION, CHAMBERS COUNTY	DEMAND REDUCTION	\$133	\$132	29,891	29,891	29,891	29,891	29,891	29,891
Irrigation, Chambers	H	LNVA DEVERS PUMP STATION RELOCATION	H Livingston-Wallisville Lake/Reservoir System	N/A	\$35	0	5,052	5,052	5,052	5,052	5,052
Irrigation, Chambers	H	NEW/EXPANDED CONTRACT WITH LNVA	I Sam Rayburn-Steinhagen Lake/Reservoir System	N/A	\$27	0	0	33,500	33,500	33,500	33,500
Irrigation, Fort Bend	H	IRRIGATION CONSERVATION, FORT BEND COUNTY	DEMAND REDUCTION	\$133	\$131	5,745	5,745	5,745	5,745	5,745	5,745
Irrigation, Fort Bend	H	RICHMOND GRP	H Gulf Coast Aquifer System Fort Bend COUNTY	N/A	\$873	0	17	17	17	17	17
Irrigation, Galveston	H	IRRIGATION CONSERVATION, GALVESTON COUNTY	DEMAND REDUCTION	\$134	\$132	2,062	2,062	2,062	2,062	2,062	2,062
Irrigation, Harris	H	IRRIGATION CONSERVATION, HARRIS COUNTY	DEMAND REDUCTION	\$134	\$133	39	39	39	39	39	39
Irrigation, Liberty	H	EXPANDED USE OF GROUNDWATER, LIBERTY COUNTY	H Gulf Coast Aquifer System Liberty COUNTY	\$174	\$72	4,650	4,650	4,650	4,650	4,650	4,650
Irrigation, Liberty	H	IRRIGATION CONSERVATION, LIBERTY COUNTY	DEMAND REDUCTION	\$133	\$132	23,035	23,035	23,035	23,035	23,035	23,035
Irrigation, Liberty	H	LNVA DEVERS PUMP STATION RELOCATION	H Livingston-Wallisville Lake/Reservoir System	N/A	\$35	0	3,369	3,369	3,369	3,369	3,369
Irrigation, Liberty	H	LNVA DEVERS PUMP STATION RELOCATION	H Trinity Run-of-River	N/A	\$35	0	665	665	665	665	665
Irrigation, Liberty	H	NEW/EXPANDED CONTRACT WITH LNVA	I Sam Rayburn-Steinhagen Lake/Reservoir System	N/A	\$27	0	0	33,500	33,500	33,500	33,500
Irrigation, Waller	H	IRRIGATION CONSERVATION, WALLER COUNTY	DEMAND REDUCTION	\$131	\$130	8,280	8,280	8,280	8,280	8,280	8,280
Irrigation, Waller	H	OTHER BRA SYSTEM OPERATION SUPPLIES	G BRA System Operations Permit Supply	\$0	\$0	90	90	90	90	87	84
Jacinto City	H	MUNICIPAL CONSERVATION, JACINTO CITY	DEMAND REDUCTION	\$1159	N/A	25	13	0	0	0	0

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Region H Recommended Water User Group (WUG) Water Management Strategies (WMS)

						WATER MANAGEMENT STRATEGY SUPPLY (ACRE-FEET PER YEAR)					
WUG ENTITY NAME	WMS SPONSOR REGION	WMS NAME	SOURCE NAME	UNIT COST 2020	UNIT COST 2070	2020	2030	2040	2050	2060	2070
Jacinto City	H	WATER LOSS REDUCTION, JACINTO CITY	DEMAND REDUCTION	\$625	\$578	5	14	23	29	29	30
Jamaica Beach	H	MUNICIPAL CONSERVATION, JAMAICA BEACH	DEMAND REDUCTION	\$718	\$546	7	10	11	12	13	15
Jersey Village	H	MUNICIPAL CONSERVATION, JERSEY VILLAGE	DEMAND REDUCTION	\$834	\$596	50	75	85	92	97	104
Jersey Village	H	WATER LOSS REDUCTION, JERSEY VILLAGE	DEMAND REDUCTION	\$625	\$578	12	34	54	65	67	68
Jewett	H	MUNICIPAL CONSERVATION, JEWETT	DEMAND REDUCTION	\$777	\$572	8	14	17	21	24	28
Johnston Water Utility	H	MUNICIPAL CONSERVATION, JOHNSTON WATER UTILITY	DEMAND REDUCTION	\$455	\$463	18	28	37	49	64	84
Johnston Water Utility	H	SJRA GRP	H Gulf Coast Aquifer System Montgomery COUNTY	N/A	\$1353	0	208	445	731	1,087	1,516
Katy	H	MUNICIPAL CONSERVATION, KATY	DEMAND REDUCTION	\$728	\$525	143	291	366	429	486	547
Katy	H	WHCRWA GRP	H Gulf Coast Aquifer System Harris COUNTY	N/A	\$963	0	2,538	3,217	3,244	3,279	3,309
Kendleton	H	MUNICIPAL CONSERVATION, KENDLETON	DEMAND REDUCTION	\$701	\$560	5	9	11	13	16	18
Kendleton	H	WATER LOSS REDUCTION, KENDLETON	DEMAND REDUCTION	\$625	\$578	4	14	25	38	52	67
Kings Manor MUD	H	MUNICIPAL CONSERVATION, KINGS MANOR MUD	DEMAND REDUCTION	\$910	\$661	14	21	22	24	26	30
Kings Manor MUD	H	NEW/EXPANDED CONTRACT WITH CITY OF HOUSTON	H Livingston-Wallisville Lake/Reservoir System	\$0	N/A	12	0	0	0	0	0
Kirkmont MUD	H	MUNICIPAL CONSERVATION, KIRKMONT MUD	DEMAND REDUCTION	\$746	\$617	11	17	19	23	26	31
La Marque	H	ADDITIONAL SUPPLY FROM GCWA	H Brazos Run-of-River	\$0	\$0	391	391	391	391	391	391
La Marque	H	GCWA GALVESTON COUNTY TREATED WATER EXPANSION	H Brazos Run-of-River	N/A	\$375	0	265	265	266	268	269
La Marque	H	MUNICIPAL CONSERVATION, LA MARQUE	DEMAND REDUCTION	\$693	\$562	95	144	161	189	222	262
La Marque	H	WATER LOSS REDUCTION, LA MARQUE	DEMAND REDUCTION	\$625	\$578	82	250	399	536	666	786
La Porte	H	MUNICIPAL CONSERVATION, LA PORTE	DEMAND REDUCTION	\$1124	\$635	158	285	322	367	404	490
La Porte	H	WATER LOSS REDUCTION, LA PORTE	DEMAND REDUCTION	\$625	\$578	27	77	79	80	81	82
Lake Bonanza WSC	H	MUNICIPAL CONSERVATION, LAKE BONANZA WSC	DEMAND REDUCTION	\$1105	\$752	7	14	19	26	35	51
Lake Bonanza WSC	H	SJRA GRP	H Conroe Lake/Reservoir	N/A	\$388	0	243	300	368	421	512
Lake Conroe Hills MUD	H	MUNICIPAL CONSERVATION, LAKE CONROE HILLS MUD	DEMAND REDUCTION	\$968	\$714	7	13	18	25	33	47

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Region H Recommended Water User Group (WUG) Water Management Strategies (WMS)

						WATER MANAGEMENT STRATEGY SUPPLY (ACRE-FEET PER YEAR)					
WUG ENTITY NAME	WMS SPONSOR REGION	WMS NAME	SOURCE NAME	UNIT COST 2020	UNIT COST 2070	2020	2030	2040	2050	2060	2070
Lake Conroe Hills MUD	H	SJRA GRP	H Gulf Coast Aquifer System Montgomery COUNTY	N/A	\$1106	0	58	125	208	312	439
Lake Conroe Hills MUD	H	WATER LOSS REDUCTION, LAKE CONROE HILLS MUD	DEMAND REDUCTION	\$625	\$578	2	6	12	20	31	38
Lake Jackson	H	DOW RESERVOIR AND PUMP STATION EXPANSION	H Dow Harris Reservoir Expansion	N/A	\$176	0	560	560	560	560	560
Lake Jackson	H	MUNICIPAL CONSERVATION, LAKE JACKSON	DEMAND REDUCTION	\$867	\$599	151	241	275	322	377	445
Lake Livingston WSC*	H	MUNICIPAL CONSERVATION, LAKE LIVINGSTON WSC	DEMAND REDUCTION	\$1240	N/A	10	0	0	0	0	0
Lake Livingston WSC*	H	WATER LOSS REDUCTION, LAKE LIVINGSTON WSC	DEMAND REDUCTION	\$625	\$578	20	63	110	161	216	278
Lake MUD	H	MUNICIPAL CONSERVATION, LAKE MUD	DEMAND REDUCTION	\$1352	\$756	15	27	31	35	39	46
Lake MUD	H	WATER LOSS REDUCTION, LAKE MUD	DEMAND REDUCTION	\$625	\$578	2	5	6	6	6	6
Lazy River Improvement District	H	MUNICIPAL CONSERVATION, LAZY RIVER IMPROVEMENT DISTRICT	DEMAND REDUCTION	\$497	\$441	5	8	11	12	13	14
Lazy River Improvement District	H	SJRA GRP	H Gulf Coast Aquifer System Montgomery COUNTY	N/A	\$1531	0	60	128	127	126	126
League City	H	GCWA GALVESTON COUNTY TREATED WATER EXPANSION	H Brazos Run-of-River	N/A	\$315	0	600	601	601	603	604
League City	H	MUNICIPAL CONSERVATION, LEAGUE CITY	DEMAND REDUCTION	\$946	\$602	439	781	952	1,182	1,367	1,691
League City	H	SOUTHEAST TRANSMISSION LINE EXPANSION	H Livingston-Wallisville Lake/Reservoir System	N/A	\$126	0	24,080	24,080	24,080	24,080	24,080
League City	H	WATER LOSS REDUCTION, LEAGUE CITY	DEMAND REDUCTION	\$625	\$578	92	290	494	529	546	559
Leggett WSC	H	MUNICIPAL CONSERVATION, LEGGETT WSC	DEMAND REDUCTION	\$670	\$517	9	14	17	19	21	23
Leggett WSC	H	WATER LOSS REDUCTION, LEGGETT WSC	DEMAND REDUCTION	\$625	\$578	7	22	37	52	67	81
Liberty	H	MUNICIPAL CONSERVATION, LIBERTY	DEMAND REDUCTION	\$860	\$560	45	78	95	106	115	121
Liberty	H	WATER LOSS REDUCTION, LIBERTY	DEMAND REDUCTION	\$625	\$578	21	63	105	147	191	235
Liberty County FWSD 1 Hull	H	MUNICIPAL CONSERVATION, LIBERTY COUNTY FWSD 1 HULL	DEMAND REDUCTION	\$909	\$687	4	6	7	9	11	13
Livestock, Liberty	H	EXPANDED USE OF GROUNDWATER, LIBERTY COUNTY	H Gulf Coast Aquifer System Liberty COUNTY	\$286	\$82	725	725	725	725	725	725
Livingston	H	MUNICIPAL CONSERVATION, LIVINGSTON	DEMAND REDUCTION	\$532	\$393	63	97	120	133	141	140
Livingston	H	WATER LOSS REDUCTION, LIVINGSTON	DEMAND REDUCTION	\$625	\$578	34	107	182	258	332	403
Longhorn Town UD	H	CITY OF HOUSTON GRP	H Gulf Coast Aquifer System Harris COUNTY	N/A	\$1787	0	91	158	156	155	155

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Region H Recommended Water User Group (WUG) Water Management Strategies (WMS)

						WATER MANAGEMENT STRATEGY SUPPLY (ACRE-FEET PER YEAR)					
WUG ENTITY NAME	WMS SPONSOR REGION	WMS NAME	SOURCE NAME	UNIT COST 2020	UNIT COST 2070	2020	2030	2040	2050	2060	2070
Longhorn Town UD	H	MUNICIPAL CONSERVATION, LONGHORN TOWN UD	DEMAND REDUCTION	\$621	\$483	9	13	14	15	16	16
Longhorn Town UD	H	WATER LOSS REDUCTION, LONGHORN TOWN UD	DEMAND REDUCTION	\$625	\$578	1	1	1	1	1	1
Luce Bayou PUD	H	CITY OF HOUSTON GRP	H Gulf Coast Aquifer System Harris COUNTY	N/A	\$2930	0	37	70	67	63	62
Luce Bayou PUD	H	MUNICIPAL CONSERVATION, LUCE BAYOU PUD	DEMAND REDUCTION	\$674	\$578	4	6	7	7	8	8
Luce Bayou PUD	H	WATER LOSS REDUCTION, LUCE BAYOU PUD	DEMAND REDUCTION	\$625	\$578	1	4	6	9	11	12
Madison County WSC	H	MUNICIPAL CONSERVATION, MADISON COUNTY WSC	DEMAND REDUCTION	\$928	\$644	5	8	9	11	13	15
Madison County WSC	H	WATER LOSS REDUCTION, MADISON COUNTY WSC	DEMAND REDUCTION	\$625	\$578	1	1	1	1	2	2
Madisonville	H	MUNICIPAL CONSERVATION, MADISONVILLE	DEMAND REDUCTION	\$803	\$568	26	42	50	57	61	66
Madisonville	H	WATER LOSS REDUCTION, MADISONVILLE	DEMAND REDUCTION	\$625	\$578	9	27	44	62	80	98
Magnolia	H	MUNICIPAL CONSERVATION, MAGNOLIA	DEMAND REDUCTION	\$764	\$820	30	53	71	93	122	174
Magnolia	H	SJRA GRP	H Conroe Lake/Reservoir	N/A	\$392	0	19	141	208	310	461
Magnolia	H	SJRA GRP	H Gulf Coast Aquifer System Montgomery COUNTY	N/A	\$1273	0	0	129	442	903	1,620
Manufacturing, Brazoria	H	BRAZOS SALTWATER BARRIER	H Brazos Run-of-River	N/A	\$42	0	0	10,000	10,000	10,000	10,000
Manufacturing, Brazoria	H	DOW RESERVOIR AND PUMP STATION EXPANSION	H Dow Harris Reservoir Expansion	N/A	\$96	0	73,157	73,157	73,157	73,157	73,157
Manufacturing, Brazoria	H	FREEPORT SEAWATER DESALINATION	H Gulf of Mexico Saline	N/A	\$1293	0	0	11,200	11,200	11,200	11,200
Manufacturing, Brazoria	H	GCWA BACKUP WELLS	H Gulf Coast Aquifer System Brazoria COUNTY	N/A	N/A	0	0	1,120	1,120	0	0
Manufacturing, Brazoria	H	INDUSTRIAL SUPPLY REALLOCATION	G Brazos River Authority Main Stem Lake/Reservoir System	\$1438	\$431	21,772	27,812	27,812	27,812	27,812	27,855
Manufacturing, Brazoria	H	NEW/EXPANDED CONTRACT WITH BWA	H Brazos Run-of-River	N/A	\$73	0	1,634	1,634	1,634	1,634	1,634
Manufacturing, Brazoria	H	OTHER BRA SYSTEM OPERATION SUPPLIES	G BRA System Operations Permit Supply	\$0	\$0	19,341	19,341	19,341	19,341	18,792	18,077
Manufacturing, Chambers	H	EXPANDED USE OF GROUNDWATER, CHAMBERS COUNTY	H Gulf Coast Aquifer System Chambers COUNTY	\$761	\$387	2,775	3,500	3,500	3,500	3,500	3,500
Manufacturing, Fort Bend	H	ADDITIONAL SUPPLY FROM GCWA	H Brazos Run-of-River	\$0	\$0	273	274	274	275	276	277
Manufacturing, Fort Bend	H	NEW/EXPANDED CONTRACT WITH GCWA	H Brazos Run-of-River	\$14414	\$1307	256	1,086	1,086	1,086	1,086	1,086
Manufacturing, Galveston	H	GALVESTON COUNTY INDUSTRIAL REUSE	H Direct Non-Potable Reuse	N/A	\$279	0	22,400	22,400	22,400	22,400	22,400
Manufacturing, Galveston	H	GCWA GALVESTON COUNTY RAW WATER EXPANSION	G BRA System Operations Permit Supply	\$1264	\$439	17,518	17,953	18,176	18,414	18,500	18,560

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Region H Recommended Water User Group (WUG) Water Management Strategies (WMS)

						WATER MANAGEMENT STRATEGY SUPPLY (ACRE-FEET PER YEAR)					
WUG ENTITY NAME	WMS SPONSOR REGION	WMS NAME	SOURCE NAME	UNIT COST 2020	UNIT COST 2070	2020	2030	2040	2050	2060	2070
Manufacturing, Galveston	H	GCWA GALVESTON COUNTY RAW WATER EXPANSION	H Brazos Run-of-River	\$1264	\$439	2,543	2,135	1,938	1,725	1,504	1,258
Manufacturing, Galveston	H	NEW/EXPANDED CONTRACT WITH GCWA	H Allens Creek Lake/Reservoir	N/A	\$232	0	0	13,440	13,440	13,440	13,440
Manufacturing, Harris	H	NRG CEDAR BAYOU DESALINATION	H Trinity-San Jacinto Run-of-River Brackish/Saline	N/A	\$1560	0	22,400	22,400	22,400	22,400	22,400
Manufacturing, Harris	H	SJRA REUSE SUPPLIES FOR MANUFACTURING	H San Jacinto Indirect Reuse	\$0	\$0	7,404	20,900	21,962	22,731	21,907	20,903
Manufacturing, Leon	H	EXPANDED USE OF GROUNDWATER, LEON COUNTY	H Carrizo-Wilcox Aquifer Leon COUNTY	N/A	\$1119	0	150	150	150	150	150
Manufacturing, Montgomery	H	NEW/EXPANDED CONTRACT WITH SJRA	H Conroe Lake/Reservoir	\$5520	N/A	292	570	570	0	0	0
Manufacturing, Montgomery	H	NEW/EXPANDED CONTRACT WITH SJRA	H Livingston-Wallisville Lake/Reservoir System	N/A	\$1286	0	0	0	570	570	570
Manvel	H	MANVEL SUPPLY EXPANSION	G BRA System Operations Permit Supply	N/A	\$1030	0	23	23	23	22	21
Manvel	H	MANVEL SUPPLY EXPANSION	H Manvel Mustang Bayou Reservoir	N/A	\$1397	0	6	6	6	6	6
Manvel	H	MUNICIPAL CONSERVATION, MANVEL	DEMAND REDUCTION	\$1202	\$724	5	13	20	29	38	47
Manvel	H	WATER LOSS REDUCTION, MANVEL	DEMAND REDUCTION	\$625	\$578	2	7	15	26	40	58
Mason Creek UD	H	CITY OF HOUSTON GRP	H Gulf Coast Aquifer System Harris COUNTY	N/A	\$1379	0	357	616	608	603	597
Mason Creek UD	H	MUNICIPAL CONSERVATION, MASON CREEK UD	DEMAND REDUCTION	\$634	\$541	40	53	56	61	64	70
Meadowcreek MUD	H	MISSOURI CITY GRP	G BRA System Operations Permit Supply	N/A	\$446	0	104	104	104	104	104
Meadowcreek MUD	H	MISSOURI CITY GRP	H Gulf Coast Aquifer System Fort Bend COUNTY	N/A	\$1327	0	62	107	153	163	163
Meadowcreek MUD	H	MUNICIPAL CONSERVATION, MEADOWCREEK MUD	DEMAND REDUCTION	\$826	\$608	12	20	22	24	26	30
Meadows Place	H	FORT BEND WCID 2 GRP	H Gulf Coast Aquifer System Fort Bend COUNTY	N/A	\$1420	0	204	200	205	212	222
Meadows Place	H	MUNICIPAL CONSERVATION, MEADOWS PLACE	DEMAND REDUCTION	\$750	\$596	23	32	35	39	42	48
Memorial Point UD	H	MUNICIPAL CONSERVATION, MEMORIAL POINT UD	DEMAND REDUCTION	\$772	\$618	5	8	9	10	12	13
Memorial Point UD	H	WATER LOSS REDUCTION, MEMORIAL POINT UD	DEMAND REDUCTION	\$625	\$578	4	11	19	27	34	42
Memorial Villages Water Authority	H	MUNICIPAL CONSERVATION, MEMORIAL VILLAGES WATER AUTHORITY	DEMAND REDUCTION	\$301	\$466	128	161	182	205	228	265
Memorial Villages Water Authority	H	NEW/EXPANDED CONTRACT WITH CITY OF HOUSTON	H Livingston-Wallisville Lake/Reservoir System	\$445	\$371	2,069	2,388	2,758	3,168	3,623	4,108
Mercy WSC	H	MUNICIPAL CONSERVATION, MERCY WSC	DEMAND REDUCTION	\$1141	\$719	7	12	14	17	20	25

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Region H Recommended Water User Group (WUG) Water Management Strategies (WMS)

						WATER MANAGEMENT STRATEGY SUPPLY (ACRE-FEET PER YEAR)					
WUG ENTITY NAME	WMS SPONSOR REGION	WMS NAME	SOURCE NAME	UNIT COST 2020	UNIT COST 2070	2020	2030	2040	2050	2060	2070
Mercy WSC	H	WATER LOSS REDUCTION, MERCY WSC	DEMAND REDUCTION	\$625	\$578	3	9	15	20	27	33
Mining, Austin	H	EXPANDED USE OF GROUNDWATER, AUSTIN COUNTY	H Gulf Coast Aquifer System Austin COUNTY	N/A	\$1284	0	350	350	350	350	350
Mining, Brazoria	H	INDUSTRIAL SUPPLY REALLOCATION	G Brazos River Authority Main Stem Lake/Reservoir System	N/A	\$1156	0	58	110	167	228	306
Mining, Brazoria	H	NEW/EXPANDED CONTRACT WITH BWA	H Brazos Run-of-River	N/A	\$236	0	31	59	89	122	161
Mining, Brazoria	H	NEW/EXPANDED CONTRACT WITH GCWA	H Brazos Run-of-River	N/A	\$1285	0	132	252	385	524	696
Mining, Fort Bend	H	NEW/EXPANDED CONTRACT WITH GCWA	H Brazos Run-of-River	\$0	\$241	4	10	10	10	10	10
Mining, Galveston	H	GCWA GALVESTON COUNTY RAW WATER EXPANSION	H Brazos Run-of-River	\$5032	\$1090	273	292	322	348	373	397
Mining, Galveston	H	NEW/EXPANDED CONTRACT WITH LNVA	I Sam Rayburn-Steinhagen Lake/Reservoir System	\$12774	\$2085	70	76	83	89	95	103
Mining, Harris	H	NEW/EXPANDED CONTRACT WITH CITY OF HOUSTON	H Livingston-Wallisville Lake/Reservoir System	\$817	\$387	2,946	2,927	2,875	2,843	2,818	2,798
Mining, Leon	H	EXPANDED USE OF GROUNDWATER, LEON COUNTY	H Carrizo-Wilcox Aquifer Leon COUNTY	N/A	\$1408	0	200	200	200	200	200
Mining, Liberty	H	EXPANDED USE OF GROUNDWATER, LIBERTY COUNTY	H Gulf Coast Aquifer System Liberty COUNTY	N/A	\$1408	0	500	500	500	500	500
Mining, Madison	H	EXPANDED USE OF GROUNDWATER, MADISON COUNTY	H Carrizo-Wilcox Aquifer Madison COUNTY	N/A	\$1006	0	400	400	400	400	400
Missouri City	H	MISSOURI CITY GRP	G BRA System Operations Permit Supply	N/A	\$161	0	9,136	9,141	9,148	9,155	9,161
Missouri City	H	MISSOURI CITY GRP	G Brazos River Authority Main Stem Lake/Reservoir System	\$0	\$161	7	276	318	362	383	402
Missouri City	H	MISSOURI CITY GRP	H Direct Non-Potable Reuse	\$0	\$161	163	197	223	250	277	307
Missouri City	H	MUNICIPAL CONSERVATION, MISSOURI CITY	DEMAND REDUCTION	\$848	\$638	13	23	29	36	42	51
Missouri City	H	WATER LOSS REDUCTION, MISSOURI CITY	DEMAND REDUCTION	\$625	\$578	2	4	5	6	6	7
Mont Belvieu	H	EXPANDED USE OF GROUNDWATER, CHAMBERS COUNTY	H Gulf Coast Aquifer System Chambers COUNTY	N/A	\$815	0	0	1,280	1,280	3,055	3,055
Mont Belvieu	H	MUNICIPAL CONSERVATION, MONT BELVIEU	DEMAND REDUCTION	\$427	\$575	65	102	134	169	204	252
Montgomery	H	BRACKISH GROUNDWATER SUPPLIES	H Gulf Coast Aquifer System Brackish Montgomery COUNTY	N/A	\$966	0	286	286	286	286	286
Montgomery	H	MUNICIPAL CONSERVATION, MONTGOMERY	DEMAND REDUCTION	\$565	\$445	16	37	54	69	81	95
Montgomery	H	NEW/EXPANDED CONTRACT WITH SJRA	H Conroe Lake/Reservoir	N/A	N/A	0	0	219	0	0	0
Montgomery	H	NEW/EXPANDED CONTRACT WITH SJRA	H Livingston-Wallisville Lake/Reservoir System	N/A	\$1004	0	0	0	480	751	1,181

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Region H Recommended Water User Group (WUG) Water Management Strategies (WMS)

						WATER MANAGEMENT STRATEGY SUPPLY (ACRE-FEET PER YEAR)					
WUG ENTITY NAME	WMS SPONSOR REGION	WMS NAME	SOURCE NAME	UNIT COST 2020	UNIT COST 2070	2020	2030	2040	2050	2060	2070
Montgomery	H	WATER LOSS REDUCTION, MONTGOMERY	DEMAND REDUCTION	\$625	\$578	4	17	21	25	29	35
Montgomery County MUD 112	H	MUNICIPAL CONSERVATION, MONTGOMERY COUNTY MUD 112	DEMAND REDUCTION	\$589	\$496	7	12	13	14	15	16
Montgomery County MUD 112	H	SJRA GRP	H Conroe Lake/Reservoir	N/A	\$433	0	327	324	323	307	306
Montgomery County MUD 115	H	MUNICIPAL CONSERVATION, MONTGOMERY COUNTY MUD 115	DEMAND REDUCTION	\$679	\$563	6	10	13	15	16	18
Montgomery County MUD 115	H	SJRA GRP	H Conroe Lake/Reservoir	N/A	\$446	0	252	312	308	282	280
Montgomery County MUD 119	H	MUNICIPAL CONSERVATION, MONTGOMERY COUNTY MUD 119	DEMAND REDUCTION	\$686	\$561	21	34	46	52	55	60
Montgomery County MUD 119	H	SJRA GRP	H Conroe Lake/Reservoir	N/A	\$356	0	903	1,126	1,121	1,066	1,060
Montgomery County MUD 15	H	MUNICIPAL CONSERVATION, MONTGOMERY COUNTY MUD 15	DEMAND REDUCTION	\$1075	\$758	17	29	35	46	60	86
Montgomery County MUD 15	H	SJRA GRP	H Conroe Lake/Reservoir	N/A	\$2989	0	17	92	91	57	11
Montgomery County MUD 15	H	SJRA GRP	H Gulf Coast Aquifer System Montgomery COUNTY	N/A	\$1110	0	0	0	71	222	437
Montgomery County MUD 18	H	MUNICIPAL CONSERVATION, MONTGOMERY COUNTY MUD 18	DEMAND REDUCTION	\$533	\$511	45	72	89	107	124	160
Montgomery County MUD 18	H	NEW/EXPANDED CONTRACT WITH SJRA	H Livingston-Wallisville Lake/Reservoir System	N/A	\$1049	0	0	0	129	413	1,110
Montgomery County MUD 19	H	MUNICIPAL CONSERVATION, MONTGOMERY COUNTY MUD 19	DEMAND REDUCTION	\$703	\$666	9	10	11	11	12	13
Montgomery County MUD 19	H	SJRA GRP	H Conroe Lake/Reservoir	N/A	\$421	0	358	349	347	337	339
Montgomery County MUD 56	H	MUNICIPAL CONSERVATION, MONTGOMERY COUNTY MUD 56	DEMAND REDUCTION	\$698	\$604	5	8	10	12	13	15
Montgomery County MUD 56	H	NEW/EXPANDED CONTRACT WITH SJRA	H Conroe Lake/Reservoir	N/A	N/A	0	32	84	0	0	0
Montgomery County MUD 56	H	NEW/EXPANDED CONTRACT WITH SJRA	H Livingston-Wallisville Lake/Reservoir System	N/A	\$2379	0	0	0	141	140	137
Montgomery County MUD 8	H	MONTGOMERY COUNTY MUDS 8 AND 9 GRP	H San Jacinto Indirect Reuse	\$1778	\$869	786	791	779	771	769	769
Montgomery County MUD 8	H	MUNICIPAL CONSERVATION, MONTGOMERY COUNTY MUD 8	DEMAND REDUCTION	\$1032	\$755	17	27	33	41	48	63
Montgomery County MUD 83	H	MUNICIPAL CONSERVATION, MONTGOMERY COUNTY MUD 83	DEMAND REDUCTION	\$718	\$564	11	16	18	20	22	25

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Region H Recommended Water User Group (WUG) Water Management Strategies (WMS)

						WATER MANAGEMENT STRATEGY SUPPLY (ACRE-FEET PER YEAR)					
WUG ENTITY NAME	WMS SPONSOR REGION	WMS NAME	SOURCE NAME	UNIT COST 2020	UNIT COST 2070	2020	2030	2040	2050	2060	2070
Montgomery County MUD 83	H	SJRA GRP	H Gulf Coast Aquifer System Montgomery COUNTY	N/A	\$1416	0	124	132	142	154	163
Montgomery County MUD 84	H	MUNICIPAL CONSERVATION, MONTGOMERY COUNTY MUD 84	DEMAND REDUCTION	\$823	\$608	13	23	26	29	31	35
Montgomery County MUD 84	H	WATER LOSS REDUCTION, MONTGOMERY COUNTY MUD 84	DEMAND REDUCTION	\$625	\$578	3	10	15	15	15	15
Montgomery County MUD 88	H	MUNICIPAL CONSERVATION, MONTGOMERY COUNTY MUD 88	DEMAND REDUCTION	N/A	\$564	0	4	5	6	7	7
Montgomery County MUD 88	H	SJRA GRP	H Conroe Lake/Reservoir	N/A	\$601	0	100	123	120	110	110
Montgomery County MUD 88	H	WATER LOSS REDUCTION, MONTGOMERY COUNTY MUD 88	DEMAND REDUCTION	\$625	\$578	1	2	4	5	5	5
Montgomery County MUD 89	H	MUNICIPAL CONSERVATION, MONTGOMERY COUNTY MUD 89	DEMAND REDUCTION	\$1054	\$686	15	24	27	32	38	47
Montgomery County MUD 89	H	SJRA GRP	H Conroe Lake/Reservoir	N/A	\$394	0	399	403	433	446	453
Montgomery County MUD 9	H	MONTGOMERY COUNTY MUDS 8 AND 9 GRP	H Gulf Coast Aquifer System Brackish Montgomery COUNTY	\$1778	\$869	682	682	682	682	682	682
Montgomery County MUD 9	H	MONTGOMERY COUNTY MUDS 8 AND 9 GRP	H San Jacinto Indirect Reuse	\$1778	\$869	894	889	901	909	911	911
Montgomery County MUD 9	H	MUNICIPAL CONSERVATION, MONTGOMERY COUNTY MUD 9	DEMAND REDUCTION	\$1026	\$675	34	55	66	83	92	105
Montgomery County MUD 95	H	MUNICIPAL CONSERVATION, MONTGOMERY COUNTY MUD 95	DEMAND REDUCTION	\$1003	\$683	5	9	12	14	16	19
Montgomery County MUD 95	H	SJRA GRP	H Gulf Coast Aquifer System Montgomery COUNTY	N/A	\$1304	0	162	198	195	195	194
Montgomery County MUD 98	H	MUNICIPAL CONSERVATION, MONTGOMERY COUNTY MUD 98	DEMAND REDUCTION	\$1306	\$726	6	13	17	21	23	28
Montgomery County MUD 99	H	MUNICIPAL CONSERVATION, MONTGOMERY COUNTY MUD 99	DEMAND REDUCTION	\$730	\$569	5	9	12	14	15	16
Montgomery County MUD 99	H	SJRA GRP	H Conroe Lake/Reservoir	N/A	\$625	0	73	121	119	107	102
Montgomery County MUD 99	H	WATER LOSS REDUCTION, MONTGOMERY COUNTY MUD 99	DEMAND REDUCTION	\$625	\$578	2	7	13	17	21	25
Montgomery County UD 2	H	MUNICIPAL CONSERVATION, MONTGOMERY COUNTY UD 2	DEMAND REDUCTION	\$1139	\$757	8	13	15	18	21	26
Montgomery County UD 3	H	MUNICIPAL CONSERVATION, MONTGOMERY COUNTY UD 3	DEMAND REDUCTION	\$1229	\$723	24	42	48	54	59	66

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Region H Recommended Water User Group (WUG) Water Management Strategies (WMS)

						WATER MANAGEMENT STRATEGY SUPPLY (ACRE-FEET PER YEAR)					
WUG ENTITY NAME	WMS SPONSOR REGION	WMS NAME	SOURCE NAME	UNIT COST 2020	UNIT COST 2070	2020	2030	2040	2050	2060	2070
Montgomery County UD 3	H	WATER LOSS REDUCTION, MONTGOMERY COUNTY UD 3	DEMAND REDUCTION	\$625	\$578	13	39	62	82	100	117
Montgomery County UD 4	H	BRACKISH GROUNDWATER SUPPLIES	H Gulf Coast Aquifer System Brackish Montgomery COUNTY	N/A	\$7207	0	0	0	0	0	73
Montgomery County UD 4	H	MUNICIPAL CONSERVATION, MONTGOMERY COUNTY UD 4	DEMAND REDUCTION	\$924	\$724	17	31	36	44	58	83
Montgomery County WCID 1	H	MUNICIPAL CONSERVATION, MONTGOMERY COUNTY WCID 1	DEMAND REDUCTION	\$1119	\$742	10	17	20	25	30	39
Montgomery County WCID 1	H	SJRA GRP	H Conroe Lake/Reservoir	N/A	\$572	0	56	69	95	94	122
Morgans Point	H	MUNICIPAL CONSERVATION, MORGANS POINT	DEMAND REDUCTION	\$527	\$392	4	6	7	8	8	9
Mount Houston Road MUD	H	CITY OF HOUSTON GRP	H Gulf Coast Aquifer System Harris COUNTY	N/A	N/A	0	235	0	0	0	0
Mount Houston Road MUD	H	CITY OF HOUSTON GRP	H Livingston-Wallisville Lake/Reservoir System	N/A	\$626	0	0	643	693	729	750
Mount Houston Road MUD	H	MUNICIPAL CONSERVATION, MOUNT HOUSTON ROAD MUD	DEMAND REDUCTION	\$803	\$621	19	31	39	47	54	66
MSEC Enterprises	H	MUNICIPAL CONSERVATION, MSEC ENTERPRISES	DEMAND REDUCTION	\$647	\$542	120	264	334	412	505	610
MSEC Enterprises	H	SJRA GRP	H Conroe Lake/Reservoir	N/A	\$332	0	3,682	3,887	4,226	4,393	4,699
Nassau Bay	H	MUNICIPAL CONSERVATION, NASSAU BAY	DEMAND REDUCTION	\$792	\$569	27	40	45	49	51	54
Nassau Bay	H	WATER LOSS REDUCTION, NASSAU BAY	DEMAND REDUCTION	\$625	\$578	6	18	28	28	28	29
Needville	H	MUNICIPAL CONSERVATION, NEEDVILLE	DEMAND REDUCTION	\$1163	\$734	10	17	18	21	24	29
New Caney MUD	H	MUNICIPAL CONSERVATION, NEW CANEY MUD	DEMAND REDUCTION	\$1326	\$1043	32	58	70	79	84	92
New Caney MUD	H	SJRA GRP	H Gulf Coast Aquifer System Montgomery COUNTY	N/A	\$1121	0	0	34	108	216	350
New Waverly	H	MUNICIPAL CONSERVATION, NEW WAVERLY	DEMAND REDUCTION	\$1014	\$605	6	11	13	14	15	15
New Waverly	H	WATER LOSS REDUCTION, NEW WAVERLY	DEMAND REDUCTION	\$625	\$578	1	3	3	3	3	3
Newport MUD	H	MUNICIPAL CONSERVATION, NEWPORT MUD	DEMAND REDUCTION	\$1000	\$677	33	52	58	67	73	88
Newport MUD	H	WATER LOSS REDUCTION, NEWPORT MUD	DEMAND REDUCTION	\$625	\$578	6	17	20	20	20	21
Normangee	H	MUNICIPAL CONSERVATION, NORMANGEE	DEMAND REDUCTION	\$1052	\$612	4	7	9	10	11	12
North Belt UD	H	CITY OF HOUSTON GRP	H Gulf Coast Aquifer System Harris COUNTY	N/A	N/A	0	121	0	0	0	0

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Region H Recommended Water User Group (WUG) Water Management Strategies (WMS)

						WATER MANAGEMENT STRATEGY SUPPLY (ACRE-FEET PER YEAR)					
WUG ENTITY NAME	WMS SPONSOR REGION	WMS NAME	SOURCE NAME	UNIT COST 2020	UNIT COST 2070	2020	2030	2040	2050	2060	2070
North Belt UD	H	CITY OF HOUSTON GRP	H Livingston-Wallisville Lake/Reservoir System	N/A	\$663	0	0	374	380	390	399
North Belt UD	H	MUNICIPAL CONSERVATION, NORTH BELT UD	DEMAND REDUCTION	\$739	\$532	14	21	24	26	28	30
North Belt UD	H	WATER LOSS REDUCTION, NORTH BELT UD	DEMAND REDUCTION	\$625	\$578	3	8	8	8	8	9
North Channel Water Authority	H	MUNICIPAL CONSERVATION, NORTH CHANNEL WATER AUTHORITY	DEMAND REDUCTION	\$945	\$612	300	490	556	660	748	922
North Channel Water Authority	H	WATER LOSS REDUCTION, NORTH CHANNEL WATER AUTHORITY	DEMAND REDUCTION	\$625	\$578	61	175	233	236	241	246
North Forest MUD	H	CITY OF HOUSTON GRP	H Gulf Coast Aquifer System Harris COUNTY	N/A	N/A	0	37	0	0	0	0
North Forest MUD	H	CITY OF HOUSTON GRP	H Livingston-Wallisville Lake/Reservoir System	N/A	\$881	0	0	126	117	111	103
North Forest MUD	H	MUNICIPAL CONSERVATION, NORTH FOREST MUD	DEMAND REDUCTION	\$844	\$633	6	9	10	11	11	13
North Forest MUD	H	WATER LOSS REDUCTION, NORTH FOREST MUD	DEMAND REDUCTION	\$625	\$578	4	13	20	26	32	38
North Fort Bend Water Authority	H	MUNICIPAL CONSERVATION, NORTH FORT BEND WATER AUTHORITY	DEMAND REDUCTION	\$648	\$551	1,693	3,124	4,415	5,861	6,643	7,974
North Fort Bend Water Authority	H	NFBWA GRP	H Livingston-Wallisville Lake/Reservoir System	N/A	\$432	0	48,238	47,667	39,106	37,750	35,840
North Fort Bend Water Authority	H	NFBWA GRP	H San Jacinto Indirect Reuse	N/A	\$488	0	10,621	13,836	22,441	23,825	25,793
North Fort Bend Water Authority	H	NFBWA MEMBER DISTRICT REUSE	H Direct Non-Potable Reuse	\$1695	\$835	3,816	3,816	3,816	3,816	3,816	3,816
North Fort Bend Water Authority	H	WASTEWATER RECLAMATION FOR MUNICIPAL IRRIGATION	H Direct Non-Potable Reuse	N/A	\$854	0	937	1,672	2,099	2,325	2,441
North Green MUD	H	CITY OF HOUSTON GRP	H Gulf Coast Aquifer System Harris COUNTY	N/A	N/A	0	123	0	0	0	0
North Green MUD	H	CITY OF HOUSTON GRP	H Livingston-Wallisville Lake/Reservoir System	N/A	\$671	0	0	363	362	366	368
North Green MUD	H	MUNICIPAL CONSERVATION, NORTH GREEN MUD	DEMAND REDUCTION	\$689	\$612	11	13	14	15	16	18
North Harris County Regional Water Authority	H	MUNICIPAL CONSERVATION, NORTH HARRIS COUNTY REGIONAL WATER AUTHORITY	DEMAND REDUCTION	\$800	\$599	3,512	5,827	6,979	8,620	9,487	11,403
North Harris County Regional Water Authority	H	NHCRWA GRP	H Houston Lake/Reservoir	N/A	\$448	0	27,446	21,004	18,677	14,324	6,782
North Harris County Regional Water Authority	H	NHCRWA GRP	H Livingston-Wallisville Lake/Reservoir System	N/A	\$448	0	90,202	90,813	75,596	75,448	75,818
North Harris County Regional Water Authority	H	NHCRWA GRP	H San Jacinto Indirect Reuse	N/A	\$503	0	19,858	27,630	44,932	49,222	56,255
North Harris County Regional Water Authority	H	NHCRWA MEMBER DISTRICT REUSE	H Direct Non-Potable Reuse	\$1913	\$905	300	300	300	300	300	300

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Region H Recommended Water User Group (WUG) Water Management Strategies (WMS)

						WATER MANAGEMENT STRATEGY SUPPLY (ACRE-FEET PER YEAR)					
WUG ENTITY NAME	WMS SPONSOR REGION	WMS NAME	SOURCE NAME	UNIT COST 2020	UNIT COST 2070	2020	2030	2040	2050	2060	2070
North Harris County Regional Water Authority	H	WASTEWATER RECLAMATION FOR MUNICIPAL IRRIGATION	H Direct Non-Potable Reuse	N/A	\$214	0	439	798	1,103	1,372	1,618
North Zulch MUD	H	MUNICIPAL CONSERVATION, NORTH ZULCH MUD	DEMAND REDUCTION	\$952	\$677	7	11	12	14	16	20
North Zulch MUD	H	WATER LOSS REDUCTION, NORTH ZULCH MUD	DEMAND REDUCTION	\$625	\$578	1	4	8	10	12	12
Northwest Harris County MUD 16	H	CITY OF HOUSTON GRP	H Gulf Coast Aquifer System Harris COUNTY	N/A	\$1662	0	140	238	232	230	225
Northwest Harris County MUD 16	H	MUNICIPAL CONSERVATION, NORTHWEST HARRIS COUNTY MUD 16	DEMAND REDUCTION	\$783	\$605	15	23	24	26	28	32
Oak Hollow Utility	H	MUNICIPAL CONSERVATION, OAK HOLLOW UTILITY	DEMAND REDUCTION	\$1054	\$723	7	13	16	22	27	37
Oak Ridge North	H	MUNICIPAL CONSERVATION, OAK RIDGE NORTH	DEMAND REDUCTION	\$856	\$555	17	28	34	38	39	39
Oak Ridge North	H	SJRA GRP	H Conroe Lake/Reservoir	N/A	\$506	0	156	179	192	159	161
Onalaska WSC	H	MUNICIPAL CONSERVATION, ONALASKA WSC	DEMAND REDUCTION	\$1213	\$746	14	27	36	46	55	70
Onalaska WSC	H	WATER LOSS REDUCTION, ONALASKA WSC	DEMAND REDUCTION	\$625	\$578	2	9	16	22	23	25
One Five O WSC	H	MUNICIPAL CONSERVATION, ONE FIVE O WSC	DEMAND REDUCTION	\$1006	\$686	10	16	19	23	26	33
One Five O WSC	H	WATER LOSS REDUCTION, ONE FIVE O WSC	DEMAND REDUCTION	\$625	\$578	3	8	14	20	25	31
Oyster Creek	H	DOW RESERVOIR AND PUMP STATION EXPANSION	H Dow Harris Reservoir Expansion	N/A	\$96	0	11	11	11	11	11
Oyster Creek	H	MUNICIPAL CONSERVATION, OYSTER CREEK	DEMAND REDUCTION	\$847	\$550	7	12	13	14	15	17
P B & S C WSC	H	MUNICIPAL CONSERVATION, P B & S C WSC	DEMAND REDUCTION	\$915	\$659	8	13	15	18	20	25
Palmer Plantation MUD 1	H	MISSOURI CITY GRP	G BRA System Operations Permit Supply	N/A	\$400	0	138	138	138	138	138
Palmer Plantation MUD 1	H	MISSOURI CITY GRP	H Gulf Coast Aquifer System Fort Bend COUNTY	N/A	\$1165	0	83	143	204	218	218
Palmer Plantation MUD 1	H	MUNICIPAL CONSERVATION, PALMER PLANTATION MUD 1	DEMAND REDUCTION	\$537	\$492	14	21	23	25	26	28
Palmer Plantation MUD 2	H	MISSOURI CITY GRP	G BRA System Operations Permit Supply	N/A	\$596	0	68	68	68	68	68
Palmer Plantation MUD 2	H	MISSOURI CITY GRP	H Gulf Coast Aquifer System Fort Bend COUNTY	N/A	\$1683	0	41	70	100	106	106
Palmer Plantation MUD 2	H	MUNICIPAL CONSERVATION, PALMER PLANTATION MUD 2	DEMAND REDUCTION	\$739	\$590	11	15	16	18	19	22
Panorama Village	H	BRACKISH GROUNDWATER SUPPLIES	H Gulf Coast Aquifer System Brackish Montgomery COUNTY	\$0	\$0	33	48	48	48	48	48

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Region H Recommended Water User Group (WUG) Water Management Strategies (WMS)

						WATER MANAGEMENT STRATEGY SUPPLY (ACRE-FEET PER YEAR)					
WUG ENTITY NAME	WMS SPONSOR REGION	WMS NAME	SOURCE NAME	UNIT COST 2020	UNIT COST 2070	2020	2030	2040	2050	2060	2070
Panorama Village	H	MUNICIPAL CONSERVATION, PANORAMA VILLAGE	DEMAND REDUCTION	\$717	\$599	16	23	25	30	35	43
Panorama Village	H	NEW/EXPANDED CONTRACT WITH SJRA	H Conroe Lake/Reservoir	N/A	N/A	0	0	6	0	0	0
Panorama Village	H	NEW/EXPANDED CONTRACT WITH SJRA	H Livingston-Wallisville Lake/Reservoir System	N/A	\$1856	0	0	0	45	104	183
Parkway MUD	H	MUNICIPAL CONSERVATION, PARKWAY MUD	DEMAND REDUCTION	\$1202	\$726	20	34	38	43	47	57
Pasadena	H	MUNICIPAL CONSERVATION, PASADENA	DEMAND REDUCTION	\$741	\$551	609	951	1,084	1,247	1,434	1,645
Pattison WSC	H	MUNICIPAL CONSERVATION, PATTISON WSC	DEMAND REDUCTION	\$736	\$620	8	13	16	21	26	32
Pearland	H	CITY OF PEARLAND REUSE	H Direct Non-Potable Reuse	\$854	\$142	314	1,154	1,154	1,154	1,154	1,154
Pearland	H	MUNICIPAL CONSERVATION, PEARLAND	DEMAND REDUCTION	\$871	\$609	560	949	1,153	1,443	1,790	2,204
Pearland	H	PEARLAND SWTP	G Brazos River Authority Main Stem Lake/Reservoir System	N/A	\$242	0	1,794	1,794	1,794	1,795	1,795
Pearland	H	PEARLAND SWTP	H Brazos Run-of-River	N/A	\$242	0	20,606	20,606	20,606	20,605	20,605
Pearland	H	WATER LOSS REDUCTION, PEARLAND	DEMAND REDUCTION	\$625	\$578	101	251	274	298	322	345
Pecan Grove MUD 1	H	ADDITIONAL SUPPLY FROM GCWA	H Brazos Run-of-River	\$0	\$0	402	403	403	404	406	407
Pecan Grove MUD 1	H	MUNICIPAL CONSERVATION, PECAN GROVE MUD 1	DEMAND REDUCTION	\$742	\$581	66	93	100	109	115	126
Pennington WSC*	H	MUNICIPAL CONSERVATION, PENNINGTON WSC	DEMAND REDUCTION	\$1238	\$748	4	7	8	9	10	12
Phelps SUD	H	MUNICIPAL CONSERVATION, PHELPS SUD	DEMAND REDUCTION	\$879	\$641	7	10	11	13	14	17
Pine Village PUD	H	CITY OF HOUSTON GRP	H Livingston-Wallisville Lake/Reservoir System	N/A	\$990	0	0	69	69	69	69
Pine Village PUD	H	MUNICIPAL CONSERVATION, PINE VILLAGE PUD	DEMAND REDUCTION	\$1013	\$706	8	12	14	17	19	24
Pine Village PUD	H	WATER LOSS REDUCTION, PINE VILLAGE PUD	DEMAND REDUCTION	\$625	\$578	1	1	1	1	1	1
Pinehurst Decker Prairie WSC	H	SJRA GRP	H Gulf Coast Aquifer System Montgomery COUNTY	N/A	\$1072	0	12	73	162	301	543
Pinehurst Decker Prairie WSC	H	WATER LOSS REDUCTION, PINEHURST DECKER PRAIRIE WSC	DEMAND REDUCTION	\$625	\$578	1	2	5	8	12	20
Pinewood Community	H	MUNICIPAL CONSERVATION, PINEWOOD COMMUNITY	DEMAND REDUCTION	\$885	\$675	4	6	6	7	8	9
Pinewood Community	H	NHCRWA GRP	H Gulf Coast Aquifer System Harris COUNTY	N/A	\$3546	0	30	51	49	48	47
Plantation MUD	H	MUNICIPAL CONSERVATION, PLANTATION MUD	DEMAND REDUCTION	\$997	\$676	14	22	23	26	28	33

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Region H Recommended Water User Group (WUG) Water Management Strategies (WMS)

						WATER MANAGEMENT STRATEGY SUPPLY (ACRE-FEET PER YEAR)					
WUG ENTITY NAME	WMS SPONSOR REGION	WMS NAME	SOURCE NAME	UNIT COST 2020	UNIT COST 2070	2020	2030	2040	2050	2060	2070
Plantation MUD	H	SUGAR LAND IWRP	H Gulf Coast Aquifer System Fort Bend COUNTY	N/A	\$1994	0	113	104	99	98	98
Point Aquarius MUD	H	MUNICIPAL CONSERVATION, POINT AQUARIUS MUD	DEMAND REDUCTION	\$770	\$623	13	18	21	24	29	36
Point Aquarius MUD	H	SJRA GRP	H Gulf Coast Aquifer System Montgomery COUNTY	N/A	\$1355	0	0	20	55	105	172
Porter SUD	H	NEW/EXPANDED CONTRACT WITH SJRA	H Livingston-Wallisville Lake/Reservoir System	N/A	\$1033	0	0	0	316	735	1,083
Porter SUD	H	PORTER SUD JOINT GRP	H San Jacinto Indirect Reuse	\$1346	\$699	1,680	2,240	2,240	2,240	2,240	2,240
Prairie View	H	MUNICIPAL CONSERVATION, PRAIRIE VIEW	DEMAND REDUCTION	\$543	\$513	21	35	48	64	82	104
Providence WSC	H	MUNICIPAL CONSERVATION, PROVIDENCE WSC	DEMAND REDUCTION	\$1182	N/A	6	5	0	0	0	0
Quadvest	H	MUNICIPAL CONSERVATION, QUADVEST	DEMAND REDUCTION	\$737	\$630	162	290	400	580	832	1,176
Quadvest	H	NFBWA GRP	H Gulf Coast Aquifer System Fort Bend COUNTY	N/A	\$1412	0	157	228	309	406	506
Quadvest	H	NHCRWA GRP	H Gulf Coast Aquifer System Harris COUNTY	N/A	\$1312	0	73	163	213	278	342
Quadvest	H	ROSENBERG GRP	H Gulf Coast Aquifer System Fort Bend COUNTY	N/A	\$838	0	176	254	347	461	584
Quadvest	H	SJRA GRP	H Conroe Lake/Reservoir	N/A	\$429	0	2,041	2,806	4,694	6,981	6,981
Quadvest	H	SJRA GRP	H Livingston-Wallisville Lake/Reservoir System	N/A	\$429	0	0	0	0	0	2,401
Quail Valley UD	H	MISSOURI CITY GRP	G BRA System Operations Permit Supply	N/A	\$561	0	74	74	74	74	74
Quail Valley UD	H	MISSOURI CITY GRP	H Direct Non-Potable Reuse	\$0	\$161	286	478	486	486	486	486
Quail Valley UD	H	MISSOURI CITY GRP	H Gulf Coast Aquifer System Fort Bend COUNTY	N/A	\$1173	0	0	138	192	202	202
Quail Valley UD	H	MUNICIPAL CONSERVATION, QUAIL VALLEY UD	DEMAND REDUCTION	\$713	\$574	67	112	156	193	222	255
Ranch Utilities	H	MUNICIPAL CONSERVATION, RANCH UTILITIES	DEMAND REDUCTION	\$950	\$654	5	9	10	12	13	15
Ranch Utilities	H	SJRA GRP	H Gulf Coast Aquifer System Montgomery COUNTY	N/A	\$5147	0	36	32	30	30	30
Rayford Road MUD	H	MUNICIPAL CONSERVATION, RAYFORD ROAD MUD	DEMAND REDUCTION	\$853	\$633	42	61	69	83	96	116
Rayford Road MUD	H	SJRA GRP	H Conroe Lake/Reservoir	N/A	\$382	0	351	429	523	535	554
Richmond	H	MUNICIPAL CONSERVATION, RICHMOND	DEMAND REDUCTION	\$681	\$571	57	86	100	110	126	174
Richmond	H	RICHMOND GRP	G BRA System Operations Permit Supply	N/A	\$350	0	607	665	765	804	822

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Region H Recommended Water User Group (WUG) Water Management Strategies (WMS)

						WATER MANAGEMENT STRATEGY SUPPLY (ACRE-FEET PER YEAR)					
WUG ENTITY NAME	WMS SPONSOR REGION	WMS NAME	SOURCE NAME	UNIT COST 2020	UNIT COST 2070	2020	2030	2040	2050	2060	2070
Richmond	H	RICHMOND GRP	H Allens Creek Lake/Reservoir	N/A	\$561	0	0	0	0	0	7
Richwood	H	DOW RESERVOIR AND PUMP STATION EXPANSION	H Dow Harris Reservoir Expansion	N/A	\$257	0	224	224	224	224	224
Richwood	H	MUNICIPAL CONSERVATION, RICHWOOD	DEMAND REDUCTION	\$1228	\$779	13	21	23	27	31	38
Richwood	H	WATER LOSS REDUCTION, RICHWOOD	DEMAND REDUCTION	\$625	\$578	3	8	13	17	19	20
River Plantation MUD	H	MUNICIPAL CONSERVATION, RIVER PLANTATION MUD	DEMAND REDUCTION	\$594	\$514	17	24	31	39	48	56
River Plantation MUD	H	NEW/EXPANDED CONTRACT WITH SJRA	H Livingston-Wallisville Lake/Reservoir System	N/A	\$1468	0	0	0	148	354	422
River Plantation MUD	H	RIVER PLANTATION AND EAST PLANTATION JOINT GRP	H Direct Non-Potable Reuse	N/A	\$0	0	5	51	51	51	51
Rolling Fork PUD	H	MUNICIPAL CONSERVATION, ROLLING FORK PUD	DEMAND REDUCTION	\$624	\$528	13	17	19	20	21	23
Rolling Fork PUD	H	NEW/EXPANDED CONTRACT WITH CITY OF HOUSTON	H Livingston-Wallisville Lake/Reservoir System	N/A	\$563	0	64	148	145	143	141
Roman Forest Consolidated MUD	H	MUNICIPAL CONSERVATION, ROMAN FOREST CONSOLIDATED MUD	DEMAND REDUCTION	\$840	\$668	8	12	14	17	20	26
Roman Forest Consolidated MUD	H	SJRA GRP	H Gulf Coast Aquifer System Montgomery COUNTY	N/A	\$1477	0	0	21	54	98	155
Rosenberg	H	MUNICIPAL CONSERVATION, ROSENBERG	DEMAND REDUCTION	\$1061	\$641	140	247	294	353	408	514
Rosenberg	H	ROSENBERG GRP	H Brazos Run-of-River	N/A	\$46	0	2,697	2,617	2,620	2,620	2,620
Royal Valley Utilities	H	MUNICIPAL CONSERVATION, ROYAL VALLEY UTILITIES	DEMAND REDUCTION	\$493	\$455	16	25	30	33	35	38
Royal Valley Utilities	H	NFBWA GRP	H Gulf Coast Aquifer System Fort Bend COUNTY	N/A	\$1772	0	97	122	121	120	118
Royal Valley Utilities	H	SUGAR LAND IWRP	H Gulf Coast Aquifer System Fort Bend COUNTY	N/A	\$1356	0	174	218	217	217	217
Sagemeadow UD	H	MUNICIPAL CONSERVATION, SAGEMEADOW UD	DEMAND REDUCTION	\$985	\$704	23	37	43	51	60	74
San Jacinto SUD	H	MUNICIPAL CONSERVATION, SAN JACINTO SUD	DEMAND REDUCTION	\$1146	\$737	10	17	20	24	28	35
San Leon MUD	H	GCWA GALVESTON COUNTY TREATED WATER EXPANSION	H Brazos Run-of-River	N/A	\$340	0	420	421	422	423	424
Seabrook	H	MUNICIPAL CONSERVATION, SEABROOK	DEMAND REDUCTION	\$955	\$671	52	78	87	97	104	115
Sealy	H	MUNICIPAL CONSERVATION, SEALY	DEMAND REDUCTION	\$818	\$567	37	63	79	92	105	117
Sedona Lakes MUD 1	H	MUNICIPAL CONSERVATION, SEDONA LAKES MUD 1	DEMAND REDUCTION	\$921	\$698	6	10	12	15	18	22

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Region H Recommended Water User Group (WUG) Water Management Strategies (WMS)

						WATER MANAGEMENT STRATEGY SUPPLY (ACRE-FEET PER YEAR)					
WUG ENTITY NAME	WMS SPONSOR REGION	WMS NAME	SOURCE NAME	UNIT COST 2020	UNIT COST 2070	2020	2030	2040	2050	2060	2070
Sedona Lakes MUD 1	H	WATER LOSS REDUCTION, SEDONA LAKES MUD 1	DEMAND REDUCTION	\$625	\$578	1	4	7	10	11	13
Sequoia Improvement District	H	CITY OF HOUSTON GRP	H Gulf Coast Aquifer System Harris COUNTY	N/A	\$2520	0	43	80	77	77	75
Sequoia Improvement District	H	MUNICIPAL CONSERVATION, SEQUOIA IMPROVEMENT DISTRICT	DEMAND REDUCTION	\$807	\$581	5	8	9	10	10	12
Sequoia Improvement District	H	WATER LOSS REDUCTION, SEQUOIA IMPROVEMENT DISTRICT	DEMAND REDUCTION	\$625	\$578	1	3	6	7	7	7
Shenandoah	H	MUNICIPAL CONSERVATION, SHENANDOAH	DEMAND REDUCTION	\$707	\$456	33	62	83	94	99	99
Shenandoah	H	NEW/EXPANDED CONTRACT WITH SJRA	H Conroe Lake/Reservoir	\$18417	N/A	112	463	597	0	0	0
Shenandoah	H	NEW/EXPANDED CONTRACT WITH SJRA	H Livingston-Wallisville Lake/Reservoir System	N/A	\$1081	0	0	0	691	810	969
Shepherd	H	MUNICIPAL CONSERVATION, SHEPHERD	DEMAND REDUCTION	\$1066	\$705	10	17	20	24	28	34
Shoreacres	H	MUNICIPAL CONSERVATION, SHOREACRES	DEMAND REDUCTION	\$674	\$568	10	13	14	16	17	20
Sienna Plantation	H	MISSOURI CITY GRP	G BRA System Operations Permit Supply	N/A	\$192	0	3,607	3,607	3,607	3,607	3,607
Sienna Plantation	H	MISSOURI CITY GRP	G Brazos River Authority Main Stem Lake/Reservoir System	N/A	\$192	0	0	0	0	26	334
Sienna Plantation	H	MISSOURI CITY GRP	H Direct Non-Potable Reuse	\$0	\$161	1,956	2,489	3,383	4,278	5,173	5,420
Sienna Plantation	H	MUNICIPAL CONSERVATION, SIENNA PLANTATION	DEMAND REDUCTION	\$728	\$604	146	257	369	540	753	1,018
Soda WSC*	H	MUNICIPAL CONSERVATION, SODA WSC	DEMAND REDUCTION	\$1136	\$728	6	10	12	15	17	21
South Cleveland WSC	H	MUNICIPAL CONSERVATION, SOUTH CLEVELAND WSC	DEMAND REDUCTION	\$1131	\$743	8	14	17	21	25	31
South Houston	H	MUNICIPAL CONSERVATION, SOUTH HOUSTON	DEMAND REDUCTION	\$1054	\$573	53	100	123	136	146	164
South Houston	H	WATER LOSS REDUCTION, SOUTH HOUSTON	DEMAND REDUCTION	\$625	\$578	22	61	98	132	167	202
Southeast WSC	H	MUNICIPAL CONSERVATION, SOUTHEAST WSC	DEMAND REDUCTION	\$1305	\$740	10	18	21	26	30	38
Southeast WSC	H	WATER LOSS REDUCTION, SOUTHEAST WSC	DEMAND REDUCTION	\$625	\$578	3	9	15	21	28	35
Southern Montgomery County MUD	H	MUNICIPAL CONSERVATION, SOUTHERN MONTGOMERY COUNTY MUD	DEMAND REDUCTION	\$878	\$685	32	44	48	53	57	66
Southern Montgomery County MUD	H	WATER LOSS REDUCTION, SOUTHERN MONTGOMERY COUNTY MUD	DEMAND REDUCTION	\$625	\$578	21	60	95	128	158	188
Southern Water	H	CITY OF HOUSTON GRP	H Gulf Coast Aquifer System Harris COUNTY	N/A	\$1666	0	128	214	207	203	198
Southern Water	H	MUNICIPAL CONSERVATION, SOUTHERN WATER	DEMAND REDUCTION	\$931	\$638	14	22	25	28	30	35

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Region H Recommended Water User Group (WUG) Water Management Strategies (WMS)

						WATER MANAGEMENT STRATEGY SUPPLY (ACRE-FEET PER YEAR)					
WUG ENTITY NAME	WMS SPONSOR REGION	WMS NAME	SOURCE NAME	UNIT COST 2020	UNIT COST 2070	2020	2030	2040	2050	2060	2070
Southside Place	H	MUNICIPAL CONSERVATION, SOUTHSIDE PLACE	DEMAND REDUCTION	\$624	\$535	9	12	13	14	15	18
Southwest Harris County MUD 1	H	MUNICIPAL CONSERVATION, SOUTHWEST HARRIS COUNTY MUD 1	DEMAND REDUCTION	\$1128	N/A	5	8	3	0	0	0
Splendora	H	MUNICIPAL CONSERVATION, SPLENDORA	DEMAND REDUCTION	\$1117	\$1007	26	45	56	76	99	151
Splendora	H	SJRA GRP	H Gulf Coast Aquifer System Montgomery COUNTY	N/A	\$895	0	43	178	359	596	898
Splendora	H	WATER LOSS REDUCTION, SPLENDORA	DEMAND REDUCTION	\$625	\$578	9	26	49	77	115	165
Spring Creek UD	H	MUNICIPAL CONSERVATION, SPRING CREEK UD	DEMAND REDUCTION	\$1076	\$699	33	56	65	79	101	164
Spring Creek UD	H	SJRA GRP	H Conroe Lake/Reservoir	N/A	\$357	0	916	950	1,028	1,030	1,002
Spring Meadows MUD	H	MUNICIPAL CONSERVATION, SPRING MEADOWS MUD	DEMAND REDUCTION	\$1204	\$710	11	20	22	25	27	29
Spring Valley	H	MUNICIPAL CONSERVATION, SPRING VALLEY	DEMAND REDUCTION	\$583	\$512	28	40	46	53	60	69
Stanley Lake MUD	H	BRACKISH GROUNDWATER SUPPLIES	H Gulf Coast Aquifer System Brackish Montgomery COUNTY	N/A	\$1125	0	0	0	139	169	169
Stanley Lake MUD	H	MUNICIPAL CONSERVATION, STANLEY LAKE MUD	DEMAND REDUCTION	\$784	\$624	19	31	43	59	79	108
Stanley Lake MUD	H	NEW/EXPANDED CONTRACT WITH SJRA	H Livingston-Wallisville Lake/Reservoir System	N/A	\$2757	0	0	0	0	306	741
Steam-Electric Power, Chambers	H	NEW/EXPANDED CONTRACT WITH CITY OF HOUSTON	H Livingston-Wallisville Lake/Reservoir System	\$598	\$373	1,387	1,387	1,387	1,387	1,387	1,387
Steam-Electric Power, Harris	H	NEW/EXPANDED CONTRACT WITH CITY OF HOUSTON	H Livingston-Wallisville Lake/Reservoir System	\$481	\$372	3,581	3,581	3,581	3,581	3,581	3,581
Suburban Utility	H	CITY OF HOUSTON GRP	H Gulf Coast Aquifer System Harris COUNTY	N/A	\$2076	0	71	130	124	121	116
Suburban Utility	H	MUNICIPAL CONSERVATION, SUBURBAN UTILITY	DEMAND REDUCTION	\$1127	\$697	12	20	21	24	26	31
Suburban Utility	H	WATER LOSS REDUCTION, SUBURBAN UTILITY	DEMAND REDUCTION	\$625	\$578	2	5	5	5	5	5
Sugar Land	H	ADDITIONAL SUPPLY FROM GCWA	H Brazos Run-of-River	\$0	\$0	3,410	3,419	3,429	3,438	3,447	3,456
Sugar Land	H	MUNICIPAL CONSERVATION, SUGAR LAND	DEMAND REDUCTION	\$631	\$502	889	1,422	1,610	1,763	2,018	2,306
Sugar Land	H	SUGAR LAND IWRP	DEMAND REDUCTION	N/A	\$156	0	1,266	1,322	1,322	1,322	1,322
Sugar Land	H	SUGAR LAND IWRP	G BRA System Operations Permit Supply	N/A	\$354	0	2,518	6,956	6,956	6,956	6,956
Sugar Land	H	SUGAR LAND IWRP	G Brazos River Authority Main Stem Lake/Reservoir System	N/A	\$354	0	5,916	5,916	5,916	5,916	5,916
Sugar Land	H	SUGAR LAND IWRP	H Direct Non-Potable Reuse	N/A	\$340	0	1,232	1,680	1,680	1,680	1,680

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Region H Recommended Water User Group (WUG) Water Management Strategies (WMS)

						WATER MANAGEMENT STRATEGY SUPPLY (ACRE-FEET PER YEAR)					
WUG ENTITY NAME	WMS SPONSOR REGION	WMS NAME	SOURCE NAME	UNIT COST 2020	UNIT COST 2070	2020	2030	2040	2050	2060	2070
Sugar Land	H	WATER LOSS REDUCTION, SUGAR LAND	DEMAND REDUCTION	\$625	\$578	38	40	43	45	46	47
Sunbelt FWSD	H	CITY OF HOUSTON GRP	H Livingston-Wallisville Lake/Reservoir System	N/A	\$624	0	0	851	851	851	851
Sunbelt FWSD	H	MUNICIPAL CONSERVATION, SUNBELT FWSD	DEMAND REDUCTION	\$1119	\$664	94	167	196	241	283	365
Sunbelt FWSD	H	WATER LOSS REDUCTION, SUNBELT FWSD	DEMAND REDUCTION	\$625	\$578	19	55	87	112	118	125
Surfside Beach	H	MUNICIPAL CONSERVATION, SURFSIDE BEACH	DEMAND REDUCTION	\$563	\$496	5	8	8	9	9	10
Surfside Beach	H	SURFSIDE BEACH SUPPLY ENHANCEMENT	H Brazos Run-of-River	\$450	\$36	323	323	323	323	323	323
Sweeny	H	MUNICIPAL CONSERVATION, SWEENY	DEMAND REDUCTION	\$898	\$605	16	26	29	31	32	34
T & W Water Service	H	MUNICIPAL CONSERVATION, T & W WATER SERVICE	DEMAND REDUCTION	\$571	\$613	51	81	104	137	186	308
T & W Water Service	H	SJRA GRP	H Conroe Lake/Reservoir	N/A	\$659	0	587	725	1,207	1,797	2,448
Tarkington SUD	H	MUNICIPAL CONSERVATION, TARKINGTON SUD	DEMAND REDUCTION	\$1097	\$718	14	25	32	40	48	62
TDCJ Jester Units	H	MUNICIPAL CONSERVATION, TDCJ JESTER UNITS	DEMAND REDUCTION	\$295	\$328	31	36	37	39	40	43
TDCJ Jester Units	H	SUGAR LAND IWRP	H Gulf Coast Aquifer System Fort Bend COUNTY	N/A	\$1458	0	398	396	394	394	394
TDCJ Ramsey Area	H	MUNICIPAL CONSERVATION, TDCJ RAMSEY AREA	DEMAND REDUCTION	\$136	\$184	34	36	36	37	38	39
Tempe WSC 1	H	MUNICIPAL CONSERVATION, TEMPE WSC 1	DEMAND REDUCTION	\$1042	\$712	7	12	14	17	19	23
Texas City	H	GCWA GALVESTON COUNTY TREATED WATER EXPANSION	H Brazos Run-of-River	N/A	\$270	0	12,455	12,460	12,465	12,470	12,475
Texas City	H	MUNICIPAL CONSERVATION, TEXAS CITY	DEMAND REDUCTION	\$1022	\$632	221	381	453	548	634	793
Texas City	H	WATER LOSS REDUCTION, TEXAS CITY	DEMAND REDUCTION	\$625	\$578	80	242	404	564	725	883
The Commons Water Supply	H	CITY OF HOUSTON GRP	H Gulf Coast Aquifer System Harris COUNTY	N/A	\$1579	0	112	204	211	214	215
The Commons Water Supply	H	MUNICIPAL CONSERVATION, THE COMMONS WATER SUPPLY	DEMAND REDUCTION	\$778	\$603	12	18	20	22	25	29
The Woodlands	H	MUNICIPAL CONSERVATION, THE WOODLANDS	DEMAND REDUCTION	\$1762	\$696	174	474	592	789	1,037	1,363
The Woodlands	H	NHCRWA GRP	H Gulf Coast Aquifer System Harris COUNTY	N/A	N/A	0	1,260	0	0	0	0
The Woodlands	H	NHCRWA GRP	H Houston Lake/Reservoir	N/A	\$455	0	0	2,367	2,561	2,700	2,795
The Woodlands	H	SJRA GRP	H Conroe Lake/Reservoir	\$789	\$333	1,567	7,305	8,351	9,661	10,041	10,041
The Woodlands	H	SJRA GRP	H Livingston-Wallisville Lake/Reservoir System	N/A	\$333	0	0	0	0	1,020	3,247

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Region H Recommended Water User Group (WUG) Water Management Strategies (WMS)

						WATER MANAGEMENT STRATEGY SUPPLY (ACRE-FEET PER YEAR)					
WUG ENTITY NAME	WMS SPONSOR REGION	WMS NAME	SOURCE NAME	UNIT COST 2020	UNIT COST 2070	2020	2030	2040	2050	2060	2070
Thunderbird UD	H	MISSOURI CITY GRP	G BRA System Operations Permit Supply	N/A	\$287	0	322	322	322	322	322
Thunderbird UD	H	MISSOURI CITY GRP	H Gulf Coast Aquifer System Fort Bend COUNTY	N/A	\$1038	0	196	334	478	509	509
Thunderbird UD	H	MUNICIPAL CONSERVATION, THUNDERBIRD UD	DEMAND REDUCTION	\$677	\$530	34	56	64	69	72	77
Tomball	H	MUNICIPAL CONSERVATION, TOMBALL	DEMAND REDUCTION	\$629	\$491	81	129	157	164	173	214
Tomball	H	NHCRWA GRP	H Houston Lake/Reservoir	N/A	\$464	0	846	1,546	1,594	1,666	1,710
Tomball	H	WATER LOSS REDUCTION, TOMBALL	DEMAND REDUCTION	\$625	\$578	23	68	112	155	169	174
Trail of the Lakes MUD	H	MUNICIPAL CONSERVATION, TRAIL OF THE LAKES MUD	DEMAND REDUCTION	\$883	\$644	32	48	53	59	64	75
Trail of the Lakes MUD	H	WHCRWA GRP	H Gulf Coast Aquifer System Harris COUNTY	N/A	N/A	0	269	0	0	0	0
Trail of the Lakes MUD	H	WHCRWA GRP	H Livingston-Wallisville Lake/Reservoir System	N/A	\$476	0	0	1,003	999	999	994
Trinity	H	MUNICIPAL CONSERVATION, TRINITY	DEMAND REDUCTION	\$1053	\$707	15	25	27	30	33	41
Trinity Bay Conservation District	H	MUNICIPAL CONSERVATION, TRINITY BAY CONSERVATION DISTRICT	DEMAND REDUCTION	\$956	\$679	68	122	164	245	331	433
Trinity Bay Conservation District	H	NEW/EXPANDED CONTRACT WITH LNVA	I Sam Rayburn-Steinhagen Lake/Reservoir System	\$5321	\$1491	342	631	955	1,286	1,658	2,041
Trinity Rural WSC	H	MUNICIPAL CONSERVATION, TRINITY RURAL WSC	DEMAND REDUCTION	\$858	\$630	15	23	26	29	31	38
Trinity Rural WSC	H	WATER LOSS REDUCTION, TRINITY RURAL WSC	DEMAND REDUCTION	\$625	\$578	3	10	16	19	19	20
Valley Ranch MUD 1	H	MUNICIPAL CONSERVATION, VALLEY RANCH MUD 1	DEMAND REDUCTION	\$1099	\$733	7	12	17	20	22	26
Varner Creek UD	H	MUNICIPAL CONSERVATION, VARNER CREEK UD	DEMAND REDUCTION	\$1110	\$669	7	12	13	14	14	17
Varner Creek UD	H	WATER LOSS REDUCTION, VARNER CREEK UD	DEMAND REDUCTION	\$625	\$578	1	2	2	2	2	2
Walker County Rural SUD	H	MUNICIPAL CONSERVATION, WALKER COUNTY RURAL SUD	DEMAND REDUCTION	\$854	\$641	31	47	53	61	68	80
Walker County Rural SUD	H	WATER LOSS REDUCTION, WALKER COUNTY RURAL SUD	DEMAND REDUCTION	\$625	\$578	14	39	63	87	109	131
Waller	H	MUNICIPAL CONSERVATION, WALLER	DEMAND REDUCTION	\$1141	\$644	15	29	37	42	46	50
Waller	H	WATER LOSS REDUCTION, WALLER	DEMAND REDUCTION	\$625	\$578	5	13	22	32	42	54
Wallis	H	MUNICIPAL CONSERVATION, WALLIS	DEMAND REDUCTION	\$1128	\$700	5	9	10	12	14	18
Wallis	H	WATER LOSS REDUCTION, WALLIS	DEMAND REDUCTION	\$625	\$578	1	4	6	9	11	13
Waterwood MUD 1	H	MUNICIPAL CONSERVATION, WATERWOOD MUD 1	DEMAND REDUCTION	\$493	\$459	3	4	5	5	6	7

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Region H Recommended Water User Group (WUG) Water Management Strategies (WMS)

						WATER MANAGEMENT STRATEGY SUPPLY (ACRE-FEET PER YEAR)					
WUG ENTITY NAME	WMS SPONSOR REGION	WMS NAME	SOURCE NAME	UNIT COST 2020	UNIT COST 2070	2020	2030	2040	2050	2060	2070
Webster	H	MUNICIPAL CONSERVATION, WEBSTER	DEMAND REDUCTION	\$501	\$426	81	112	149	165	173	171
Webster	H	SOUTHEAST TRANSMISSION LINE EXPANSION	H Livingston-Wallisville Lake/Reservoir System	N/A	\$126	0	90	90	90	90	90
West Columbia	H	MUNICIPAL CONSERVATION, WEST COLUMBIA	DEMAND REDUCTION	\$1167	\$715	16	26	29	33	36	43
West End WSC*	H	MUNICIPAL CONSERVATION, WEST END WSC	DEMAND REDUCTION	\$955	\$650	6	10	12	14	17	22
West Harris County MUD 6	H	CITY OF HOUSTON GRP	H Gulf Coast Aquifer System Harris COUNTY	N/A	\$1613	0	109	192	199	205	208
West Harris County MUD 6	H	MUNICIPAL CONSERVATION, WEST HARRIS COUNTY MUD 6	DEMAND REDUCTION	\$693	\$607	9	12	13	13	14	16
West Harris County Regional Water Authority	H	MUNICIPAL CONSERVATION, WEST HARRIS COUNTY REGIONAL WATER AUTHORITY	DEMAND REDUCTION	\$878	\$601	2,061	3,383	4,104	5,048	5,634	6,881
West Harris County Regional Water Authority	H	WASTEWATER RECLAMATION FOR MUNICIPAL IRRIGATION	H Direct Non-Potable Reuse	N/A	\$339	0	245	600	962	1,087	1,197
West Harris County Regional Water Authority	H	WHCRWA GRP	H Gulf Coast Aquifer System Harris COUNTY	N/A	\$420	0	0	78	80	71	67
West Harris County Regional Water Authority	H	WHCRWA GRP	H Livingston-Wallisville Lake/Reservoir System	N/A	\$447	0	72,001	71,223	58,389	56,339	53,438
West Harris County Regional Water Authority	H	WHCRWA GRP	H San Jacinto Indirect Reuse	N/A	\$502	0	15,844	21,065	33,899	35,949	38,850
West University Place	H	MUNICIPAL CONSERVATION, WEST UNIVERSITY PLACE	DEMAND REDUCTION	\$863	\$625	91	149	176	219	274	343
Westwood North WSC	H	MUNICIPAL CONSERVATION, WESTWOOD NORTH WSC	DEMAND REDUCTION	\$750	\$599	14	20	24	29	33	39
Westwood North WSC	H	SJRA GRP	H Conroe Lake/Reservoir	N/A	\$377	0	419	464	511	525	587
Westwood Shores MUD	H	MUNICIPAL CONSERVATION, WESTWOOD SHORES MUD	DEMAND REDUCTION	\$1133	\$734	6	10	11	12	14	17
Westwood Shores MUD	H	WESTWOOD SHORES MUD REUSE	H Direct Non-Potable Reuse	\$1921	\$968	150	150	150	150	150	150
White Oak Utilities	H	MUNICIPAL CONSERVATION, WHITE OAK UTILITIES	DEMAND REDUCTION	\$1370	\$745	5	11	13	15	16	19
White Oak WSC	H	MUNICIPAL CONSERVATION, WHITE OAK WSC	DEMAND REDUCTION	\$905	\$675	3	5	6	7	7	8
White Oak WSC	H	SJRA GRP	H Gulf Coast Aquifer System Montgomery COUNTY	N/A	\$250	0	9	6	5	4	4
Willis	H	BRACKISH GROUNDWATER SUPPLIES	H Gulf Coast Aquifer System Brackish Montgomery COUNTY	N/A	\$882	0	9	62	148	276	458
Willis	H	MUNICIPAL CONSERVATION, WILLIS	DEMAND REDUCTION	\$800	\$651	26	38	43	52	61	81

*A single asterisk next to a WUG's name denotes that the WUG is split by two or more planning regions.

Region H Recommended Water User Group (WUG) Water Management Strategies (WMS)

						WATER MANAGEMENT STRATEGY SUPPLY (ACRE-FEET PER YEAR)					
WUG ENTITY NAME	WMS SPONSOR REGION	WMS NAME	SOURCE NAME	UNIT COST 2020	UNIT COST 2070	2020	2030	2040	2050	2060	2070
Wood Branch Village	H	MUNICIPAL CONSERVATION, WOOD BRANCH VILLAGE	DEMAND REDUCTION	\$1263	N/A	4	5	0	0	0	0
Wood Branch Village	H	SJRA GRP	H Gulf Coast Aquifer System Montgomery COUNTY	N/A	\$2020	0	0	0	17	46	83
Woodcreek MUD	H	CITY OF HOUSTON GRP	H Gulf Coast Aquifer System Harris COUNTY	N/A	N/A	0	96	0	0	0	0
Woodcreek MUD	H	CITY OF HOUSTON GRP	H Livingston-Wallisville Lake/Reservoir System	N/A	\$689	0	0	285	282	281	282
Woodcreek MUD	H	MUNICIPAL CONSERVATION, WOODCREEK MUD	DEMAND REDUCTION	\$806	\$616	11	16	17	19	21	24
Woodcreek Water Of Liberty	H	EXPANDED USE OF GROUNDWATER, LIBERTY COUNTY	H Gulf Coast Aquifer System Liberty COUNTY	N/A	\$1469	0	100	100	100	100	100
Woodcreek Water Of Liberty	H	MUNICIPAL CONSERVATION, WOODCREEK WATER OF LIBERTY	DEMAND REDUCTION	\$1085	\$711	10	17	20	25	29	37
REGION H RECOMMENDED WMS SUPPLY TOTAL						251,441	993,427	1,428,179	1,741,234	1,861,253	1,957,900

*A single asterisk next to a WUG's name denotes that the WUG is split by two or more planning regions.

Region H Recommended Projects Associated with Water Management Strategies

SPONSOR NAME	SPONSOR IS WWP?	ONLINE DECADE	PROJECT NAME	PROJECT DESCRIPTION	CAPITAL COST
Alvin	NO	2020	MUNICIPAL CONSERVATION, ALVIN	CONSERVATION - MUNICIPAL (DOES NOT INCLUDE METER REPLACEMENT OR WATER LOSS)	\$9,158,458
Anahuac	NO	2020	MUNICIPAL CONSERVATION, ANAHUAC	CONSERVATION - MUNICIPAL (DOES NOT INCLUDE METER REPLACEMENT OR WATER LOSS)	\$551,746
Anahuac	NO	2020	WATER LOSS REDUCTION, ANAHUAC	WATER LOSS CONTROL	\$477,688
Angleton	NO	2020	MUNICIPAL CONSERVATION, ANGLETON	CONSERVATION - MUNICIPAL (DOES NOT INCLUDE METER REPLACEMENT OR WATER LOSS)	\$5,502,411
Angleton	NO	2020	WATER LOSS REDUCTION, ANGLETON	WATER LOSS CONTROL	\$1,862,486
Angleton	NO	2030	WUG INFRASTRUCTURE EXPANSION - ANGLETON	CONVEYANCE/TRANSMISSION PIPELINE; PUMP STATION; STORAGE TANK	\$14,616,551
Austin County WSC	NO	2020	MUNICIPAL CONSERVATION, AUSTIN COUNTY WSC	CONSERVATION - MUNICIPAL (DOES NOT INCLUDE METER REPLACEMENT OR WATER LOSS)	\$922,575
Austin County WSC	NO	2020	WATER LOSS REDUCTION, AUSTIN COUNTY WSC	WATER LOSS CONTROL	\$148,612
Bacliff MUD	NO	2020	MUNICIPAL CONSERVATION, BACLIFF MUD	CONSERVATION - MUNICIPAL (DOES NOT INCLUDE METER REPLACEMENT OR WATER LOSS)	\$443,750
Bacliff MUD	NO	2030	WUG INFRASTRUCTURE EXPANSION - BACLIFF MUD	CONVEYANCE/TRANSMISSION PIPELINE; PUMP STATION; STORAGE TANK	\$10,162,348
Baker Road MUD	NO	2020	MUNICIPAL CONSERVATION, BAKER ROAD MUD	CONSERVATION - MUNICIPAL (DOES NOT INCLUDE METER REPLACEMENT OR WATER LOSS)	\$263,767
Baker Road MUD	NO	2030	WUG INFRASTRUCTURE EXPANSION (GROUNDWATER) - BAKER ROAD MUD	CONVEYANCE/TRANSMISSION PIPELINE; NEW WATER TREATMENT PLANT; SINGLE WELL; STORAGE TANK	\$5,639,722
Baybrook MUD 1	NO	2020	MUNICIPAL CONSERVATION, BAYBROOK MUD 1	CONSERVATION - MUNICIPAL (DOES NOT INCLUDE METER REPLACEMENT OR WATER LOSS)	\$324,275
Baybrook MUD 1	NO	2030	SOUTHEAST TRANSMISSION LINE IMPROVEMENTS	CONVEYANCE/TRANSMISSION PIPELINE	\$7,625,345
Baybrook MUD 1	NO	2020	WATER LOSS REDUCTION, BAYBROOK MUD 1	WATER LOSS CONTROL	\$196,842
Baytown	YES	2030	BAWA EAST SWTP EXPANSION	STORAGE TANK; WATER TREATMENT PLANT EXPANSION	\$0
Baytown	YES	2020	MUNICIPAL CONSERVATION, BAYTOWN	CONSERVATION - MUNICIPAL (DOES NOT INCLUDE METER REPLACEMENT OR WATER LOSS)	\$20,436,770
Baytown	YES	2020	WATER LOSS REDUCTION, BAYTOWN	WATER LOSS CONTROL	\$5,485,688
Baytown Area Water Authority	YES	2030	BAWA EAST SWTP EXPANSION	STORAGE TANK; WATER TREATMENT PLANT EXPANSION	\$51,112,545
Bayview MUD	NO	2020	MUNICIPAL CONSERVATION, BAYVIEW MUD	CONSERVATION - MUNICIPAL (DOES NOT INCLUDE METER REPLACEMENT OR WATER LOSS)	\$482,092
Bayview MUD	NO	2030	WUG INFRASTRUCTURE EXPANSION - BAYVIEW MUD	CONVEYANCE/TRANSMISSION PIPELINE; PUMP STATION; STORAGE TANK	\$9,983,912
Bellaire	NO	2020	MUNICIPAL CONSERVATION, BELLAIRE	CONSERVATION - MUNICIPAL (DOES NOT INCLUDE METER REPLACEMENT OR WATER LOSS)	\$7,076,965
Bellville	NO	2020	MUNICIPAL CONSERVATION, BELLVILLE	CONSERVATION - MUNICIPAL (DOES NOT INCLUDE METER REPLACEMENT OR WATER LOSS)	\$1,808,810
Blue Bell Manor Utility	NO	2020	MUNICIPAL CONSERVATION, BLUE BELL MANOR UTILITY	CONSERVATION - MUNICIPAL (DOES NOT INCLUDE METER REPLACEMENT OR WATER LOSS)	\$665,137
Blue Bell Manor Utility	NO	2030	WUG INFRASTRUCTURE EXPANSION (GROUNDWATER) - BLUE BELL MANOR UTILITY	CONVEYANCE/TRANSMISSION PIPELINE; NEW WATER TREATMENT PLANT; SINGLE WELL; STORAGE TANK	\$6,971,114
Blue Ridge West MUD	NO	2020	MUNICIPAL CONSERVATION, BLUE RIDGE WEST MUD	CONSERVATION - MUNICIPAL (DOES NOT INCLUDE METER REPLACEMENT OR WATER LOSS)	\$1,539,531
Blue Ridge West MUD	NO	2030	WUG INFRASTRUCTURE EXPANSION - BLUE RIDGE WEST MUD	CONVEYANCE/TRANSMISSION PIPELINE; PUMP STATION; STORAGE TANK	\$10,162,348
Blue Ridge West MUD	NO	2030	WUG INFRASTRUCTURE EXPANSION (GROUNDWATER) - BLUE RIDGE WEST MUD	CONVEYANCE/TRANSMISSION PIPELINE; NEW WATER TREATMENT PLANT; SINGLE WELL; STORAGE TANK	\$6,656,610
Bolivar Peninsula SUD	NO	2020	WATER LOSS REDUCTION, BOLIVAR PENINSULA SUD	WATER LOSS CONTROL	\$414,444
Brazoria	NO	2020	MUNICIPAL CONSERVATION, BRAZORIA	CONSERVATION - MUNICIPAL (DOES NOT INCLUDE METER REPLACEMENT OR WATER LOSS)	\$880,091
Brazoria County MUD 2	YES	2020	MUNICIPAL CONSERVATION, BRAZORIA COUNTY MUD 2	CONSERVATION - MUNICIPAL (DOES NOT INCLUDE METER REPLACEMENT OR WATER LOSS)	\$823,243
Brazoria County MUD 2	YES	2020	WATER LOSS REDUCTION, BRAZORIA COUNTY MUD 2	WATER LOSS CONTROL	\$2,807,512

Region H Recommended Projects Associated with Water Management Strategies

SPONSOR NAME	SPONSOR IS WWP?	ONLINE DECADE	PROJECT NAME	PROJECT DESCRIPTION	CAPITAL COST
Brazoria County MUD 21	NO	2020	MUNICIPAL CONSERVATION, BRAZORIA COUNTY MUD 21	CONSERVATION - MUNICIPAL (DOES NOT INCLUDE METER REPLACEMENT OR WATER LOSS)	\$1,211,090
Brazoria County MUD 25	NO	2020	MUNICIPAL CONSERVATION, BRAZORIA COUNTY MUD 25	CONSERVATION - MUNICIPAL (DOES NOT INCLUDE METER REPLACEMENT OR WATER LOSS)	\$859,056
Brazoria County MUD 25	NO	2030	WUG INFRASTRUCTURE EXPANSION - BRAZORIA COUNTY MUD 25	CONVEYANCE/TRANSMISSION PIPELINE; PUMP STATION; STORAGE TANK	\$10,088,460
Brazoria County MUD 29	NO	2020	MUNICIPAL CONSERVATION, BRAZORIA COUNTY MUD 29	CONSERVATION - MUNICIPAL (DOES NOT INCLUDE METER REPLACEMENT OR WATER LOSS)	\$1,665,603
Brazoria County MUD 29	NO	2030	WUG INFRASTRUCTURE EXPANSION - BRAZORIA COUNTY MUD 29	CONVEYANCE/TRANSMISSION PIPELINE; PUMP STATION; STORAGE TANK	\$10,162,348
Brazoria County MUD 3	NO	2020	MUNICIPAL CONSERVATION, BRAZORIA COUNTY MUD 3	CONSERVATION - MUNICIPAL (DOES NOT INCLUDE METER REPLACEMENT OR WATER LOSS)	\$908,127
Brazoria County MUD 31	NO	2020	MUNICIPAL CONSERVATION, BRAZORIA COUNTY MUD 31	CONSERVATION - MUNICIPAL (DOES NOT INCLUDE METER REPLACEMENT OR WATER LOSS)	\$1,044,855
Brazoria County MUD 6	NO	2020	MUNICIPAL CONSERVATION, BRAZORIA COUNTY MUD 6	CONSERVATION - MUNICIPAL (DOES NOT INCLUDE METER REPLACEMENT OR WATER LOSS)	\$1,094,213
Brazos River Authority	YES	2040	ALLENS CREEK RESERVOIR	CONVEYANCE/TRANSMISSION PIPELINE; PUMP STATION; RESERVOIR CONSTRUCTION	\$109,633,890
Brazosport Water Authority	YES	2030	BWA BRACKISH GROUNDWATER DEVELOPMENT	MULTIPLE WELLS/WELL FIELD; NEW WATER TREATMENT PLANT	\$33,246,167
Brazosport Water Authority	YES	2030	BWA CONVENTIONAL TREATMENT EXPANSION	WATER TREATMENT PLANT EXPANSION	\$19,085,165
Brazosport Water Authority	YES	2030	BWA TRANSMISSION EXPANSION	CONVEYANCE/TRANSMISSION PIPELINE	\$77,755,692
Brazosport Water Authority	YES	2030	DOW RESERVOIR AND PUMP STATION EXPANSION	PUMP STATION; RESERVOIR CONSTRUCTION; SURFACE WATER INTAKE MODIFICATION	\$350,000,000
Brookshire MWD	NO	2020	MUNICIPAL CONSERVATION, BROOKSHIRE MWD	CONSERVATION - MUNICIPAL (DOES NOT INCLUDE METER REPLACEMENT OR WATER LOSS)	\$1,374,269
Brookshire MWD	NO	2020	WATER LOSS REDUCTION, BROOKSHIRE MWD	WATER LOSS CONTROL	\$1,566,564
Buffalo	NO	2020	MUNICIPAL CONSERVATION, BUFFALO	CONSERVATION - MUNICIPAL (DOES NOT INCLUDE METER REPLACEMENT OR WATER LOSS)	\$624,950
Buffalo	NO	2020	WATER LOSS REDUCTION, BUFFALO	WATER LOSS CONTROL	\$527,570
Bunker Hill Village	NO	2020	MUNICIPAL CONSERVATION, BUNKER HILL VILLAGE	CONSERVATION - MUNICIPAL (DOES NOT INCLUDE METER REPLACEMENT OR WATER LOSS)	\$1,055,808
Cape Royale UD	NO	2020	MUNICIPAL CONSERVATION, CAPE ROYALE UD	CONSERVATION - MUNICIPAL (DOES NOT INCLUDE METER REPLACEMENT OR WATER LOSS)	\$550,180
Cape Royale UD	NO	2020	WATER LOSS REDUCTION, CAPE ROYALE UD	WATER LOSS CONTROL	\$271,092
Centerville	NO	2020	MUNICIPAL CONSERVATION, CENTERVILLE	CONSERVATION - MUNICIPAL (DOES NOT INCLUDE METER REPLACEMENT OR WATER LOSS)	\$593,213
Central Harris County Regional Water Authority	NO	2030	CHCRWA TRANSMISSION AND INTERNAL DISTRIBUTION	CONVEYANCE/TRANSMISSION PIPELINE	\$17,202,167
Central Harris County Regional Water Authority	NO	2030	COH NORTHEAST WATER PURIFICATION PLANT EXPANSION - PHASES 1 AND 2	WATER TREATMENT PLANT EXPANSION	\$26,588,846
Central Harris County Regional Water Authority	NO	2030	COH, NHCRA, AND CHCRWA SHARED TRANSMISSION	CONVEYANCE/TRANSMISSION PIPELINE	\$12,962,627
Central Harris County Regional Water Authority	NO	2020	MUNICIPAL CONSERVATION, CENTRAL HARRIS COUNTY REGIONAL WATER AUTHORITY	CONSERVATION - MUNICIPAL (DOES NOT INCLUDE METER REPLACEMENT OR WATER LOSS)	\$13,212,771
Central Harris County Regional Water Authority	NO	2030	MUNICIPAL IRRIGATION REUSE DEVELOPMENT, CHCRWA	CONVEYANCE/TRANSMISSION PIPELINE; NEW WATER TREATMENT PLANT; STORAGE TANK; PUMP STATION	\$1,185,366
Central Harris County Regional Water Authority	NO	2030	WUG INFRASTRUCTURE EXPANSION - CHCRWA DISTRICTS	CONVEYANCE/TRANSMISSION PIPELINE; PUMP STATION; STORAGE TANK	\$14,616,551
Chambers County MUD 1	NO	2020	MUNICIPAL CONSERVATION, CHAMBERS COUNTY MUD 1	CONSERVATION - MUNICIPAL (DOES NOT INCLUDE METER REPLACEMENT OR WATER LOSS)	\$875,945
Chateau Woods MUD	NO	2020	MUNICIPAL CONSERVATION, CHATEAU WOODS MUD	CONSERVATION - MUNICIPAL (DOES NOT INCLUDE METER REPLACEMENT OR WATER LOSS)	\$685,178
Chimney Hill MUD	NO	2020	MUNICIPAL CONSERVATION, CHIMNEY HILL MUD	CONSERVATION - MUNICIPAL (DOES NOT INCLUDE METER REPLACEMENT OR WATER LOSS)	\$1,131,187

Region H Recommended Projects Associated with Water Management Strategies

SPONSOR NAME	SPONSOR IS WWP?	ONLINE DECADE	PROJECT NAME	PROJECT DESCRIPTION	CAPITAL COST
Clear Brook City MUD	NO	2020	MUNICIPAL CONSERVATION, CLEAR BROOK CITY MUD	CONSERVATION - MUNICIPAL (DOES NOT INCLUDE METER REPLACEMENT OR WATER LOSS)	\$5,251,696
Clear Lake City Water Authority	YES	2020	MUNICIPAL CONSERVATION, CLEAR LAKE CITY WATER AUTHORITY	CONSERVATION - MUNICIPAL (DOES NOT INCLUDE METER REPLACEMENT OR WATER LOSS)	\$19,115,857
Clear Lake City Water Authority	YES	2030	SOUTHEAST TRANSMISSION LINE IMPROVEMENTS	CONVEYANCE/TRANSMISSION PIPELINE	\$9,531,151
Clear Lake City Water Authority	YES	2020	WATER LOSS REDUCTION, CLEAR LAKE CITY WATER AUTHORITY	WATER LOSS CONTROL	\$8,789,400
Cleveland	NO	2020	MUNICIPAL CONSERVATION, CLEVELAND	CONSERVATION - MUNICIPAL (DOES NOT INCLUDE METER REPLACEMENT OR WATER LOSS)	\$1,888,402
Cleveland	NO	2020	WATER LOSS REDUCTION, CLEVELAND	WATER LOSS CONTROL	\$1,861,664
Clute	NO	2020	MUNICIPAL CONSERVATION, CLUTE	CONSERVATION - MUNICIPAL (DOES NOT INCLUDE METER REPLACEMENT OR WATER LOSS)	\$2,459,986
Concord-Robbins WSC	NO	2020	MUNICIPAL CONSERVATION, CONCORD-ROBBINS WSC	CONSERVATION - MUNICIPAL (DOES NOT INCLUDE METER REPLACEMENT OR WATER LOSS)	\$291,400
Conroe	YES	2020	MUNICIPAL CONSERVATION, CONROE	CONSERVATION - MUNICIPAL (DOES NOT INCLUDE METER REPLACEMENT OR WATER LOSS)	\$24,823,603
Conroe	YES	2030	WUG INFRASTRUCTURE EXPANSION - CONROE - PHASE 1	CONVEYANCE/TRANSMISSION PIPELINE; PUMP STATION; STORAGE TANK	\$14,616,551
Conroe	YES	2050	WUG INFRASTRUCTURE EXPANSION - CONROE - PHASE 2	CONVEYANCE/TRANSMISSION PIPELINE; PUMP STATION; STORAGE TANK	\$11,697,788
Corinthian Point MUD 2	NO	2020	MUNICIPAL CONSERVATION, CORINTHIAN POINT MUD 2	CONSERVATION - MUNICIPAL (DOES NOT INCLUDE METER REPLACEMENT OR WATER LOSS)	\$312,033
Corinthian Point MUD 2	NO	2030	WUG INFRASTRUCTURE EXPANSION (GROUNDWATER) - CORINTHIAN POINT MUD 2	CONVEYANCE/TRANSMISSION PIPELINE; NEW WATER TREATMENT PLANT; SINGLE WELL; STORAGE TANK	\$5,639,722
Country Terrace Water	NO	2020	MUNICIPAL CONSERVATION, COUNTRY TERRACE WATER	CONSERVATION - MUNICIPAL (DOES NOT INCLUDE METER REPLACEMENT OR WATER LOSS)	\$412,853
County-Other, Austin	NO	2020	MUNICIPAL CONSERVATION, COUNTY-OTHER, AUSTIN	CONSERVATION - MUNICIPAL (DOES NOT INCLUDE METER REPLACEMENT OR WATER LOSS)	\$6,096,913
County-Other, Austin	NO	2020	WATER LOSS REDUCTION, COUNTY-OTHER, AUSTIN	WATER LOSS CONTROL	\$4,035,700
County-Other, Austin	NO	2030	WUG INFRASTRUCTURE EXPANSION (GROUNDWATER) - COUNTY-OTHER, AUSTIN COUNTY (B) - PHASE 1	MULTIPLE WELLS/WELL FIELD	\$3,441,360
County-Other, Austin	NO	2050	WUG INFRASTRUCTURE EXPANSION (GROUNDWATER) - COUNTY-OTHER, AUSTIN COUNTY (B) - PHASE 2	MULTIPLE WELLS/WELL FIELD	\$4,258,013
County-Other, Austin	NO	2070	WUG INFRASTRUCTURE EXPANSION (GROUNDWATER) - COUNTY-OTHER, AUSTIN COUNTY (B) - PHASE 3	MULTIPLE WELLS/WELL FIELD	\$3,611,806
County-Other, Austin	NO	2040	WUG INFRASTRUCTURE EXPANSION (GROUNDWATER) - COUNTY-OTHER, AUSTIN COUNTY (BC) - PHASE 1	MULTIPLE WELLS/WELL FIELD	\$2,438,190
County-Other, Austin	NO	2060	WUG INFRASTRUCTURE EXPANSION (GROUNDWATER) - COUNTY-OTHER, AUSTIN COUNTY (BC) - PHASE 2	MULTIPLE WELLS/WELL FIELD	\$2,619,463
County-Other, Brazoria	NO	2020	MUNICIPAL CONSERVATION, COUNTY-OTHER, BRAZORIA	CONSERVATION - MUNICIPAL (DOES NOT INCLUDE METER REPLACEMENT OR WATER LOSS)	\$41,728,911
County-Other, Brazoria	NO	2030	MUNICIPAL IRRIGATION REUSE DEVELOPMENT, BRAZORIA COUNTY	CONVEYANCE/TRANSMISSION PIPELINE; NEW WATER TREATMENT PLANT; PUMP STATION; STORAGE TANK	\$15,708,984
County-Other, Brazoria	NO	2070	WUG INFRASTRUCTURE EXPANSION - COUNTY-OTHER (BWA CUSTOMERS), BRAZORIA (B)	CONVEYANCE/TRANSMISSION PIPELINE; PUMP STATION; STORAGE TANK	\$10,088,460
County-Other, Brazoria	NO	2030	WUG INFRASTRUCTURE EXPANSION - COUNTY-OTHER (BWA CUSTOMERS), BRAZORIA (B-C)	CONVEYANCE/TRANSMISSION PIPELINE; PUMP STATION; STORAGE TANK	\$10,941,462
County-Other, Brazoria	NO	2030	WUG INFRASTRUCTURE EXPANSION - COUNTY-OTHER (BWA CUSTOMERS), BRAZORIA (SJB)	CONVEYANCE/TRANSMISSION PIPELINE; PUMP STATION; STORAGE TANK	\$12,931,975
County-Other, Brazoria	NO	2030	WUG INFRASTRUCTURE EXPANSION - COUNTY-OTHER (GCWA CUSTOMERS), BRAZORIA COUNTY (SJB) - PHASE 1	CONVEYANCE/TRANSMISSION PIPELINE; PUMP STATION; STORAGE TANK	\$12,931,975
County-Other, Brazoria	NO	2050	WUG INFRASTRUCTURE EXPANSION - COUNTY-OTHER (GCWA CUSTOMERS), BRAZORIA COUNTY (SJB) - PHASE 2	CONVEYANCE/TRANSMISSION PIPELINE; PUMP STATION; STORAGE TANK	\$14,616,551
County-Other, Brazoria	NO	2060	WUG INFRASTRUCTURE EXPANSION - COUNTY-OTHER, BRAZORIA (BRA CUSTOMERS)	CONVEYANCE/TRANSMISSION PIPELINE; PUMP STATION; STORAGE TANK	\$11,697,788
County-Other, Brazoria	NO	2020	WUG INFRASTRUCTURE EXPANSION - COUNTY-OTHER, BRAZORIA (SJ-B)	CONVEYANCE/TRANSMISSION PIPELINE; PUMP STATION; STORAGE TANK	\$12,931,975
County-Other, Chambers	NO	2020	MUNICIPAL CONSERVATION, COUNTY-OTHER, CHAMBERS	CONSERVATION - MUNICIPAL (DOES NOT INCLUDE METER REPLACEMENT OR WATER LOSS)	\$2,974,809

Region H Recommended Projects Associated with Water Management Strategies

SPONSOR NAME	SPONSOR IS WWP?	ONLINE DECADE	PROJECT NAME	PROJECT DESCRIPTION	CAPITAL COST
County-Other, Fort Bend	NO	2020	MUNICIPAL CONSERVATION, COUNTY-OTHER, FORT BEND	CONSERVATION - MUNICIPAL (DOES NOT INCLUDE METER REPLACEMENT OR WATER LOSS)	\$52,235,580
County-Other, Fort Bend	NO	2030	MUNICIPAL IRRIGATION REUSE DEVELOPMENT, FORT BEND COUNTY	CONVEYANCE/TRANSMISSION PIPELINE; NEW WATER TREATMENT PLANT; STORAGE TANK; PUMP STATION	\$19,636,871
County-Other, Fort Bend	NO	2020	WUG INFRASTRUCTURE EXPANSION - COUNTY-OTHER, FORT BEND (B)	CONVEYANCE/TRANSMISSION PIPELINE; PUMP STATION; STORAGE TANK	\$12,234,868
County-Other, Fort Bend	NO	2020	WUG INFRASTRUCTURE EXPANSION - COUNTY-OTHER, FORT BEND (SJ)	CONVEYANCE/TRANSMISSION PIPELINE; PUMP STATION; STORAGE TANK	\$10,088,460
County-Other, Fort Bend	NO	2030	WUG INFRASTRUCTURE EXPANSION - COUNTY-OTHER, FORT BEND COUNTY (RICHMOND GRP PARTICIPANTS) - PHASE 1	CONVEYANCE/TRANSMISSION PIPELINE; PUMP STATION; STORAGE TANK	\$11,181,277
County-Other, Fort Bend	NO	2050	WUG INFRASTRUCTURE EXPANSION - COUNTY-OTHER, FORT BEND COUNTY (RICHMOND GRP PARTICIPANTS) - PHASE 2	CONVEYANCE/TRANSMISSION PIPELINE; PUMP STATION; STORAGE TANK	\$11,697,788
County-Other, Fort Bend	NO	2030	WUG INFRASTRUCTURE EXPANSION (GROUNDWATER) - COUNTY-OTHER, FORT BEND (RICHMOND GRP PARTICIPANTS)	CONVEYANCE/TRANSMISSION PIPELINE; MULTIPLE WELLS/WELL FIELD; NEW WATER TREATMENT PLANT; STORAGE TANK	\$2,438,190
County-Other, Fort Bend	NO	2030	WUG INFRASTRUCTURE EXPANSION (GROUNDWATER) - COUNTY-OTHER, FORT BEND (SUGAR LAND GRP) - PHASE 1	CONVEYANCE/TRANSMISSION PIPELINE; MULTIPLE WELLS/WELL FIELD; NEW WATER TREATMENT PLANT; STORAGE TANK	\$3,736,107
County-Other, Fort Bend	NO	2040	WUG INFRASTRUCTURE EXPANSION (GROUNDWATER) - COUNTY-OTHER, FORT BEND (SUGAR LAND GRP) - PHASE 2	CONVEYANCE/TRANSMISSION PIPELINE; MULTIPLE WELLS/WELL FIELD; NEW WATER TREATMENT PLANT; STORAGE TANK	\$3,249,858
County-Other, Fort Bend	NO	2040	WUG INFRASTRUCTURE EXPANSION (GROUNDWATER) - COUNTY-OTHER, FORT BEND COUNTY (BC) - PHASE 1	MULTIPLE WELLS/WELL FIELD	\$10,797,073
County-Other, Fort Bend	NO	2060	WUG INFRASTRUCTURE EXPANSION (GROUNDWATER) - COUNTY-OTHER, FORT BEND COUNTY (BC) - PHASE 2	MULTIPLE WELLS/WELL FIELD	\$21,793,514
County-Other, Fort Bend	NO	2030	WUG INFRASTRUCTURE EXPANSION (GROUNDWATER) - COUNTY-OTHER, FORT BEND COUNTY (SJB)	CONVEYANCE/TRANSMISSION PIPELINE; MULTIPLE WELLS/WELL FIELD; NEW WATER TREATMENT PLANT; STORAGE TANK	\$14,533,180
County-Other, Galveston	NO	2020	MUNICIPAL CONSERVATION, COUNTY-OTHER, GALVESTON	CONSERVATION - MUNICIPAL (DOES NOT INCLUDE METER REPLACEMENT OR WATER LOSS)	\$2,393,819
County-Other, Galveston	NO	2020	WUG INFRASTRUCTURE EXPANSION - COUNTY-OTHER, GALVESTON (SJ-B)	CONVEYANCE/TRANSMISSION PIPELINE; PUMP STATION; STORAGE TANK	\$22,350,770
County-Other, Harris	NO	2020	MUNICIPAL CONSERVATION, COUNTY-OTHER, HARRIS	CONSERVATION - MUNICIPAL (DOES NOT INCLUDE METER REPLACEMENT OR WATER LOSS)	\$33,280,639
County-Other, Harris	NO	2030	MUNICIPAL IRRIGATION REUSE DEVELOPMENT, HARRIS COUNTY	CONVEYANCE/TRANSMISSION PIPELINE; NEW WATER TREATMENT PLANT; STORAGE TANK; PUMP STATION	\$9,659,892
County-Other, Harris	NO	2040	WUG INFRASTRUCTURE EXPANSION - COUNTY-OTHER, HARRIS (COH GRP PARTICIPANTS)	CONVEYANCE/TRANSMISSION PIPELINE; PUMP STATION; STORAGE TANK	\$10,707,918
County-Other, Harris	NO	2030	WUG INFRASTRUCTURE EXPANSION - COUNTY-OTHER, HARRIS COUNTY (SJ) - PHASE 1	CONVEYANCE/TRANSMISSION PIPELINE; PUMP STATION; STORAGE TANK	\$12,931,975
County-Other, Harris	NO	2060	WUG INFRASTRUCTURE EXPANSION - COUNTY-OTHER, HARRIS COUNTY (SJ) - PHASE 2	CONVEYANCE/TRANSMISSION PIPELINE; PUMP STATION; STORAGE TANK	\$12,234,868
County-Other, Harris	NO	2020	WUG INFRASTRUCTURE EXPANSION - COUNTY-OTHER, HARRIS COUNTY (SJB)	CONVEYANCE/TRANSMISSION PIPELINE; PUMP STATION; STORAGE TANK	\$10,289,100
County-Other, Harris	NO	2020	WUG INFRASTRUCTURE EXPANSION - COUNTY-OTHER, HARRIS COUNTY (TSJ) - PHASE 1	CONVEYANCE/TRANSMISSION PIPELINE; PUMP STATION; STORAGE TANK	\$10,707,918
County-Other, Harris	NO	2050	WUG INFRASTRUCTURE EXPANSION - COUNTY-OTHER, HARRIS COUNTY (TSJ) - PHASE 2	CONVEYANCE/TRANSMISSION PIPELINE; PUMP STATION; STORAGE TANK	\$10,707,918
County-Other, Harris	NO	2030	WUG INFRASTRUCTURE EXPANSION (GROUNDWATER) - COUNTY-OTHER, HARRIS COUNTY (SJ) - PHASE 1	CONVEYANCE/TRANSMISSION PIPELINE; MULTIPLE WELLS/WELL FIELD; NEW WATER TREATMENT PLANT; STORAGE TANK	\$10,797,073
County-Other, Harris	NO	2040	WUG INFRASTRUCTURE EXPANSION (GROUNDWATER) - COUNTY-OTHER, HARRIS COUNTY (SJ) - PHASE 2	CONVEYANCE/TRANSMISSION PIPELINE; MULTIPLE WELLS/WELL FIELD; NEW WATER TREATMENT PLANT; STORAGE TANK	\$6,701,048
County-Other, Leon	NO	2020	MUNICIPAL CONSERVATION, COUNTY-OTHER, LEON	CONSERVATION - MUNICIPAL (DOES NOT INCLUDE METER REPLACEMENT OR WATER LOSS)	\$602,069
County-Other, Leon	NO	2020	WATER LOSS REDUCTION, COUNTY-OTHER, LEON	WATER LOSS CONTROL	\$332,846
County-Other, Liberty	NO	2020	MUNICIPAL CONSERVATION, COUNTY-OTHER, LIBERTY	CONSERVATION - MUNICIPAL (DOES NOT INCLUDE METER REPLACEMENT OR WATER LOSS)	\$9,389,886
County-Other, Liberty	NO	2020	WATER LOSS REDUCTION, COUNTY-OTHER, LIBERTY	WATER LOSS CONTROL	\$8,518,966

Region H Recommended Projects Associated with Water Management Strategies

SPONSOR NAME	SPONSOR IS WWP?	ONLINE DECADE	PROJECT NAME	PROJECT DESCRIPTION	CAPITAL COST
County-Other, Madison	NO	2020	MUNICIPAL CONSERVATION, COUNTY-OTHER, MADISON	CONSERVATION - MUNICIPAL (DOES NOT INCLUDE METER REPLACEMENT OR WATER LOSS)	\$3,004,737
County-Other, Madison	NO	2020	WATER LOSS REDUCTION, COUNTY-OTHER, MADISON	WATER LOSS CONTROL	\$2,419,194
County-Other, Montgomery	NO	2020	MUNICIPAL CONSERVATION, COUNTY-OTHER, MONTGOMERY	CONSERVATION - MUNICIPAL (DOES NOT INCLUDE METER REPLACEMENT OR WATER LOSS)	\$102,431,548
County-Other, Montgomery	NO	2030	MUNICIPAL IRRIGATION REUSE DEVELOPMENT, MONTGOMERY COUNTY	CONVEYANCE/TRANSMISSION PIPELINE; NEW WATER TREATMENT PLANT; STORAGE TANK; PUMP STATION	\$61,122,692
County-Other, Montgomery	NO	2040	WUG INFRASTRUCTURE EXPANSION - COUNTY-OTHER, MONTGOMERY (SJ) - PHASE 1	CONVEYANCE/TRANSMISSION PIPELINE; PUMP STATION; STORAGE TANK	\$135,200,904
County-Other, Montgomery	NO	2050	WUG INFRASTRUCTURE EXPANSION - COUNTY-OTHER, MONTGOMERY (SJ) - PHASE 2	CONVEYANCE/TRANSMISSION PIPELINE; PUMP STATION; STORAGE TANK	\$182,942,688
County-Other, Montgomery	NO	2060	WUG INFRASTRUCTURE EXPANSION - COUNTY-OTHER, MONTGOMERY (SJ) - PHASE 3	CONVEYANCE/TRANSMISSION PIPELINE; PUMP STATION; STORAGE TANK	\$226,672,248
County-Other, Montgomery	NO	2070	WUG INFRASTRUCTURE EXPANSION - COUNTY-OTHER, MONTGOMERY (SJ) - PHASE 4	CONVEYANCE/TRANSMISSION PIPELINE; PUMP STATION; STORAGE TANK	\$195,769,996
County-Other, Montgomery	NO	2030	WUG INFRASTRUCTURE EXPANSION - COUNTY-OTHER, MONTGOMERY (SJRA GRP PARTICIPANTS)	CONVEYANCE/TRANSMISSION PIPELINE; PUMP STATION; STORAGE TANK	\$10,475,383
County-Other, Montgomery	NO	2020	WUG INFRASTRUCTURE EXPANSION (GROUNDWATER) - COUNTY-OTHER, MONTGOMERY (SJRA GRP PARTICIPANTS)	CONVEYANCE/TRANSMISSION PIPELINE; MULTIPLE WELLS/WELL FIELD; NEW WATER TREATMENT PLANT; STORAGE TANK	\$43,587,028
County-Other, Polk	NO	2020	MUNICIPAL CONSERVATION, COUNTY-OTHER, POLK	CONSERVATION - MUNICIPAL (DOES NOT INCLUDE METER REPLACEMENT OR WATER LOSS)	\$3,754,828
County-Other, Polk	NO	2020	WATER LOSS REDUCTION, COUNTY-OTHER, POLK	WATER LOSS CONTROL	\$1,006,838
County-Other, San Jacinto	NO	2020	MUNICIPAL CONSERVATION, COUNTY-OTHER, SAN JACINTO	CONSERVATION - MUNICIPAL (DOES NOT INCLUDE METER REPLACEMENT OR WATER LOSS)	\$3,586,962
County-Other, San Jacinto	NO	2020	WATER LOSS REDUCTION, COUNTY-OTHER, SAN JACINTO	WATER LOSS CONTROL	\$1,169,018
County-Other, Walker	NO	2020	MUNICIPAL CONSERVATION, COUNTY-OTHER, WALKER	CONSERVATION - MUNICIPAL (DOES NOT INCLUDE METER REPLACEMENT OR WATER LOSS)	\$3,386,395
County-Other, Waller	NO	2020	MUNICIPAL CONSERVATION, COUNTY-OTHER, WALLER	CONSERVATION - MUNICIPAL (DOES NOT INCLUDE METER REPLACEMENT OR WATER LOSS)	\$7,575,420
County-Other, Waller	NO	2020	WATER LOSS REDUCTION, COUNTY-OTHER, WALLER	WATER LOSS CONTROL	\$1,069,898
County-Other, Waller	NO	2020	WUG INFRASTRUCTURE EXPANSION (GROUNDWATER) - COUNTY-OTHER, WALLER COUNTY (B) - PHASE 1	CONVEYANCE/TRANSMISSION PIPELINE; MULTIPLE WELLS/WELL FIELD; NEW WATER TREATMENT PLANT; STORAGE TANK	\$3,611,806
County-Other, Waller	NO	2040	WUG INFRASTRUCTURE EXPANSION (GROUNDWATER) - COUNTY-OTHER, WALLER COUNTY (B) - PHASE 2	CONVEYANCE/TRANSMISSION PIPELINE; MULTIPLE WELLS/WELL FIELD; NEW WATER TREATMENT PLANT; STORAGE TANK	\$3,922,350
County-Other, Waller	NO	2060	WUG INFRASTRUCTURE EXPANSION (GROUNDWATER) - COUNTY-OTHER, WALLER COUNTY (B) - PHASE 3	CONVEYANCE/TRANSMISSION PIPELINE; MULTIPLE WELLS/WELL FIELD; NEW WATER TREATMENT PLANT; STORAGE TANK	\$4,258,013
County-Other, Waller	NO	2020	WUG INFRASTRUCTURE EXPANSION (GROUNDWATER) - COUNTY-OTHER, WALLER COUNTY (SJ) - PHASE 1	CONVEYANCE/TRANSMISSION PIPELINE; MULTIPLE WELLS/WELL FIELD; NEW WATER TREATMENT PLANT; STORAGE TANK	\$3,922,350
County-Other, Waller	NO	2040	WUG INFRASTRUCTURE EXPANSION (GROUNDWATER) - COUNTY-OTHER, WALLER COUNTY (SJ) - PHASE 2	CONVEYANCE/TRANSMISSION PIPELINE; MULTIPLE WELLS/WELL FIELD; NEW WATER TREATMENT PLANT; STORAGE TANK	\$3,736,107
County-Other, Waller	NO	2060	WUG INFRASTRUCTURE EXPANSION (GROUNDWATER) - COUNTY-OTHER, WALLER COUNTY (SJ) - PHASE 3	CONVEYANCE/TRANSMISSION PIPELINE; MULTIPLE WELLS/WELL FIELD; NEW WATER TREATMENT PLANT; STORAGE TANK	\$4,126,156
Crosby MUD	YES	2020	MUNICIPAL CONSERVATION, CROSBY MUD	CONSERVATION - MUNICIPAL (DOES NOT INCLUDE METER REPLACEMENT OR WATER LOSS)	\$696,747
Crosby MUD	YES	2020	WATER LOSS REDUCTION, CROSBY MUD	WATER LOSS CONTROL	\$483,816
Cut & Shoot	NO	2020	MUNICIPAL CONSERVATION, CUT AND SHOOT	CONSERVATION - MUNICIPAL (DOES NOT INCLUDE METER REPLACEMENT OR WATER LOSS)	\$1,304,038
Cut & Shoot	NO	2030	WUG INFRASTRUCTURE EXPANSION (GROUNDWATER) - CUT AND SHOOT	CONVEYANCE/TRANSMISSION PIPELINE; NEW WATER TREATMENT PLANT; SINGLE WELL; STORAGE TANK	\$6,971,114
Daisetta	NO	2020	MUNICIPAL CONSERVATION, DAISSETTA	CONSERVATION - MUNICIPAL (DOES NOT INCLUDE METER REPLACEMENT OR WATER LOSS)	\$325,959
Danbury	NO	2020	MUNICIPAL CONSERVATION, DANBURY	CONSERVATION - MUNICIPAL (DOES NOT INCLUDE METER REPLACEMENT OR WATER LOSS)	\$417,428

Region H Recommended Projects Associated with Water Management Strategies

SPONSOR NAME	SPONSOR IS WWP?	ONLINE DECADE	PROJECT NAME	PROJECT DESCRIPTION	CAPITAL COST
Dayton	NO	2020	MUNICIPAL CONSERVATION, DAYTON	CONSERVATION - MUNICIPAL (DOES NOT INCLUDE METER REPLACEMENT OR WATER LOSS)	\$4,833,472
Deer Park	NO	2020	MUNICIPAL CONSERVATION, DEER PARK	CONSERVATION - MUNICIPAL (DOES NOT INCLUDE METER REPLACEMENT OR WATER LOSS)	\$11,227,591
Deer Park	NO	2020	WATER LOSS REDUCTION, DEER PARK	WATER LOSS CONTROL	\$7,383,436
Devers	NO	2020	MUNICIPAL CONSERVATION, DEVERS	CONSERVATION - MUNICIPAL (DOES NOT INCLUDE METER REPLACEMENT OR WATER LOSS)	\$222,301
Dobbin Plantersville WSC	NO	2020	MUNICIPAL CONSERVATION, DOBBIN PLANTERSVILLE WSC	CONSERVATION - MUNICIPAL (DOES NOT INCLUDE METER REPLACEMENT OR WATER LOSS)	\$4,024,611
Dobbin Plantersville WSC	NO	2020	WUG INFRASTRUCTURE EXPANSION (BRACKISH GROUNDWATER) - DOBBIN-PLANTERSVILLE WSC - PHASE 1	CONVEYANCE/TRANSMISSION PIPELINE; NEW WATER TREATMENT PLANT; SINGLE WELL; STORAGE TANK	\$10,531,344
Dobbin Plantersville WSC	NO	2050	WUG INFRASTRUCTURE EXPANSION (BRACKISH GROUNDWATER) - DOBBIN-PLANTERSVILLE WSC - PHASE 2	CONVEYANCE/TRANSMISSION PIPELINE; NEW WATER TREATMENT PLANT; SINGLE WELL; STORAGE TANK	\$16,729,502
Dodge Oakhurst WSC	NO	2020	MUNICIPAL CONSERVATION, DODGE OAKHURST WSC	CONSERVATION - MUNICIPAL (DOES NOT INCLUDE METER REPLACEMENT OR WATER LOSS)	\$433,549
Domestic Water	NO	2020	MUNICIPAL CONSERVATION, DOMESTIC WATER	CONSERVATION - MUNICIPAL (DOES NOT INCLUDE METER REPLACEMENT OR WATER LOSS)	\$553,116
Domestic Water	NO	2030	WUG INFRASTRUCTURE EXPANSION (GROUNDWATER) - DOMESTIC WATER	CONVEYANCE/TRANSMISSION PIPELINE; NEW WATER TREATMENT PLANT; SINGLE WELL; STORAGE TANK	\$5,389,221
Douglas Utility	NO	2020	MUNICIPAL CONSERVATION, DOUGLAS UTILITY	CONSERVATION - MUNICIPAL (DOES NOT INCLUDE METER REPLACEMENT OR WATER LOSS)	\$267,845
Douglas Utility	NO	2030	WUG INFRASTRUCTURE EXPANSION (GROUNDWATER) - DOUGLAS UTILITY	CONVEYANCE/TRANSMISSION PIPELINE; NEW WATER TREATMENT PLANT; SINGLE WELL; STORAGE TANK	\$5,389,221
Dow Inc	YES	2040	BRAZOS SALTWATER BARRIER	SALTWATER BARRIER	\$67,552,043
Dow Inc	YES	2030	DOW RESERVOIR AND PUMP STATION EXPANSION	PUMP STATION; RESERVOIR CONSTRUCTION; SURFACE WATER INTAKE MODIFICATION	\$0
Dow Inc	YES	2040	FREEPORT SEAWATER DESALINATION	NEW WATER TREATMENT PLANT; CONVEYANCE/TRANSMISSION PIPELINE	\$155,877,822
East Plantation UD	NO	2020	MUNICIPAL CONSERVATION, EAST PLANTATION UD	CONSERVATION - MUNICIPAL (DOES NOT INCLUDE METER REPLACEMENT OR WATER LOSS)	\$501,373
El Dorado UD	NO	2020	MUNICIPAL CONSERVATION, EL DORADO UD	CONSERVATION - MUNICIPAL (DOES NOT INCLUDE METER REPLACEMENT OR WATER LOSS)	\$719,479
El Dorado UD	NO	2020	WATER LOSS REDUCTION, EL DORADO UD	WATER LOSS CONTROL	\$363,044
El Dorado UD	NO	2040	WUG INFRASTRUCTURE EXPANSION - EL DORADO UD	CONVEYANCE/TRANSMISSION PIPELINE; STORAGE TANK; PUMP STATION	\$10,162,348
Far Hills UD	NO	2020	MUNICIPAL CONSERVATION, FAR HILLS UD	CONSERVATION - MUNICIPAL (DOES NOT INCLUDE METER REPLACEMENT OR WATER LOSS)	\$506,584
Far Hills UD	NO	2030	WUG INFRASTRUCTURE EXPANSION (GROUNDWATER) - FAR HILLS UD	CONVEYANCE/TRANSMISSION PIPELINE; NEW WATER TREATMENT PLANT; SINGLE WELL; STORAGE TANK	\$5,989,492
First Colony MUD 9	NO	2020	MUNICIPAL CONSERVATION, FIRST COLONY MUD 9	CONSERVATION - MUNICIPAL (DOES NOT INCLUDE METER REPLACEMENT OR WATER LOSS)	\$1,841,255
First Colony MUD 9	NO	2030	WUG INFRASTRUCTURE EXPANSION - FIRST COLONY MUD 9	CONVEYANCE/TRANSMISSION PIPELINE; PUMP STATION; STORAGE TANK	\$10,289,100
First Colony MUD 9	NO	2030	WUG INFRASTRUCTURE EXPANSION (GROUNDWATER) - FIRST COLONY MUD 9	CONVEYANCE/TRANSMISSION PIPELINE; NEW WATER TREATMENT PLANT; SINGLE WELL; STORAGE TANK	\$7,710,267
Flo Community WSC	NO	2020	MUNICIPAL CONSERVATION, FLO COMMUNITY WSC	CONSERVATION - MUNICIPAL (DOES NOT INCLUDE METER REPLACEMENT OR WATER LOSS)	\$767,401
Flo Community WSC	NO	2020	WATER LOSS REDUCTION, FLO COMMUNITY WSC	WATER LOSS CONTROL	\$1,024,682
Forest Hills MUD	NO	2020	MUNICIPAL CONSERVATION, FOREST HILLS MUD	CONSERVATION - MUNICIPAL (DOES NOT INCLUDE METER REPLACEMENT OR WATER LOSS)	\$524,989
Forest Hills MUD	NO	2020	WATER LOSS REDUCTION, FOREST HILLS MUD	WATER LOSS CONTROL	\$369,452
Forest Hills MUD	NO	2040	WUG INFRASTRUCTURE EXPANSION - FOREST HILLS MUD	CONVEYANCE/TRANSMISSION PIPELINE; STORAGE TANK; PUMP STATION	\$10,162,348
Fort Bend County FWSD 1	NO	2020	WATER LOSS REDUCTION, FORT BEND COUNTY FWSD 1	WATER LOSS CONTROL	\$255,490

Region H Recommended Projects Associated with Water Management Strategies

SPONSOR NAME	SPONSOR IS WWP?	ONLINE DECADE	PROJECT NAME	PROJECT DESCRIPTION	CAPITAL COST
Fort Bend County FWSD 1	NO	2030	WUG INFRASTRUCTURE EXPANSION (GROUNDWATER) - FORT BEND COUNTY FWSD 1	CONVEYANCE/TRANSMISSION PIPELINE; NEW WATER TREATMENT PLANT; SINGLE WELL; STORAGE TANK	\$5,389,221
Fort Bend County FWSD 2	NO	2020	MUNICIPAL CONSERVATION, FORT BEND COUNTY FWSD 2	CONSERVATION - MUNICIPAL (DOES NOT INCLUDE METER REPLACEMENT OR WATER LOSS)	\$727,898
Fort Bend County FWSD 2	NO	2030	WUG INFRASTRUCTURE EXPANSION (GROUNDWATER) - FORT BEND COUNTY FWSD 2	CONVEYANCE/TRANSMISSION PIPELINE; NEW WATER TREATMENT PLANT; SINGLE WELL; STORAGE TANK	\$5,867,909
Fort Bend County MUD 115	YES	2020	MUNICIPAL CONSERVATION, FORT BEND COUNTY MUD 115	CONSERVATION - MUNICIPAL (DOES NOT INCLUDE METER REPLACEMENT OR WATER LOSS)	\$372,829
Fort Bend County MUD 115	YES	2020	WATER LOSS REDUCTION, FORT BEND COUNTY MUD 115	WATER LOSS CONTROL	\$743,632
Fort Bend County MUD 115	YES	2030	WUG INFRASTRUCTURE EXPANSION - FORT BEND COUNTY MUD 115	CONVEYANCE/TRANSMISSION PIPELINE; PUMP STATION; STORAGE TANK	\$10,289,100
Fort Bend County MUD 116	NO	2020	MUNICIPAL CONSERVATION, FORT BEND COUNTY MUD 116	CONSERVATION - MUNICIPAL (DOES NOT INCLUDE METER REPLACEMENT OR WATER LOSS)	\$1,316,313
Fort Bend County MUD 116	NO	2030	WUG INFRASTRUCTURE EXPANSION (GROUNDWATER) - FORT BEND COUNTY MUD 116 - PHASE 1	CONVEYANCE/TRANSMISSION PIPELINE; NEW WATER TREATMENT PLANT; SINGLE WELL; STORAGE TANK	\$7,302,385
Fort Bend County MUD 116	NO	2050	WUG INFRASTRUCTURE EXPANSION (GROUNDWATER) - FORT BEND COUNTY MUD 116 - PHASE 2	CONVEYANCE/TRANSMISSION PIPELINE; NEW WATER TREATMENT PLANT; SINGLE WELL; STORAGE TANK	\$5,867,909
Fort Bend County MUD 121	NO	2020	MUNICIPAL CONSERVATION, FORT BEND COUNTY MUD 121	CONSERVATION - MUNICIPAL (DOES NOT INCLUDE METER REPLACEMENT OR WATER LOSS)	\$667,197
Fort Bend County MUD 121	NO	2030	WUG INFRASTRUCTURE EXPANSION - FORT BEND COUNTY MUD 121	CONVEYANCE/TRANSMISSION PIPELINE; PUMP STATION; STORAGE TANK	\$10,162,348
Fort Bend County MUD 128	NO	2020	MUNICIPAL CONSERVATION, FORT BEND COUNTY MUD 128	CONSERVATION - MUNICIPAL (DOES NOT INCLUDE METER REPLACEMENT OR WATER LOSS)	\$780,546
Fort Bend County MUD 128	NO	2030	WUG INFRASTRUCTURE EXPANSION - FORT BEND COUNTY MUD 128	CONVEYANCE/TRANSMISSION PIPELINE; NEW WATER TREATMENT PLANT; SINGLE WELL; STORAGE TANK	\$10,439,739
Fort Bend County MUD 129	NO	2020	MUNICIPAL CONSERVATION, FORT BEND COUNTY MUD 129	CONSERVATION - MUNICIPAL (DOES NOT INCLUDE METER REPLACEMENT OR WATER LOSS)	\$854,414
Fort Bend County MUD 129	NO	2030	WUG INFRASTRUCTURE EXPANSION - FORT BEND COUNTY MUD 129	CONVEYANCE/TRANSMISSION PIPELINE; PUMP STATION; STORAGE TANK	\$10,289,100
Fort Bend County MUD 140	NO	2020	MUNICIPAL CONSERVATION, FORT BEND COUNTY MUD 140	CONSERVATION - MUNICIPAL (DOES NOT INCLUDE METER REPLACEMENT OR WATER LOSS)	\$461,403
Fort Bend County MUD 140	NO	2030	WUG INFRASTRUCTURE EXPANSION - FORT BEND COUNTY MUD 140	CONVEYANCE/TRANSMISSION PIPELINE; PUMP STATION; STORAGE TANK	\$10,162,348
Fort Bend County MUD 149	NO	2020	MUNICIPAL CONSERVATION, FORT BEND COUNTY MUD 149	CONSERVATION - MUNICIPAL (DOES NOT INCLUDE METER REPLACEMENT OR WATER LOSS)	\$1,015,781
Fort Bend County MUD 149	NO	2030	WUG INFRASTRUCTURE EXPANSION - FORT BEND COUNTY MUD 149	CONVEYANCE/TRANSMISSION PIPELINE; PUMP STATION; STORAGE TANK	\$10,088,460
Fort Bend County MUD 152	NO	2020	MUNICIPAL CONSERVATION, FORT BEND COUNTY MUD 152	CONSERVATION - MUNICIPAL (DOES NOT INCLUDE METER REPLACEMENT OR WATER LOSS)	\$501,262
Fort Bend County MUD 152	NO	2030	WUG INFRASTRUCTURE EXPANSION - FORT BEND COUNTY MUD 152	CONVEYANCE/TRANSMISSION PIPELINE; PUMP STATION; STORAGE TANK	\$9,983,912
Fort Bend County MUD 155	NO	2020	MUNICIPAL CONSERVATION, FORT BEND COUNTY MUD 155	CONSERVATION - MUNICIPAL (DOES NOT INCLUDE METER REPLACEMENT OR WATER LOSS)	\$1,141,173
Fort Bend County MUD 155	NO	2030	WUG INFRASTRUCTURE EXPANSION - FORT BEND COUNTY MUD 155	CONVEYANCE/TRANSMISSION PIPELINE; PUMP STATION; STORAGE TANK	\$10,088,460
Fort Bend County MUD 158	NO	2020	MUNICIPAL CONSERVATION, FORT BEND COUNTY MUD 158	CONSERVATION - MUNICIPAL (DOES NOT INCLUDE METER REPLACEMENT OR WATER LOSS)	\$654,285
Fort Bend County MUD 158	NO	2030	WUG INFRASTRUCTURE EXPANSION - FORT BEND COUNTY MUD 158	CONVEYANCE/TRANSMISSION PIPELINE; PUMP STATION; STORAGE TANK	\$10,088,460
Fort Bend County MUD 162	NO	2020	MUNICIPAL CONSERVATION, FORT BEND COUNTY MUD 162	CONSERVATION - MUNICIPAL (DOES NOT INCLUDE METER REPLACEMENT OR WATER LOSS)	\$869,534
Fort Bend County MUD 162	NO	2030	WUG INFRASTRUCTURE EXPANSION (GROUNDWATER) - FORT BEND COUNTY MUD 162	CONVEYANCE/TRANSMISSION PIPELINE; NEW WATER TREATMENT PLANT; SINGLE WELL; STORAGE TANK	\$5,639,722
Fort Bend County MUD 187	NO	2020	MUNICIPAL CONSERVATION, FORT BEND COUNTY MUD 187	CONSERVATION - MUNICIPAL (DOES NOT INCLUDE METER REPLACEMENT OR WATER LOSS)	\$613,870

Region H Recommended Projects Associated with Water Management Strategies

SPONSOR NAME	SPONSOR IS WWP?	ONLINE DECADE	PROJECT NAME	PROJECT DESCRIPTION	CAPITAL COST
Fort Bend County MUD 187	NO	2030	WUG INFRASTRUCTURE EXPANSION - FORT BEND COUNTY MUD 187	CONVEYANCE/TRANSMISSION PIPELINE; PUMP STATION; STORAGE TANK	\$10,088,460
Fort Bend County MUD 23	YES	2020	MUNICIPAL CONSERVATION, FORT BEND COUNTY MUD 23	CONSERVATION - MUNICIPAL (DOES NOT INCLUDE METER REPLACEMENT OR WATER LOSS)	\$3,045,122
Fort Bend County MUD 23	YES	2030	WUG INFRASTRUCTURE EXPANSION - FORT BEND COUNTY MUD 23	CONVEYANCE/TRANSMISSION PIPELINE; PUMP STATION; STORAGE TANK	\$10,162,348
Fort Bend County MUD 23	YES	2030	WUG INFRASTRUCTURE EXPANSION (GROUNDWATER) - FORT BEND COUNTY MUD 23	CONVEYANCE/TRANSMISSION PIPELINE; NEW WATER TREATMENT PLANT; SINGLE WELL; STORAGE TANK	\$7,710,267
Fort Bend County MUD 24	NO	2020	MUNICIPAL CONSERVATION, FORT BEND COUNTY MUD 24	CONSERVATION - MUNICIPAL (DOES NOT INCLUDE METER REPLACEMENT OR WATER LOSS)	\$643,907
Fort Bend County MUD 24	NO	2030	WUG INFRASTRUCTURE EXPANSION - FORT BEND COUNTY MUD 24	CONVEYANCE/TRANSMISSION PIPELINE; PUMP STATION; STORAGE TANK	\$9,983,912
Fort Bend County MUD 24	NO	2030	WUG INFRASTRUCTURE EXPANSION (GROUNDWATER) - FORT BEND COUNTY MUD 24	CONVEYANCE/TRANSMISSION PIPELINE; NEW WATER TREATMENT PLANT; SINGLE WELL; STORAGE TANK	\$5,389,221
Fort Bend County MUD 25	NO	2030	FORT BEND MUD 25 GRP INFRASTRUCTURE	CONVEYANCE/TRANSMISSION PIPELINE; NEW WATER TREATMENT PLANT; PUMP STATION	\$26,718,250
Fort Bend County MUD 25	NO	2020	MUNICIPAL CONSERVATION, FORT BEND COUNTY MUD 25	CONSERVATION - MUNICIPAL (DOES NOT INCLUDE METER REPLACEMENT OR WATER LOSS)	\$2,692,798
Fort Bend County MUD 26	NO	2020	MUNICIPAL CONSERVATION, FORT BEND COUNTY MUD 26	CONSERVATION - MUNICIPAL (DOES NOT INCLUDE METER REPLACEMENT OR WATER LOSS)	\$1,341,630
Fort Bend County MUD 26	NO	2030	WUG INFRASTRUCTURE EXPANSION - FORT BEND COUNTY MUD 26	CONVEYANCE/TRANSMISSION PIPELINE; PUMP STATION; STORAGE TANK	\$10,088,460
Fort Bend County MUD 26	NO	2030	WUG INFRASTRUCTURE EXPANSION (GROUNDWATER) - FORT BEND COUNTY MUD 26	CONVEYANCE/TRANSMISSION PIPELINE; NEW WATER TREATMENT PLANT; SINGLE WELL; STORAGE TANK	\$6,656,610
Fort Bend County MUD 42	NO	2020	MUNICIPAL CONSERVATION, FORT BEND COUNTY MUD 42	CONSERVATION - MUNICIPAL (DOES NOT INCLUDE METER REPLACEMENT OR WATER LOSS)	\$1,160,139
Fort Bend County MUD 42	NO	2030	WUG INFRASTRUCTURE EXPANSION - FORT BEND COUNTY MUD 42	CONVEYANCE/TRANSMISSION PIPELINE; PUMP STATION; STORAGE TANK	\$10,162,348
Fort Bend County MUD 42	NO	2030	WUG INFRASTRUCTURE EXPANSION (GROUNDWATER) - FORT BEND COUNTY MUD 42	CONVEYANCE/TRANSMISSION PIPELINE; NEW WATER TREATMENT PLANT; SINGLE WELL; STORAGE TANK	\$6,971,114
Fort Bend County MUD 46	NO	2020	MUNICIPAL CONSERVATION, FORT BEND COUNTY MUD 46	CONSERVATION - MUNICIPAL (DOES NOT INCLUDE METER REPLACEMENT OR WATER LOSS)	\$757,086
Fort Bend County MUD 46	NO	2040	WUG INFRASTRUCTURE EXPANSION - FORT BEND COUNTY MUD 46	CONVEYANCE/TRANSMISSION PIPELINE; PUMP STATION; STORAGE TANK	\$9,983,912
Fort Bend County MUD 47	NO	2020	MUNICIPAL CONSERVATION, FORT BEND COUNTY MUD 47	CONSERVATION - MUNICIPAL (DOES NOT INCLUDE METER REPLACEMENT OR WATER LOSS)	\$484,464
Fort Bend County MUD 47	NO	2040	WUG INFRASTRUCTURE EXPANSION - FORT BEND COUNTY MUD 47	CONVEYANCE/TRANSMISSION PIPELINE; PUMP STATION; STORAGE TANK	\$9,983,912
Fort Bend County MUD 48	NO	2020	MUNICIPAL CONSERVATION, FORT BEND COUNTY MUD 48	CONSERVATION - MUNICIPAL (DOES NOT INCLUDE METER REPLACEMENT OR WATER LOSS)	\$722,151
Fort Bend County MUD 48	NO	2030	WUG INFRASTRUCTURE EXPANSION - FORT BEND COUNTY MUD 48	CONVEYANCE/TRANSMISSION PIPELINE; PUMP STATION; STORAGE TANK	\$10,088,460
Fort Bend County MUD 49	NO	2020	MUNICIPAL CONSERVATION, FORT BEND COUNTY MUD 49	CONSERVATION - MUNICIPAL (DOES NOT INCLUDE METER REPLACEMENT OR WATER LOSS)	\$286,729
Fort Bend County MUD 49	NO	2020	WUG INFRASTRUCTURE EXPANSION - FORT BEND COUNTY MUD 49	CONVEYANCE/TRANSMISSION PIPELINE; PUMP STATION; STORAGE TANK	\$10,088,460
Fort Bend County MUD 5	NO	2020	MUNICIPAL CONSERVATION, FORT BEND COUNTY MUD 5	CONSERVATION - MUNICIPAL (DOES NOT INCLUDE METER REPLACEMENT OR WATER LOSS)	\$813,007
Fort Bend County MUD 5	NO	2030	WUG INFRASTRUCTURE EXPANSION (GROUNDWATER) - FORT BEND COUNTY MUD 5	CONVEYANCE/TRANSMISSION PIPELINE; NEW WATER TREATMENT PLANT; SINGLE WELL; STORAGE TANK	\$5,514,472
Fort Bend County MUD 81	NO	2020	MUNICIPAL CONSERVATION, FORT BEND COUNTY MUD 81	CONSERVATION - MUNICIPAL (DOES NOT INCLUDE METER REPLACEMENT OR WATER LOSS)	\$881,584
Fort Bend County MUD 81	NO	2020	WATER LOSS REDUCTION, FORT BEND COUNTY MUD 81	WATER LOSS CONTROL	\$1,040,860
Fort Bend County WCID 2	YES	2030	FORT BEND WCID 2 GRP INFRASTRUCTURE - PHASE 1	CONVEYANCE/TRANSMISSION PIPELINE; PUMP STATION; WATER TREATMENT PLANT EXPANSION	\$31,767,983
Fort Bend County WCID 2	YES	2040	FORT BEND WCID 2 GRP INFRASTRUCTURE - PHASE 2	CONVEYANCE/TRANSMISSION PIPELINE; PUMP STATION; WATER TREATMENT PLANT EXPANSION	\$31,767,983

Region H Recommended Projects Associated with Water Management Strategies

SPONSOR NAME	SPONSOR IS WWP?	ONLINE DECADE	PROJECT NAME	PROJECT DESCRIPTION	CAPITAL COST
Fort Bend County WCID 2	YES	2020	MUNICIPAL CONSERVATION, FORT BEND COUNTY WCID 2	CONSERVATION - MUNICIPAL (DOES NOT INCLUDE METER REPLACEMENT OR WATER LOSS)	\$12,603,207
Fort Bend County WCID 2	YES	2020	WATER LOSS REDUCTION, FORT BEND COUNTY WCID 2	WATER LOSS CONTROL	\$5,695,680
Fort Bend County WCID 3	NO	2020	MUNICIPAL CONSERVATION, FORT BEND COUNTY WCID 3	CONSERVATION - MUNICIPAL (DOES NOT INCLUDE METER REPLACEMENT OR WATER LOSS)	\$173,630
Fort Bend County WCID 3	NO	2030	WUG INFRASTRUCTURE EXPANSION (GROUNDWATER) - FORT BEND COUNTY WCID 3	CONVEYANCE/TRANSMISSION PIPELINE; NEW WATER TREATMENT PLANT; SINGLE WELL; STORAGE TANK	\$6,232,657
Freeport	YES	2020	MUNICIPAL CONSERVATION, FREEPORT	CONSERVATION - MUNICIPAL (DOES NOT INCLUDE METER REPLACEMENT OR WATER LOSS)	\$3,395,490
Friendswood	NO	2020	MUNICIPAL CONSERVATION, FRIENDSWOOD	CONSERVATION - MUNICIPAL (DOES NOT INCLUDE METER REPLACEMENT OR WATER LOSS)	\$14,598,439
Friendswood	NO	2030	SOUTHEAST TRANSMISSION LINE IMPROVEMENTS	CONVEYANCE/TRANSMISSION PIPELINE	\$12,644,220
Friendswood	NO	2020	WATER LOSS REDUCTION, FRIENDSWOOD	WATER LOSS CONTROL	\$9,832,174
Fulshear	NO	2020	MUNICIPAL CONSERVATION, FULSHEAR	CONSERVATION - MUNICIPAL (DOES NOT INCLUDE METER REPLACEMENT OR WATER LOSS)	\$6,645,648
Fulshear	NO	2030	WUG INFRASTRUCTURE EXPANSION - FULSHEAR	CONVEYANCE/TRANSMISSION PIPELINE; PUMP STATION; STORAGE TANK	\$10,707,918
G & W WSC	NO	2020	MUNICIPAL CONSERVATION, G & W WSC	CONSERVATION - MUNICIPAL (DOES NOT INCLUDE METER REPLACEMENT OR WATER LOSS)	\$1,500,104
G & W WSC	NO	2020	WATER LOSS REDUCTION, G & W WSC	WATER LOSS CONTROL	\$669,858
G & W WSC	NO	2060	WUG INFRASTRUCTURE EXPANSION (GROUNDWATER) - G & W WSC (SJ)	CONVEYANCE/TRANSMISSION PIPELINE; NEW WATER TREATMENT PLANT; SINGLE WELL; STORAGE TANK	\$6,656,610
Galena Park	YES	2020	MUNICIPAL CONSERVATION, GALENA PARK	CONSERVATION - MUNICIPAL (DOES NOT INCLUDE METER REPLACEMENT OR WATER LOSS)	\$778,850
Galveston	YES	2020	MUNICIPAL CONSERVATION, GALVESTON	CONSERVATION - MUNICIPAL (DOES NOT INCLUDE METER REPLACEMENT OR WATER LOSS)	\$23,845,085
Galveston	YES	2020	WATER LOSS REDUCTION, GALVESTON	WATER LOSS CONTROL	\$49,732,012
Galveston	YES	2030	WUG INFRASTRUCTURE EXPANSION - GALVESTON	CONVEYANCE/TRANSMISSION PIPELINE; PUMP STATION; STORAGE TANK	\$27,394,984
Galveston County FWSD 6	NO	2020	MUNICIPAL CONSERVATION, GALVESTON COUNTY FWSD 6	CONSERVATION - MUNICIPAL (DOES NOT INCLUDE METER REPLACEMENT OR WATER LOSS)	\$660,142
Galveston County FWSD 6	NO	2030	WUG INFRASTRUCTURE EXPANSION - GALVESTON COUNTY FWSD 6	CONVEYANCE/TRANSMISSION PIPELINE; PUMP STATION; STORAGE TANK	\$9,983,912
Galveston County MUD 12	NO	2020	MUNICIPAL CONSERVATION, GALVESTON COUNTY MUD 12	CONSERVATION - MUNICIPAL (DOES NOT INCLUDE METER REPLACEMENT OR WATER LOSS)	\$843,197
Galveston County MUD 12	NO	2030	WUG INFRASTRUCTURE EXPANSION - GALVESTON COUNTY MUD 12	CONVEYANCE/TRANSMISSION PIPELINE; PUMP STATION; STORAGE TANK	\$9,983,912
Galveston County WCID 1	YES	2020	MUNICIPAL CONSERVATION, GALVESTON COUNTY WCID 1	CONSERVATION - MUNICIPAL (DOES NOT INCLUDE METER REPLACEMENT OR WATER LOSS)	\$8,749,682
Galveston County WCID 1	YES	2020	WATER LOSS REDUCTION, GALVESTON COUNTY WCID 1	WATER LOSS CONTROL	\$4,300,622
Galveston County WCID 1	YES	2030	WUG INFRASTRUCTURE EXPANSION - GALVESTON COUNTY WCID 1	CONVEYANCE/TRANSMISSION PIPELINE; PUMP STATION; STORAGE TANK	\$10,707,918
Galveston County WCID 12	NO	2020	MUNICIPAL CONSERVATION, GALVESTON COUNTY WCID 12	CONSERVATION - MUNICIPAL (DOES NOT INCLUDE METER REPLACEMENT OR WATER LOSS)	\$1,940,157
Galveston County WCID 12	NO	2030	WUG INFRASTRUCTURE EXPANSION - GALVESTON COUNTY WCID 12	CONVEYANCE/TRANSMISSION PIPELINE; PUMP STATION; STORAGE TANK	\$12,931,975
Galveston County WCID 8	NO	2020	MUNICIPAL CONSERVATION, GALVESTON COUNTY WCID 8	CONSERVATION - MUNICIPAL (DOES NOT INCLUDE METER REPLACEMENT OR WATER LOSS)	\$1,351,775
Galveston County WCID 8	NO	2020	WATER LOSS REDUCTION, GALVESTON COUNTY WCID 8	WATER LOSS CONTROL	\$2,130,160
Galveston County WCID 8	NO	2030	WUG INFRASTRUCTURE EXPANSION - GALVESTON COUNTY WCID 8	CONVEYANCE/TRANSMISSION PIPELINE; PUMP STATION; STORAGE TANK	\$10,162,348
Glendale WSC	NO	2020	MUNICIPAL CONSERVATION, GLENDALE WSC	CONSERVATION - MUNICIPAL (DOES NOT INCLUDE METER REPLACEMENT OR WATER LOSS)	\$310,753
Green Trails MUD	NO	2020	MUNICIPAL CONSERVATION, GREEN TRAILS MUD	CONSERVATION - MUNICIPAL (DOES NOT INCLUDE METER REPLACEMENT OR WATER LOSS)	\$531,758

Region H Recommended Projects Associated with Water Management Strategies

SPONSOR NAME	SPONSOR IS WWP?	ONLINE DECADE	PROJECT NAME	PROJECT DESCRIPTION	CAPITAL COST
Green Trails MUD	NO	2030	WUG INFRASTRUCTURE EXPANSION (GROUNDWATER) - GREEN TRAILS MUD	CONVEYANCE/TRANSMISSION PIPELINE; NEW WATER TREATMENT PLANT; SINGLE WELL; STORAGE TANK	\$6,475,822
Greenwood UD	NO	2020	MUNICIPAL CONSERVATION, GREENWOOD UD	CONSERVATION - MUNICIPAL (DOES NOT INCLUDE METER REPLACEMENT OR WATER LOSS)	\$1,033,036
Greenwood UD	NO	2020	WATER LOSS REDUCTION, GREENWOOD UD	WATER LOSS CONTROL	\$1,699,188
Groveton	NO	2020	GROVETON WELL DEVELOPMENT	CONVEYANCE/TRANSMISSION PIPELINE; SINGLE WELL	\$2,211,952
Groveton	NO	2020	MUNICIPAL CONSERVATION, GROVETON	CONSERVATION - MUNICIPAL (DOES NOT INCLUDE METER REPLACEMENT OR WATER LOSS)	\$221,313
Groveton	NO	2020	WATER LOSS REDUCTION, GROVETON	WATER LOSS CONTROL	\$124,064
Gulf Coast Water Authority	YES	2030	GALVESTON COUNTY INDUSTRIAL REUSE INFRASTRUCTURE	CONVEYANCE/TRANSMISSION PIPELINE; PUMP STATION; STORAGE TANK; WATER TREATMENT PLANT EXPANSION	\$90,746,960
Gulf Coast Water Authority	YES	2040	GCWA BACKUP WELL DEVELOPMENT	MULTIPLE WELLS/WELL FIELD	\$1,346,492
Gulf Coast Water Authority	YES	2020	GCWA INDUSTRIAL RAW WATER LINE	CONVEYANCE/TRANSMISSION PIPELINE; PUMP STATION; WATER RIGHT/PERMIT AMENDMENT NO IBT	\$45,110,104
Gulf Coast Water Authority	YES	2030	GCWA SHANNON PUMP STATION EXPANSION	PUMP STATION; WATER RIGHT/PERMIT AMENDMENT NO IBT	\$65,801,381
Gulf Coast Water Authority	YES	2030	GCWA WESTERN GALVESTON COUNTY TREATMENT EXPANSION	NEW WATER TREATMENT PLANT; WATER RIGHT/PERMIT AMENDMENT NO IBT	\$167,919,105
Gulf Coast Water Authority	YES	2030	SEWPP ADDITIONAL MODULE	WATER TREATMENT PLANT EXPANSION	\$97,597,266
Gulf Coast Water Authority	YES	2030	SOUTHEAST TRANSMISSION LINE IMPROVEMENTS	CONVEYANCE/TRANSMISSION PIPELINE	\$53,117,789
Gulf Utility	NO	2020	MUNICIPAL CONSERVATION, GULF UTILITY	CONSERVATION - MUNICIPAL (DOES NOT INCLUDE METER REPLACEMENT OR WATER LOSS)	\$1,062,643
Hardin WSC	NO	2020	MUNICIPAL CONSERVATION, HARDIN WSC	CONSERVATION - MUNICIPAL (DOES NOT INCLUDE METER REPLACEMENT OR WATER LOSS)	\$1,848,734
Harris County FWSD 1-A	NO	2020	MUNICIPAL CONSERVATION, HARRIS COUNTY FWSD 1-A	CONSERVATION - MUNICIPAL (DOES NOT INCLUDE METER REPLACEMENT OR WATER LOSS)	\$502,670
Harris County FWSD 1-A	NO	2020	WATER LOSS REDUCTION, HARRIS COUNTY FWSD 1-A	WATER LOSS CONTROL	\$403,944
Harris County FWSD 27	NO	2020	MUNICIPAL CONSERVATION, HARRIS COUNTY FWSD 27	CONSERVATION - MUNICIPAL (DOES NOT INCLUDE METER REPLACEMENT OR WATER LOSS)	\$423,459
Harris County FWSD 58	NO	2020	MUNICIPAL CONSERVATION, HARRIS COUNTY FWSD 58	CONSERVATION - MUNICIPAL (DOES NOT INCLUDE METER REPLACEMENT OR WATER LOSS)	\$459,976
Harris County FWSD 58	NO	2020	WATER LOSS REDUCTION, HARRIS COUNTY FWSD 58	WATER LOSS CONTROL	\$79,994
Harris County FWSD 58	NO	2030	WUG INFRASTRUCTURE EXPANSION (GROUNDWATER) - HARRIS COUNTY FWSD 58	CONVEYANCE/TRANSMISSION PIPELINE; NEW WATER TREATMENT PLANT; SINGLE WELL; STORAGE TANK	\$6,354,239
Harris County MUD 106	YES	2020	MUNICIPAL CONSERVATION, HARRIS COUNTY MUD 106	CONSERVATION - MUNICIPAL (DOES NOT INCLUDE METER REPLACEMENT OR WATER LOSS)	\$834,843
Harris County MUD 106	YES	2020	WATER LOSS REDUCTION, HARRIS COUNTY MUD 106	WATER LOSS CONTROL	\$1,632,142
Harris County MUD 106	YES	2040	WUG INFRASTRUCTURE EXPANSION - HARRIS COUNTY MUD 106	STORAGE TANK; PUMP STATION; CONVEYANCE/TRANSMISSION PIPELINE	\$10,941,462
Harris County MUD 11	NO	2020	MUNICIPAL CONSERVATION, HARRIS COUNTY MUD 11	CONSERVATION - MUNICIPAL (DOES NOT INCLUDE METER REPLACEMENT OR WATER LOSS)	\$794,241
Harris County MUD 11	NO	2020	WATER LOSS REDUCTION, HARRIS COUNTY MUD 11	WATER LOSS CONTROL	\$30,798
Harris County MUD 11	NO	2040	WUG INFRASTRUCTURE EXPANSION - HARRIS COUNTY MUD 11	CONVEYANCE/TRANSMISSION PIPELINE; STORAGE TANK; PUMP STATION	\$10,162,348
Harris County MUD 119	NO	2020	MUNICIPAL CONSERVATION, HARRIS COUNTY MUD 119	CONSERVATION - MUNICIPAL (DOES NOT INCLUDE METER REPLACEMENT OR WATER LOSS)	\$1,337,662
Harris County MUD 119	NO	2040	WUG INFRASTRUCTURE EXPANSION - HARRIS COUNTY MUD 119	CONVEYANCE/TRANSMISSION PIPELINE; STORAGE TANK; PUMP STATION	\$10,439,739
Harris County MUD 122	NO	2020	MUNICIPAL CONSERVATION, HARRIS COUNTY MUD 122	CONSERVATION - MUNICIPAL (DOES NOT INCLUDE METER REPLACEMENT OR WATER LOSS)	\$363,203
Harris County MUD 122	NO	2020	WUG INFRASTRUCTURE EXPANSION - HARRIS COUNTY MUD 122	CONVEYANCE/TRANSMISSION PIPELINE; PUMP STATION; STORAGE TANK	\$9,983,912
Harris County MUD 132	NO	2020	MUNICIPAL CONSERVATION, HARRIS COUNTY MUD 132	CONSERVATION - MUNICIPAL (DOES NOT INCLUDE METER REPLACEMENT OR WATER LOSS)	\$1,411,667

Region H Recommended Projects Associated with Water Management Strategies

SPONSOR NAME	SPONSOR IS WWP?	ONLINE DECADE	PROJECT NAME	PROJECT DESCRIPTION	CAPITAL COST
Harris County MUD 132	NO	2040	WUG INFRASTRUCTURE EXPANSION - HARRIS COUNTY MUD 132	STORAGE TANK; PUMP STATION; CONVEYANCE/TRANSMISSION PIPELINE	\$10,734,155
Harris County MUD 148	NO	2020	MUNICIPAL CONSERVATION, HARRIS COUNTY MUD 148	CONSERVATION - MUNICIPAL (DOES NOT INCLUDE METER REPLACEMENT OR WATER LOSS)	\$724,913
Harris County MUD 151	NO	2020	MUNICIPAL CONSERVATION, HARRIS COUNTY MUD 151	CONSERVATION - MUNICIPAL (DOES NOT INCLUDE METER REPLACEMENT OR WATER LOSS)	\$1,414,243
Harris County MUD 151	NO	2040	WUG INFRASTRUCTURE EXPANSION - HARRIS COUNTY MUD 151	STORAGE TANK; PUMP STATION; CONVEYANCE/TRANSMISSION PIPELINE	\$10,734,155
Harris County MUD 152	NO	2020	MUNICIPAL CONSERVATION, HARRIS COUNTY MUD 152	CONSERVATION - MUNICIPAL (DOES NOT INCLUDE METER REPLACEMENT OR WATER LOSS)	\$1,605,807
Harris County MUD 152	NO	2040	WUG INFRASTRUCTURE EXPANSION - HARRIS COUNTY MUD 152	STORAGE TANK; PUMP STATION; CONVEYANCE/TRANSMISSION PIPELINE	\$10,760,392
Harris County MUD 153	NO	2020	MUNICIPAL CONSERVATION, HARRIS COUNTY MUD 153	CONSERVATION - MUNICIPAL (DOES NOT INCLUDE METER REPLACEMENT OR WATER LOSS)	\$1,659,589
Harris County MUD 153	NO	2030	WUG INFRASTRUCTURE EXPANSION (GROUNDWATER) - HARRIS COUNTY MUD 153	CONVEYANCE/TRANSMISSION PIPELINE; NEW WATER TREATMENT PLANT; SINGLE WELL; STORAGE TANK	\$7,710,267
Harris County MUD 154	NO	2020	MUNICIPAL CONSERVATION, HARRIS COUNTY MUD 154	CONSERVATION - MUNICIPAL (DOES NOT INCLUDE METER REPLACEMENT OR WATER LOSS)	\$1,615,878
Harris County MUD 154	NO	2040	WUG INFRASTRUCTURE EXPANSION - HARRIS COUNTY MUD 154	CONVEYANCE/TRANSMISSION PIPELINE; STORAGE TANK; PUMP STATION	\$10,707,918
Harris County MUD 158	NO	2020	MUNICIPAL CONSERVATION, HARRIS COUNTY MUD 158	CONSERVATION - MUNICIPAL (DOES NOT INCLUDE METER REPLACEMENT OR WATER LOSS)	\$1,329,396
Harris County MUD 180	NO	2020	MUNICIPAL CONSERVATION, HARRIS COUNTY MUD 180	CONSERVATION - MUNICIPAL (DOES NOT INCLUDE METER REPLACEMENT OR WATER LOSS)	\$1,033,945
Harris County MUD 180	NO	2020	WATER LOSS REDUCTION, HARRIS COUNTY MUD 180	WATER LOSS CONTROL	\$656,498
Harris County MUD 180	NO	2030	WUG INFRASTRUCTURE EXPANSION (GROUNDWATER) - HARRIS COUNTY MUD 180	CONVEYANCE/TRANSMISSION PIPELINE; NEW WATER TREATMENT PLANT; SINGLE WELL; STORAGE TANK	\$6,232,657
Harris County MUD 189	NO	2020	MUNICIPAL CONSERVATION, HARRIS COUNTY MUD 189	CONSERVATION - MUNICIPAL (DOES NOT INCLUDE METER REPLACEMENT OR WATER LOSS)	\$414,976
Harris County MUD 189	NO	2040	WUG INFRASTRUCTURE EXPANSION - HARRIS COUNTY MUD 189	CONVEYANCE/TRANSMISSION PIPELINE; STORAGE TANK; PUMP STATION	\$10,289,100
Harris County MUD 216	NO	2020	MUNICIPAL CONSERVATION, HARRIS COUNTY MUD 216	CONSERVATION - MUNICIPAL (DOES NOT INCLUDE METER REPLACEMENT OR WATER LOSS)	\$296,293
Harris County MUD 216	NO	2020	WATER LOSS REDUCTION, HARRIS COUNTY MUD 216	WATER LOSS CONTROL	\$229,162
Harris County MUD 216	NO	2030	WUG INFRASTRUCTURE EXPANSION (GROUNDWATER) - HARRIS COUNTY MUD 216	CONVEYANCE/TRANSMISSION PIPELINE; NEW WATER TREATMENT PLANT; SINGLE WELL; STORAGE TANK	\$5,389,221
Harris County MUD 221	NO	2020	MUNICIPAL CONSERVATION, HARRIS COUNTY MUD 221	CONSERVATION - MUNICIPAL (DOES NOT INCLUDE METER REPLACEMENT OR WATER LOSS)	\$956,227
Harris County MUD 221	NO	2040	WUG INFRASTRUCTURE EXPANSION - HARRIS COUNTY MUD 221	CONVEYANCE/TRANSMISSION PIPELINE; STORAGE TANK; PUMP STATION	\$10,289,100
Harris County MUD 23	NO	2020	MUNICIPAL CONSERVATION, HARRIS COUNTY MUD 23	CONSERVATION - MUNICIPAL (DOES NOT INCLUDE METER REPLACEMENT OR WATER LOSS)	\$711,142
Harris County MUD 278	NO	2020	MUNICIPAL CONSERVATION, HARRIS COUNTY MUD 278	CONSERVATION - MUNICIPAL (DOES NOT INCLUDE METER REPLACEMENT OR WATER LOSS)	\$3,073,353
Harris County MUD 278	NO	2040	WUG INFRASTRUCTURE EXPANSION - HARRIS COUNTY MUD 278	CONVEYANCE/TRANSMISSION PIPELINE; PUMP STATION; STORAGE TANK	\$10,289,100
Harris County MUD 290	NO	2020	MUNICIPAL CONSERVATION, HARRIS COUNTY MUD 290	CONSERVATION - MUNICIPAL (DOES NOT INCLUDE METER REPLACEMENT OR WATER LOSS)	\$1,859,607
Harris County MUD 290	NO	2040	WUG INFRASTRUCTURE EXPANSION - HARRIS COUNTY MUD 290	STORAGE TANK; PUMP STATION; CONVEYANCE/TRANSMISSION PIPELINE	\$10,531,772
Harris County MUD 321	NO	2020	MUNICIPAL CONSERVATION, HARRIS COUNTY MUD 321	CONSERVATION - MUNICIPAL (DOES NOT INCLUDE METER REPLACEMENT OR WATER LOSS)	\$519,460
Harris County MUD 342	NO	2020	MUNICIPAL CONSERVATION, HARRIS COUNTY MUD 342	CONSERVATION - MUNICIPAL (DOES NOT INCLUDE METER REPLACEMENT OR WATER LOSS)	\$725,230
Harris County MUD 344	YES	2020	MUNICIPAL CONSERVATION, HARRIS COUNTY MUD 344	CONSERVATION - MUNICIPAL (DOES NOT INCLUDE METER REPLACEMENT OR WATER LOSS)	\$939,967
Harris County MUD 345	NO	2020	MUNICIPAL CONSERVATION, HARRIS COUNTY MUD 345	CONSERVATION - MUNICIPAL (DOES NOT INCLUDE METER REPLACEMENT OR WATER LOSS)	\$881,421

Region H Recommended Projects Associated with Water Management Strategies

SPONSOR NAME	SPONSOR IS WWP?	ONLINE DECADE	PROJECT NAME	PROJECT DESCRIPTION	CAPITAL COST
Harris County MUD 345	NO	2030	WUG INFRASTRUCTURE EXPANSION (GROUNDWATER) - HARRIS COUNTY MUD 345	CONVEYANCE/TRANSMISSION PIPELINE; NEW WATER TREATMENT PLANT; SINGLE WELL; STORAGE TANK	\$6,971,114
Harris County MUD 36	NO	2020	MUNICIPAL CONSERVATION, HARRIS COUNTY MUD 36	CONSERVATION - MUNICIPAL (DOES NOT INCLUDE METER REPLACEMENT OR WATER LOSS)	\$270,358
Harris County MUD 36	NO	2040	WUG INFRASTRUCTURE EXPANSION - HARRIS COUNTY MUD 36	CONVEYANCE/TRANSMISSION PIPELINE; STORAGE TANK; PUMP STATION	\$10,162,348
Harris County MUD 361	NO	2020	MUNICIPAL CONSERVATION, HARRIS COUNTY MUD 361	CONSERVATION - MUNICIPAL (DOES NOT INCLUDE METER REPLACEMENT OR WATER LOSS)	\$860,548
Harris County MUD 372	NO	2020	MUNICIPAL CONSERVATION, HARRIS COUNTY MUD 372	CONSERVATION - MUNICIPAL (DOES NOT INCLUDE METER REPLACEMENT OR WATER LOSS)	\$877,602
Harris County MUD 400	NO	2020	MUNICIPAL CONSERVATION, HARRIS COUNTY MUD 400	CONSERVATION - MUNICIPAL (DOES NOT INCLUDE METER REPLACEMENT OR WATER LOSS)	\$1,345,326
Harris County MUD 400	NO	2030	WUG INFRASTRUCTURE EXPANSION (GROUNDWATER) - HARRIS COUNTY MUD 400	CONVEYANCE/TRANSMISSION PIPELINE; NEW WATER TREATMENT PLANT; SINGLE WELL; STORAGE TANK	\$8,357,842
Harris County MUD 412	NO	2020	MUNICIPAL CONSERVATION, HARRIS COUNTY MUD 412	CONSERVATION - MUNICIPAL (DOES NOT INCLUDE METER REPLACEMENT OR WATER LOSS)	\$867,134
Harris County MUD 412	NO	2020	WATER LOSS REDUCTION, HARRIS COUNTY MUD 412	WATER LOSS CONTROL	\$642,432
Harris County MUD 420	NO	2020	MUNICIPAL CONSERVATION, HARRIS COUNTY MUD 420	CONSERVATION - MUNICIPAL (DOES NOT INCLUDE METER REPLACEMENT OR WATER LOSS)	\$357,369
Harris County MUD 46	NO	2020	MUNICIPAL CONSERVATION, HARRIS COUNTY MUD 46	CONSERVATION - MUNICIPAL (DOES NOT INCLUDE METER REPLACEMENT OR WATER LOSS)	\$760,176
Harris County MUD 46	NO	2040	WUG INFRASTRUCTURE EXPANSION - HARRIS COUNTY MUD 46	STORAGE TANK; PUMP STATION; CONVEYANCE/TRANSMISSION PIPELINE	\$10,475,383
Harris County MUD 49	NO	2020	MUNICIPAL CONSERVATION, HARRIS COUNTY MUD 49	CONSERVATION - MUNICIPAL (DOES NOT INCLUDE METER REPLACEMENT OR WATER LOSS)	\$1,495,295
Harris County MUD 5	NO	2020	MUNICIPAL CONSERVATION, HARRIS COUNTY MUD 5	CONSERVATION - MUNICIPAL (DOES NOT INCLUDE METER REPLACEMENT OR WATER LOSS)	\$1,291,089
Harris County MUD 5	NO	2020	WATER LOSS REDUCTION, HARRIS COUNTY MUD 5	WATER LOSS CONTROL	\$480,908
Harris County MUD 50	NO	2020	MUNICIPAL CONSERVATION, HARRIS COUNTY MUD 50	CONSERVATION - MUNICIPAL (DOES NOT INCLUDE METER REPLACEMENT OR WATER LOSS)	\$849,066
Harris County MUD 50	NO	2020	WATER LOSS REDUCTION, HARRIS COUNTY MUD 50	WATER LOSS CONTROL	\$781,538
Harris County MUD 55	NO	2020	MUNICIPAL CONSERVATION, HARRIS COUNTY MUD 55	CONSERVATION - MUNICIPAL (DOES NOT INCLUDE METER REPLACEMENT OR WATER LOSS)	\$4,204,948
Harris County MUD 55	NO	2030	SOUTHEAST TRANSMISSION LINE IMPROVEMENTS	CONVEYANCE/TRANSMISSION PIPELINE	\$9,246,023
Harris County MUD 55	NO	2020	WATER LOSS REDUCTION, HARRIS COUNTY MUD 55	WATER LOSS CONTROL	\$739,672
Harris County MUD 58	NO	2020	MUNICIPAL CONSERVATION, HARRIS COUNTY MUD 58	CONSERVATION - MUNICIPAL (DOES NOT INCLUDE METER REPLACEMENT OR WATER LOSS)	\$261,523
Harris County MUD 58	NO	2030	WUG INFRASTRUCTURE EXPANSION (GROUNDWATER) - HARRIS COUNTY MUD 58	CONVEYANCE/TRANSMISSION PIPELINE; NEW WATER TREATMENT PLANT; SINGLE WELL; STORAGE TANK	\$5,639,722
Harris County MUD 6	NO	2020	MUNICIPAL CONSERVATION, HARRIS COUNTY MUD 6	CONSERVATION - MUNICIPAL (DOES NOT INCLUDE METER REPLACEMENT OR WATER LOSS)	\$846,222
Harris County MUD 6	NO	2030	WUG INFRASTRUCTURE EXPANSION - HARRIS COUNTY MUD 6	CONVEYANCE/TRANSMISSION PIPELINE; PUMP STATION; STORAGE TANK	\$10,088,460
Harris County MUD 8	NO	2020	MUNICIPAL CONSERVATION, HARRIS COUNTY MUD 8	CONSERVATION - MUNICIPAL (DOES NOT INCLUDE METER REPLACEMENT OR WATER LOSS)	\$544,419
Harris County MUD 96	NO	2020	MUNICIPAL CONSERVATION, HARRIS COUNTY MUD 96	CONSERVATION - MUNICIPAL (DOES NOT INCLUDE METER REPLACEMENT OR WATER LOSS)	\$1,591,503
Harris County UD 14	YES	2020	WATER LOSS REDUCTION, HARRIS COUNTY UD 14	WATER LOSS CONTROL	\$450,426
Harris County UD 14	YES	2040	WUG INFRASTRUCTURE EXPANSION - HARRIS COUNTY UD 14	CONVEYANCE/TRANSMISSION PIPELINE; STORAGE TANK; PUMP STATION	\$10,162,348
Harris County UD 15	NO	2020	MUNICIPAL CONSERVATION, HARRIS COUNTY UD 15	CONSERVATION - MUNICIPAL (DOES NOT INCLUDE METER REPLACEMENT OR WATER LOSS)	\$765,332
Harris County UD 15	NO	2040	WUG INFRASTRUCTURE EXPANSION - HARRIS COUNTY UD 15	CONVEYANCE/TRANSMISSION PIPELINE; STORAGE TANK; PUMP STATION	\$10,439,739
Harris County WCID 1	NO	2020	MUNICIPAL CONSERVATION, HARRIS COUNTY WCID 1	CONSERVATION - MUNICIPAL (DOES NOT INCLUDE METER REPLACEMENT OR WATER LOSS)	\$1,532,752
Harris County WCID 1	NO	2020	WATER LOSS REDUCTION, HARRIS COUNTY WCID 1	WATER LOSS CONTROL	\$1,161,412

Region H Recommended Projects Associated with Water Management Strategies

SPONSOR NAME	SPONSOR IS WWP?	ONLINE DECADE	PROJECT NAME	PROJECT DESCRIPTION	CAPITAL COST
Harris County WCID 133	NO	2020	MUNICIPAL CONSERVATION, HARRIS COUNTY WCID 133	CONSERVATION - MUNICIPAL (DOES NOT INCLUDE METER REPLACEMENT OR WATER LOSS)	\$995,379
Harris County WCID 133	NO	2040	WUG INFRASTRUCTURE EXPANSION - HARRIS COUNTY WCID 133	CONVEYANCE/TRANSMISSION PIPELINE; STORAGE TANK; PUMP STATION	\$10,475,383
Harris County WCID 156	NO	2020	MUNICIPAL CONSERVATION, HARRIS COUNTY WCID 156	CONSERVATION - MUNICIPAL (DOES NOT INCLUDE METER REPLACEMENT OR WATER LOSS)	\$293,775
Harris County WCID 50	NO	2020	MUNICIPAL CONSERVATION, HARRIS COUNTY WCID 50	CONSERVATION - MUNICIPAL (DOES NOT INCLUDE METER REPLACEMENT OR WATER LOSS)	\$918,862
Harris County WCID 70	NO	2020	MUNICIPAL CONSERVATION, HARRIS COUNTY WCID 70	CONSERVATION - MUNICIPAL (DOES NOT INCLUDE METER REPLACEMENT OR WATER LOSS)	\$460,540
Harris County WCID 70	NO	2020	WATER LOSS REDUCTION, HARRIS COUNTY WCID 70	WATER LOSS CONTROL	\$359,774
Harris County WCID 70	NO	2030	WUG INFRASTRUCTURE EXPANSION (GROUNDWATER) - HARRIS COUNTY WCID 70	CONVEYANCE/TRANSMISSION PIPELINE; NEW WATER TREATMENT PLANT; SINGLE WELL; STORAGE TANK	\$5,389,221
Harris County WCID 74	NO	2020	MUNICIPAL CONSERVATION, HARRIS COUNTY WCID 74	CONSERVATION - MUNICIPAL (DOES NOT INCLUDE METER REPLACEMENT OR WATER LOSS)	\$747,914
Harris County WCID 74	NO	2040	WUG INFRASTRUCTURE EXPANSION - HARRIS COUNTY WCID 74	CONVEYANCE/TRANSMISSION PIPELINE; STORAGE TANK; PUMP STATION	\$10,439,739
Harris County WCID 89	NO	2020	MUNICIPAL CONSERVATION, HARRIS COUNTY WCID 89	CONSERVATION - MUNICIPAL (DOES NOT INCLUDE METER REPLACEMENT OR WATER LOSS)	\$1,806,032
Harris County WCID 89	NO	2020	WATER LOSS REDUCTION, HARRIS COUNTY WCID 89	WATER LOSS CONTROL	\$644,648
Harris County WCID 96	NO	2020	MUNICIPAL CONSERVATION, HARRIS COUNTY WCID 96	CONSERVATION - MUNICIPAL (DOES NOT INCLUDE METER REPLACEMENT OR WATER LOSS)	\$1,474,603
Harris County WCID-Fondren Road	NO	2020	MUNICIPAL CONSERVATION, HARRIS COUNTY WCID-FONDREN ROAD	CONSERVATION - MUNICIPAL (DOES NOT INCLUDE METER REPLACEMENT OR WATER LOSS)	\$854,344
Harris County WCID-Fondren Road	NO	2020	WATER LOSS REDUCTION, HARRIS COUNTY WCID-FONDREN ROAD	WATER LOSS CONTROL	\$239,530
Harris-Montgomery Counties MUD 386	NO	2020	MUNICIPAL CONSERVATION, HARRIS-MONTGOMERY COUNTIES MUD 386	CONSERVATION - MUNICIPAL (DOES NOT INCLUDE METER REPLACEMENT OR WATER LOSS)	\$439,183
Hempstead	NO	2020	MUNICIPAL CONSERVATION, HEMPSTEAD	CONSERVATION - MUNICIPAL (DOES NOT INCLUDE METER REPLACEMENT OR WATER LOSS)	\$1,915,369
Hempstead	NO	2070	WUG INFRASTRUCTURE EXPANSION (GROUNDWATER) - HEMPSTEAD (B)	SINGLE WELL; CONVEYANCE/TRANSMISSION PIPELINE; NEW WATER TREATMENT PLANT; STORAGE TANK	\$5,639,722
Hillcrest Village	NO	2020	MUNICIPAL CONSERVATION, HILLCREST VILLAGE	CONSERVATION - MUNICIPAL (DOES NOT INCLUDE METER REPLACEMENT OR WATER LOSS)	\$174,463
Hillcrest Village	NO	2020	WATER LOSS REDUCTION, HILLCREST VILLAGE	WATER LOSS CONTROL	\$130,034
Hilltop Lakes WSC	NO	2020	MUNICIPAL CONSERVATION, HILLTOP LAKES WSC	CONSERVATION - MUNICIPAL (DOES NOT INCLUDE METER REPLACEMENT OR WATER LOSS)	\$500,706
Hilshire Village	NO	2020	MUNICIPAL CONSERVATION, HILSHIRE VILLAGE	CONSERVATION - MUNICIPAL (DOES NOT INCLUDE METER REPLACEMENT OR WATER LOSS)	\$270,831
Hitchcock	NO	2020	MUNICIPAL CONSERVATION, HITCHCOCK	CONSERVATION - MUNICIPAL (DOES NOT INCLUDE METER REPLACEMENT OR WATER LOSS)	\$2,113,980
Hitchcock	NO	2030	WUG INFRASTRUCTURE EXPANSION - HITCHCOCK	CONVEYANCE/TRANSMISSION PIPELINE; PUMP STATION; STORAGE TANK	\$10,289,100
HMW SUD	NO	2020	MUNICIPAL CONSERVATION, HMW SUD	CONSERVATION - MUNICIPAL (DOES NOT INCLUDE METER REPLACEMENT OR WATER LOSS)	\$4,907,597
HMW SUD	NO	2030	WUG INFRASTRUCTURE EXPANSION - HMW SUD	CONVEYANCE/TRANSMISSION PIPELINE; PUMP STATION; STORAGE TANK	\$10,439,739
HMW SUD	NO	2030	WUG INFRASTRUCTURE EXPANSION (GROUNDWATER) - HMW SUD, HARRIS COUNTY	CONVEYANCE/TRANSMISSION PIPELINE; NEW WATER TREATMENT PLANT; SINGLE WELL; STORAGE TANK	\$6,656,610
Houston	YES	2040	ALLENS CREEK RESERVOIR	CONVEYANCE/TRANSMISSION PIPELINE; PUMP STATION; RESERVOIR CONSTRUCTION	\$255,812,411
Houston	YES	2030	CITY OF HOUSTON AREA 2 GROUNDWATER INFRASTRUCTURE	MULTIPLE WELLS/WELL FIELD; NEW WATER TREATMENT PLANT; STORAGE TANK	\$122,751,076
Houston	YES	2030	CITY OF HOUSTON GRP TRANSMISSION	CONVEYANCE/TRANSMISSION PIPELINE	\$31,986,905
Houston	YES	2040	CITY OF HOUSTON REUSE INFRASTRUCTURE	CONVEYANCE/TRANSMISSION PIPELINE; PUMP STATION	\$555,093,731
Houston	YES	2040	CITY OF HOUSTON WEST WATER PURIFICATION PLANT - PHASE 1	NEW WATER TREATMENT PLANT; CONVEYANCE/TRANSMISSION PIPELINE	\$768,820,060

Region H Recommended Projects Associated with Water Management Strategies

SPONSOR NAME	SPONSOR IS WWP?	ONLINE DECADE	PROJECT NAME	PROJECT DESCRIPTION	CAPITAL COST
Houston	YES	2060	CITY OF HOUSTON WEST WATER PURIFICATION PLANT - PHASE 2	WATER TREATMENT PLANT EXPANSION	\$190,437,474
Houston	YES	2040	COH NORTHEAST WATER PURIFICATION PLANT EXPANSION - PHASE 3	WATER TREATMENT PLANT EXPANSION	\$435,882,718
Houston	YES	2030	COH NORTHEAST WATER PURIFICATION PLANT EXPANSION - PHASES 1 AND 2	WATER TREATMENT PLANT EXPANSION	\$278,964,939
Houston	YES	2030	COH, NHCWA, AND CHCWA SHARED TRANSMISSION	CONVEYANCE/TRANSMISSION PIPELINE	\$231,771,408
Houston	YES	2040	CWA TRANSMISSION EXPANSION	CONVEYANCE/TRANSMISSION PIPELINE	\$119,336,981
Houston	YES	2050	EAST TEXAS TRANSFER	CONVEYANCE/TRANSMISSION PIPELINE; PUMP STATION; NEW WATER RIGHT/PERMIT AMENDMENT NON-EXEMPT IBT	\$458,840,377
Houston	YES	2020	MUNICIPAL CONSERVATION, HOUSTON	CONSERVATION - MUNICIPAL (DOES NOT INCLUDE METER REPLACEMENT OR WATER LOSS)	\$616,098,371
Houston	YES	2030	SOUTHEAST TRANSMISSION LINE IMPROVEMENTS	CONVEYANCE/TRANSMISSION PIPELINE	\$17,466,666
Houston	YES	2020	WATER LOSS REDUCTION, HOUSTON	WATER LOSS CONTROL	\$650,324,980
Humble	NO	2020	MUNICIPAL CONSERVATION, HUMBLE	CONSERVATION - MUNICIPAL (DOES NOT INCLUDE METER REPLACEMENT OR WATER LOSS)	\$7,106,206
Huntsville	YES	2020	MUNICIPAL CONSERVATION, HUNTSVILLE	CONSERVATION - MUNICIPAL (DOES NOT INCLUDE METER REPLACEMENT OR WATER LOSS)	\$10,124,011
Huntsville	YES	2020	WATER LOSS REDUCTION, HUNTSVILLE	WATER LOSS CONTROL	\$5,562,578
Irrigation, Austin	NO	2020	IRRIGATION CONSERVATION, AUSTIN COUNTY	CANAL LINING; CONSERVATION - AGRICULTURAL	\$43,758
Irrigation, Brazoria	NO	2020	IRRIGATION CONSERVATION, BRAZORIA COUNTY	CANAL LINING; CONSERVATION - AGRICULTURAL	\$358,717
Irrigation, Chambers	NO	2020	IRRIGATION CONSERVATION, CHAMBERS COUNTY	CANAL LINING; CONSERVATION - AGRICULTURAL	\$457,755
Irrigation, Fort Bend	NO	2020	IRRIGATION CONSERVATION, FORT BEND COUNTY	CANAL LINING; CONSERVATION - AGRICULTURAL	\$92,166
Irrigation, Fort Bend	NO	2030	WUG INFRASTRUCTURE EXPANSION (GROUNDWATER) - IRRIGATION, FORT BEND (RICHMOND GRP PARTICIPANTS)	MULTIPLE WELLS/WELL FIELD	\$368,069
Irrigation, Galveston	NO	2020	IRRIGATION CONSERVATION, GALVESTON COUNTY	CANAL LINING; CONSERVATION - AGRICULTURAL	\$30,154
Irrigation, Harris	NO	2020	IRRIGATION CONSERVATION, HARRIS COUNTY	CANAL LINING; CONSERVATION - AGRICULTURAL	\$570
Irrigation, Liberty	NO	2020	IRRIGATION CONSERVATION, LIBERTY COUNTY	CANAL LINING; CONSERVATION - AGRICULTURAL	\$352,849
Irrigation, Liberty	NO	2020	WUG INFRASTRUCTURE EXPANSION (GROUNDWATER) - IRRIGATION, LIBERTY COUNTY (N)	MULTIPLE WELLS/WELL FIELD	\$5,719,027
Irrigation, Liberty	NO	2020	WUG INFRASTRUCTURE EXPANSION (GROUNDWATER) - IRRIGATION, LIBERTY COUNTY (SJ)	MULTIPLE WELLS/WELL FIELD	\$1,019,057
Irrigation, Waller	NO	2020	IRRIGATION CONSERVATION, WALLER COUNTY	CANAL LINING; CONSERVATION - AGRICULTURAL	\$153,186
Jacinto City	YES	2020	MUNICIPAL CONSERVATION, JACINTO CITY	CONSERVATION - MUNICIPAL (DOES NOT INCLUDE METER REPLACEMENT OR WATER LOSS)	\$387,170
Jacinto City	YES	2020	WATER LOSS REDUCTION, JACINTO CITY	WATER LOSS CONTROL	\$615,350
Jamaica Beach	NO	2020	MUNICIPAL CONSERVATION, JAMAICA BEACH	CONSERVATION - MUNICIPAL (DOES NOT INCLUDE METER REPLACEMENT OR WATER LOSS)	\$317,328
Jersey Village	NO	2020	MUNICIPAL CONSERVATION, JERSEY VILLAGE	CONSERVATION - MUNICIPAL (DOES NOT INCLUDE METER REPLACEMENT OR WATER LOSS)	\$2,508,448
Jersey Village	NO	2020	WATER LOSS REDUCTION, JERSEY VILLAGE	WATER LOSS CONTROL	\$1,427,144
Jewett	NO	2020	MUNICIPAL CONSERVATION, JEWETT	CONSERVATION - MUNICIPAL (DOES NOT INCLUDE METER REPLACEMENT OR WATER LOSS)	\$505,991
Johnston Water Utility	NO	2020	MUNICIPAL CONSERVATION, JOHNSTON WATER UTILITY	CONSERVATION - MUNICIPAL (DOES NOT INCLUDE METER REPLACEMENT OR WATER LOSS)	\$909,187
Johnston Water Utility	NO	2030	WUG INFRASTRUCTURE EXPANSION (GROUNDWATER) - JOHNSTON WATER UTILITY - PHASE 1	CONVEYANCE/TRANSMISSION PIPELINE; NEW WATER TREATMENT PLANT; SINGLE WELL; STORAGE TANK	\$8,357,842
Johnston Water Utility	NO	2060	WUG INFRASTRUCTURE EXPANSION (GROUNDWATER) - JOHNSTON WATER UTILITY - PHASE 2	CONVEYANCE/TRANSMISSION PIPELINE; NEW WATER TREATMENT PLANT; SINGLE WELL; STORAGE TANK	\$8,357,842
Katy	NO	2020	MUNICIPAL CONSERVATION, KATY	CONSERVATION - MUNICIPAL (DOES NOT INCLUDE METER REPLACEMENT OR WATER LOSS)	\$9,786,615
Katy	NO	2030	WUG INFRASTRUCTURE EXPANSION (GROUNDWATER) - KATY	CONVEYANCE/TRANSMISSION PIPELINE; NEW WATER TREATMENT PLANT; SINGLE WELL; STORAGE TANK	\$24,927,006
Kendleton	NO	2020	MUNICIPAL CONSERVATION, KENDLETON	CONSERVATION - MUNICIPAL (DOES NOT INCLUDE METER REPLACEMENT OR WATER LOSS)	\$308,272

Region H Recommended Projects Associated with Water Management Strategies

SPONSOR NAME	SPONSOR IS WWP?	ONLINE DECADE	PROJECT NAME	PROJECT DESCRIPTION	CAPITAL COST
Kendleton	NO	2020	WATER LOSS REDUCTION, KENDLETON	WATER LOSS CONTROL	\$830,346
Kings Manor MUD	NO	2020	MUNICIPAL CONSERVATION, KINGS MANOR MUD	CONSERVATION - MUNICIPAL (DOES NOT INCLUDE METER REPLACEMENT OR WATER LOSS)	\$781,873
Kirkmont MUD	NO	2020	MUNICIPAL CONSERVATION, KIRKMONT MUD	CONSERVATION - MUNICIPAL (DOES NOT INCLUDE METER REPLACEMENT OR WATER LOSS)	\$622,350
La Marque	NO	2020	MUNICIPAL CONSERVATION, LA MARQUE	CONSERVATION - MUNICIPAL (DOES NOT INCLUDE METER REPLACEMENT OR WATER LOSS)	\$5,040,112
La Marque	NO	2020	WATER LOSS REDUCTION, LA MARQUE	WATER LOSS CONTROL	\$11,988,988
La Marque	NO	2030	WUG INFRASTRUCTURE EXPANSION - LA MARQUE	CONVEYANCE/TRANSMISSION PIPELINE; PUMP STATION; STORAGE TANK	\$10,162,348
La Porte	YES	2020	MUNICIPAL CONSERVATION, LA PORTE	CONSERVATION - MUNICIPAL (DOES NOT INCLUDE METER REPLACEMENT OR WATER LOSS)	\$11,421,772
La Porte	YES	2020	WATER LOSS REDUCTION, LA PORTE	WATER LOSS CONTROL	\$2,115,106
Lake Bonanza WSC	NO	2020	MUNICIPAL CONSERVATION, LAKE BONANZA WSC	CONSERVATION - MUNICIPAL (DOES NOT INCLUDE METER REPLACEMENT OR WATER LOSS)	\$869,771
Lake Bonanza WSC	NO	2030	WUG INFRASTRUCTURE EXPANSION - LAKE BONANZA WSC	CONVEYANCE/TRANSMISSION PIPELINE; PUMP STATION; STORAGE TANK	\$10,475,383
Lake Conroe Hills MUD	NO	2020	MUNICIPAL CONSERVATION, LAKE CONROE HILLS MUD	CONSERVATION - MUNICIPAL (DOES NOT INCLUDE METER REPLACEMENT OR WATER LOSS)	\$761,566
Lake Conroe Hills MUD	NO	2020	WATER LOSS REDUCTION, LAKE CONROE HILLS MUD	WATER LOSS CONTROL	\$443,734
Lake Conroe Hills MUD	NO	2030	WUG INFRASTRUCTURE EXPANSION (GROUNDWATER) - LAKE CONROE HILLS MUD	CONVEYANCE/TRANSMISSION PIPELINE; NEW WATER TREATMENT PLANT; SINGLE WELL; STORAGE TANK	\$7,136,749
Lake Jackson	YES	2020	MUNICIPAL CONSERVATION, LAKE JACKSON	CONSERVATION - MUNICIPAL (DOES NOT INCLUDE METER REPLACEMENT OR WATER LOSS)	\$9,206,747
Lake Jackson	YES	2030	WUG INFRASTRUCTURE EXPANSION - LAKE JACKSON	CONVEYANCE/TRANSMISSION PIPELINE; PUMP STATION; STORAGE TANK	\$10,475,383
Lake Livingston WSC	NO	2020	MUNICIPAL CONSERVATION, LAKE LIVINGSTON WSC	CONSERVATION - MUNICIPAL (DOES NOT INCLUDE METER REPLACEMENT OR WATER LOSS)	\$123,980
Lake Livingston WSC	NO	2020	WATER LOSS REDUCTION, LAKE LIVINGSTON WSC	WATER LOSS CONTROL	\$3,555,784
Lake MUD	NO	2020	MUNICIPAL CONSERVATION, LAKE MUD	CONSERVATION - MUNICIPAL (DOES NOT INCLUDE METER REPLACEMENT OR WATER LOSS)	\$1,338,515
Lake MUD	NO	2020	WATER LOSS REDUCTION, LAKE MUD	WATER LOSS CONTROL	\$153,638
Lazy River Improvement District	NO	2020	MUNICIPAL CONSERVATION, LAZY RIVER IMPROVEMENT DISTRICT	CONSERVATION - MUNICIPAL (DOES NOT INCLUDE METER REPLACEMENT OR WATER LOSS)	\$224,097
Lazy River Improvement District	NO	2030	WUG INFRASTRUCTURE EXPANSION (GROUNDWATER) - LAZY RIVER IMPROVEMENT DISTRICT	CONVEYANCE/TRANSMISSION PIPELINE; NEW WATER TREATMENT PLANT; SINGLE WELL; STORAGE TANK	\$5,514,472
League City	NO	2020	MUNICIPAL CONSERVATION, LEAGUE CITY	CONSERVATION - MUNICIPAL (DOES NOT INCLUDE METER REPLACEMENT OR WATER LOSS)	\$33,336,181
League City	NO	2020	WATER LOSS REDUCTION, LEAGUE CITY	WATER LOSS CONTROL	\$11,996,792
League City	NO	2030	WUG INFRASTRUCTURE EXPANSION - LEAGUE CITY	CONVEYANCE/TRANSMISSION PIPELINE; PUMP STATION; STORAGE TANK	\$10,475,383
Leggett WSC	NO	2020	MUNICIPAL CONSERVATION, LEGGETT WSC	CONSERVATION - MUNICIPAL (DOES NOT INCLUDE METER REPLACEMENT OR WATER LOSS)	\$432,296
Leggett WSC	NO	2020	WATER LOSS REDUCTION, LEGGETT WSC	WATER LOSS CONTROL	\$1,149,658
Liberty	NO	2020	MUNICIPAL CONSERVATION, LIBERTY	CONSERVATION - MUNICIPAL (DOES NOT INCLUDE METER REPLACEMENT OR WATER LOSS)	\$2,562,430
Liberty	NO	2020	WATER LOSS REDUCTION, LIBERTY	WATER LOSS CONTROL	\$3,277,750
Liberty County FWSD 1 Hull	NO	2020	MUNICIPAL CONSERVATION, LIBERTY COUNTY FWSD 1 HULL	CONSERVATION - MUNICIPAL (DOES NOT INCLUDE METER REPLACEMENT OR WATER LOSS)	\$286,690
Livestock, Liberty	NO	2020	WUG INFRASTRUCTURE EXPANSION (GROUNDWATER) - LIVESTOCK, LIBERTY COUNTY (N)	MULTIPLE WELLS/WELL FIELD	\$368,069
Livestock, Liberty	NO	2020	WUG INFRASTRUCTURE EXPANSION (GROUNDWATER) - LIVESTOCK, LIBERTY COUNTY (NT)	MULTIPLE WELLS/WELL FIELD	\$368,069
Livestock, Liberty	NO	2020	WUG INFRASTRUCTURE EXPANSION (GROUNDWATER) - LIVESTOCK, LIBERTY COUNTY (SJ)	MULTIPLE WELLS/WELL FIELD	\$368,069
Livestock, Liberty	NO	2020	WUG INFRASTRUCTURE EXPANSION (GROUNDWATER) - LIVESTOCK, LIBERTY COUNTY (T)	MULTIPLE WELLS/WELL FIELD	\$623,739
Livestock, Liberty	NO	2020	WUG INFRASTRUCTURE EXPANSION (GROUNDWATER) - LIVESTOCK, LIBERTY COUNTY (TSJ)	MULTIPLE WELLS/WELL FIELD	\$368,069

Region H Recommended Projects Associated with Water Management Strategies

SPONSOR NAME	SPONSOR IS WWP?	ONLINE DECADE	PROJECT NAME	PROJECT DESCRIPTION	CAPITAL COST
Livingston	NO	2020	MUNICIPAL CONSERVATION, LIVINGSTON	CONSERVATION - MUNICIPAL (DOES NOT INCLUDE METER REPLACEMENT OR WATER LOSS)	\$2,240,443
Livingston	NO	2020	WATER LOSS REDUCTION, LIVINGSTON	WATER LOSS CONTROL	\$5,674,944
Longhorn Town UD	NO	2020	MUNICIPAL CONSERVATION, LONGHORN TOWN UD	CONSERVATION - MUNICIPAL (DOES NOT INCLUDE METER REPLACEMENT OR WATER LOSS)	\$328,108
Longhorn Town UD	NO	2020	WATER LOSS REDUCTION, LONGHORN TOWN UD	WATER LOSS CONTROL	\$30,798
Longhorn Town UD	NO	2030	WUG INFRASTRUCTURE EXPANSION (GROUNDWATER) - LONGHORN TOWN UD	CONVEYANCE/TRANSMISSION PIPELINE; NEW WATER TREATMENT PLANT; SINGLE WELL; STORAGE TANK	\$5,750,071
Lower Neches Valley Authority	YES	2050	EAST TEXAS TRANSFER	CONVEYANCE/TRANSMISSION PIPELINE; PUMP STATION; NEW WATER RIGHT/PERMIT AMENDMENT NON-EXEMPT IBT	\$0
Lower Neches Valley Authority	YES	2030	LNVA DEVERS PUMP STATION RELOCATION	PUMP STATION	\$17,570,019
Lower Neches Valley Authority	YES	2040	LNVA NECHES-TRINITY BASIN INTERCONNECT	CONVEYANCE/TRANSMISSION PIPELINE; PUMP STATION; NEW WATER RIGHT/PERMIT AMENDMENT NON-EXEMPT IBT	\$103,316,000
Luce Bayou PUD	NO	2020	MUNICIPAL CONSERVATION, LUCE BAYOU PUD	CONSERVATION - MUNICIPAL (DOES NOT INCLUDE METER REPLACEMENT OR WATER LOSS)	\$182,005
Luce Bayou PUD	NO	2020	WATER LOSS REDUCTION, LUCE BAYOU PUD	WATER LOSS CONTROL	\$191,766
Luce Bayou PUD	NO	2030	WUG INFRASTRUCTURE EXPANSION (GROUNDWATER) - LUCE BAYOU PUD	CONVEYANCE/TRANSMISSION PIPELINE; NEW WATER TREATMENT PLANT; SINGLE WELL; STORAGE TANK	\$5,389,221
Madison County WSC	NO	2020	MUNICIPAL CONSERVATION, MADISON COUNTY WSC	CONSERVATION - MUNICIPAL (DOES NOT INCLUDE METER REPLACEMENT OR WATER LOSS)	\$332,849
Madison County WSC	NO	2020	WATER LOSS REDUCTION, MADISON COUNTY WSC	WATER LOSS CONTROL	\$37,206
Madisonville	NO	2020	MUNICIPAL CONSERVATION, MADISONVILLE	CONSERVATION - MUNICIPAL (DOES NOT INCLUDE METER REPLACEMENT OR WATER LOSS)	\$1,392,349
Madisonville	NO	2020	WATER LOSS REDUCTION, MADISONVILLE	WATER LOSS CONTROL	\$1,380,364
Magnolia	NO	2020	MUNICIPAL CONSERVATION, MAGNOLIA	CONSERVATION - MUNICIPAL (DOES NOT INCLUDE METER REPLACEMENT OR WATER LOSS)	\$2,218,685
Magnolia	NO	2030	WUG INFRASTRUCTURE EXPANSION - MAGNOLIA	CONVEYANCE/TRANSMISSION PIPELINE; PUMP STATION; STORAGE TANK	\$10,439,739
Magnolia	NO	2040	WUG INFRASTRUCTURE EXPANSION (GROUNDWATER) - MAGNOLIA - PHASE 1	CONVEYANCE/TRANSMISSION PIPELINE; NEW WATER TREATMENT PLANT; SINGLE WELL; STORAGE TANK	\$8,959,413
Magnolia	NO	2070	WUG INFRASTRUCTURE EXPANSION (GROUNDWATER) - MAGNOLIA - PHASE 2	CONVEYANCE/TRANSMISSION PIPELINE; NEW WATER TREATMENT PLANT; SINGLE WELL; STORAGE TANK	\$7,840,663
Manufacturing, Brazoria	NO	2020	WUG INFRASTRUCTURE EXPANSION - MANUFACTURING, BRAZORIA COUNTY (BC)	CONVEYANCE/TRANSMISSION PIPELINE; NEW WATER TREATMENT PLANT; PUMP STATION	\$274,414,032
Manufacturing, Brazoria	NO	2030	WUG INFRASTRUCTURE EXPANSION - MANUFACTURING, BRAZORIA COUNTY (SJB)	CONVEYANCE/TRANSMISSION PIPELINE; NEW WATER TREATMENT PLANT; PUMP STATION	\$11,005,558
Manufacturing, Chambers	NO	2020	WUG INFRASTRUCTURE EXPANSION (GROUNDWATER) - MANUFACTURING, CHAMBERS COUNTY (T)	MULTIPLE WELLS/WELL FIELD; CONVEYANCE/TRANSMISSION PIPELINE; NEW WATER TREATMENT PLANT; STORAGE TANK	\$10,797,073
Manufacturing, Fort Bend	NO	2020	WUG INFRASTRUCTURE EXPANSION - MANUFACTURING, FORT BEND COUNTY (B)	CONVEYANCE/TRANSMISSION PIPELINE; NEW WATER TREATMENT PLANT; PUMP STATION	\$22,350,770
Manufacturing, Fort Bend	NO	2020	WUG INFRASTRUCTURE EXPANSION - MANUFACTURING, FORT BEND COUNTY (SJ)	CONVEYANCE/TRANSMISSION PIPELINE; NEW WATER TREATMENT PLANT; PUMP STATION	\$13,645,034
Manufacturing, Galveston	NO	2020	WUG INFRASTRUCTURE EXPANSION - MANUFACTURING, GALVESTON COUNTY	CONVEYANCE/TRANSMISSION PIPELINE; NEW WATER TREATMENT PLANT; PUMP STATION	\$193,683,755
Manufacturing, Leon	NO	2030	WUG INFRASTRUCTURE EXPANSION (GROUNDWATER) - MANUFACTURING, LEON COUNTY (T)	CONVEYANCE/TRANSMISSION PIPELINE; MULTIPLE WELLS/WELL FIELD; NEW WATER TREATMENT PLANT; STORAGE TANK	\$2,438,190
Manufacturing, Montgomery	NO	2020	WUG INFRASTRUCTURE EXPANSION - MANUFACTURING, MONTGOMERY COUNTY	CONVEYANCE/TRANSMISSION PIPELINE; NEW WATER TREATMENT PLANT; PUMP STATION	\$14,932,881
Manvel	YES	2020	MANVEL SUPPLY EXPANSION - GROUNDWATER DEVELOPMENT	MULTIPLE WELLS/WELL FIELD	\$1,559,906
Manvel	YES	2030	MANVEL SUPPLY EXPANSION - MUSTANG BAYOU RIGHT AND STORAGE	NEW WATER RIGHT/PERMIT NO IBT; PUMP STATION; RESERVOIR CONSTRUCTION	\$5,785,521

Region H Recommended Projects Associated with Water Management Strategies

SPONSOR NAME	SPONSOR IS WWP?	ONLINE DECADE	PROJECT NAME	PROJECT DESCRIPTION	CAPITAL COST
Manvel	YES	2030	MANVEL SUPPLY EXPANSION - TREATMENT AND TRANSMISSION EXPANSION	CONVEYANCE/TRANSMISSION PIPELINE; NEW WATER TREATMENT PLANT; PUMP STATION; STORAGE TANK	\$261,707,181
Manvel	YES	2020	MUNICIPAL CONSERVATION, MANVEL	CONSERVATION - MUNICIPAL (DOES NOT INCLUDE METER REPLACEMENT OR WATER LOSS)	\$802,914
Manvel	YES	2020	WATER LOSS REDUCTION, MANVEL	WATER LOSS CONTROL	\$567,794
Mason Creek UD	NO	2020	MUNICIPAL CONSERVATION, MASON CREEK UD	CONSERVATION - MUNICIPAL (DOES NOT INCLUDE METER REPLACEMENT OR WATER LOSS)	\$1,540,569
Mason Creek UD	NO	2030	WUG INFRASTRUCTURE EXPANSION (GROUNDWATER) - MASON CREEK UD	CONVEYANCE/TRANSMISSION PIPELINE; NEW WATER TREATMENT PLANT; SINGLE WELL; STORAGE TANK	\$7,840,663
Meadowcreek MUD	NO	2020	MUNICIPAL CONSERVATION, MEADOWCREEK MUD	CONSERVATION - MUNICIPAL (DOES NOT INCLUDE METER REPLACEMENT OR WATER LOSS)	\$696,029
Meadowcreek MUD	NO	2030	WUG INFRASTRUCTURE EXPANSION - MEADOWCREEK MUD	CONVEYANCE/TRANSMISSION PIPELINE; PUMP STATION; STORAGE TANK	\$9,983,912
Meadowcreek MUD	NO	2030	WUG INFRASTRUCTURE EXPANSION (GROUNDWATER) - MEADOWCREEK MUD	CONVEYANCE/TRANSMISSION PIPELINE; NEW WATER TREATMENT PLANT; SINGLE WELL; STORAGE TANK	\$5,750,071
Meadows Place	NO	2020	MUNICIPAL CONSERVATION, MEADOWS PLACE	CONSERVATION - MUNICIPAL (DOES NOT INCLUDE METER REPLACEMENT OR WATER LOSS)	\$1,100,139
Meadows Place	NO	2030	WUG INFRASTRUCTURE EXPANSION (GROUNDWATER) - MEADOWS PLACE	CONVEYANCE/TRANSMISSION PIPELINE; NEW WATER TREATMENT PLANT; SINGLE WELL; STORAGE TANK	\$5,989,492
Memorial Point UD	NO	2020	MUNICIPAL CONSERVATION, MEMORIAL POINT UD	CONSERVATION - MUNICIPAL (DOES NOT INCLUDE METER REPLACEMENT OR WATER LOSS)	\$283,930
Memorial Point UD	NO	2020	WATER LOSS REDUCTION, MEMORIAL POINT UD	WATER LOSS CONTROL	\$590,716
Memorial Villages Water Authority	NO	2020	MUNICIPAL CONSERVATION, MEMORIAL VILLAGES WATER AUTHORITY	CONSERVATION - MUNICIPAL (DOES NOT INCLUDE METER REPLACEMENT OR WATER LOSS)	\$2,837,112
Memorial Villages Water Authority	NO	2020	WUG INFRASTRUCTURE EXPANSION - MEMORIAL VILLAGES WATER AUTHORITY - PHASE 1	CONVEYANCE/TRANSMISSION PIPELINE; PUMP STATION; STORAGE TANK	\$11,697,788
Memorial Villages Water Authority	NO	2050	WUG INFRASTRUCTURE EXPANSION - MEMORIAL VILLAGES WATER AUTHORITY - PHASE 2	CONVEYANCE/TRANSMISSION PIPELINE; PUMP STATION; STORAGE TANK	\$11,181,277
Mercy WSC	NO	2020	MUNICIPAL CONSERVATION, MERCY WSC	CONSERVATION - MUNICIPAL (DOES NOT INCLUDE METER REPLACEMENT OR WATER LOSS)	\$597,261
Mercy WSC	NO	2020	WATER LOSS REDUCTION, MERCY WSC	WATER LOSS CONTROL	\$460,284
Mining, Austin	NO	2030	WUG INFRASTRUCTURE EXPANSION (GROUNDWATER) - MINING, AUSTIN COUNTY (B)	CONVEYANCE/TRANSMISSION PIPELINE; MULTIPLE WELLS/WELL FIELD; NEW WATER TREATMENT PLANT; STORAGE TANK	\$2,438,190
Mining, Austin	NO	2030	WUG INFRASTRUCTURE EXPANSION (GROUNDWATER) - MINING, AUSTIN COUNTY (BC)	CONVEYANCE/TRANSMISSION PIPELINE; MULTIPLE WELLS/WELL FIELD; NEW WATER TREATMENT PLANT; STORAGE TANK	\$2,244,907
Mining, Austin	NO	2030	WUG INFRASTRUCTURE EXPANSION (GROUNDWATER) - MINING, AUSTIN COUNTY (C)	CONVEYANCE/TRANSMISSION PIPELINE; MULTIPLE WELLS/WELL FIELD; NEW WATER TREATMENT PLANT; STORAGE TANK	\$2,244,907
Mining, Brazoria	NO	2030	WUG INFRASTRUCTURE EXPANSION - MINING, BRAZORIA COUNTY (B)	CONVEYANCE/TRANSMISSION PIPELINE; NEW WATER TREATMENT PLANT; PUMP STATION	\$10,088,460
Mining, Brazoria	NO	2030	WUG INFRASTRUCTURE EXPANSION - MINING, BRAZORIA COUNTY (BC)	CONVEYANCE/TRANSMISSION PIPELINE; NEW WATER TREATMENT PLANT; PUMP STATION	\$11,762,914
Mining, Brazoria	NO	2030	WUG INFRASTRUCTURE EXPANSION - MINING, BRAZORIA COUNTY (SJB)	CONVEYANCE/TRANSMISSION PIPELINE; NEW WATER TREATMENT PLANT; PUMP STATION	\$20,032,621
Mining, Galveston	NO	2020	WUG INFRASTRUCTURE EXPANSION - MINING, GALVESTON COUNTY (NT)	PUMP STATION; CONVEYANCE/TRANSMISSION PIPELINE; NEW WATER TREATMENT PLANT	\$9,655,935
Mining, Galveston	NO	2020	WUG INFRASTRUCTURE EXPANSION - MINING, GALVESTON COUNTY (SJB)	CONVEYANCE/TRANSMISSION PIPELINE; NEW WATER TREATMENT PLANT; PUMP STATION	\$12,827,308
Mining, Harris	NO	2020	WUG INFRASTRUCTURE EXPANSION - MINING, HARRIS COUNTY (SJ)	CONVEYANCE/TRANSMISSION PIPELINE; PUMP STATION; STORAGE TANK	\$11,697,788
Mining, Harris	NO	2020	WUG INFRASTRUCTURE EXPANSION - MINING, HARRIS COUNTY (SJB)	CONVEYANCE/TRANSMISSION PIPELINE; PUMP STATION; STORAGE TANK	\$10,088,460
Mining, Harris	NO	2020	WUG INFRASTRUCTURE EXPANSION - MINING, HARRIS COUNTY (TSJ)	CONVEYANCE/TRANSMISSION PIPELINE; PUMP STATION; STORAGE TANK	\$10,088,460
Mining, Leon	NO	2030	WUG INFRASTRUCTURE EXPANSION (GROUNDWATER) - MINING, LEON COUNTY (B)	CONVEYANCE/TRANSMISSION PIPELINE; MULTIPLE WELLS/WELL FIELD; NEW WATER TREATMENT PLANT; STORAGE TANK	\$2,244,907

Region H Recommended Projects Associated with Water Management Strategies

SPONSOR NAME	SPONSOR IS WWP?	ONLINE DECADE	PROJECT NAME	PROJECT DESCRIPTION	CAPITAL COST
Mining, Leon	NO	2030	WUG INFRASTRUCTURE EXPANSION (GROUNDWATER) - MINING, LEON COUNTY (T)	CONVEYANCE/TRANSMISSION PIPELINE; MULTIPLE WELLS/WELL FIELD; NEW WATER TREATMENT PLANT; STORAGE TANK	\$2,244,907
Mining, Liberty	NO	2030	WUG INFRASTRUCTURE EXPANSION (GROUNDWATER) - MINING, LIBERTY COUNTY (N)	CONVEYANCE/TRANSMISSION PIPELINE; MULTIPLE WELLS/WELL FIELD; NEW WATER TREATMENT PLANT; STORAGE TANK	\$2,244,907
Mining, Liberty	NO	2030	WUG INFRASTRUCTURE EXPANSION (GROUNDWATER) - MINING, LIBERTY COUNTY (NT)	CONVEYANCE/TRANSMISSION PIPELINE; MULTIPLE WELLS/WELL FIELD; NEW WATER TREATMENT PLANT; STORAGE TANK	\$2,244,907
Mining, Liberty	NO	2030	WUG INFRASTRUCTURE EXPANSION (GROUNDWATER) - MINING, LIBERTY COUNTY (SJ)	CONVEYANCE/TRANSMISSION PIPELINE; MULTIPLE WELLS/WELL FIELD; NEW WATER TREATMENT PLANT; STORAGE TANK	\$2,244,907
Mining, Liberty	NO	2030	WUG INFRASTRUCTURE EXPANSION (GROUNDWATER) - MINING, LIBERTY COUNTY (T)	CONVEYANCE/TRANSMISSION PIPELINE; MULTIPLE WELLS/WELL FIELD; NEW WATER TREATMENT PLANT; STORAGE TANK	\$2,244,907
Mining, Liberty	NO	2030	WUG INFRASTRUCTURE EXPANSION (GROUNDWATER) - MINING, LIBERTY COUNTY (TSJ)	CONVEYANCE/TRANSMISSION PIPELINE; MULTIPLE WELLS/WELL FIELD; NEW WATER TREATMENT PLANT; STORAGE TANK	\$2,244,907
Mining, Madison	NO	2030	WUG INFRASTRUCTURE EXPANSION (GROUNDWATER) - MINING, MADISON COUNTY (B)	CONVEYANCE/TRANSMISSION PIPELINE; MULTIPLE WELLS/WELL FIELD; NEW WATER TREATMENT PLANT; STORAGE TANK	\$2,244,907
Mining, Madison	NO	2030	WUG INFRASTRUCTURE EXPANSION (GROUNDWATER) - MINING, MADISON COUNTY (T)	CONVEYANCE/TRANSMISSION PIPELINE; MULTIPLE WELLS/WELL FIELD; NEW WATER TREATMENT PLANT; STORAGE TANK	\$3,110,612
Missouri City	YES	2030	MISSOURI CITY GRP INFRASTRUCTURE	CONVEYANCE/TRANSMISSION PIPELINE; NEW WATER TREATMENT PLANT; PUMP STATION	\$87,837,323
Missouri City	YES	2020	MUNICIPAL CONSERVATION, MISSOURI CITY	CONSERVATION - MUNICIPAL (DOES NOT INCLUDE METER REPLACEMENT OR WATER LOSS)	\$979,307
Missouri City	YES	2020	WATER LOSS REDUCTION, MISSOURI CITY	WATER LOSS CONTROL	\$142,046
Mont Belvieu	NO	2020	MUNICIPAL CONSERVATION, MONT BELVIEU	CONSERVATION - MUNICIPAL (DOES NOT INCLUDE METER REPLACEMENT OR WATER LOSS)	\$2,755,384
Mont Belvieu	NO	2040	WUG INFRASTRUCTURE EXPANSION (GROUNDWATER) - MONT BELVIEU - PHASE 1	SINGLE WELL; CONVEYANCE/TRANSMISSION PIPELINE; NEW WATER TREATMENT PLANT; STORAGE TANK	\$9,774,370
Mont Belvieu	NO	2060	WUG INFRASTRUCTURE EXPANSION (GROUNDWATER) - MONT BELVIEU - PHASE 2	CONVEYANCE/TRANSMISSION PIPELINE; NEW WATER TREATMENT PLANT; SINGLE WELL; STORAGE TANK	\$12,463,503
Montgomery	NO	2020	MUNICIPAL CONSERVATION, MONTGOMERY	CONSERVATION - MUNICIPAL (DOES NOT INCLUDE METER REPLACEMENT OR WATER LOSS)	\$1,149,207
Montgomery	NO	2020	WATER LOSS REDUCTION, MONTGOMERY	WATER LOSS CONTROL	\$594,520
Montgomery	NO	2040	WUG INFRASTRUCTURE EXPANSION - MONTGOMERY	CONVEYANCE/TRANSMISSION PIPELINE; PUMP STATION; STORAGE TANK	\$20,205,629
Montgomery	NO	2030	WUG INFRASTRUCTURE EXPANSION (GROUNDWATER) - MONTGOMERY	CONVEYANCE/TRANSMISSION PIPELINE; NEW WATER TREATMENT PLANT; SINGLE WELL; STORAGE TANK	\$6,475,822
Montgomery County MUD 112	NO	2020	MUNICIPAL CONSERVATION, MONTGOMERY COUNTY MUD 112	CONSERVATION - MUNICIPAL (DOES NOT INCLUDE METER REPLACEMENT OR WATER LOSS)	\$310,974
Montgomery County MUD 112	NO	2030	WUG INFRASTRUCTURE EXPANSION - MONTGOMERY COUNTY MUD 112	CONVEYANCE/TRANSMISSION PIPELINE; PUMP STATION; STORAGE TANK	\$10,289,100
Montgomery County MUD 115	NO	2020	MUNICIPAL CONSERVATION, MONTGOMERY COUNTY MUD 115	CONSERVATION - MUNICIPAL (DOES NOT INCLUDE METER REPLACEMENT OR WATER LOSS)	\$367,564
Montgomery County MUD 115	NO	2030	WUG INFRASTRUCTURE EXPANSION - MONTGOMERY COUNTY MUD 115	CONVEYANCE/TRANSMISSION PIPELINE; PUMP STATION; STORAGE TANK	\$10,289,100
Montgomery County MUD 119	NO	2020	MUNICIPAL CONSERVATION, MONTGOMERY COUNTY MUD 119	CONSERVATION - MUNICIPAL (DOES NOT INCLUDE METER REPLACEMENT OR WATER LOSS)	\$1,257,993
Montgomery County MUD 119	NO	2030	WUG INFRASTRUCTURE EXPANSION - MONTGOMERY COUNTY MUD 119	CONVEYANCE/TRANSMISSION PIPELINE; PUMP STATION; STORAGE TANK	\$10,760,392
Montgomery County MUD 15	YES	2020	MUNICIPAL CONSERVATION, MONTGOMERY COUNTY MUD 15	CONSERVATION - MUNICIPAL (DOES NOT INCLUDE METER REPLACEMENT OR WATER LOSS)	\$1,566,179
Montgomery County MUD 15	YES	2030	WUG INFRASTRUCTURE EXPANSION - MONTGOMERY COUNTY MUD 15	CONVEYANCE/TRANSMISSION PIPELINE; PUMP STATION; STORAGE TANK	\$9,983,912
Montgomery County MUD 15	YES	2050	WUG INFRASTRUCTURE EXPANSION (GROUNDWATER) - MONTGOMERY COUNTY MUD 15	CONVEYANCE/TRANSMISSION PIPELINE; NEW WATER TREATMENT PLANT; SINGLE WELL; STORAGE TANK	\$7,136,749

Region H Recommended Projects Associated with Water Management Strategies

SPONSOR NAME	SPONSOR IS WWP?	ONLINE DECADE	PROJECT NAME	PROJECT DESCRIPTION	CAPITAL COST
Montgomery County MUD 18	NO	2020	MUNICIPAL CONSERVATION, MONTGOMERY COUNTY MUD 18	CONSERVATION - MUNICIPAL (DOES NOT INCLUDE METER REPLACEMENT OR WATER LOSS)	\$2,211,274
Montgomery County MUD 18	NO	2050	WUG INFRASTRUCTURE EXPANSION - MONTGOMERY COUNTY MUD 18	CONVEYANCE/TRANSMISSION PIPELINE; PUMP STATION; STORAGE TANK	\$20,205,629
Montgomery County MUD 19	NO	2020	MUNICIPAL CONSERVATION, MONTGOMERY COUNTY MUD 19	CONSERVATION - MUNICIPAL (DOES NOT INCLUDE METER REPLACEMENT OR WATER LOSS)	\$364,612
Montgomery County MUD 19	NO	2030	WUG INFRASTRUCTURE EXPANSION - MONTGOMERY COUNTY MUD 19	CONVEYANCE/TRANSMISSION PIPELINE; PUMP STATION; STORAGE TANK	\$10,289,100
Montgomery County MUD 56	NO	2020	MUNICIPAL CONSERVATION, MONTGOMERY COUNTY MUD 56	CONSERVATION - MUNICIPAL (DOES NOT INCLUDE METER REPLACEMENT OR WATER LOSS)	\$318,577
Montgomery County MUD 56	NO	2030	WUG INFRASTRUCTURE EXPANSION - MONTGOMERY COUNTY MUD 56	CONVEYANCE/TRANSMISSION PIPELINE; PUMP STATION; STORAGE TANK	\$10,741,067
Montgomery County MUD 8	NO	2020	MONTGOMERY COUNTY MUDS 8 AND 9 GRP INFRASTRUCTURE	CONVEYANCE/TRANSMISSION PIPELINE; NEW WATER TREATMENT PLANT; PUMP STATION	\$15,255,188
Montgomery County MUD 8	NO	2020	MUNICIPAL CONSERVATION, MONTGOMERY COUNTY MUD 8	CONSERVATION - MUNICIPAL (DOES NOT INCLUDE METER REPLACEMENT OR WATER LOSS)	\$1,357,116
Montgomery County MUD 83	YES	2020	MUNICIPAL CONSERVATION, MONTGOMERY COUNTY MUD 83	CONSERVATION - MUNICIPAL (DOES NOT INCLUDE METER REPLACEMENT OR WATER LOSS)	\$524,623
Montgomery County MUD 84	NO	2020	MUNICIPAL CONSERVATION, MONTGOMERY COUNTY MUD 84	CONSERVATION - MUNICIPAL (DOES NOT INCLUDE METER REPLACEMENT OR WATER LOSS)	\$820,714
Montgomery County MUD 84	NO	2020	WATER LOSS REDUCTION, MONTGOMERY COUNTY MUD 84	WATER LOSS CONTROL	\$356,220
Montgomery County MUD 84	NO	2030	WUG INFRASTRUCTURE EXPANSION (GROUNDWATER) - MONTGOMERY COUNTY MUD 84	CONVEYANCE/TRANSMISSION PIPELINE; NEW WATER TREATMENT PLANT; SINGLE WELL; STORAGE TANK	\$5,750,071
Montgomery County MUD 88	NO	2030	MUNICIPAL CONSERVATION, MONTGOMERY COUNTY MUD 88	CONSERVATION - MUNICIPAL (DOES NOT INCLUDE METER REPLACEMENT OR WATER LOSS)	\$127,869
Montgomery County MUD 88	NO	2020	WATER LOSS REDUCTION, MONTGOMERY COUNTY MUD 88	WATER LOSS CONTROL	\$104,520
Montgomery County MUD 88	NO	2030	WUG INFRASTRUCTURE EXPANSION - MONTGOMERY COUNTY MUD 88	CONVEYANCE/TRANSMISSION PIPELINE; PUMP STATION; STORAGE TANK	\$10,088,460
Montgomery County MUD 89	YES	2020	MUNICIPAL CONSERVATION, MONTGOMERY COUNTY MUD 89	CONSERVATION - MUNICIPAL (DOES NOT INCLUDE METER REPLACEMENT OR WATER LOSS)	\$1,082,397
Montgomery County MUD 89	YES	2030	WUG INFRASTRUCTURE EXPANSION - MONTGOMERY COUNTY MUD 89	CONVEYANCE/TRANSMISSION PIPELINE; PUMP STATION; STORAGE TANK	\$10,439,739
Montgomery County MUD 9	NO	2020	MONTGOMERY COUNTY MUDS 8 AND 9 GRP INFRASTRUCTURE	CONVEYANCE/TRANSMISSION PIPELINE; NEW WATER TREATMENT PLANT; PUMP STATION	\$15,255,187
Montgomery County MUD 9	NO	2020	MUNICIPAL CONSERVATION, MONTGOMERY COUNTY MUD 9	CONSERVATION - MUNICIPAL (DOES NOT INCLUDE METER REPLACEMENT OR WATER LOSS)	\$2,572,872
Montgomery County MUD 95	NO	2020	MUNICIPAL CONSERVATION, MONTGOMERY COUNTY MUD 95	CONSERVATION - MUNICIPAL (DOES NOT INCLUDE METER REPLACEMENT OR WATER LOSS)	\$456,755
Montgomery County MUD 95	NO	2030	WUG INFRASTRUCTURE EXPANSION (GROUNDWATER) - MONTGOMERY COUNTY MUD 95	CONVEYANCE/TRANSMISSION PIPELINE; NEW WATER TREATMENT PLANT; SINGLE WELL; STORAGE TANK	\$5,867,909
Montgomery County MUD 98	NO	2020	MUNICIPAL CONSERVATION, MONTGOMERY COUNTY MUD 98	CONSERVATION - MUNICIPAL (DOES NOT INCLUDE METER REPLACEMENT OR WATER LOSS)	\$714,737
Montgomery County MUD 99	YES	2020	MUNICIPAL CONSERVATION, MONTGOMERY COUNTY MUD 99	CONSERVATION - MUNICIPAL (DOES NOT INCLUDE METER REPLACEMENT OR WATER LOSS)	\$329,878
Montgomery County MUD 99	YES	2020	WATER LOSS REDUCTION, MONTGOMERY COUNTY MUD 99	WATER LOSS CONTROL	\$372,180
Montgomery County MUD 99	YES	2030	WUG INFRASTRUCTURE EXPANSION - MONTGOMERY COUNTY MUD 99	CONVEYANCE/TRANSMISSION PIPELINE; PUMP STATION; STORAGE TANK	\$10,088,460
Montgomery County UD 2	NO	2020	MUNICIPAL CONSERVATION, MONTGOMERY COUNTY UD 2	CONSERVATION - MUNICIPAL (DOES NOT INCLUDE METER REPLACEMENT OR WATER LOSS)	\$629,048
Montgomery County UD 3	YES	2020	MUNICIPAL CONSERVATION, MONTGOMERY COUNTY UD 3	CONSERVATION - MUNICIPAL (DOES NOT INCLUDE METER REPLACEMENT OR WATER LOSS)	\$1,911,354
Montgomery County UD 3	YES	2020	WATER LOSS REDUCTION, MONTGOMERY COUNTY UD 3	WATER LOSS CONTROL	\$1,834,506
Montgomery County UD 4	NO	2020	MUNICIPAL CONSERVATION, MONTGOMERY COUNTY UD 4	CONSERVATION - MUNICIPAL (DOES NOT INCLUDE METER REPLACEMENT OR WATER LOSS)	\$1,439,300
Montgomery County UD 4	NO	2070	WUG INFRASTRUCTURE EXPANSION (GROUNDWATER) - MONTGOMERY COUNTY UD 4	CONVEYANCE/TRANSMISSION PIPELINE; NEW WATER TREATMENT PLANT; SINGLE WELL; STORAGE TANK	\$5,389,221

Region H Recommended Projects Associated with Water Management Strategies

SPONSOR NAME	SPONSOR IS WWP?	ONLINE DECADE	PROJECT NAME	PROJECT DESCRIPTION	CAPITAL COST
Montgomery County WCID 1	NO	2020	MUNICIPAL CONSERVATION, MONTGOMERY COUNTY WCID 1	CONSERVATION - MUNICIPAL (DOES NOT INCLUDE METER REPLACEMENT OR WATER LOSS)	\$870,925
Montgomery County WCID 1	NO	2030	WUG INFRASTRUCTURE EXPANSION - MONTGOMERY COUNTY WCID 1	CONVEYANCE/TRANSMISSION PIPELINE; STORAGE TANK; PUMP STATION	\$10,088,460
Morgans Point	NO	2020	MUNICIPAL CONSERVATION, MORGANS POINT	CONSERVATION - MUNICIPAL (DOES NOT INCLUDE METER REPLACEMENT OR WATER LOSS)	\$138,847
Mount Houston Road MUD	NO	2020	MUNICIPAL CONSERVATION, MOUNT HOUSTON ROAD MUD	CONSERVATION - MUNICIPAL (DOES NOT INCLUDE METER REPLACEMENT OR WATER LOSS)	\$1,320,375
Mount Houston Road MUD	NO	2040	WUG INFRASTRUCTURE EXPANSION - MOUNT HOUSTON ROAD MUD	CONVEYANCE/TRANSMISSION PIPELINE; STORAGE TANK; PUMP STATION	\$10,531,772
MSEC Enterprises	NO	2020	MUNICIPAL CONSERVATION, MSEC ENTERPRISES	CONSERVATION - MUNICIPAL (DOES NOT INCLUDE METER REPLACEMENT OR WATER LOSS)	\$9,772,149
MSEC Enterprises	NO	2030	WUG INFRASTRUCTURE EXPANSION - MSEC ENTERPRISES	CONVEYANCE/TRANSMISSION PIPELINE; PUMP STATION; STORAGE TANK	\$12,931,975
Nassau Bay	NO	2020	MUNICIPAL CONSERVATION, NASSAU BAY	CONSERVATION - MUNICIPAL (DOES NOT INCLUDE METER REPLACEMENT OR WATER LOSS)	\$1,286,760
Nassau Bay	NO	2020	WATER LOSS REDUCTION, NASSAU BAY	WATER LOSS CONTROL	\$663,922
Needville	NO	2020	MUNICIPAL CONSERVATION, NEEDVILLE	CONSERVATION - MUNICIPAL (DOES NOT INCLUDE METER REPLACEMENT OR WATER LOSS)	\$754,487
New Caney MUD	NO	2020	MUNICIPAL CONSERVATION, NEW CANEY MUD	CONSERVATION - MUNICIPAL (DOES NOT INCLUDE METER REPLACEMENT OR WATER LOSS)	\$3,053,206
New Caney MUD	NO	2040	WUG INFRASTRUCTURE EXPANSION (GROUNDWATER) - NEW CANEY MUD	CONVEYANCE/TRANSMISSION PIPELINE; NEW WATER TREATMENT PLANT; SINGLE WELL; STORAGE TANK	\$6,656,610
New Waverly	NO	2020	MUNICIPAL CONSERVATION, NEW WAVERLY	CONSERVATION - MUNICIPAL (DOES NOT INCLUDE METER REPLACEMENT OR WATER LOSS)	\$374,114
New Waverly	NO	2020	WATER LOSS REDUCTION, NEW WAVERLY	WATER LOSS CONTROL	\$79,894
Newport MUD	NO	2020	MUNICIPAL CONSERVATION, NEWPORT MUD	CONSERVATION - MUNICIPAL (DOES NOT INCLUDE METER REPLACEMENT OR WATER LOSS)	\$2,179,239
Newport MUD	NO	2020	WATER LOSS REDUCTION, NEWPORT MUD	WATER LOSS CONTROL	\$510,588
Normangee	NO	2020	MUNICIPAL CONSERVATION, NORMANGEE	CONSERVATION - MUNICIPAL (DOES NOT INCLUDE METER REPLACEMENT OR WATER LOSS)	\$276,676
North Belt UD	NO	2020	MUNICIPAL CONSERVATION, NORTH BELT UD	CONSERVATION - MUNICIPAL (DOES NOT INCLUDE METER REPLACEMENT OR WATER LOSS)	\$631,892
North Belt UD	NO	2020	WATER LOSS REDUCTION, NORTH BELT UD	WATER LOSS CONTROL	\$215,712
North Belt UD	NO	2040	WUG INFRASTRUCTURE EXPANSION - NORTH BELT UD	CONVEYANCE/TRANSMISSION PIPELINE; STORAGE TANK; PUMP STATION	\$10,289,100
North Channel Water Authority	YES	2020	MUNICIPAL CONSERVATION, NORTH CHANNEL WATER AUTHORITY	CONSERVATION - MUNICIPAL (DOES NOT INCLUDE METER REPLACEMENT OR WATER LOSS)	\$19,645,665
North Channel Water Authority	YES	2020	WATER LOSS REDUCTION, NORTH CHANNEL WATER AUTHORITY	WATER LOSS CONTROL	\$5,816,298
North Forest MUD	NO	2020	MUNICIPAL CONSERVATION, NORTH FOREST MUD	CONSERVATION - MUNICIPAL (DOES NOT INCLUDE METER REPLACEMENT OR WATER LOSS)	\$319,256
North Forest MUD	NO	2020	WATER LOSS REDUCTION, NORTH FOREST MUD	WATER LOSS CONTROL	\$589,094
North Forest MUD	NO	2040	WUG INFRASTRUCTURE EXPANSION - NORTH FOREST MUD	CONVEYANCE/TRANSMISSION PIPELINE; STORAGE TANK; PUMP STATION	\$10,088,460
North Fort Bend Water Authority	YES	2030	COH NORTHEAST WATER PURIFICATION PLANT EXPANSION - PHASES 1 AND 2	WATER TREATMENT PLANT EXPANSION	\$373,220,218
North Fort Bend Water Authority	YES	2020	MUNICIPAL CONSERVATION, NORTH FORT BEND WATER AUTHORITY	CONSERVATION - MUNICIPAL (DOES NOT INCLUDE METER REPLACEMENT OR WATER LOSS)	\$133,636,662
North Fort Bend Water Authority	YES	2030	MUNICIPAL IRRIGATION REUSE DEVELOPMENT, NFBWA	CONVEYANCE/TRANSMISSION PIPELINE; NEW WATER TREATMENT PLANT; STORAGE TANK; PUMP STATION	\$40,939,835
North Fort Bend Water Authority	YES	2020	NFBWA MEMBER DISTRICT REUSE INFRASTRUCTURE	CONVEYANCE/TRANSMISSION PIPELINE; NEW WATER TREATMENT PLANT; PUMP STATION; STORAGE TANK	\$46,640,088
North Fort Bend Water Authority	YES	2030	NFBWA PHASE 2 DISTRIBUTION SEGMENTS	CONVEYANCE/TRANSMISSION PIPELINE	\$83,859,522
North Fort Bend Water Authority	YES	2030	WHCRWA/NFBWA TRANSMISSION LINE	CONVEYANCE/TRANSMISSION PIPELINE	\$589,815,855
North Fort Bend Water Authority	YES	2030	WUG INFRASTRUCTURE EXPANSION - NFBWA DISTRICTS	CONVEYANCE/TRANSMISSION PIPELINE; PUMP STATION; STORAGE TANK	\$108,287,800

Region H Recommended Projects Associated with Water Management Strategies

SPONSOR NAME	SPONSOR IS WWP?	ONLINE DECADE	PROJECT NAME	PROJECT DESCRIPTION	CAPITAL COST
North Green MUD	NO	2020	MUNICIPAL CONSERVATION, NORTH GREEN MUD	CONSERVATION - MUNICIPAL (DOES NOT INCLUDE METER REPLACEMENT OR WATER LOSS)	\$449,339
North Green MUD	NO	2040	WUG INFRASTRUCTURE EXPANSION - NORTH GREEN MUD	CONVEYANCE/TRANSMISSION PIPELINE; STORAGE TANK; PUMP STATION	\$10,289,100
North Harris County Regional Water Authority	YES	2030	COH NORTHEAST WATER PURIFICATION PLANT EXPANSION - PHASES 1 AND 2	WATER TREATMENT PLANT EXPANSION	\$615,693,056
North Harris County Regional Water Authority	YES	2030	COH, NHCRA, AND CHCRA SHARED TRANSMISSION	CONVEYANCE/TRANSMISSION PIPELINE	\$300,595,751
North Harris County Regional Water Authority	YES	2020	MUNICIPAL CONSERVATION, NORTH HARRIS COUNTY REGIONAL WATER AUTHORITY	CONSERVATION - MUNICIPAL (DOES NOT INCLUDE METER REPLACEMENT OR WATER LOSS)	\$228,700,267
North Harris County Regional Water Authority	YES	2030	MUNICIPAL IRRIGATION REUSE DEVELOPMENT, NHCRA	CONVEYANCE/TRANSMISSION PIPELINE; NEW WATER TREATMENT PLANT; STORAGE TANK; PUMP STATION	\$21,061,144
North Harris County Regional Water Authority	YES	2030	NHCRA DISTRIBUTION EXPANSION - 2025 PHASE	CONVEYANCE/TRANSMISSION PIPELINE	\$501,912,161
North Harris County Regional Water Authority	YES	2040	NHCRA DISTRIBUTION EXPANSION - 2035 PHASE	CONVEYANCE/TRANSMISSION PIPELINE	\$404,769,674
North Harris County Regional Water Authority	YES	2050	NHCRA DISTRIBUTION EXPANSION - 2045 PHASE	CONVEYANCE/TRANSMISSION PIPELINE	\$13,022,081
North Harris County Regional Water Authority	YES	2020	NHCRA MEMBER DISTRICT REUSE INFRASTRUCTURE	CONVEYANCE/TRANSMISSION PIPELINE; NEW WATER TREATMENT PLANT; PUMP STATION; STORAGE TANK	\$4,295,775
North Harris County Regional Water Authority	YES	2030	NHCRA TRANSMISSION LINES	CONVEYANCE/TRANSMISSION PIPELINE	\$327,910,960
North Harris County Regional Water Authority	YES	2030	WUG INFRASTRUCTURE EXPANSION - NHCRA DISTRICTS 2025	CONVEYANCE/TRANSMISSION PIPELINE; PUMP STATION; STORAGE TANK	\$225,394,742
North Harris County Regional Water Authority	YES	2040	WUG INFRASTRUCTURE EXPANSION - NHCRA DISTRICTS 2035	CONVEYANCE/TRANSMISSION PIPELINE; PUMP STATION; STORAGE TANK	\$11,181,277
North Zulch MUD	NO	2020	MUNICIPAL CONSERVATION, NORTH ZULCH MUD	CONSERVATION - MUNICIPAL (DOES NOT INCLUDE METER REPLACEMENT OR WATER LOSS)	\$457,404
North Zulch MUD	NO	2020	WATER LOSS REDUCTION, NORTH ZULCH MUD	WATER LOSS CONTROL	\$215,606
Northwest Harris County MUD 16	NO	2020	MUNICIPAL CONSERVATION, NORTHWEST HARRIS COUNTY MUD 16	CONSERVATION - MUNICIPAL (DOES NOT INCLUDE METER REPLACEMENT OR WATER LOSS)	\$753,948
Northwest Harris County MUD 16	NO	2030	WUG INFRASTRUCTURE EXPANSION (GROUNDWATER) - NORTHWEST HARRIS COUNTY MUD 16	CONVEYANCE/TRANSMISSION PIPELINE; NEW WATER TREATMENT PLANT; SINGLE WELL; STORAGE TANK	\$6,232,657
NRG	YES	2030	NRG CEDAR BAYOU DESALINATION	NEW WATER TREATMENT PLANT; STORAGE TANK	\$342,840,391
NRG	YES	2020	WUG INFRASTRUCTURE EXPANSION - STEAM-ELECTRIC POWER, CHAMBERS COUNTY (TSJ)	CONVEYANCE/TRANSMISSION PIPELINE; PUMP STATION; STORAGE TANK	\$0
NRG	YES	2020	WUG INFRASTRUCTURE EXPANSION - STEAM-ELECTRIC POWER, HARRIS COUNTY (SJ)	CONVEYANCE/TRANSMISSION PIPELINE; PUMP STATION; STORAGE TANK	\$0
NRG	YES	2020	WUG INFRASTRUCTURE EXPANSION - STEAM-ELECTRIC POWER, HARRIS COUNTY (SJB)	CONVEYANCE/TRANSMISSION PIPELINE; PUMP STATION; STORAGE TANK	\$0
Oak Hollow Utility	NO	2020	MUNICIPAL CONSERVATION, OAK HOLLOW UTILITY	CONSERVATION - MUNICIPAL (DOES NOT INCLUDE METER REPLACEMENT OR WATER LOSS)	\$703,466
Oak Ridge North	NO	2020	MUNICIPAL CONSERVATION, OAK RIDGE NORTH	CONSERVATION - MUNICIPAL (DOES NOT INCLUDE METER REPLACEMENT OR WATER LOSS)	\$907,882
Oak Ridge North	NO	2030	WUG INFRASTRUCTURE EXPANSION - OAK RIDGE NORTH	CONVEYANCE/TRANSMISSION PIPELINE; PUMP STATION; STORAGE TANK	\$10,088,460
Onalaska WSC	NO	2020	MUNICIPAL CONSERVATION, ONALASKA WSC	CONSERVATION - MUNICIPAL (DOES NOT INCLUDE METER REPLACEMENT OR WATER LOSS)	\$1,579,923
Onalaska WSC	NO	2020	WATER LOSS REDUCTION, ONALASKA WSC	WATER LOSS CONTROL	\$444,050
One Five O WSC	NO	2020	MUNICIPAL CONSERVATION, ONE FIVE O WSC	CONSERVATION - MUNICIPAL (DOES NOT INCLUDE METER REPLACEMENT OR WATER LOSS)	\$752,118
One Five O WSC	NO	2020	WATER LOSS REDUCTION, ONE FIVE O WSC	WATER LOSS CONTROL	\$435,298

Region H Recommended Projects Associated with Water Management Strategies

SPONSOR NAME	SPONSOR IS WWP?	ONLINE DECADE	PROJECT NAME	PROJECT DESCRIPTION	CAPITAL COST
Oyster Creek	NO	2020	MUNICIPAL CONSERVATION, OYSTER CREEK	CONSERVATION - MUNICIPAL (DOES NOT INCLUDE METER REPLACEMENT OR WATER LOSS)	\$365,511
P B & S C WSC	NO	2020	MUNICIPAL CONSERVATION, P B & S C WSC	CONSERVATION - MUNICIPAL (DOES NOT INCLUDE METER REPLACEMENT OR WATER LOSS)	\$547,377
Palmer Plantation MUD 1	NO	2020	MUNICIPAL CONSERVATION, PALMER PLANTATION MUD 1	CONSERVATION - MUNICIPAL (DOES NOT INCLUDE METER REPLACEMENT OR WATER LOSS)	\$543,153
Palmer Plantation MUD 1	NO	2030	WUG INFRASTRUCTURE EXPANSION - PALMER PLANTATION MUD 1	CONVEYANCE/TRANSMISSION PIPELINE; PUMP STATION; STORAGE TANK	\$10,088,460
Palmer Plantation MUD 1	NO	2030	WUG INFRASTRUCTURE EXPANSION (GROUNDWATER) - PALMER PLANTATION MUD 1	CONVEYANCE/TRANSMISSION PIPELINE; NEW WATER TREATMENT PLANT; SINGLE WELL; STORAGE TANK	\$5,989,492
Palmer Plantation MUD 2	YES	2020	MUNICIPAL CONSERVATION, PALMER PLANTATION MUD 2	CONSERVATION - MUNICIPAL (DOES NOT INCLUDE METER REPLACEMENT OR WATER LOSS)	\$504,897
Palmer Plantation MUD 2	YES	2030	WUG INFRASTRUCTURE EXPANSION - PALMER PLANTATION MUD 2	CONVEYANCE/TRANSMISSION PIPELINE; PUMP STATION; STORAGE TANK	\$9,983,912
Palmer Plantation MUD 2	YES	2030	WUG INFRASTRUCTURE EXPANSION (GROUNDWATER) - PALMER PLANTATION MUD 2	CONVEYANCE/TRANSMISSION PIPELINE; NEW WATER TREATMENT PLANT; SINGLE WELL; STORAGE TANK	\$5,514,472
Panorama Village	NO	2020	MUNICIPAL CONSERVATION, PANORAMA VILLAGE	CONSERVATION - MUNICIPAL (DOES NOT INCLUDE METER REPLACEMENT OR WATER LOSS)	\$806,829
Panorama Village	NO	2040	WUG INFRASTRUCTURE EXPANSION - PANORAMA VILLAGE	CONVEYANCE/TRANSMISSION PIPELINE; PUMP STATION; STORAGE TANK	\$10,741,067
Parkway MUD	NO	2020	MUNICIPAL CONSERVATION, PARKWAY MUD	CONSERVATION - MUNICIPAL (DOES NOT INCLUDE METER REPLACEMENT OR WATER LOSS)	\$1,571,910
Pasadena	YES	2020	MUNICIPAL CONSERVATION, PASADENA	CONSERVATION - MUNICIPAL (DOES NOT INCLUDE METER REPLACEMENT OR WATER LOSS)	\$31,699,272
Pasadena	YES	2030	SOUTHEAST TRANSMISSION LINE IMPROVEMENTS	CONVEYANCE/TRANSMISSION PIPELINE	\$47,383
Pattison WSC	NO	2020	MUNICIPAL CONSERVATION, PATTISON WSC	CONSERVATION - MUNICIPAL (DOES NOT INCLUDE METER REPLACEMENT OR WATER LOSS)	\$545,423
Pearland	NO	2020	MUNICIPAL CONSERVATION, PEARLAND	CONSERVATION - MUNICIPAL (DOES NOT INCLUDE METER REPLACEMENT OR WATER LOSS)	\$40,507,644
Pearland	NO	2020	PEARLAND REUSE INFRASTRUCTURE	CONVEYANCE/TRANSMISSION PIPELINE; PUMP STATION; STORAGE TANK	\$12,648,000
Pearland	NO	2030	PEARLAND SURFACE WATER TREATMENT PLANT DEVELOPMENT	NEW WATER TREATMENT PLANT	\$232,787,093
Pearland	NO	2020	WATER LOSS REDUCTION, PEARLAND	WATER LOSS CONTROL	\$7,680,110
Pecan Grove MUD 1	NO	2020	MUNICIPAL CONSERVATION, PECAN GROVE MUD 1	CONSERVATION - MUNICIPAL (DOES NOT INCLUDE METER REPLACEMENT OR WATER LOSS)	\$2,976,508
Pennington WSC	NO	2020	MUNICIPAL CONSERVATION, PENNINGTON WSC	CONSERVATION - MUNICIPAL (DOES NOT INCLUDE METER REPLACEMENT OR WATER LOSS)	\$326,752
Phelps SUD	NO	2020	MUNICIPAL CONSERVATION, PHELPS SUD	CONSERVATION - MUNICIPAL (DOES NOT INCLUDE METER REPLACEMENT OR WATER LOSS)	\$404,755
Pine Village PUD	NO	2020	MUNICIPAL CONSERVATION, PINE VILLAGE PUD	CONSERVATION - MUNICIPAL (DOES NOT INCLUDE METER REPLACEMENT OR WATER LOSS)	\$577,735
Pine Village PUD	NO	2020	WATER LOSS REDUCTION, PINE VILLAGE PUD	WATER LOSS CONTROL	\$30,798
Pine Village PUD	NO	2040	WUG INFRASTRUCTURE EXPANSION - PINE VILLAGE PUD	CONVEYANCE/TRANSMISSION PIPELINE; PUMP STATION; STORAGE TANK	\$9,983,912
Pinehurst Decker Prairie WSC	NO	2020	WATER LOSS REDUCTION, PINEHURST DECKER PRAIRIE WSC	WATER LOSS CONTROL	\$177,930
Pinehurst Decker Prairie WSC	NO	2030	WUG INFRASTRUCTURE EXPANSION (GROUNDWATER) - PINEHURST DECKER PRAIRIE WSC	CONVEYANCE/TRANSMISSION PIPELINE; NEW WATER TREATMENT PLANT; SINGLE WELL; STORAGE TANK	\$7,550,838
Pinewood Community	NO	2020	MUNICIPAL CONSERVATION, PINEWOOD COMMUNITY	CONSERVATION - MUNICIPAL (DOES NOT INCLUDE METER REPLACEMENT OR WATER LOSS)	\$233,849
Pinewood Community	NO	2030	WUG INFRASTRUCTURE EXPANSION (GROUNDWATER) - PINEWOOD COMMUNITY	CONVEYANCE/TRANSMISSION PIPELINE; NEW WATER TREATMENT PLANT; SINGLE WELL; STORAGE TANK	\$5,389,221
Plantation MUD	NO	2020	MUNICIPAL CONSERVATION, PLANTATION MUD	CONSERVATION - MUNICIPAL (DOES NOT INCLUDE METER REPLACEMENT OR WATER LOSS)	\$867,407
Plantation MUD	NO	2030	WUG INFRASTRUCTURE EXPANSION (GROUNDWATER) - PLANTATION MUD	CONVEYANCE/TRANSMISSION PIPELINE; NEW WATER TREATMENT PLANT; SINGLE WELL; STORAGE TANK	\$5,514,472

Region H Recommended Projects Associated with Water Management Strategies

SPONSOR NAME	SPONSOR IS WWP?	ONLINE DECADE	PROJECT NAME	PROJECT DESCRIPTION	CAPITAL COST
Point Aquarius MUD	NO	2020	MUNICIPAL CONSERVATION, POINT AQUARIUS MUD	CONSERVATION - MUNICIPAL (DOES NOT INCLUDE METER REPLACEMENT OR WATER LOSS)	\$698,344
Point Aquarius MUD	NO	2040	WUG INFRASTRUCTURE EXPANSION (GROUNDWATER) - POINT AQUARIUS MUD	CONVEYANCE/TRANSMISSION PIPELINE; NEW WATER TREATMENT PLANT; SINGLE WELL; STORAGE TANK	\$5,750,071
Porter SUD	YES	2020	PORTER SUD GRP INFRASTRUCTURE - PHASE 1	CONVEYANCE/TRANSMISSION PIPELINE; NEW WATER TREATMENT PLANT; STORAGE TANK	\$18,370,179
Porter SUD	YES	2030	PORTER SUD GRP INFRASTRUCTURE - PHASE 2	WATER TREATMENT PLANT EXPANSION	\$8,492,353
Porter SUD	YES	2050	WUG INFRASTRUCTURE EXPANSION - PORTER SUD	CONVEYANCE/TRANSMISSION PIPELINE; PUMP STATION; STORAGE TANK	\$19,391,918
Prairie View	NO	2020	MUNICIPAL CONSERVATION, PRAIRIE VIEW	CONSERVATION - MUNICIPAL (DOES NOT INCLUDE METER REPLACEMENT OR WATER LOSS)	\$1,310,026
Providence WSC	NO	2020	MUNICIPAL CONSERVATION, PROVIDENCE WSC	CONSERVATION - MUNICIPAL (DOES NOT INCLUDE METER REPLACEMENT OR WATER LOSS)	\$108,220
Quadvest	NO	2020	MUNICIPAL CONSERVATION, QUADVEST	CONSERVATION - MUNICIPAL (DOES NOT INCLUDE METER REPLACEMENT OR WATER LOSS)	\$15,976,834
Quadvest	NO	2030	WUG INFRASTRUCTURE EXPANSION - QUADVEST, MONTGOMERY COUNTY - PHASE 1	CONVEYANCE/TRANSMISSION PIPELINE; PUMP STATION; STORAGE TANK	\$12,931,975
Quadvest	NO	2060	WUG INFRASTRUCTURE EXPANSION - QUADVEST, MONTGOMERY COUNTY - PHASE 2	CONVEYANCE/TRANSMISSION PIPELINE; PUMP STATION; STORAGE TANK	\$12,931,975
Quadvest	NO	2030	WUG INFRASTRUCTURE EXPANSION (GROUNDWATER) - QUADVEST (ROSENBERG GRP PARTICIPANT)	CONVEYANCE/TRANSMISSION PIPELINE; NEW WATER TREATMENT PLANT; SINGLE WELL; STORAGE TANK	\$7,710,267
Quadvest	NO	2030	WUG INFRASTRUCTURE EXPANSION (GROUNDWATER) - QUADVEST, FORT BEND COUNTY - PHASE 1	CONVEYANCE/TRANSMISSION PIPELINE; NEW WATER TREATMENT PLANT; SINGLE WELL; STORAGE TANK	\$6,232,657
Quadvest	NO	2050	WUG INFRASTRUCTURE EXPANSION (GROUNDWATER) - QUADVEST, FORT BEND COUNTY - PHASE 2	CONVEYANCE/TRANSMISSION PIPELINE; NEW WATER TREATMENT PLANT; SINGLE WELL; STORAGE TANK	\$6,354,239
Quadvest	NO	2030	WUG INFRASTRUCTURE EXPANSION (GROUNDWATER) - QUADVEST, HARRIS COUNTY	CONVEYANCE/TRANSMISSION PIPELINE; MULTIPLE WELLS/WELL FIELD; NEW WATER TREATMENT PLANT; STORAGE TANK	\$6,656,610
Quail Valley UD	NO	2020	MUNICIPAL CONSERVATION, QUAIL VALLEY UD	CONSERVATION - MUNICIPAL (DOES NOT INCLUDE METER REPLACEMENT OR WATER LOSS)	\$4,954,886
Quail Valley UD	NO	2030	WUG INFRASTRUCTURE EXPANSION - QUAIL VALLEY UD	CONVEYANCE/TRANSMISSION PIPELINE; PUMP STATION; STORAGE TANK	\$9,983,912
Quail Valley UD	NO	2040	WUG INFRASTRUCTURE EXPANSION (GROUNDWATER) - QUAIL VALLEY UD	CONVEYANCE/TRANSMISSION PIPELINE; NEW WATER TREATMENT PLANT; SINGLE WELL; STORAGE TANK	\$5,867,909
Ranch Utilities	NO	2020	MUNICIPAL CONSERVATION, RANCH UTILITIES	CONSERVATION - MUNICIPAL (DOES NOT INCLUDE METER REPLACEMENT OR WATER LOSS)	\$367,586
Ranch Utilities	NO	2030	WUG INFRASTRUCTURE EXPANSION (GROUNDWATER) - RANCH UTILITIES	CONVEYANCE/TRANSMISSION PIPELINE; NEW WATER TREATMENT PLANT; SINGLE WELL; STORAGE TANK	\$5,389,221
Rayford Road MUD	NO	2020	MUNICIPAL CONSERVATION, RAYFORD ROAD MUD	CONSERVATION - MUNICIPAL (DOES NOT INCLUDE METER REPLACEMENT OR WATER LOSS)	\$2,476,870
Rayford Road MUD	NO	2030	WUG INFRASTRUCTURE EXPANSION - RAYFORD ROAD MUD	CONVEYANCE/TRANSMISSION PIPELINE; PUMP STATION; STORAGE TANK	\$10,475,383
Richmond	YES	2020	MUNICIPAL CONSERVATION, RICHMOND	CONSERVATION - MUNICIPAL (DOES NOT INCLUDE METER REPLACEMENT OR WATER LOSS)	\$2,839,509
Richmond	YES	2030	RICHMOND GRP INFRASTRUCTURE	CONVEYANCE/TRANSMISSION PIPELINE; NEW WATER TREATMENT PLANT; PUMP STATION; SINGLE WELL; STORAGE TANK; WATER TREATMENT PLANT EXPANSION	\$64,737,991
Richmond	YES	2020	RICHMOND REUSE INFRASTRUCTURE	CONVEYANCE/TRANSMISSION PIPELINE; PUMP STATION; STORAGE TANK	\$6,198,853
Richwood	NO	2020	MUNICIPAL CONSERVATION, RICHWOOD	CONSERVATION - MUNICIPAL (DOES NOT INCLUDE METER REPLACEMENT OR WATER LOSS)	\$1,059,533
Richwood	NO	2020	WATER LOSS REDUCTION, RICHWOOD	WATER LOSS CONTROL	\$370,030
Richwood	NO	2030	WUG INFRASTRUCTURE EXPANSION - RICHWOOD	CONVEYANCE/TRANSMISSION PIPELINE; PUMP STATION; STORAGE TANK	\$10,162,348
River Plantation MUD	YES	2020	MUNICIPAL CONSERVATION, RIVER PLANTATION MUD	CONSERVATION - MUNICIPAL (DOES NOT INCLUDE METER REPLACEMENT OR WATER LOSS)	\$859,909

Region H Recommended Projects Associated with Water Management Strategies

SPONSOR NAME	SPONSOR IS WWP?	ONLINE DECADE	PROJECT NAME	PROJECT DESCRIPTION	CAPITAL COST
River Plantation MUD	YES	2050	WUG INFRASTRUCTURE EXPANSION - RIVER PLANTATION MUD	CONVEYANCE/TRANSMISSION PIPELINE; PUMP STATION; STORAGE TANK	\$13,930,632
Rolling Fork PUD	NO	2020	MUNICIPAL CONSERVATION, ROLLING FORK PUD	CONSERVATION - MUNICIPAL (DOES NOT INCLUDE METER REPLACEMENT OR WATER LOSS)	\$493,788
Rolling Fork PUD	NO	2030	WUG INFRASTRUCTURE EXPANSION - ROLLING FORK PUD	CONVEYANCE/TRANSMISSION PIPELINE; PUMP STATION; STORAGE TANK	\$10,088,460
Roman Forest Consolidated MUD	NO	2020	MUNICIPAL CONSERVATION, ROMAN FOREST CONSOLIDATED MUD	CONSERVATION - MUNICIPAL (DOES NOT INCLUDE METER REPLACEMENT OR WATER LOSS)	\$498,998
Roman Forest Consolidated MUD	NO	2040	WUG INFRASTRUCTURE EXPANSION (GROUNDWATER) - ROMAN FOREST CONSOLIDATED MUD	CONVEYANCE/TRANSMISSION PIPELINE; NEW WATER TREATMENT PLANT; SINGLE WELL; STORAGE TANK	\$5,750,071
Rosenberg	YES	2020	MUNICIPAL CONSERVATION, ROSENBERG	CONSERVATION - MUNICIPAL (DOES NOT INCLUDE METER REPLACEMENT OR WATER LOSS)	\$10,696,240
Rosenberg	YES	2030	ROSENBERG GRP INFRASTRUCTURE	CONVEYANCE/TRANSMISSION PIPELINE; PUMP STATION; STORAGE TANK	\$12,963,110
Royal Valley Utilities	NO	2020	MUNICIPAL CONSERVATION, ROYAL VALLEY UTILITIES	CONSERVATION - MUNICIPAL (DOES NOT INCLUDE METER REPLACEMENT OR WATER LOSS)	\$645,179
Royal Valley Utilities	NO	2030	WUG INFRASTRUCTURE EXPANSION (GROUNDWATER) - ROYAL VALLEY UTILITIES (NFBWA GRP PARTICIPANT)	CONVEYANCE/TRANSMISSION PIPELINE; NEW WATER TREATMENT PLANT; SINGLE WELL; STORAGE TANK	\$5,514,472
Royal Valley Utilities	NO	2030	WUG INFRASTRUCTURE EXPANSION (GROUNDWATER) - ROYAL VALLEY UTILITIES (SUGAR LAND GRP PARTICIPANT)	CONVEYANCE/TRANSMISSION PIPELINE; NEW WATER TREATMENT PLANT; SINGLE WELL; STORAGE TANK	\$5,989,492
Sabine River Authority	YES	2050	EAST TEXAS TRANSFER	CONVEYANCE/TRANSMISSION PIPELINE; PUMP STATION; NEW WATER RIGHT/PERMIT AMENDMENT NON-EXEMPT IBT	\$0
Sagemeadow UD	YES	2020	MUNICIPAL CONSERVATION, SAGEMEADOW UD	CONSERVATION - MUNICIPAL (DOES NOT INCLUDE METER REPLACEMENT OR WATER LOSS)	\$1,686,926
San Jacinto River Authority	YES	2050	LAKE LIVINGSTON TO SJRA TRANSFER	CONVEYANCE/TRANSMISSION PIPELINE; PUMP STATION; NEW WATER RIGHT/PERMIT AMENDMENT NON-EXEMPT IBT	\$245,492,975
San Jacinto River Authority	YES	2070	SJRA AQUIFER STORAGE AND RECOVERY	CONVEYANCE/TRANSMISSION PIPELINE; MULTIPLE WELLS/WELL FIELD; NEW WATER TREATMENT PLANT; PUMP STATION; RESERVOIR CONSTRUCTION	\$222,907,186
San Jacinto River Authority	YES	2040	SJRA CATAHOULA AQUIFER SUPPLIES	CONVEYANCE/TRANSMISSION PIPELINE; MULTIPLE WELLS/WELL FIELD	\$18,200,411
San Jacinto River Authority	YES	2030	SJRA GROUNDWATER REDUCTION PLAN - 2025 PHASE	CONVEYANCE/TRANSMISSION PIPELINE; PUMP STATION; WATER TREATMENT PLANT EXPANSION	\$87,842,787
San Jacinto River Authority	YES	2040	SJRA GROUNDWATER REDUCTION PLAN - 2035 PHASE	CONVEYANCE/TRANSMISSION PIPELINE; PUMP STATION; WATER TREATMENT PLANT EXPANSION	\$348,819,483
San Jacinto River Authority	YES	2050	SJRA GROUNDWATER REDUCTION PLAN - 2045 PHASE	CONVEYANCE/TRANSMISSION PIPELINE; PUMP STATION; WATER TREATMENT PLANT EXPANSION	\$213,429,097
San Jacinto River Authority	YES	2060	SJRA GROUNDWATER REDUCTION PLAN - 2055 PHASE	CONVEYANCE/TRANSMISSION PIPELINE; PUMP STATION; WATER TREATMENT PLANT EXPANSION	\$348,819,483
San Jacinto SUD	NO	2020	MUNICIPAL CONSERVATION, SAN JACINTO SUD	CONSERVATION - MUNICIPAL (DOES NOT INCLUDE METER REPLACEMENT OR WATER LOSS)	\$857,236
San Leon MUD	NO	2030	WUG INFRASTRUCTURE EXPANSION - SAN LEON MUD	CONVEYANCE/TRANSMISSION PIPELINE; PUMP STATION; STORAGE TANK	\$10,439,739
Seabrook	NO	2020	MUNICIPAL CONSERVATION, SEABROOK	CONSERVATION - MUNICIPAL (DOES NOT INCLUDE METER REPLACEMENT OR WATER LOSS)	\$3,075,442
Sealy	NO	2020	MUNICIPAL CONSERVATION, SEALY	CONSERVATION - MUNICIPAL (DOES NOT INCLUDE METER REPLACEMENT OR WATER LOSS)	\$2,201,136
Sedona Lakes MUD 1	NO	2020	MUNICIPAL CONSERVATION, SEDONA LAKES MUD 1	CONSERVATION - MUNICIPAL (DOES NOT INCLUDE METER REPLACEMENT OR WATER LOSS)	\$458,106
Sedona Lakes MUD 1	NO	2020	WATER LOSS REDUCTION, SEDONA LAKES MUD 1	WATER LOSS CONTROL	\$204,334
Sequoia Improvement District	NO	2020	MUNICIPAL CONSERVATION, SEQUOIA IMPROVEMENT DISTRICT	CONSERVATION - MUNICIPAL (DOES NOT INCLUDE METER REPLACEMENT OR WATER LOSS)	\$273,422
Sequoia Improvement District	NO	2020	WATER LOSS REDUCTION, SEQUOIA IMPROVEMENT DISTRICT	WATER LOSS CONTROL	\$147,466
Sequoia Improvement District	NO	2030	WUG INFRASTRUCTURE EXPANSION (GROUNDWATER) - SEQUOIA IMPROVEMENT DISTRICT	CONVEYANCE/TRANSMISSION PIPELINE; NEW WATER TREATMENT PLANT; SINGLE WELL; STORAGE TANK	\$5,389,221

Region H Recommended Projects Associated with Water Management Strategies

SPONSOR NAME	SPONSOR IS WWP?	ONLINE DECADE	PROJECT NAME	PROJECT DESCRIPTION	CAPITAL COST
Shenandoah	NO	2020	MUNICIPAL CONSERVATION, SHENANDOAH	CONSERVATION - MUNICIPAL (DOES NOT INCLUDE METER REPLACEMENT OR WATER LOSS)	\$1,764,103
Shenandoah	NO	2020	WUG INFRASTRUCTURE EXPANSION - SHENANDOAH	CONVEYANCE/TRANSMISSION PIPELINE; PUMP STATION; STORAGE TANK	\$18,578,208
Shepherd	NO	2020	MUNICIPAL CONSERVATION, SHEPHERD	CONSERVATION - MUNICIPAL (DOES NOT INCLUDE METER REPLACEMENT OR WATER LOSS)	\$796,830
Shoreacres	NO	2020	MUNICIPAL CONSERVATION, SHOREACRES	CONSERVATION - MUNICIPAL (DOES NOT INCLUDE METER REPLACEMENT OR WATER LOSS)	\$434,121
Sienna Plantation	NO	2020	MUNICIPAL CONSERVATION, SIENNA PLANTATION	CONSERVATION - MUNICIPAL (DOES NOT INCLUDE METER REPLACEMENT OR WATER LOSS)	\$14,108,377
Sienna Plantation	NO	2030	WUG INFRASTRUCTURE EXPANSION - SIENNA PLANTATION	CONVEYANCE/TRANSMISSION PIPELINE; PUMP STATION; STORAGE TANK	\$12,234,868
Soda WSC	NO	2020	MUNICIPAL CONSERVATION, SODA WSC	CONSERVATION - MUNICIPAL (DOES NOT INCLUDE METER REPLACEMENT OR WATER LOSS)	\$515,365
South Cleveland WSC	NO	2020	MUNICIPAL CONSERVATION, SOUTH CLEVELAND WSC	CONSERVATION - MUNICIPAL (DOES NOT INCLUDE METER REPLACEMENT OR WATER LOSS)	\$719,210
South Houston	YES	2020	MUNICIPAL CONSERVATION, SOUTH HOUSTON	CONSERVATION - MUNICIPAL (DOES NOT INCLUDE METER REPLACEMENT OR WATER LOSS)	\$3,528,418
South Houston	YES	2020	WATER LOSS REDUCTION, SOUTH HOUSTON	WATER LOSS CONTROL	\$2,981,016
Southeast WSC	NO	2020	MUNICIPAL CONSERVATION, SOUTHEAST WSC	CONSERVATION - MUNICIPAL (DOES NOT INCLUDE METER REPLACEMENT OR WATER LOSS)	\$940,549
Southeast WSC	NO	2020	WATER LOSS REDUCTION, SOUTHEAST WSC	WATER LOSS CONTROL	\$473,240
Southern Montgomery County MUD	NO	2020	MUNICIPAL CONSERVATION, SOUTHERN MONTGOMERY COUNTY MUD	CONSERVATION - MUNICIPAL (DOES NOT INCLUDE METER REPLACEMENT OR WATER LOSS)	\$1,761,929
Southern Montgomery County MUD	NO	2020	WATER LOSS REDUCTION, SOUTHERN MONTGOMERY COUNTY MUD	WATER LOSS CONTROL	\$2,866,114
Southern Water	NO	2020	MUNICIPAL CONSERVATION, SOUTHERN WATER	CONSERVATION - MUNICIPAL (DOES NOT INCLUDE METER REPLACEMENT OR WATER LOSS)	\$859,821
Southern Water	NO	2030	WUG INFRASTRUCTURE EXPANSION (GROUNDWATER) - SOUTHERN WATER	CONVEYANCE/TRANSMISSION PIPELINE; NEW WATER TREATMENT PLANT; SINGLE WELL; STORAGE TANK	\$5,989,492
Southside Place	NO	2020	MUNICIPAL CONSERVATION, SOUTHSIDE PLACE	CONSERVATION - MUNICIPAL (DOES NOT INCLUDE METER REPLACEMENT OR WATER LOSS)	\$350,505
Southwest Harris County MUD 1	NO	2020	MUNICIPAL CONSERVATION, SOUTHWEST HARRIS COUNTY MUD 1	CONSERVATION - MUNICIPAL (DOES NOT INCLUDE METER REPLACEMENT OR WATER LOSS)	\$142,770
Splendora	NO	2020	MUNICIPAL CONSERVATION, SPLENDORA	CONSERVATION - MUNICIPAL (DOES NOT INCLUDE METER REPLACEMENT OR WATER LOSS)	\$2,671,520
Splendora	NO	2020	WATER LOSS REDUCTION, SPLENDORA	WATER LOSS CONTROL	\$1,736,640
Splendora	NO	2030	WUG INFRASTRUCTURE EXPANSION (GROUNDWATER) - SPLENDORA	CONVEYANCE/TRANSMISSION PIPELINE; NEW WATER TREATMENT PLANT; SINGLE WELL; STORAGE TANK	\$8,669,430
Spring Creek UD	NO	2020	MUNICIPAL CONSERVATION, SPRING CREEK UD	CONSERVATION - MUNICIPAL (DOES NOT INCLUDE METER REPLACEMENT OR WATER LOSS)	\$3,032,270
Spring Creek UD	NO	2030	WUG INFRASTRUCTURE EXPANSION - SPRING CREEK UD	CONVEYANCE/TRANSMISSION PIPELINE; PUMP STATION; STORAGE TANK	\$10,734,155
Spring Meadows MUD	NO	2020	MUNICIPAL CONSERVATION, SPRING MEADOWS MUD	CONSERVATION - MUNICIPAL (DOES NOT INCLUDE METER REPLACEMENT OR WATER LOSS)	\$872,219
Spring Valley	NO	2020	MUNICIPAL CONSERVATION, SPRING VALLEY	CONSERVATION - MUNICIPAL (DOES NOT INCLUDE METER REPLACEMENT OR WATER LOSS)	\$1,189,431
Stanley Lake MUD	NO	2020	MUNICIPAL CONSERVATION, STANLEY LAKE MUD	CONSERVATION - MUNICIPAL (DOES NOT INCLUDE METER REPLACEMENT OR WATER LOSS)	\$1,496,087
Stanley Lake MUD	NO	2060	WUG INFRASTRUCTURE EXPANSION - STANLEY LAKE MUD	CONVEYANCE/TRANSMISSION PIPELINE; PUMP STATION; STORAGE TANK	\$16,433,378
Stanley Lake MUD	NO	2050	WUG INFRASTRUCTURE EXPANSION (GROUNDWATER) - STANLEY LAKE MUD	CONVEYANCE/TRANSMISSION PIPELINE; STORAGE TANK; NEW WATER TREATMENT PLANT; SINGLE WELL	\$5,750,071
Steam-Electric Power, Chambers	NO	2020	WUG INFRASTRUCTURE EXPANSION - STEAM-ELECTRIC POWER, CHAMBERS COUNTY (TSJ)	CONVEYANCE/TRANSMISSION PIPELINE; PUMP STATION; STORAGE TANK	\$10,916,864
Steam-Electric Power, Harris	NO	2020	WUG INFRASTRUCTURE EXPANSION - STEAM-ELECTRIC POWER, HARRIS COUNTY (SJ)	CONVEYANCE/TRANSMISSION PIPELINE; PUMP STATION; STORAGE TANK	\$12,234,868
Steam-Electric Power, Harris	NO	2020	WUG INFRASTRUCTURE EXPANSION - STEAM-ELECTRIC POWER, HARRIS COUNTY (SJB)	CONVEYANCE/TRANSMISSION PIPELINE; PUMP STATION; STORAGE TANK	\$10,088,460

Region H Recommended Projects Associated with Water Management Strategies

SPONSOR NAME	SPONSOR IS WWP?	ONLINE DECADE	PROJECT NAME	PROJECT DESCRIPTION	CAPITAL COST
Suburban Utility	NO	2020	MUNICIPAL CONSERVATION, SUBURBAN UTILITY	CONSERVATION - MUNICIPAL (DOES NOT INCLUDE METER REPLACEMENT OR WATER LOSS)	\$840,323
Suburban Utility	NO	2020	WATER LOSS REDUCTION, SUBURBAN UTILITY	WATER LOSS CONTROL	\$135,240
Suburban Utility	NO	2030	WUG INFRASTRUCTURE EXPANSION (GROUNDWATER) - SUBURBAN UTILITY	CONVEYANCE/TRANSMISSION PIPELINE; NEW WATER TREATMENT PLANT; SINGLE WELL; STORAGE TANK	\$5,639,722
Sugar Land	YES	2020	MUNICIPAL CONSERVATION, SUGAR LAND	CONSERVATION - MUNICIPAL (DOES NOT INCLUDE METER REPLACEMENT OR WATER LOSS)	\$40,237,388
Sugar Land	YES	2030	SUGAR LAND ADVANCED LOSS REDUCTION	WATER LOSS CONTROL	\$359,565
Sugar Land	YES	2030	SUGAR LAND AMI	DATA GATHERING/MONITORING TECHNOLOGY	\$12,488,608
Sugar Land	YES	2030	SUGAR LAND GROUNDWATER PLANT CONVERSION	CONVEYANCE/TRANSMISSION PIPELINE; NEW WATER TREATMENT PLANT	\$21,466,745
Sugar Land	YES	2030	SUGAR LAND IWRP REUSE INFRASTRUCTURE - PHASE 1	CONVEYANCE/TRANSMISSION PIPELINE; PUMP STATION; STORAGE TANK; WATER TREATMENT PLANT EXPANSION	\$18,579,129
Sugar Land	YES	2040	SUGAR LAND IWRP REUSE INFRASTRUCTURE - PHASE 2	CONVEYANCE/TRANSMISSION PIPELINE; PUMP STATION; STORAGE TANK; WATER TREATMENT PLANT EXPANSION	\$10,302,830
Sugar Land	YES	2030	SUGAR LAND SURFACE WATER EXPANSION - PHASE 1	CONVEYANCE/TRANSMISSION PIPELINE; PUMP STATION; WATER TREATMENT PLANT EXPANSION	\$52,730,261
Sugar Land	YES	2040	SUGAR LAND SURFACE WATER EXPANSION - PHASE 2	PUMP STATION; WATER TREATMENT PLANT EXPANSION	\$17,206,901
Sugar Land	YES	2020	WATER LOSS REDUCTION, SUGAR LAND	WATER LOSS CONTROL	\$1,306,356
Sunbelt FWSD	NO	2020	MUNICIPAL CONSERVATION, SUNBELT FWSD	CONSERVATION - MUNICIPAL (DOES NOT INCLUDE METER REPLACEMENT OR WATER LOSS)	\$7,755,607
Sunbelt FWSD	NO	2020	WATER LOSS REDUCTION, SUNBELT FWSD	WATER LOSS CONTROL	\$2,409,570
Sunbelt FWSD	NO	2040	WUG INFRASTRUCTURE EXPANSION - SUNBELT FWSD	CONVEYANCE/TRANSMISSION PIPELINE; PUMP STATION; STORAGE TANK	\$10,707,918
Surfside Beach	NO	2020	MUNICIPAL CONSERVATION, SURFSIDE BEACH	CONSERVATION - MUNICIPAL (DOES NOT INCLUDE METER REPLACEMENT OR WATER LOSS)	\$194,388
Surfside Beach	NO	2020	SURFSIDE BEACH SUPPLY INFRASTRUCTURE	PUMP STATION; STORAGE TANK; WATER TREATMENT PLANT EXPANSION	\$1,900,440
Sweeny	NO	2020	MUNICIPAL CONSERVATION, SWEENY	CONSERVATION - MUNICIPAL (DOES NOT INCLUDE METER REPLACEMENT OR WATER LOSS)	\$855,971
T & W Water Service	NO	2020	MUNICIPAL CONSERVATION, T & W WATER SERVICE	CONSERVATION - MUNICIPAL (DOES NOT INCLUDE METER REPLACEMENT OR WATER LOSS)	\$3,641,710
T & W Water Service	NO	2030	WUG INFRASTRUCTURE EXPANSION - T & W WATER SERVICE - PHASE 1	CONVEYANCE/TRANSMISSION PIPELINE; PUMP STATION; STORAGE TANK	\$10,788,126
T & W Water Service	NO	2060	WUG INFRASTRUCTURE EXPANSION - T & W WATER SERVICE - PHASE 2	CONVEYANCE/TRANSMISSION PIPELINE; PUMP STATION; STORAGE TANK	\$10,760,392
Tarkington SUD	NO	2020	MUNICIPAL CONSERVATION, TARKINGTON SUD	CONSERVATION - MUNICIPAL (DOES NOT INCLUDE METER REPLACEMENT OR WATER LOSS)	\$1,320,661
TDCJ Jester Units	NO	2020	MUNICIPAL CONSERVATION, TDCJ JESTER UNITS	CONSERVATION - MUNICIPAL (DOES NOT INCLUDE METER REPLACEMENT OR WATER LOSS)	\$564,744
TDCJ Jester Units	NO	2030	WUG INFRASTRUCTURE EXPANSION (GROUNDWATER) - TDCJ JESTER UNITS (B)	CONVEYANCE/TRANSMISSION PIPELINE; NEW WATER TREATMENT PLANT; SINGLE WELL; STORAGE TANK	\$5,750,071
TDCJ Jester Units	NO	2030	WUG INFRASTRUCTURE EXPANSION (GROUNDWATER) - TDCJ JESTER UNITS (SJB)	CONVEYANCE/TRANSMISSION PIPELINE; NEW WATER TREATMENT PLANT; SINGLE WELL; STORAGE TANK	\$6,232,657
TDCJ Ramsey Area	NO	2020	MUNICIPAL CONSERVATION, TDCJ RAMSEY AREA	CONSERVATION - MUNICIPAL (DOES NOT INCLUDE METER REPLACEMENT OR WATER LOSS)	\$286,459
Tempe WSC 1	NO	2020	MUNICIPAL CONSERVATION, TEMPE WSC 1	CONSERVATION - MUNICIPAL (DOES NOT INCLUDE METER REPLACEMENT OR WATER LOSS)	\$551,885
Texas City	YES	2020	MUNICIPAL CONSERVATION, TEXAS CITY	CONSERVATION - MUNICIPAL (DOES NOT INCLUDE METER REPLACEMENT OR WATER LOSS)	\$16,534,117
Texas City	YES	2020	WATER LOSS REDUCTION, TEXAS CITY	WATER LOSS CONTROL	\$12,524,584
Texas City	YES	2030	WUG INFRASTRUCTURE EXPANSION - TEXAS CITY	CONVEYANCE/TRANSMISSION PIPELINE; PUMP STATION; STORAGE TANK	\$27,911,495
The Commons Water Supply	NO	2020	MUNICIPAL CONSERVATION, THE COMMONS WATER SUPPLY	CONSERVATION - MUNICIPAL (DOES NOT INCLUDE METER REPLACEMENT OR WATER LOSS)	\$637,110

Region H Recommended Projects Associated with Water Management Strategies

SPONSOR NAME	SPONSOR IS WWP?	ONLINE DECADE	PROJECT NAME	PROJECT DESCRIPTION	CAPITAL COST
The Commons Water Supply	NO	2030	WUG INFRASTRUCTURE EXPANSION (GROUNDWATER) - THE COMMONS WATER SUPPLY	CONVEYANCE/TRANSMISSION PIPELINE; NEW WATER TREATMENT PLANT; SINGLE WELL; STORAGE TANK	\$5,989,492
The Woodlands	YES	2020	MUNICIPAL CONSERVATION, THE WOODLANDS	CONSERVATION - MUNICIPAL (DOES NOT INCLUDE METER REPLACEMENT OR WATER LOSS)	\$26,830,227
The Woodlands	YES	2020	WUG INFRASTRUCTURE EXPANSION - THE WOODLANDS - PHASE 1	CONVEYANCE/TRANSMISSION PIPELINE; PUMP STATION; STORAGE TANK	\$14,616,551
The Woodlands	YES	2040	WUG INFRASTRUCTURE EXPANSION - THE WOODLANDS - PHASE 2	CONVEYANCE/TRANSMISSION PIPELINE; PUMP STATION; STORAGE TANK	\$14,616,551
The Woodlands	YES	2040	WUG INFRASTRUCTURE EXPANSION - THE WOODLANDS, HARRIS COUNTY	CONVEYANCE/TRANSMISSION PIPELINE; PUMP STATION; STORAGE TANK	\$11,697,788
Thunderbird UD	NO	2020	MUNICIPAL CONSERVATION, THUNDERBIRD UD	CONSERVATION - MUNICIPAL (DOES NOT INCLUDE METER REPLACEMENT OR WATER LOSS)	\$1,637,267
Thunderbird UD	NO	2030	WUG INFRASTRUCTURE EXPANSION - THUNDERBIRD UD	CONVEYANCE/TRANSMISSION PIPELINE; PUMP STATION; STORAGE TANK	\$10,289,100
Thunderbird UD	NO	2030	WUG INFRASTRUCTURE EXPANSION (GROUNDWATER) - THUNDERBIRD UD	CONVEYANCE/TRANSMISSION PIPELINE; NEW WATER TREATMENT PLANT; SINGLE WELL; STORAGE TANK	\$7,550,838
Tomball	NO	2020	MUNICIPAL CONSERVATION, TOMBALL	CONSERVATION - MUNICIPAL (DOES NOT INCLUDE METER REPLACEMENT OR WATER LOSS)	\$3,413,919
Tomball	NO	2020	WATER LOSS REDUCTION, TOMBALL	WATER LOSS CONTROL	\$3,247,382
Tomball	NO	2030	WUG INFRASTRUCTURE EXPANSION - TOMBALL	CONVEYANCE/TRANSMISSION PIPELINE; PUMP STATION; STORAGE TANK	\$11,181,277
Trail of the Lakes MUD	NO	2020	MUNICIPAL CONSERVATION, TRAIL OF THE LAKES MUD	CONSERVATION - MUNICIPAL (DOES NOT INCLUDE METER REPLACEMENT OR WATER LOSS)	\$1,838,937
Trail of the Lakes MUD	NO	2040	WUG INFRASTRUCTURE EXPANSION - TRAIL OF THE LAKES MUD	STORAGE TANK; PUMP STATION; CONVEYANCE/TRANSMISSION PIPELINE	\$10,734,155
Trinity	YES	2020	MUNICIPAL CONSERVATION, TRINITY	CONSERVATION - MUNICIPAL (DOES NOT INCLUDE METER REPLACEMENT OR WATER LOSS)	\$1,051,962
Trinity Bay Conservation District	NO	2020	MUNICIPAL CONSERVATION, TRINITY BAY CONSERVATION DISTRICT	CONSERVATION - MUNICIPAL (DOES NOT INCLUDE METER REPLACEMENT OR WATER LOSS)	\$7,470,364
Trinity Bay Conservation District	NO	2020	WUG INFRASTRUCTURE EXPANSION - TRINITY BAY CONSERVATION DISTRICT - PHASE 1	WATER TREATMENT PLANT EXPANSION; PUMP STATION; CONVEYANCE/TRANSMISSION PIPELINE	\$16,433,378
Trinity Bay Conservation District	NO	2040	WUG INFRASTRUCTURE EXPANSION - TRINITY BAY CONSERVATION DISTRICT - PHASE 2	WATER TREATMENT PLANT EXPANSION; PUMP STATION; CONVEYANCE/TRANSMISSION PIPELINE	\$14,932,881
Trinity Bay Conservation District	NO	2060	WUG INFRASTRUCTURE EXPANSION - TRINITY BAY CONSERVATION DISTRICT - PHASE 3	WATER TREATMENT PLANT EXPANSION; PUMP STATION; CONVEYANCE/TRANSMISSION PIPELINE	\$16,433,378
Trinity Rural WSC	NO	2020	MUNICIPAL CONSERVATION, TRINITY RURAL WSC	CONSERVATION - MUNICIPAL (DOES NOT INCLUDE METER REPLACEMENT OR WATER LOSS)	\$863,935
Trinity Rural WSC	NO	2020	WATER LOSS REDUCTION, TRINITY RURAL WSC	WATER LOSS CONTROL	\$412,330
Valley Ranch MUD 1	NO	2020	MUNICIPAL CONSERVATION, VALLEY RANCH MUD 1	CONSERVATION - MUNICIPAL (DOES NOT INCLUDE METER REPLACEMENT OR WATER LOSS)	\$684,601
Varner Creek UD	NO	2020	MUNICIPAL CONSERVATION, VARNER CREEK UD	CONSERVATION - MUNICIPAL (DOES NOT INCLUDE METER REPLACEMENT OR WATER LOSS)	\$454,609
Varner Creek UD	NO	2020	WATER LOSS REDUCTION, VARNER CREEK UD	WATER LOSS CONTROL	\$55,346
Walker County Rural SUD	NO	2020	MUNICIPAL CONSERVATION, WALKER COUNTY RURAL SUD	CONSERVATION - MUNICIPAL (DOES NOT INCLUDE METER REPLACEMENT OR WATER LOSS)	\$1,832,813
Walker County Rural SUD	NO	2020	WATER LOSS REDUCTION, WALKER COUNTY RURAL SUD	WATER LOSS CONTROL	\$1,937,188
Waller	NO	2020	MUNICIPAL CONSERVATION, WALLER	CONSERVATION - MUNICIPAL (DOES NOT INCLUDE METER REPLACEMENT OR WATER LOSS)	\$1,151,987
Waller	NO	2020	WATER LOSS REDUCTION, WALLER	WATER LOSS CONTROL	\$710,752
Wallis	NO	2020	MUNICIPAL CONSERVATION, WALLIS	CONSERVATION - MUNICIPAL (DOES NOT INCLUDE METER REPLACEMENT OR WATER LOSS)	\$407,981
Wallis	NO	2020	WATER LOSS REDUCTION, WALLIS	WATER LOSS CONTROL	\$192,344
Waterwood MUD 1	NO	2020	MUNICIPAL CONSERVATION, WATERWOOD MUD 1	CONSERVATION - MUNICIPAL (DOES NOT INCLUDE METER REPLACEMENT OR WATER LOSS)	\$109,893
Webster	NO	2020	MUNICIPAL CONSERVATION, WEBSTER	CONSERVATION - MUNICIPAL (DOES NOT INCLUDE METER REPLACEMENT OR WATER LOSS)	\$2,952,717
Webster	NO	2030	SOUTHEAST TRANSMISSION LINE IMPROVEMENTS	CONVEYANCE/TRANSMISSION PIPELINE	\$9,734,490

Region H Recommended Projects Associated with Water Management Strategies

SPONSOR NAME	SPONSOR IS WWP?	ONLINE DECADE	PROJECT NAME	PROJECT DESCRIPTION	CAPITAL COST
West Columbia	NO	2020	MUNICIPAL CONSERVATION, WEST COLUMBIA	CONSERVATION - MUNICIPAL (DOES NOT INCLUDE METER REPLACEMENT OR WATER LOSS)	\$1,174,985
West End WSC	NO	2020	MUNICIPAL CONSERVATION, WEST END WSC	CONSERVATION - MUNICIPAL (DOES NOT INCLUDE METER REPLACEMENT OR WATER LOSS)	\$440,698
West Harris County MUD 6	NO	2020	MUNICIPAL CONSERVATION, WEST HARRIS COUNTY MUD 6	CONSERVATION - MUNICIPAL (DOES NOT INCLUDE METER REPLACEMENT OR WATER LOSS)	\$379,276
West Harris County MUD 6	NO	2030	WUG INFRASTRUCTURE EXPANSION (GROUNDWATER) - WEST HARRIS COUNTY MUD 6	CONVEYANCE/TRANSMISSION PIPELINE; NEW WATER TREATMENT PLANT; SINGLE WELL; STORAGE TANK	\$5,989,492
West Harris County Regional Water Authority	YES	2030	COH NORTHEAST WATER PURIFICATION PLANT EXPANSION - PHASES 1 AND 2	WATER TREATMENT PLANT EXPANSION	\$449,063,811
West Harris County Regional Water Authority	YES	2020	MUNICIPAL CONSERVATION, WEST HARRIS COUNTY REGIONAL WATER AUTHORITY	CONSERVATION - MUNICIPAL (DOES NOT INCLUDE METER REPLACEMENT OR WATER LOSS)	\$141,796,335
West Harris County Regional Water Authority	YES	2030	MUNICIPAL IRRIGATION REUSE DEVELOPMENT, WHCRWA	CONVEYANCE/TRANSMISSION PIPELINE; NEW WATER TREATMENT PLANT; STORAGE TANK; PUMP STATION	\$11,713,653
West Harris County Regional Water Authority	YES	2030	WHCRWA 2025 DISTRIBUTION EXPANSION	CONVEYANCE/TRANSMISSION PIPELINE	\$159,257,661
West Harris County Regional Water Authority	YES	2040	WHCRWA 2035 DISTRIBUTION EXPANSION	CONVEYANCE/TRANSMISSION PIPELINE	\$117,720,162
West Harris County Regional Water Authority	YES	2030	WHCRWA/NFBWA TRANSMISSION LINE	CONVEYANCE/TRANSMISSION PIPELINE	\$720,886,046
West Harris County Regional Water Authority	YES	2030	WUG INFRASTRUCTURE EXPANSION - WHCRWA DISTRICTS	CONVEYANCE/TRANSMISSION PIPELINE; PUMP STATION; STORAGE TANK	\$157,621,151
West University Place	NO	2020	MUNICIPAL CONSERVATION, WEST UNIVERSITY PLACE	CONSERVATION - MUNICIPAL (DOES NOT INCLUDE METER REPLACEMENT OR WATER LOSS)	\$6,438,897
Westwood North WSC	NO	2020	MUNICIPAL CONSERVATION, WESTWOOD NORTH WSC	CONSERVATION - MUNICIPAL (DOES NOT INCLUDE METER REPLACEMENT OR WATER LOSS)	\$743,885
Westwood North WSC	NO	2030	WUG INFRASTRUCTURE EXPANSION - WESTWOOD NORTH WSC	CONVEYANCE/TRANSMISSION PIPELINE; PUMP STATION; STORAGE TANK	\$10,475,383
Westwood Shores MUD	NO	2020	MUNICIPAL CONSERVATION, WESTWOOD SHORES MUD	CONSERVATION - MUNICIPAL (DOES NOT INCLUDE METER REPLACEMENT OR WATER LOSS)	\$452,780
Westwood Shores MUD	NO	2020	WESTWOOD SHORES REUSE INFRASTRUCTURE	CONVEYANCE/TRANSMISSION PIPELINE; PUMP STATION; STORAGE TANK; WATER TREATMENT PLANT EXPANSION	\$2,031,251
White Oak Utilities	NO	2020	MUNICIPAL CONSERVATION, WHITE OAK UTILITIES	CONSERVATION - MUNICIPAL (DOES NOT INCLUDE METER REPLACEMENT OR WATER LOSS)	\$530,299
White Oak WSC	NO	2020	MUNICIPAL CONSERVATION, WHITE OAK WSC	CONSERVATION - MUNICIPAL (DOES NOT INCLUDE METER REPLACEMENT OR WATER LOSS)	\$203,451
Willis	NO	2020	MUNICIPAL CONSERVATION, WILLIS	CONSERVATION - MUNICIPAL (DOES NOT INCLUDE METER REPLACEMENT OR WATER LOSS)	\$1,526,672
Willis	NO	2030	WUG INFRASTRUCTURE EXPANSION (GROUNDWATER) - WILLIS	CONVEYANCE/TRANSMISSION PIPELINE; NEW WATER TREATMENT PLANT; SINGLE WELL; STORAGE TANK	\$7,302,385
Wood Branch Village	NO	2020	MUNICIPAL CONSERVATION, WOOD BRANCH VILLAGE	CONSERVATION - MUNICIPAL (DOES NOT INCLUDE METER REPLACEMENT OR WATER LOSS)	\$91,110
Wood Branch Village	NO	2050	WUG INFRASTRUCTURE EXPANSION (GROUNDWATER) - WOOD BRANCH VILLAGE	CONVEYANCE/TRANSMISSION PIPELINE; NEW WATER TREATMENT PLANT; SINGLE WELL; STORAGE TANK	\$5,389,221
Woodcreek MUD	NO	2020	MUNICIPAL CONSERVATION, WOODCREEK MUD	CONSERVATION - MUNICIPAL (DOES NOT INCLUDE METER REPLACEMENT OR WATER LOSS)	\$560,771
Woodcreek MUD	NO	2040	WUG INFRASTRUCTURE EXPANSION - WOODCREEK MUD	CONVEYANCE/TRANSMISSION PIPELINE; STORAGE TANK; PUMP STATION	\$10,162,348
Woodcreek Water Of Liberty	NO	2020	MUNICIPAL CONSERVATION, WOODCREEK WATER OF LIBERTY	CONSERVATION - MUNICIPAL (DOES NOT INCLUDE METER REPLACEMENT OR WATER LOSS)	\$835,962
Woodcreek Water Of Liberty	NO	2030	WUG INFRASTRUCTURE EXPANSION (GROUNDWATER) - WOODCREEK WATER OF LIBERTY	SINGLE WELL; CONVEYANCE/TRANSMISSION PIPELINE; NEW WATER TREATMENT PLANT; STORAGE TANK	\$5,389,221

Region H Recommended Projects Associated with Water Management Strategies

REGION H RECOMMENDED CAPITAL COST TOTAL		\$20,120,085,807
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Region H Water User Group (WUG) Management Supply Factor

WUG supplies and projected demands are entered for each of a WUG's region-county-basin divisions. To calculate the Management Supply Factor for each WUG as a whole, not split by region-county-basin, the combined total of existing and future supply is divided by the total projected demand. If a WUG is split by more than one planning region, the whole WUG's management supply factor will show up in each of its planning region's management supply factor reports.

WUG NAME	WUG MANAGEMENT SUPPLY FACTOR					
	2020	2030	2040	2050	2060	2070
Alvin	1.0	1.1	1.1	1.1	1.1	1.1
Anahuac	4.0	4.1	4.2	4.3	4.3	4.2
Angleton	1.2	4.6	4.7	4.8	4.8	4.8
Austin County WSC	1.0	1.1	1.1	1.1	1.1	1.1
Bacliff MUD	2.1	2.8	2.8	2.7	2.7	2.7
Baker Road MUD	1.0	1.0	1.0	1.0	1.0	1.0
Baybrook MUD 1	8.2	8.0	7.2	6.7	6.3	6.0
Baytown	1.3	2.0	2.0	2.0	2.0	1.9
Bayview MUD	2.5	3.0	2.9	2.8	2.7	2.6
Bellaire	1.0	1.0	1.0	1.1	1.1	1.1
Bellville	1.0	1.0	1.1	1.1	1.1	1.1
Blue Bell Manor Utility	1.0	1.0	1.0	1.0	1.0	1.0
Blue Ridge West MUD	1.0	1.0	1.1	1.2	1.2	1.2
Bolivar Peninsula SUD	28.2	22.6	17.9	14.1	11.0	8.5
Brazoria	1.1	1.2	1.2	1.2	1.2	1.2
Brazoria County MUD 2	1.0	1.1	1.1	1.1	1.1	1.1
Brazoria County MUD 21	1.0	1.0	1.1	1.1	1.1	1.1
Brazoria County MUD 25	1.0	1.3	1.3	1.3	1.3	1.2
Brazoria County MUD 29	1.0	1.3	1.3	1.3	1.3	1.3
Brazoria County MUD 3	1.0	1.1	1.1	1.1	1.1	1.1
Brazoria County MUD 31	1.0	1.0	1.1	1.1	1.1	1.1
Brazoria County MUD 6	1.0	1.0	1.0	1.0	1.0	1.0
Brookshire MWD	1.0	1.1	1.1	1.1	1.1	1.2
Buffalo	1.0	1.1	1.1	1.1	1.1	1.1
Bunker Hill Village	1.0	1.0	1.0	1.0	1.0	1.0
Cape Royale UD	1.0	1.1	1.1	1.1	1.1	1.1
Centerville	1.0	1.1	1.1	1.1	1.1	1.1
Central Harris County Regional Water Authority	1.2	1.8	1.6	1.6	1.5	1.5
Chambers County MUD 1	1.0	1.1	1.1	1.1	1.1	1.1
Chateau Woods MUD	1.0	1.0	1.1	1.1	1.1	1.1
Chimney Hill MUD	1.1	1.1	1.1	1.2	1.2	1.2
Clear Brook City MUD	1.8	1.9	1.7	1.7	1.6	1.6
Clear Lake City Water Authority	1.6	1.6	1.5	1.4	1.4	1.3
Cleveland	1.1	1.1	1.1	1.1	1.1	1.1
Clute	1.0	1.0	1.0	1.0	1.1	1.1
Concord-Robbins WSC	1.0	1.1	1.0	1.0	1.0	1.0
Conroe	1.1	1.1	1.1	1.1	1.0	1.0
Corinthian Point MUD 2	1.6	1.5	1.4	1.4	1.4	1.4
Country Terrace Water	1.1	1.1	1.1	1.1	1.0	1.0
County-Other, Austin	1.0	1.2	1.1	1.2	1.1	1.1
County-Other, Brazoria	1.1	1.4	1.3	1.3	1.1	1.0
County-Other, Chambers	1.7	1.6	1.5	1.4	1.3	1.3
County-Other, Fort Bend	1.2	1.4	1.2	1.1	1.1	1.1
County-Other, Galveston	1.0	1.1	1.2	1.3	1.5	1.6

*A single asterisk next to a WUG's name denotes that the WUG is split by more than one planning region.

Region H Water User Group (WUG) Management Supply Factor

WUG NAME	WUG MANAGEMENT SUPPLY FACTOR					
	2020	2030	2040	2050	2060	2070
County-Other, Harris	1.0	1.0	1.0	1.0	1.0	1.0
County-Other, Leon	1.1	1.1	1.1	1.2	1.2	1.2
County-Other, Liberty	1.0	1.1	1.1	1.1	1.2	1.2
County-Other, Madison	1.0	1.1	1.1	1.1	1.2	1.2
County-Other, Montgomery	1.0	1.1	1.0	1.0	1.0	1.0
County-Other, Polk*	1.2	1.2	1.3	1.3	1.3	1.3
County-Other, San Jacinto	1.0	1.1	1.1	1.1	1.1	1.1
County-Other, Trinity*	1.9	1.9	1.9	2.0	1.9	1.8
County-Other, Walker	1.9	1.9	1.9	2.0	1.9	1.9
County-Other, Waller	1.2	1.0	1.2	1.0	1.1	1.0
Crosby MUD	3.0	3.0	3.0	2.9	2.9	2.9
Cut & Shoot	1.0	1.1	1.1	1.1	1.1	1.1
Daisetta	1.0	1.1	1.1	1.1	1.1	1.1
Danbury	1.0	1.1	1.1	1.1	1.1	1.1
Dayton	1.0	1.0	1.0	1.0	1.1	1.1
Deer Park	1.1	1.1	1.2	1.2	1.2	1.2
Devers	1.0	1.0	1.0	1.0	1.0	1.0
Dobbin Plantersville WSC*	1.1	1.1	1.0	1.0	1.0	1.0
Dodge Oakhurst WSC	1.0	1.0	1.1	1.1	1.1	1.1
Domestic Water	1.0	1.1	1.1	1.1	1.1	1.1
Douglas Utility	1.0	1.0	1.0	1.0	1.0	1.0
East Plantation UD	1.0	1.0	1.0	1.1	1.1	1.1
El Dorado UD	1.0	1.0	1.0	1.0	1.0	1.0
Far Hills UD	1.6	1.5	1.4	1.4	1.4	1.4
First Colony MUD 9	1.0	1.0	1.1	1.2	1.2	1.2
Flo Community WSC*	1.0	1.1	1.1	1.1	1.2	1.2
Forest Hills MUD	1.1	1.0	1.0	1.0	1.0	1.0
Fort Bend County FWSD 1	1.0	1.0	1.0	1.0	1.0	1.0
Fort Bend County FWSD 2	1.0	1.1	1.1	1.1	1.1	1.1
Fort Bend County MUD 115	1.0	1.0	1.1	1.1	1.1	1.1
Fort Bend County MUD 116	1.0	1.0	1.0	1.0	1.0	1.0
Fort Bend County MUD 121	1.0	1.0	1.0	1.1	1.1	1.1
Fort Bend County MUD 128	2.0	2.5	2.5	2.5	2.6	2.6
Fort Bend County MUD 129	1.0	1.0	1.0	1.0	1.0	1.0
Fort Bend County MUD 140	1.0	1.0	1.0	1.0	1.0	1.0
Fort Bend County MUD 149	1.0	1.1	1.1	1.1	1.1	1.1
Fort Bend County MUD 152	1.0	1.1	1.1	1.1	1.1	1.1
Fort Bend County MUD 155	1.0	1.1	1.1	1.1	1.1	1.1
Fort Bend County MUD 158	1.0	1.1	1.1	1.1	1.1	1.1
Fort Bend County MUD 162	1.0	1.1	1.1	1.1	1.1	1.1
Fort Bend County MUD 187	1.1	1.0	1.0	1.1	1.1	1.1
Fort Bend County MUD 23	1.0	1.1	1.1	1.2	1.3	1.3
Fort Bend County MUD 24	1.0	1.1	1.1	1.3	1.3	1.3
Fort Bend County MUD 25	1.1	1.6	1.6	1.6	1.6	1.5
Fort Bend County MUD 26	1.0	1.0	1.1	1.2	1.2	1.3
Fort Bend County MUD 42	1.0	1.0	1.1	1.2	1.3	1.3
Fort Bend County MUD 46	1.7	1.1	1.1	1.1	1.1	1.1
Fort Bend County MUD 47	1.7	1.1	1.1	1.1	1.1	1.1

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Region H Water User Group (WUG) Management Supply Factor

WUG NAME	WUG MANAGEMENT SUPPLY FACTOR					
	2020	2030	2040	2050	2060	2070
Fort Bend County MUD 48	1.0	1.0	1.0	1.1	1.1	1.1
Fort Bend County MUD 49	1.3	1.0	1.0	1.0	1.0	1.1
Fort Bend County MUD 5	1.0	1.1	1.1	1.1	1.1	1.1
Fort Bend County MUD 81	1.0	1.0	1.1	1.1	1.1	1.1
Fort Bend County WCID 2	1.3	1.2	1.3	1.2	1.2	1.1
Fort Bend County WCID 3	1.0	1.0	1.0	1.0	1.0	1.0
Freeport	1.4	1.4	1.4	1.4	1.3	1.3
Friendswood	1.9	1.8	1.8	1.7	1.6	1.5
Fulshear	1.0	1.0	1.0	1.0	1.0	1.0
G & W WSC*	1.1	1.1	1.1	1.1	1.1	1.0
Galena Park	1.2	1.3	1.3	1.3	1.3	1.2
Galveston	1.2	1.9	1.9	1.8	1.8	1.8
Galveston County FWSD 6	1.0	1.2	1.2	1.2	1.2	1.2
Galveston County MUD 12	1.6	2.1	2.1	2.2	2.2	2.2
Galveston County WCID 1	1.1	1.4	1.3	1.2	1.2	1.1
Galveston County WCID 12	1.0	1.0	1.0	1.0	1.0	1.0
Galveston County WCID 8	1.9	2.4	2.4	2.4	2.4	2.3
Glendale WSC	1.4	1.3	1.3	1.4	1.4	1.3
Green Trails MUD	1.0	1.0	1.0	1.0	1.0	1.0
Greenwood UD	1.1	1.2	1.2	1.2	1.3	1.3
Groveton*	7.6	7.4	7.7	8.0	7.8	7.5
Gulf Utility	1.0	1.0	1.1	1.1	1.1	1.1
Hardin WSC	1.0	1.1	1.1	1.1	1.1	1.1
Harris County FWSD 1-A	1.5	1.5	1.5	1.5	1.5	1.5
Harris County FWSD 27	1.2	1.2	1.2	1.1	1.1	1.1
Harris County FWSD 58	1.0	1.0	1.0	1.0	1.0	1.0
Harris County MUD 106	1.0	1.0	1.0	1.0	1.0	1.0
Harris County MUD 11	1.1	1.0	1.0	1.0	1.0	1.0
Harris County MUD 119	1.1	1.0	1.0	1.0	1.0	1.0
Harris County MUD 122	1.0	1.0	1.1	1.1	1.1	1.1
Harris County MUD 132	1.0	1.0	1.0	1.0	1.0	1.0
Harris County MUD 148	1.0	1.1	1.1	1.0	1.0	1.0
Harris County MUD 151	1.0	1.0	1.0	1.0	1.0	1.0
Harris County MUD 152	1.0	1.0	1.0	1.0	1.0	1.0
Harris County MUD 153	1.0	1.0	1.0	1.0	1.0	1.0
Harris County MUD 154	1.0	1.0	1.0	1.0	1.0	1.0
Harris County MUD 158	1.0	1.1	1.1	1.1	1.1	1.1
Harris County MUD 180	1.0	1.0	1.0	1.0	1.0	1.0
Harris County MUD 189	1.0	1.0	1.0	1.0	1.0	1.0
Harris County MUD 216	1.0	1.0	1.0	1.0	1.0	1.0
Harris County MUD 221	1.0	1.0	1.0	1.0	1.0	1.0
Harris County MUD 23	1.0	1.1	1.1	1.1	1.1	1.1
Harris County MUD 278	1.7	1.2	1.1	1.1	1.1	1.1
Harris County MUD 290	1.0	1.0	1.0	1.0	1.0	1.0
Harris County MUD 321	1.0	1.0	1.0	1.0	1.1	1.1
Harris County MUD 342	1.0	1.0	1.0	1.0	1.0	1.0
Harris County MUD 344	1.1	1.0	1.0	1.0	1.0	1.0
Harris County MUD 345	1.0	1.0	1.0	1.0	1.0	1.0

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Region H Water User Group (WUG) Management Supply Factor

WUG NAME	WUG MANAGEMENT SUPPLY FACTOR					
	2020	2030	2040	2050	2060	2070
Harris County MUD 36	1.0	1.0	1.0	1.0	1.0	1.0
Harris County MUD 361	1.0	1.0	1.1	1.1	1.1	1.1
Harris County MUD 372	1.2	1.0	1.0	1.0	1.0	1.0
Harris County MUD 400	1.0	1.0	1.0	1.0	1.0	1.0
Harris County MUD 412	2.2	1.9	1.6	1.6	1.5	1.5
Harris County MUD 420	1.0	1.1	1.1	1.1	1.1	1.1
Harris County MUD 46	1.0	1.0	1.0	1.0	1.0	1.0
Harris County MUD 49	1.6	1.3	1.1	1.1	1.1	1.1
Harris County MUD 5	1.0	1.1	1.1	1.1	1.1	1.1
Harris County MUD 50	1.7	1.8	1.8	1.8	1.8	1.9
Harris County MUD 55	2.9	2.9	2.9	2.8	2.6	2.5
Harris County MUD 58	1.0	1.0	1.0	1.0	1.0	1.0
Harris County MUD 6	1.2	1.0	1.0	1.0	1.0	1.0
Harris County MUD 8	1.4	1.5	1.5	1.5	1.6	1.6
Harris County MUD 96	1.0	1.1	1.1	1.1	1.1	1.1
Harris County UD 14	1.0	1.0	1.0	1.0	1.0	1.0
Harris County UD 15	1.0	1.0	1.0	1.0	1.0	1.0
Harris County WCID 1	1.2	1.3	1.3	1.3	1.3	1.3
Harris County WCID 133	1.0	1.0	1.0	1.0	1.0	1.0
Harris County WCID 156	1.1	1.1	1.1	1.1	1.1	1.1
Harris County WCID 50	1.0	1.1	1.1	1.1	1.1	1.1
Harris County WCID 70	1.0	1.0	1.0	1.0	1.0	1.0
Harris County WCID 74	1.0	1.0	1.0	1.0	1.0	1.0
Harris County WCID 89	5.9	6.0	6.1	6.1	6.2	6.1
Harris County WCID 96	2.3	2.0	1.8	1.8	1.8	1.8
Harris County WCID-Fondren Road	1.1	1.1	1.1	1.1	1.1	1.1
Harris-Montgomery Counties MUD 386	1.4	1.1	1.1	1.1	1.1	1.1
Hempstead	1.0	1.0	1.0	1.0	1.0	1.0
Hillcrest Village	1.0	1.1	1.1	1.1	1.1	1.1
Hilltop Lakes WSC	1.0	1.0	1.1	1.1	1.1	1.1
Hilshire Village	1.0	1.0	1.0	1.1	1.0	1.1
Hitchcock	1.5	1.7	1.6	1.5	1.4	1.4
HMW SUD	1.0	1.0	1.0	1.0	1.0	1.0
Houston	1.0	1.0	1.4	1.8	1.8	1.7
Humble	1.0	1.1	1.1	1.1	1.1	1.1
Huntsville	2.9	2.8	2.8	2.8	2.7	2.7
Irrigation, Austin	1.5	1.5	1.5	1.5	1.5	1.5
Irrigation, Brazoria	0.6	0.6	0.6	0.6	0.6	0.6
Irrigation, Chambers	1.3	1.4	1.6	1.6	1.6	1.6
Irrigation, Fort Bend	1.2	1.2	1.2	1.2	1.2	1.2
Irrigation, Galveston	0.5	0.5	0.5	0.5	0.5	0.5
Irrigation, Harris	1.6	1.6	1.6	1.6	1.6	1.6
Irrigation, Leon	1.0	1.0	1.0	1.0	1.0	1.0
Irrigation, Liberty	1.8	1.9	2.7	2.7	2.7	2.7
Irrigation, Madison	2.4	2.4	2.4	2.4	2.4	2.4
Irrigation, Montgomery	1.2	1.2	1.2	1.2	1.2	1.2
Irrigation, Polk*	1.1	1.1	1.1	1.1	1.1	1.1
Irrigation, San Jacinto	1.8	1.8	1.8	1.8	1.8	1.8

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Region H Water User Group (WUG) Management Supply Factor

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Irrigation, Trinity*	1.1	1.1	1.1	1.1	1.1	1.1
Irrigation, Walker	1.0	1.0	1.0	1.0	1.0	1.0
Irrigation, Waller	1.4	1.4	1.4	1.4	1.4	1.4
Jacinto City	1.7	1.7	1.7	1.7	1.7	1.6
Jamaica Beach	1.0	1.0	1.0	1.0	1.0	1.1
Jersey Village	1.2	1.1	1.1	1.1	1.1	1.1
Jewett	1.0	1.0	1.0	1.1	1.1	1.1
Johnston Water Utility	1.0	1.0	1.0	1.0	1.0	1.0
Katy	1.0	1.0	1.0	1.0	1.0	1.0
Kendleton	1.0	1.1	1.1	1.2	1.2	1.2
Kings Manor MUD	1.1	1.1	1.1	1.1	1.1	1.1
Kirkmont MUD	1.0	1.0	1.0	1.1	1.1	1.1
La Marque	1.0	1.1	1.1	1.2	1.2	1.2
La Porte	1.8	1.8	1.8	1.8	1.8	1.8
Lake Bonanza WSC	1.0	1.1	1.1	1.1	1.0	1.0
Lake Conroe Hills MUD	1.0	1.1	1.1	1.1	1.1	1.1
Lake Jackson	1.0	1.2	1.2	1.2	1.2	1.2
Lake Livingston WSC*	1.9	1.9	1.8	1.8	1.7	1.7
Lake MUD	3.6	3.6	3.7	3.7	3.7	3.8
Lazy River Improvement District	1.0	1.0	1.0	1.0	1.0	1.0
League City	1.7	3.1	2.9	2.8	2.7	2.7
Leggett WSC	1.0	1.1	1.1	1.2	1.2	1.2
Liberty	1.0	1.1	1.1	1.1	1.2	1.2
Liberty County FWSD 1 Hull	1.0	1.1	1.1	1.1	1.1	1.1
Livestock, Austin	1.0	1.0	1.0	1.0	1.0	1.0
Livestock, Brazoria	1.0	1.0	1.0	1.0	1.0	1.0
Livestock, Chambers	1.0	1.0	1.0	1.0	1.0	1.0
Livestock, Fort Bend	1.0	1.0	1.0	1.0	1.0	1.0
Livestock, Galveston	0.1	0.1	0.1	0.1	0.1	0.1
Livestock, Harris	0.7	0.4	0.2	0.2	0.2	0.2
Livestock, Leon	1.0	1.0	1.0	1.0	1.0	1.0
Livestock, Liberty	1.2	1.2	1.2	1.2	1.2	1.2
Livestock, Madison	1.0	1.0	1.0	1.0	1.0	1.0
Livestock, Montgomery	1.0	1.0	1.0	1.0	1.0	1.0
Livestock, Polk*	1.6	1.6	1.6	1.6	1.6	1.6
Livestock, San Jacinto	1.0	1.0	1.0	1.0	1.0	1.0
Livestock, Trinity*	1.7	1.7	1.7	1.7	1.7	1.7
Livestock, Walker	1.0	1.0	1.0	1.0	1.0	1.0
Livestock, Waller	1.0	1.0	1.0	1.0	1.0	1.0
Livingston	2.2	2.0	1.9	1.8	1.8	1.7
Longhorn Town UD	1.0	1.0	1.0	1.0	1.0	1.0
Luce Bayou PUD	1.0	1.0	1.0	1.0	1.0	1.0
Madison County WSC	1.0	1.1	1.1	1.1	1.1	1.1
Madisonville	1.0	1.1	1.1	1.1	1.1	1.1
Magnolia	1.0	1.0	1.0	1.0	1.0	1.0
Manufacturing, Austin	1.0	1.0	1.0	1.0	1.0	1.0
Manufacturing, Brazoria	1.3	1.5	1.6	1.6	1.6	1.6
Manufacturing, Chambers	2.1	1.8	1.8	1.8	1.8	1.8

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Region H Water User Group (WUG) Management Supply Factor

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	2020	2030	2040	2050	2060	2070
Manufacturing, Fort Bend	1.3	1.1	1.1	1.1	1.1	1.1
Manufacturing, Galveston	1.4	1.5	1.7	1.7	1.7	1.7
Manufacturing, Harris	1.4	1.3	1.3	1.3	1.3	1.3
Manufacturing, Leon	1.1	1.0	1.0	1.0	1.0	1.0
Manufacturing, Liberty	1.0	1.0	1.0	1.0	1.0	1.0
Manufacturing, Montgomery	1.0	1.0	1.0	1.0	1.0	1.0
Manufacturing, Polk*	1.1	1.0	1.0	1.0	1.0	1.0
Manufacturing, San Jacinto	1.0	1.0	1.0	1.0	1.0	1.0
Manufacturing, Walker	2.4	2.1	2.1	2.1	2.1	2.1
Manufacturing, Waller	1.1	1.1	1.1	1.1	1.1	1.1
Manvel	1.1	1.2	1.2	1.2	1.2	1.2
Mason Creek UD	1.0	1.0	1.0	1.0	1.0	1.0
Meadowcreek MUD	1.0	1.0	1.1	1.3	1.3	1.3
Meadows Place	1.1	1.0	1.0	1.1	1.1	1.1
Memorial Point UD	1.1	1.1	1.2	1.2	1.2	1.3
Memorial Villages Water Authority	1.0	1.0	1.0	1.0	1.0	1.0
Mercy WSC	1.1	1.1	1.1	1.2	1.2	1.2
Mining, Austin	1.0	1.5	1.9	2.5	3.6	4.9
Mining, Brazoria	1.0	1.0	1.0	1.0	1.0	1.0
Mining, Chambers	1.0	1.0	1.0	1.0	1.0	1.0
Mining, Fort Bend	6.3	6.0	7.7	10.1	14.7	21.3
Mining, Galveston	1.0	1.0	1.0	1.0	1.0	1.0
Mining, Harris	1.0	1.0	1.0	1.0	1.0	1.0
Mining, Leon	1.0	1.0	1.1	1.1	1.2	1.3
Mining, Liberty	1.0	2.1	2.1	2.0	1.9	1.7
Mining, Madison	1.0	1.0	1.3	1.7	2.2	3.1
Mining, Montgomery	1.0	1.0	1.0	1.0	1.0	1.0
Mining, Polk*	1.0	1.0	1.2	1.6	3.3	7.5
Mining, San Jacinto	1.0	1.0	1.0	1.0	1.0	1.0
Mining, Trinity*	1.0	1.0	1.0	1.0	1.0	1.0
Mining, Walker	1.0	1.0	1.0	1.0	1.0	1.0
Mining, Waller	1.0	1.0	1.0	1.0	1.0	1.0
Missouri City	1.0	18.7	16.7	15.0	13.6	12.4
Mont Belvieu	1.0	1.0	1.2	1.0	1.2	1.0
Montgomery	1.4	1.0	1.0	1.0	1.0	1.0
Montgomery County MUD 112	1.0	1.0	1.0	1.0	1.0	1.0
Montgomery County MUD 115	1.0	1.1	1.1	1.1	1.0	1.0
Montgomery County MUD 119	1.0	1.0	1.0	1.0	1.0	1.0
Montgomery County MUD 15	1.0	1.0	1.0	1.0	1.0	1.0
Montgomery County MUD 18	1.5	1.2	1.1	1.0	1.0	1.0
Montgomery County MUD 19	1.0	1.0	1.0	1.0	1.0	1.0
Montgomery County MUD 56	1.0	1.0	1.0	1.0	1.0	1.0
Montgomery County MUD 8	5.0	4.8	4.4	4.0	3.7	3.1
Montgomery County MUD 83	1.0	1.0	1.0	1.0	1.1	1.1
Montgomery County MUD 84	1.0	1.1	1.1	1.1	1.1	1.1
Montgomery County MUD 88	1.0	1.1	1.1	1.1	1.0	1.0
Montgomery County MUD 89	1.0	1.0	1.0	1.0	1.0	1.0
Montgomery County MUD 9	2.7	2.7	2.4	2.2	2.2	2.2

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	2020	2030	2040	2050	2060	2070
Montgomery County MUD 95	1.0	2.0	1.8	1.8	1.7	1.6
Montgomery County MUD 98	1.5	1.2	1.0	1.0	1.0	1.1
Montgomery County MUD 99	1.0	1.0	1.0	1.0	1.0	1.0
Montgomery County UD 2	1.0	1.5	1.5	1.4	1.3	1.2
Montgomery County UD 3	1.7	1.6	1.6	1.6	1.6	1.5
Montgomery County UD 4	1.6	1.4	1.4	1.3	1.1	1.0
Montgomery County WCID 1	1.0	1.1	1.1	1.1	1.0	1.0
Morgans Point	4.1	3.8	3.6	3.4	3.2	3.1
Moscow WSC*	1.4	1.2	1.2	1.1	1.1	1.0
Mount Houston Road MUD	1.0	1.0	1.0	1.0	1.0	1.0
MSEC Enterprises	1.0	1.0	1.0	1.0	1.0	1.0
Nassau Bay	2.2	2.3	2.3	2.2	2.2	2.2
Needville	1.0	1.1	1.1	1.1	1.1	1.1
New Caney MUD	1.0	1.1	1.1	1.1	1.1	1.1
New Waverly	1.0	1.1	1.1	1.1	1.1	1.1
Newport MUD	1.6	1.3	1.1	1.1	1.1	1.1
Normangee	1.0	1.1	1.1	1.1	1.1	1.1
North Belt UD	1.0	1.0	1.0	1.0	1.0	1.0
North Channel Water Authority	1.1	1.1	1.1	1.1	1.1	1.1
North Forest MUD	1.1	1.0	1.0	1.0	1.0	1.0
North Fort Bend Water Authority	1.1	1.4	1.2	1.2	1.1	1.1
North Green MUD	1.0	1.0	1.0	1.0	1.0	1.0
North Harris County Regional Water Authority	1.0	1.8	1.5	1.5	1.5	1.4
North Zulch MUD	1.0	1.1	1.1	1.1	1.1	1.1
Northwest Harris County MUD 16	1.0	1.0	1.0	1.0	1.0	1.0
Oak Hollow Utility	1.0	1.1	1.1	1.1	1.1	1.1
Oak Ridge North	1.0	1.0	1.1	1.1	1.0	1.0
Onalaska WSC	1.0	1.1	1.1	1.1	1.1	1.1
One Five O WSC	1.0	1.1	1.1	1.1	1.1	1.2
Oyster Creek	1.0	1.1	1.1	1.1	1.1	1.1
P B & S C WSC	1.0	1.0	1.1	1.1	1.1	1.1
Palmer Plantation MUD 1	1.0	1.0	1.1	1.2	1.3	1.3
Palmer Plantation MUD 2	1.0	1.0	1.1	1.2	1.2	1.2
Panorama Village	1.0	1.0	1.0	1.0	1.0	1.0
Parkway MUD	1.0	1.1	1.1	1.1	1.1	1.1
Pasadena	2.1	2.2	2.2	2.1	2.1	2.1
Pattison WSC	1.0	1.0	1.0	1.0	1.1	1.1
Pearland	1.3	2.5	2.3	2.2	2.1	2.1
Pecan Grove MUD 1	3.5	3.3	3.4	3.4	3.4	3.4
Pennington WSC*	1.3	1.3	1.3	1.4	1.4	1.3
Phelps SUD	1.0	1.0	1.1	1.1	1.1	1.1
Pine Village PUD	1.0	1.1	1.1	1.1	1.1	1.1
Pinehurst Decker Prairie WSC	1.0	1.0	1.0	1.0	1.0	1.0
Pinewood Community	1.0	1.0	1.0	1.0	1.0	1.0
Plantation MUD	1.0	1.1	1.1	1.1	1.1	1.1
Point Aquarius MUD	2.4	2.4	2.3	2.2	2.1	2.0
Porter SUD	1.3	1.3	1.0	1.0	1.0	1.0
Prairie View	1.0	1.0	1.0	1.0	1.0	1.0

*A single asterisk next to a WUG's name denotes that the WUG is split by more than one planning region.

Region H Water User Group (WUG) Management Supply Factor

WUG NAME	WUG MANAGEMENT SUPPLY FACTOR					
	2020	2030	2040	2050	2060	2070
Prairie View A&M University	1.0	1.0	1.0	1.0	1.0	1.0
Providence WSC	1.0	1.0	1.0	1.0	1.0	1.0
Quadvest	1.0	1.1	1.0	1.0	1.0	1.0
Quail Valley UD	1.4	1.1	1.0	1.1	1.1	1.1
Ranch Utilities	1.0	1.0	1.1	1.1	1.1	1.1
Rayford Road MUD	1.0	1.0	1.0	1.1	1.0	1.0
Richmond	1.1	1.0	1.0	1.0	1.0	1.0
Richwood	1.0	1.6	1.7	1.7	1.7	1.6
River Plantation MUD	1.3	1.3	1.0	1.0	1.0	1.0
Riverside WSC	1.0	1.0	1.0	1.0	1.0	1.0
Rolling Fork PUD	1.1	1.0	1.0	1.0	1.0	1.0
Roman Forest Consolidated MUD	1.0	1.1	1.1	1.1	1.1	1.1
Rosenberg	1.4	1.6	1.5	1.4	1.4	1.3
Royal Valley Utilities	1.0	1.0	1.0	1.0	1.0	1.0
Sagemeadow UD	1.5	1.4	1.4	1.3	1.2	1.1
San Jacinto SUD	2.2	2.1	2.1	2.1	2.0	2.0
San Leon MUD	4.2	4.8	4.5	4.3	4.0	3.8
Seabrook	1.1	1.1	1.1	1.1	1.1	1.1
Sealy	1.0	1.0	1.0	1.0	1.1	1.1
Sedona Lakes MUD 1	1.0	1.1	1.1	1.1	1.1	1.1
Sequoia Improvement District	1.0	1.0	1.0	1.0	1.0	1.0
Shenandoah	1.0	1.0	1.0	1.0	1.0	1.0
Shepherd	1.0	1.1	1.1	1.1	1.1	1.1
Shoreacres	1.3	1.3	1.3	1.3	1.2	1.2
Sienna Plantation	2.3	2.2	1.8	1.5	1.4	1.3
Soda WSC*	1.0	1.1	1.1	1.1	1.1	1.1
South Cleveland WSC	1.0	1.1	1.1	1.1	1.1	1.1
South Houston	2.4	2.5	2.5	2.5	2.5	2.4
Southeast WSC	1.0	1.1	1.1	1.2	1.2	1.2
Southern Montgomery County MUD	1.0	1.0	1.1	1.1	1.1	1.1
Southern Water	1.0	1.0	1.0	1.0	1.0	1.0
Southside Place	1.0	1.0	1.0	1.0	1.0	1.1
Southwest Harris County MUD 1	1.3	1.1	1.1	1.1	1.1	1.1
Splendor	1.0	1.1	1.1	1.1	1.2	1.2
Spring Creek UD	1.0	1.1	1.1	1.1	1.0	1.0
Spring Meadows MUD	1.0	1.1	1.1	1.1	1.1	1.1
Spring Valley	1.5	1.2	1.0	1.0	1.0	1.0
Stanley Lake MUD	1.6	1.5	1.1	1.0	1.0	1.0
Steam-Electric Power, Chambers	1.0	1.0	1.0	1.0	1.0	1.0
Steam-Electric Power, Fort Bend	1.7	1.6	1.6	1.6	1.6	1.6
Steam-Electric Power, Harris	1.0	1.0	1.0	1.0	1.0	1.0
Steam-Electric Power, Montgomery	2.6	2.6	2.6	2.6	2.6	2.6
Suburban Utility	1.0	1.0	1.0	1.0	1.0	1.0
Sugar Land	1.2	1.1	1.2	1.2	1.2	1.2
Sunbelt FWSD	1.3	1.1	1.1	1.1	1.1	1.1
Surfside Beach	2.6	2.3	2.4	2.4	2.4	2.4
Sweeny	1.0	1.1	1.1	1.1	1.1	1.1
T & W Water Service	1.0	1.0	1.0	1.0	1.0	1.0

*A single asterisk next to a WUG's name denotes that the WUG is split by more than one planning region.

Region H Water User Group (WUG) Management Supply Factor

WUG NAME	WUG MANAGEMENT SUPPLY FACTOR					
	2020	2030	2040	2050	2060	2070
Tarkington SUD	1.0	1.1	1.1	1.1	1.1	1.1
TDCJ Jester Units	1.0	1.0	1.0	1.0	1.0	1.0
TDCJ Ramsey Area	1.7	1.7	1.7	1.7	1.7	1.7
Tempe WSC 1	1.0	1.1	1.1	1.1	1.1	1.1
Texas City	1.5	3.1	3.0	2.9	2.8	2.7
The Commons Water Supply	1.0	1.0	1.0	1.0	1.0	1.0
The Consolidated WSC*	2.1	2.1	2.2	2.2	2.2	2.2
The Woodlands	1.0	1.0	1.0	1.0	1.0	1.0
Thunderbird UD	1.0	1.0	1.1	1.2	1.3	1.3
Tomball	1.0	1.0	1.0	1.0	1.0	1.0
Trail of the Lakes MUD	1.0	1.0	1.0	1.0	1.0	1.0
Trinity	2.9	2.8	2.9	3.0	2.9	2.8
Trinity Bay Conservation District	1.0	1.0	1.0	1.0	1.0	1.0
Trinity Rural WSC	1.0	1.1	1.1	1.1	1.1	1.1
Valley Ranch MUD 1	1.0	1.0	1.1	1.1	1.1	1.1
Varner Creek UD	1.0	1.1	1.1	1.1	1.1	1.1
Walker County Rural SUD	1.0	1.1	1.1	1.1	1.2	1.2
Waller	1.0	1.1	1.1	1.1	1.2	1.2
Wallis	1.0	1.1	1.1	1.1	1.1	1.1
Waterwood MUD 1	3.8	3.6	3.4	3.2	3.1	3.0
Webster	1.3	1.2	1.2	1.2	1.1	1.1
West Columbia	1.0	1.1	1.1	1.1	1.1	1.1
West End WSC*	1.0	1.0	1.0	1.0	1.0	1.1
West Hardin WSC*	1.0	1.0	1.0	1.0	1.0	1.0
West Harris County MUD 6	1.0	1.0	1.0	1.0	1.0	1.0
West Harris County Regional Water Authority	1.1	2.0	1.7	1.7	1.6	1.6
West University Place	1.0	1.1	1.1	1.1	1.1	1.1
Westwood North WSC	1.0	1.0	1.0	1.1	1.0	1.0
Westwood Shores MUD	4.5	4.3	4.4	4.6	4.4	4.2
White Oak Utilities	1.0	1.1	1.2	1.2	1.2	1.2
White Oak WSC	1.0	1.0	1.1	1.1	1.1	1.1
Willis	2.8	2.8	2.7	2.6	2.4	2.2
Wood Branch Village	1.0	1.3	1.1	1.0	1.0	1.0
Woodcreek MUD	1.0	1.0	1.0	1.0	1.0	1.0
Woodcreek Water Of Liberty	1.0	1.3	1.2	1.2	1.1	1.1

*A single asterisk next to a WUG's name denotes that the WUG is split by more than one planning region.

Region H Recommended Water Management Strategy (WMS) Supply
Associated with a New or Amended Inter-Basin Transfer (IBT) Permit

IBT WMS supply is the portion of the total WMS benefitting WUGs that will require a new or amended IBT permit that is not considered exempt under the Texas Water Code § 11.085.

			IBT WMS SUPPLY (ACRE-FEET PER YEAR)					
WMS NAME	SOURCE BASIN	RECIPIENT WUG BASIN	2020	2030	2040	2050	2060	2070
EAST TEXAS TRANSFER	Sabine	San Jacinto	0	0	0	250,000	250,000	250,000
NEW/EXPANDED CONTRACT WITH LNVA	Neches	Trinity	0	0	16,750	16,750	16,750	16,750
SJRA GRP	Trinity	San Jacinto	0	0	0	0	1,020	7,463

Region H Water User Groups (WUGs)
Recommended Water Management Strategy (WMS) Supply Associated with a
New or Amended Inter-Basin Transfer (IBT) Permit and Total Recommended Conservation WMS Supply

IBT WMS supply is the portion of the total WMS benefitting the WUG basin split listed that will require a new or amended IBT permit that is not considered exempt under the Texas Water Code § 11.085. Total conservation supply represents all conservation WMS volumes recommended within the WUG's region-basin geographic split.

BENEFITTING WUG NAME BASIN	WMS SOURCE ORIGIN BASIN WMS NAME	WMS SUPPLY (ACRE-FEET PER YEAR)					
		2020	2030	2040	2050	2060	2070
Conroe San Jacinto BASIN	Trinity BASIN SJRA GRP	0	0	0	0	0	1,815
	TOTAL RECOMMENDED IBT WMS SUPPLY	0	0	0	0	0	1,815
	TOTAL RECOMMENDED CONSERVATION	356	631	811	1,021	1,261	1,542
Houston San Jacinto BASIN	Sabine BASIN EAST TEXAS TRANSFER	0	0	0	250,000	250,000	250,000
	TOTAL RECOMMENDED IBT WMS SUPPLY	0	0	0	250,000	250,000	250,000
	TOTAL RECOMMENDED CONSERVATION	15,155	30,116	41,728	54,577	65,972	79,923
Irrigation, Liberty Trinity BASIN	Neches BASIN NEW/EXPANDED CONTRACT WITH LNVA	0	0	16,750	16,750	16,750	16,750
	TOTAL RECOMMENDED IBT WMS SUPPLY	0	0	16,750	16,750	16,750	16,750
	TOTAL RECOMMENDED CONSERVATION	8,543	8,543	8,543	8,543	8,543	8,543
Quadvest San Jacinto BASIN	Trinity BASIN SJRA GRP	0	0	0	0	0	2,401
	TOTAL RECOMMENDED IBT WMS SUPPLY	0	0	0	0	0	2,401
	TOTAL RECOMMENDED CONSERVATION	146	262	361	523	751	1,060
The Woodlands San Jacinto BASIN	Trinity BASIN SJRA GRP	0	0	0	0	1,020	3,247
	TOTAL RECOMMENDED IBT WMS SUPPLY	0	0	0	0	1,020	3,247
	TOTAL RECOMMENDED CONSERVATION	174	474	592	789	1,037	1,363

Region H Water User Group (WUG) Strategy Supplies by Water Management Strategy (WMS) Type

WMS TYPE *	STRATEGY SUPPLY (ACRE-FEET PER YEAR)					
	2020	2030	2040	2050	2060	2070
	0	0	0	0	0	0
Agricultural conservation	93,562	93,562	93,562	93,562	93,562	93,562
Aquifer storage and recovery	0	0	0	0	0	9,426
Conjunctive use	4,586	38,876	45,209	46,269	46,648	46,820
Direct potable reuse	0	0	0	0	0	0
Drought management	0	0	0	0	0	0
Groundwater desalination	0	3,110	3,597	3,899	3,698	1,007
Groundwater wells and other	10,562	50,202	64,382	79,552	89,895	100,302
Indirect reuse	10,764	72,237	285,295	313,658	329,031	372,741
Industrial conservation	0	0	0	0	0	0
Municipal conservation	40,429	76,238	100,178	127,630	152,664	187,174
New major reservoir	0	80,000	128,315	131,679	171,842	179,650
Other direct reuse	7,443	36,539	41,264	45,934	51,041	56,066
Other strategies	0	22,400	22,400	22,400	22,400	22,400
Other surface water	84,095	520,263	632,777	865,451	889,272	877,552
Seawater desalination	0	0	11,200	11,200	11,200	11,200
TOTAL STRATEGY SUPPLIES	251,441	993,427	1,428,179	1,741,234	1,861,253	1,957,900

* WMS type descriptions can be found on the interactive state water plan website at <http://texasstatewaterplan.org/> using the 'View data for' drop-down menus to navigate to a specific WMS Type page. The data used to create each WMS type value is available in Appendix 3 of the Guidelines for Regional Water Planning Data Deliverable (Exhibit D) document at http://www.twdb.texas.gov/waterplanning/rwp/planningdocu/2021/doc/current_docs/contract_docs/ExhibitD.pdf.

Region H Water User Group (WUG)
Recommended Water Management Strategy (WMS) Supplies by Source Type

SOURCE SUBTYPE*	STRATEGY SUPPLY (ACRE-FEET PER YEAR)					
	2020	2030	2040	2050	2060	2070
Aquifer Storage and Recovery	0	0	0	0	0	9,426
Groundwater	15,148	92,188	106,403	122,907	133,400	141,279
Groundwater TOTAL STRATEGY SUPPLIES	15,148	92,188	106,403	122,907	133,400	150,705
Direct Non-Potable Reuse	7,443	36,539	41,264	45,934	51,041	56,066
Direct Potable Reuse	0	0	0	0	0	0
Indirect Non-Potable Reuse	0	0	0	0	0	0
Indirect Potable Reuse	10,764	72,237	285,295	313,658	329,031	372,741
Reuse TOTAL STRATEGY SUPPLIES	18,207	108,776	326,559	359,592	380,072	428,807
Atmosphere	0	0	0	0	0	0
Gulf of Mexico	0	0	11,200	11,200	11,200	11,200
Livestock Local Supply	0	0	0	0	0	0
Other Local Supply	0	0	0	0	0	0
Rainwater Harvesting	0	0	0	0	0	0
Reservoir	1,971	140,204	201,833	452,312	487,633	487,238
Reservoir System	70,709	391,294	484,059	469,668	498,381	494,890
Run-of-River	11,415	91,165	104,385	104,363	104,341	104,324
Surface Water TOTAL STRATEGY SUPPLIES	84,095	622,663	801,477	1,037,543	1,101,555	1,097,652
REGION H TOTAL STRATEGY SUPPLIES	117,450	823,627	1,234,439	1,520,042	1,615,027	1,677,164

* A full list of source subtype definitions can be found in section 3 of the Guidelines for Regional Water Planning Data Deliverable (Exhibit D) document at http://www.twdb.texas.gov/waterplanning/rwp/planningdocu/2021/doc/current_docs/contract_docs/ExhibitD.pdf.

Region H Major Water Provider (MWP) Existing Sales and Transfers

Major Water Providers are entities of particular significance to a region's water supply as defined by the Regional Water Planning Group (RWPG), and may be a Water User Group (WUG) entity, Wholesale Water Provider (WWP) entity, or both (WUG/WWP).

Retail denotes WUG projected demands and existing water supplies used by the WUG. Wholesale denotes a WWP or WUG/WWP selling water to another entity.

Brazos River Authority - WWP		WATER VOLUMES (ACRE-Feet PER YEAR)				
DATA DESCRIPTION	2020	2030	2040	2050	2060	2070
PROJECTED WHOLESALE CONTRACT DEMANDS	738,124	738,297	738,542	738,835	739,195	739,463
TOTAL PROJECTED WHOLESALE CONTRACT AND RETAIL DEMANDS	738,124	738,297	738,542	738,835	739,195	739,463
SURFACE WATER SALES TO WHOLESALE CUSTOMERS	692,638	691,508	690,450	689,440	686,275	681,841
TOTAL WHOLESALE AND RETAIL SALES TO CUSTOMERS	692,638	691,508	690,450	689,440	686,275	681,841

Brazosport Water Authority - WWP		WATER VOLUMES (ACRE-Feet PER YEAR)				
DATA DESCRIPTION	2020	2030	2040	2050	2060	2070
PROJECTED WHOLESALE CONTRACT DEMANDS	16,892	16,892	16,892	16,892	16,892	16,892
TOTAL PROJECTED WHOLESALE CONTRACT AND RETAIL DEMANDS	16,892	16,892	16,892	16,892	16,892	16,892
SURFACE WATER SALES TO WHOLESALE CUSTOMERS	16,892	16,892	16,892	16,892	16,892	16,892
TOTAL WHOLESALE AND RETAIL SALES TO CUSTOMERS	16,892	16,892	16,892	16,892	16,892	16,892

Chambers-Liberty Counties Navigation District - WWP		WATER VOLUMES (ACRE-Feet PER YEAR)				
DATA DESCRIPTION	2020	2030	2040	2050	2060	2070
PROJECTED WHOLESALE CONTRACT DEMANDS	62,026	62,026	62,026	62,026	62,026	62,026
TOTAL PROJECTED WHOLESALE CONTRACT AND RETAIL DEMANDS	62,026	62,026	62,026	62,026	62,026	62,026
SURFACE WATER SALES TO WHOLESALE CUSTOMERS	43,227	43,227	43,227	43,227	43,227	43,227
TOTAL WHOLESALE AND RETAIL SALES TO CUSTOMERS	43,227	43,227	43,227	43,227	43,227	43,227

Clear Lake City Water Authority - WUG/WWP		WATER VOLUMES (ACRE-Feet PER YEAR)				
DATA DESCRIPTION	2020	2030	2040	2050	2060	2070
PROJECTED RETAIL WUG DEMANDS	13,087	13,280	14,087	14,808	15,554	16,326
PROJECTED WHOLESALE CONTRACT DEMANDS	4,278	4,300	4,317	4,338	4,357	4,375
TOTAL PROJECTED WHOLESALE CONTRACT AND RETAIL DEMANDS	17,365	17,580	18,404	19,146	19,911	20,701
GROUNDWATER SALES TO RETAIL CUSTOMERS	1,309	1,328	1,409	1,481	1,555	1,633
REUSE SALES TO RETAIL CUSTOMERS	436	436	436	436	436	436
SURFACE WATER SALES TO RETAIL CUSTOMERS	18,127	18,105	18,088	18,067	18,048	18,030
SURFACE WATER SALES TO WHOLESALE CUSTOMERS	4,278	4,300	4,317	4,338	4,357	4,375
TOTAL WHOLESALE AND RETAIL SALES TO CUSTOMERS	24,150	24,169	24,250	24,322	24,396	24,474

Conroe - WUG/WWP		WATER VOLUMES (ACRE-Feet PER YEAR)				
DATA DESCRIPTION	2020	2030	2040	2050	2060	2070
PROJECTED RETAIL WUG DEMANDS	12,828	15,106	17,182	19,141	21,300	23,628
PROJECTED WHOLESALE CONTRACT DEMANDS	2,427	2,427	2,427	2,427	2,427	2,427
TOTAL PROJECTED WHOLESALE CONTRACT AND RETAIL DEMANDS	15,255	17,533	19,609	21,568	23,727	26,055
GROUNDWATER SALES TO RETAIL CUSTOMERS	6,472	6,472	6,472	6,472	6,472	6,472
SURFACE WATER SALES TO RETAIL CUSTOMERS	7,933	7,933	7,933	7,933	7,933	7,933
GROUNDWATER SALES TO WHOLESALE CUSTOMERS	187	187	187	187	187	187
REUSE SALES TO WHOLESALE CUSTOMERS	2,240	2,240	2,240	2,240	2,240	2,240
TOTAL WHOLESALE AND RETAIL SALES TO CUSTOMERS	16,832	16,832	16,832	16,832	16,832	16,832

Dow Inc - WWP		WATER VOLUMES (ACRE-Feet PER YEAR)				
DATA DESCRIPTION	2020	2030	2040	2050	2060	2070

Region H Major Water Provider (MWP) Existing Sales and Transfers

PROJECTED WHOLESALE CONTRACT DEMANDS	164,424	164,092	163,760	163,428	163,096	162,764
TOTAL PROJECTED WHOLESALE CONTRACT AND RETAIL DEMANDS	164,424	164,092	163,760	163,428	163,096	162,764
REUSE SALES TO WHOLESALE CUSTOMERS	3,300	3,300	3,300	3,300	3,300	3,300
SURFACE WATER SALES TO WHOLESALE CUSTOMERS	161,124	160,792	160,460	160,128	159,796	159,464
TOTAL WHOLESALE AND RETAIL SALES TO CUSTOMERS	164,424	164,092	163,760	163,428	163,096	162,764

Galveston - WUG/WWP	WATER VOLUMES (ACRE-FEET PER YEAR)					
DATA DESCRIPTION	2020	2030	2040	2050	2060	2070
PROJECTED RETAIL WUG DEMANDS	16,622	17,422	18,284	19,244	20,164	21,151
PROJECTED WHOLESALE CONTRACT DEMANDS	339	338	338	339	342	345
TOTAL PROJECTED WHOLESALE CONTRACT AND RETAIL DEMANDS	16,961	17,760	18,622	19,583	20,506	21,496
GROUNDWATER SALES TO RETAIL CUSTOMERS	1,662	1,742	1,828	1,924	2,016	2,115
SURFACE WATER SALES TO RETAIL CUSTOMERS	18,232	18,224	18,215	18,205	18,193	18,181
SURFACE WATER SALES TO WHOLESALE CUSTOMERS	339	338	338	339	342	345
TOTAL WHOLESALE AND RETAIL SALES TO CUSTOMERS	20,233	20,304	20,381	20,468	20,551	20,641

Gulf Coast Water Authority - WWP	WATER VOLUMES (ACRE-FEET PER YEAR)					
DATA DESCRIPTION	2020	2030	2040	2050	2060	2070
PROJECTED WHOLESALE CONTRACT DEMANDS	265,399	265,399	265,399	265,399	265,399	265,399
TOTAL PROJECTED WHOLESALE CONTRACT AND RETAIL DEMANDS	265,399	265,399	265,399	265,399	265,399	265,399
SURFACE WATER SALES TO WHOLESALE CUSTOMERS	227,590	227,515	227,445	227,371	227,293	227,217
TOTAL WHOLESALE AND RETAIL SALES TO CUSTOMERS	227,590	227,515	227,445	227,371	227,293	227,217

Houston - WUG/WWP	WATER VOLUMES (ACRE-FEET PER YEAR)					
DATA DESCRIPTION	2020	2030	2040	2050	2060	2070
PROJECTED RETAIL WUG DEMANDS	446,526	472,461	499,085	529,064	562,767	598,573
PROJECTED WHOLESALE CONTRACT DEMANDS	745,072	748,653	752,988	754,285	755,857	757,497
TOTAL PROJECTED WHOLESALE CONTRACT AND RETAIL DEMANDS	1,191,598	1,221,114	1,252,073	1,283,349	1,318,624	1,356,070
GROUNDWATER SALES TO RETAIL CUSTOMERS	141,964	88,490	51,941	54,521	57,439	60,564
REUSE SALES TO RETAIL CUSTOMERS	4,839	4,862	4,937	5,027	5,147	5,147
SURFACE WATER SALES TO RETAIL CUSTOMERS	305,332	305,345	305,372	305,370	305,368	305,370
GROUNDWATER SALES TO WHOLESALE CUSTOMERS	227	227	227	227	227	227
REUSE SALES TO WHOLESALE CUSTOMERS	83	83	83	83	83	83
SURFACE WATER SALES TO WHOLESALE CUSTOMERS	744,762	748,343	752,678	753,975	755,514	757,187
TOTAL WHOLESALE AND RETAIL SALES TO CUSTOMERS	1,197,207	1,147,350	1,115,238	1,119,203	1,123,778	1,128,578

Huntsville - WUG/WWP	WATER VOLUMES (ACRE-FEET PER YEAR)					
DATA DESCRIPTION	2020	2030	2040	2050	2060	2070
PROJECTED RETAIL WUG DEMANDS	7,861	8,054	8,177	8,344	8,517	8,668
PROJECTED WHOLESALE CONTRACT DEMANDS	11,960	11,960	11,960	11,960	11,960	11,960
TOTAL PROJECTED WHOLESALE CONTRACT AND RETAIL DEMANDS	19,821	20,014	20,137	20,304	20,477	20,628
GROUNDWATER SALES TO RETAIL CUSTOMERS	2,890	2,923	2,944	2,973	3,002	3,028
SURFACE WATER SALES TO RETAIL CUSTOMERS	19,400	19,400	19,400	19,400	19,400	19,400
REUSE SALES TO WHOLESALE CUSTOMERS	2,240	2,240	2,240	2,240	2,240	2,240
SURFACE WATER SALES TO WHOLESALE CUSTOMERS	9,720	9,720	9,720	9,720	9,720	9,720
TOTAL WHOLESALE AND RETAIL SALES TO CUSTOMERS	34,250	34,283	34,304	34,333	34,362	34,388

League City - WUG	WATER VOLUMES (ACRE-FEET PER YEAR)					
DATA DESCRIPTION	2020	2030	2040	2050	2060	2070

Region H Major Water Provider (MWP) Existing Sales and Transfers

PROJECTED RETAIL WUG DEMANDS	14,545	16,044	17,222	18,230	18,839	19,271
TOTAL PROJECTED WHOLESALE CONTRACT AND RETAIL DEMANDS	14,545	16,044	17,222	18,230	18,839	19,271
GROUNDWATER SALES TO RETAIL CUSTOMERS	1,455	1,605	1,722	1,823	1,884	1,927
REUSE SALES TO RETAIL CUSTOMERS	645	645	645	645	645	645
SURFACE WATER SALES TO RETAIL CUSTOMERS	21,851	21,849	21,848	21,848	21,846	21,845
TOTAL WHOLESALE AND RETAIL SALES TO CUSTOMERS	23,951	24,099	24,215	24,316	24,375	24,417

Lower Neches Valley Authority - WWP	WATER VOLUMES (ACRE-FEET PER YEAR)					
DATA DESCRIPTION	2020	2030	2040	2050	2060	2070
PROJECTED WHOLESALE CONTRACT DEMANDS	425,909	427,553	429,499	431,682	433,750	434,487
TOTAL PROJECTED WHOLESALE CONTRACT AND RETAIL DEMANDS	425,909	427,553	429,499	431,682	433,750	434,487
SURFACE WATER SALES TO WHOLESALE CUSTOMERS	406,787	408,402	410,127	412,265	414,314	415,050
TOTAL WHOLESALE AND RETAIL SALES TO CUSTOMERS	406,787	408,402	410,127	412,265	414,314	415,050

Missouri City - WUG/WWP	WATER VOLUMES (ACRE-FEET PER YEAR)					
DATA DESCRIPTION	2020	2030	2040	2050	2060	2070
PROJECTED RETAIL WUG DEMANDS	428	518	586	657	730	809
PROJECTED WHOLESALE CONTRACT DEMANDS	10,413	10,244	10,256	10,254	10,254	10,254
TOTAL PROJECTED WHOLESALE CONTRACT AND RETAIL DEMANDS	10,841	10,762	10,842	10,911	10,984	11,063
GROUNDWATER SALES TO RETAIL CUSTOMERS	149	56	83	112	141	173
SURFACE WATER SALES TO RETAIL CUSTOMERS	109	45	45	45	45	45
GROUNDWATER SALES TO WHOLESALE CUSTOMERS	206	37	49	47	47	47
SURFACE WATER SALES TO WHOLESALE CUSTOMERS	11,092	11,156	11,156	11,156	11,156	11,156
TOTAL WHOLESALE AND RETAIL SALES TO CUSTOMERS	11,556	11,294	11,333	11,360	11,389	11,421

North Fort Bend Water Authority - WUG/WWP	WATER VOLUMES (ACRE-FEET PER YEAR)					
DATA DESCRIPTION	2020	2030	2040	2050	2060	2070
PROJECTED RETAIL WUG DEMANDS	62,952	85,726	103,685	114,084	119,630	122,471
TOTAL PROJECTED WHOLESALE CONTRACT AND RETAIL DEMANDS	62,952	85,726	103,685	114,084	119,630	122,471
GROUNDWATER SALES TO RETAIL CUSTOMERS	39,878	30,102	36,906	41,063	43,282	44,415
REUSE SALES TO RETAIL CUSTOMERS	2,014	2,014	2,014	2,014	2,014	2,014
SURFACE WATER SALES TO RETAIL CUSTOMERS	21,840	21,840	21,840	21,840	21,840	21,840
TOTAL WHOLESALE AND RETAIL SALES TO CUSTOMERS	63,732	53,956	60,760	64,917	67,136	68,269

North Harris County Regional Water Authority - WUG/WWP	WATER VOLUMES (ACRE-FEET PER YEAR)					
DATA DESCRIPTION	2020	2030	2040	2050	2060	2070
PROJECTED RETAIL WUG DEMANDS	122,747	128,791	133,934	138,694	143,385	147,826
PROJECTED WHOLESALE CONTRACT DEMANDS	3,872	2,822	2,066	2,122	2,165	2,197
TOTAL PROJECTED WHOLESALE CONTRACT AND RETAIL DEMANDS	126,619	131,613	136,000	140,816	145,550	150,023
GROUNDWATER SALES TO RETAIL CUSTOMERS	83,592	49,185	24,456	25,408	26,346	27,234
REUSE SALES TO RETAIL CUSTOMERS	772	772	772	772	772	772
SURFACE WATER SALES TO RETAIL CUSTOMERS	34,720	34,720	34,720	34,720	34,720	34,720
GROUNDWATER SALES TO WHOLESALE CUSTOMERS	3,872	2,822	2,066	2,122	2,165	2,197
TOTAL WHOLESALE AND RETAIL SALES TO CUSTOMERS	122,956	87,499	62,014	63,022	64,003	64,923

NRG - WWP	WATER VOLUMES (ACRE-FEET PER YEAR)					
DATA DESCRIPTION	2020	2030	2040	2050	2060	2070
PROJECTED WHOLESALE CONTRACT DEMANDS	143,488	143,464	143,440	143,415	143,391	143,367
TOTAL PROJECTED WHOLESALE CONTRACT AND RETAIL DEMANDS	143,488	143,464	143,440	143,415	143,391	143,367

Region H Major Water Provider (MWP) Existing Sales and Transfers

SURFACE WATER SALES TO WHOLESALE CUSTOMERS	143,488	143,464	143,440	143,415	143,391	143,367
TOTAL WHOLESALE AND RETAIL SALES TO CUSTOMERS	143,488	143,464	143,440	143,415	143,391	143,367

Pasadena - WUG/WWP	WATER VOLUMES (ACRE-FEET PER YEAR)					
DATA DESCRIPTION	2020	2030	2040	2050	2060	2070
PROJECTED RETAIL WUG DEMANDS	21,838	21,859	21,923	22,266	22,795	23,394
PROJECTED WHOLESALE CONTRACT DEMANDS	6,720	6,720	6,720	6,720	6,720	6,720
TOTAL PROJECTED WHOLESALE CONTRACT AND RETAIL DEMANDS	28,558	28,579	28,643	28,986	29,515	30,114
GROUNDWATER SALES TO RETAIL CUSTOMERS	3,871	3,875	3,886	3,946	4,040	4,147
SURFACE WATER SALES TO RETAIL CUSTOMERS	42,278	42,278	42,278	42,278	42,278	42,278
SURFACE WATER SALES TO WHOLESALE CUSTOMERS	6,720	6,720	6,720	6,720	6,720	6,720
TOTAL WHOLESALE AND RETAIL SALES TO CUSTOMERS	52,869	52,873	52,884	52,944	53,038	53,145

Pearland - WUG	WATER VOLUMES (ACRE-FEET PER YEAR)					
DATA DESCRIPTION	2020	2030	2040	2050	2060	2070
PROJECTED RETAIL WUG DEMANDS	18,335	19,639	21,422	23,258	25,140	26,941
TOTAL PROJECTED WHOLESALE CONTRACT AND RETAIL DEMANDS	18,335	19,639	21,422	23,258	25,140	26,941
GROUNDWATER SALES TO RETAIL CUSTOMERS	4,853	5,706	6,936	8,299	9,812	11,277
SURFACE WATER SALES TO RETAIL CUSTOMERS	17,920	17,920	17,920	17,920	17,920	17,920
TOTAL WHOLESALE AND RETAIL SALES TO CUSTOMERS	22,773	23,626	24,856	26,219	27,732	29,197

San Jacinto River Authority - WWP	WATER VOLUMES (ACRE-FEET PER YEAR)					
DATA DESCRIPTION	2020	2030	2040	2050	2060	2070
PROJECTED WHOLESALE CONTRACT DEMANDS	142,548	142,548	142,548	142,548	142,548	142,548
TOTAL PROJECTED WHOLESALE CONTRACT AND RETAIL DEMANDS	142,548	142,548	142,548	142,548	142,548	142,548
GROUNDWATER SALES TO WHOLESALE CUSTOMERS	9,604	9,604	9,604	9,604	9,604	9,604
REUSE SALES TO WHOLESALE CUSTOMERS	8,786	9,142	9,580	10,111	10,935	11,939
SURFACE WATER SALES TO WHOLESALE CUSTOMERS	93,922	92,322	90,822	89,522	89,522	89,522
TOTAL WHOLESALE AND RETAIL SALES TO CUSTOMERS	112,312	111,068	110,006	109,237	110,061	111,065

Sugar Land - WUG/WWP	WATER VOLUMES (ACRE-FEET PER YEAR)					
DATA DESCRIPTION	2020	2030	2040	2050	2060	2070
PROJECTED RETAIL WUG DEMANDS	32,871	35,122	36,709	38,349	39,794	40,812
PROJECTED WHOLESALE CONTRACT DEMANDS	2,680	2,680	2,680	2,680	2,680	2,680
TOTAL PROJECTED WHOLESALE CONTRACT AND RETAIL DEMANDS	35,551	37,802	39,389	41,029	42,474	43,492
GROUNDWATER SALES TO RETAIL CUSTOMERS	22,672	13,416	14,049	14,704	15,281	15,586
SURFACE WATER SALES TO RETAIL CUSTOMERS	11,768	11,768	11,768	11,768	11,768	11,768
GROUNDWATER SALES TO WHOLESALE CUSTOMERS	102	102	102	102	102	102
REUSE SALES TO WHOLESALE CUSTOMERS	420	420	420	420	420	420
SURFACE WATER SALES TO WHOLESALE CUSTOMERS	2,158	2,158	2,158	2,158	2,158	2,158
TOTAL WHOLESALE AND RETAIL SALES TO CUSTOMERS	37,120	27,864	28,497	29,152	29,729	30,034

Texas City - WUG/WWP	WATER VOLUMES (ACRE-FEET PER YEAR)					
DATA DESCRIPTION	2020	2030	2040	2050	2060	2070
PROJECTED RETAIL WUG DEMANDS	7,078	7,524	7,898	8,272	8,667	9,038
PROJECTED WHOLESALE CONTRACT DEMANDS	609	609	609	609	609	609
TOTAL PROJECTED WHOLESALE CONTRACT AND RETAIL DEMANDS	7,687	8,133	8,507	8,881	9,276	9,647
GROUNDWATER SALES TO RETAIL CUSTOMERS	708	752	790	827	867	904
SURFACE WATER SALES TO RETAIL CUSTOMERS	9,570	9,566	9,561	9,556	9,551	9,546

Region H Major Water Provider (MWP) Existing Sales and Transfers

SURFACE WATER SALES TO WHOLESALE CUSTOMERS	609	609	609	609	609	609
TOTAL WHOLESALE AND RETAIL SALES TO CUSTOMERS	10,887	10,927	10,960	10,992	11,027	11,059

The Woodlands - WUG/WWP	WATER VOLUMES (ACRE-FEET PER YEAR)					
DATA DESCRIPTION	2020	2030	2040	2050	2060	2070
PROJECTED RETAIL WUG DEMANDS	27,858	29,280	30,845	32,619	35,110	38,072
PROJECTED WHOLESALE CONTRACT DEMANDS	425	425	425	425	425	425
TOTAL PROJECTED WHOLESALE CONTRACT AND RETAIL DEMANDS	28,283	29,705	31,270	33,044	35,535	38,497
GROUNDWATER SALES TO RETAIL CUSTOMERS	14,351	13,301	12,545	12,601	12,644	12,676
REUSE SALES TO RETAIL CUSTOMERS	438	438	438	438	438	438
SURFACE WATER SALES TO RETAIL CUSTOMERS	14,707	14,707	14,707	14,707	14,707	14,707
GROUNDWATER SALES TO WHOLESALE CUSTOMERS	170	170	170	170	170	170
SURFACE WATER SALES TO WHOLESALE CUSTOMERS	255	255	255	255	255	255
TOTAL WHOLESALE AND RETAIL SALES TO CUSTOMERS	29,921	28,871	28,115	28,171	28,214	28,246

Trinity River Authority - WWP	WATER VOLUMES (ACRE-FEET PER YEAR)					
DATA DESCRIPTION	2020	2030	2040	2050	2060	2070
PROJECTED WHOLESALE CONTRACT DEMANDS	416,867	418,371	421,307	426,432	432,324	446,273
TOTAL PROJECTED WHOLESALE CONTRACT AND RETAIL DEMANDS	416,867	418,371	421,307	426,432	432,324	446,273
REUSE SALES TO WHOLESALE CUSTOMERS	3,479	3,882	4,614	5,129	5,129	5,129
SURFACE WATER SALES TO WHOLESALE CUSTOMERS	412,437	408,147	403,688	402,376	401,704	398,619
TOTAL WHOLESALE AND RETAIL SALES TO CUSTOMERS	415,916	412,029	408,302	407,505	406,833	403,748

West Harris County Regional Water Authority - WUG/WWP	WATER VOLUMES (ACRE-FEET PER YEAR)					
DATA DESCRIPTION	2020	2030	2040	2050	2060	2070
PROJECTED RETAIL WUG DEMANDS	72,046	74,157	78,197	82,669	84,248	85,718
TOTAL PROJECTED WHOLESALE CONTRACT AND RETAIL DEMANDS	72,046	74,157	78,197	82,669	84,248	85,718
GROUNDWATER SALES TO RETAIL CUSTOMERS	46,694	25,924	12,181	13,076	13,393	13,690
REUSE SALES TO RETAIL CUSTOMERS	734	734	734	734	734	734
SURFACE WATER SALES TO RETAIL CUSTOMERS	31,976	31,976	31,976	31,976	31,976	31,976
TOTAL WHOLESALE AND RETAIL SALES TO CUSTOMERS	79,404	58,634	44,891	45,786	46,103	46,400

Region H Major Water Provider (MWP) Water Management Strategy (WMS) Summary

MWPs are entities of significance to a region's water supply as defined by the Regional Water Planning Group (RWPG) and may be a Water User Group (WUG) entity, Wholesale Water Provider (WWP) entity, or both (WUG/WWP). 'MWP Retail Customers' denotes recommended WMS supply used by the WUG. 'Transfers Related to Wholesale Customers' denotes a WWP or WUG/WWP selling or transferring recommended WMS supply to another entity. Supply associated with the MWP's wholesale transfers will only display if it is listed as the main seller in the State Water Planning database, even if multiple sellers are involved with the sale of water to WUGs. Unallocated water volumes represent MWP recommended WMS supply not currently allocated to a customer of the MWP. 'Total MWP Related WMS Supply' will display if the MWP's WMS is related to more than one WMS supply type (retail, wholesale, and/or unallocated). Associated WMS Projects are listed when the MWP is one of the project's sponsors. Report contains draft data and is subject to change.

Brazos River Authority BELTON TO STILLHOUSE PIPELINE-BRA						
DATA DESCRIPTION	WATER VOLUMES (ACRE-Feet PER YEAR)					
	2020	2030	2040	2050	2060	2070
TRANSFERS RELATED TO WHOLESALE CUSTOMERS	0	5,000	5,000	5,000	5,000	5,000
WMS RELATED MWP SPONSORED PROJECTS	PROJECT DESCRIPTION					
BELTON TO STILLHOUSE PIPELINE-BRA	CONVEYANCE/TRANSMISSION PIPELINE; DIVERSION AND CONTROL STRUCTURE; NEW SURFACE WATER INTAKE					

Brazos River Authority BRA HIGHLAND LAKE TO COUNTY-OTHER						
DATA DESCRIPTION	WATER VOLUMES (ACRE-Feet PER YEAR)					
	2020	2030	2040	2050	2060	2070
TRANSFERS RELATED TO WHOLESALE CUSTOMERS	0	2,872	2,872	2,872	2,872	2,872

Brazos River Authority LAKE AQUILLA POOL REALLOCATION						
DATA DESCRIPTION	WATER VOLUMES (ACRE-Feet PER YEAR)					
	2020	2030	2040	2050	2060	2070
RELATED UNALLOCATED WMS WATER VOLUMES	0	0	0	0	2,483	2,483
WMS RELATED MWP SPONSORED PROJECTS	PROJECT DESCRIPTION					
LAKE AQUILLA REALLOCATION- BRA	RAISE CONSERVATION POOL; DIVERSION AND CONTROL STRUCTURE					

Brazos River Authority LAKE GRANGER ASR						
DATA DESCRIPTION	WATER VOLUMES (ACRE-Feet PER YEAR)					
	2020	2030	2040	2050	2060	2070
TRANSFERS RELATED TO WHOLESALE CUSTOMERS	0	7,600	11,900	11,900	11,900	11,900
WMS RELATED MWP SPONSORED PROJECTS	PROJECT DESCRIPTION					
LAKE GRANGER ASR	CONVEYANCE/TRANSMISSION PIPELINE; MULTIPLE WELLS/WELL FIELD; NEW WATER TREATMENT PLANT; INJECTION WELL					

Brazos River Authority LAKE GRANGER AUGMENTATION-PH 2						
DATA DESCRIPTION	WATER VOLUMES (ACRE-Feet PER YEAR)					
	2020	2030	2040	2050	2060	2070
TRANSFERS RELATED TO WHOLESALE CUSTOMERS	0	16,510	17,848	15,640	15,612	17,847
WMS RELATED MWP SPONSORED PROJECTS	PROJECT DESCRIPTION					
LAKE GRANGER AUGMENTATION-PHASE 2-BRA	CONVEYANCE/TRANSMISSION PIPELINE; PUMP STATION; STORAGE TANK; WATER TREATMENT PLANT EXPANSION					

Brazos River Authority NEW/EXPANDED CONTRACT WITH BRA						
DATA DESCRIPTION	WATER VOLUMES (ACRE-Feet PER YEAR)					
	2020	2030	2040	2050	2060	2070
TRANSFERS RELATED TO WHOLESALE CUSTOMERS	0	0	0	0	2,061	2,603
WMS RELATED MWP SPONSORED PROJECTS	PROJECT DESCRIPTION					
ALLENS CREEK RESERVOIR	CONVEYANCE/TRANSMISSION PIPELINE; PUMP STATION; RESERVOIR CONSTRUCTION					

Brazos River Authority NEW/EXPANDED CONTRACT WITH GCWA						
DATA DESCRIPTION	WATER VOLUMES (ACRE-Feet PER YEAR)					
	2020	2030	2040	2050	2060	2070

Region H Major Water Provider (MWP) Water Management Strategy (WMS) Summary

TRANSFERS RELATED TO WHOLESALE CUSTOMERS	0	0	13,440	16,103	18,238	24,450
WMS RELATED MWP SPONSORED PROJECTS	PROJECT DESCRIPTION					
ALLENS CREEK RESERVOIR	CONVEYANCE/TRANSMISSION PIPELINE; PUMP STATION; RESERVOIR CONSTRUCTION					

Brazos River Authority PARKER COUNTY SUD - ADDITIONAL BRA (SYS OPS)						
DATA DESCRIPTION	WATER VOLUMES (ACRE-FEET PER YEAR)					
	2020	2030	2040	2050	2060	2070
TRANSFERS RELATED TO WHOLESALE CUSTOMERS	0	0	0	285	670	1,053

Brazos River Authority RICHMOND GRP						
DATA DESCRIPTION	WATER VOLUMES (ACRE-FEET PER YEAR)					
	2020	2030	2040	2050	2060	2070
TRANSFERS RELATED TO WHOLESALE CUSTOMERS	0	0	0	701	1,793	2,847
WMS RELATED MWP SPONSORED PROJECTS	PROJECT DESCRIPTION					
ALLENS CREEK RESERVOIR	CONVEYANCE/TRANSMISSION PIPELINE; PUMP STATION; RESERVOIR CONSTRUCTION					

Brazos River Authority STORAGE REALLOCATION OF LAKE WHITNEY						
DATA DESCRIPTION	WATER VOLUMES (ACRE-FEET PER YEAR)					
	2020	2030	2040	2050	2060	2070
TRANSFERS RELATED TO WHOLESALE CUSTOMERS	0	0	0	0	12,000	26,000
RELATED UNALLOCATED WMS WATER VOLUMES	0	0	0	38,480	26,480	12,480
TOTAL MWP RELATED WMS SUPPLY	0	0	0	38,480	38,480	38,480
WMS RELATED MWP SPONSORED PROJECTS	PROJECT DESCRIPTION					
LAKE WHITNEY REALLOCATION TO WILLIAMSON COUNTY	CONVEYANCE/TRANSMISSION PIPELINE; NEW SURFACE WATER INTAKE; NEW WATER TREATMENT PLANT					

Brazos River Authority WILLIAMSON COUNTY GROUNDWATER – SOUTH OPTION						
DATA DESCRIPTION	WATER VOLUMES (ACRE-FEET PER YEAR)					
	2020	2030	2040	2050	2060	2070
TRANSFERS RELATED TO WHOLESALE CUSTOMERS	0	7,379	10,075	10,621	10,761	10,903
WMS RELATED MWP SPONSORED PROJECTS	PROJECT DESCRIPTION					
WILLIAMSON COUNTY GROUNDWATER	CONVEYANCE/TRANSMISSION PIPELINE; MULTIPLE WELLS/WELL FIELD					

Brazosport Water Authority DOW RESERVOIR AND PUMP STATION EXPANSION						
DATA DESCRIPTION	WATER VOLUMES (ACRE-FEET PER YEAR)					
	2020	2030	2040	2050	2060	2070
TRANSFERS RELATED TO WHOLESALE CUSTOMERS	0	8,569	8,569	8,569	8,569	8,569
WMS RELATED MWP SPONSORED PROJECTS	PROJECT DESCRIPTION					
DOW RESERVOIR AND PUMP STATION EXPANSION	PUMP STATION; RESERVOIR CONSTRUCTION; SURFACE WATER INTAKE MODIFICATION					
BWA TRANSMISSION EXPANSION	CONVEYANCE/TRANSMISSION PIPELINE					
BWA CONVENTIONAL TREATMENT EXPANSION	WATER TREATMENT PLANT EXPANSION					

Brazosport Water Authority NEW/EXPANDED CONTRACT WITH BWA						
DATA DESCRIPTION	WATER VOLUMES (ACRE-FEET PER YEAR)					
	2020	2030	2040	2050	2060	2070
TRANSFERS RELATED TO WHOLESALE CUSTOMERS	0	6,155	6,611	6,883	6,651	3,930
WMS RELATED MWP SPONSORED PROJECTS	PROJECT DESCRIPTION					
BWA TRANSMISSION EXPANSION	CONVEYANCE/TRANSMISSION PIPELINE					
BWA BRACKISH GROUNDWATER DEVELOPMENT	MULTIPLE WELLS/WELL FIELD; NEW WATER TREATMENT PLANT					
BWA CONVENTIONAL TREATMENT EXPANSION	WATER TREATMENT PLANT EXPANSION					

Region H Major Water Provider (MWP) Water Management Strategy (WMS) Summary

Chambers-Liberty Counties Navigation District | NO RECOMMENDED WMS SUPPLY RELATED TO MWP

Clear Lake City Water Authority | MUNICIPAL CONSERVATION, CLEAR LAKE CITY WATER AUTHORITY

DATA DESCRIPTION	WATER VOLUMES (ACRE-FEET PER YEAR)					
	2020	2030	2040	2050	2060	2070
MWP RETAIL CUSTOMERS	352	526	610	729	864	1,030
WMS RELATED MWP SPONSORED PROJECTS	PROJECT DESCRIPTION					
MUNICIPAL CONSERVATION, CLEAR LAKE CITY WATER AUTHORITY	CONSERVATION - MUNICIPAL (DOES NOT INCLUDE METER REPLACEMENT OR WATER LOSS)					

Clear Lake City Water Authority | WATER LOSS REDUCTION, CLEAR LAKE CITY WATER AUTHORITY

DATA DESCRIPTION	WATER VOLUMES (ACRE-FEET PER YEAR)					
	2020	2030	2040	2050	2060	2070
MWP RETAIL CUSTOMERS	80	232	354	372	390	410
WMS RELATED MWP SPONSORED PROJECTS	PROJECT DESCRIPTION					
WATER LOSS REDUCTION, CLEAR LAKE CITY WATER AUTHORITY	WATER LOSS CONTROL					

Conroe | MUNICIPAL CONSERVATION, CONROE

DATA DESCRIPTION	WATER VOLUMES (ACRE-FEET PER YEAR)					
	2020	2030	2040	2050	2060	2070
MWP RETAIL CUSTOMERS	356	631	811	1,021	1,261	1,542
WMS RELATED MWP SPONSORED PROJECTS	PROJECT DESCRIPTION					
MUNICIPAL CONSERVATION, CONROE	CONSERVATION - MUNICIPAL (DOES NOT INCLUDE METER REPLACEMENT OR WATER LOSS)					

Conroe | PORTER SUD JOINT GRP

DATA DESCRIPTION	WATER VOLUMES (ACRE-FEET PER YEAR)					
	2020	2030	2040	2050	2060	2070
TRANSFERS RELATED TO WHOLESALE CUSTOMERS	1,680	2,240	2,240	2,240	2,240	2,240

Conroe | SJRA GRP

DATA DESCRIPTION	WATER VOLUMES (ACRE-FEET PER YEAR)					
	2020	2030	2040	2050	2060	2070
MWP RETAIL CUSTOMERS	0	5,581	7,438	9,190	8,648	10,463
WMS RELATED MWP SPONSORED PROJECTS	PROJECT DESCRIPTION					
WUG INFRASTRUCTURE EXPANSION - CONROE - PHASE 1	CONVEYANCE/TRANSMISSION PIPELINE; PUMP STATION; STORAGE TANK					
WUG INFRASTRUCTURE EXPANSION - CONROE - PHASE 2	CONVEYANCE/TRANSMISSION PIPELINE; PUMP STATION; STORAGE TANK					

Dow Inc | BRAZOS SALTWATER BARRIER

DATA DESCRIPTION	WATER VOLUMES (ACRE-FEET PER YEAR)					
	2020	2030	2040	2050	2060	2070
TRANSFERS RELATED TO WHOLESALE CUSTOMERS	0	0	10,000	10,000	10,000	10,000
WMS RELATED MWP SPONSORED PROJECTS	PROJECT DESCRIPTION					
BRAZOS SALTWATER BARRIER	SALTWATER BARRIER					

Dow Inc | DOW RESERVOIR AND PUMP STATION EXPANSION

DATA DESCRIPTION	WATER VOLUMES (ACRE-FEET PER YEAR)					
	2020	2030	2040	2050	2060	2070
TRANSFERS RELATED TO WHOLESALE CUSTOMERS	0	71,431	71,431	71,431	71,431	71,431
WMS RELATED MWP SPONSORED PROJECTS	PROJECT DESCRIPTION					
DOW RESERVOIR AND PUMP STATION EXPANSION	PUMP STATION; RESERVOIR CONSTRUCTION; SURFACE WATER INTAKE MODIFICATION					

Dow Inc | FREEPORT SEAWATER DESALINATION

Region H Major Water Provider (MWP) Water Management Strategy (WMS) Summary

DATA DESCRIPTION	WATER VOLUMES (ACRE-FEET PER YEAR)					
	2020	2030	2040	2050	2060	2070
TRANSFERS RELATED TO WHOLESALE CUSTOMERS	0	0	11,200	11,200	11,200	11,200
WMS RELATED MWP SPONSORED PROJECTS	PROJECT DESCRIPTION					
FREPORT SEAWATER DESALINATION	NEW WATER TREATMENT PLANT; CONVEYANCE/TRANSMISSION PIPELINE					

Dow Inc | OTHER BRA SYSTEM OPERATION SUPPLIES

DATA DESCRIPTION	WATER VOLUMES (ACRE-FEET PER YEAR)					
	2020	2030	2040	2050	2060	2070
TRANSFERS RELATED TO WHOLESALE CUSTOMERS	15,473	15,473	15,473	15,473	15,034	14,462

Galveston | GCWA GALVESTON COUNTY TREATED WATER EXPANSION

DATA DESCRIPTION	WATER VOLUMES (ACRE-FEET PER YEAR)					
	2020	2030	2040	2050	2060	2070
MWP RETAIL CUSTOMERS	0	11,891	11,900	11,909	11,918	11,927
WMS RELATED MWP SPONSORED PROJECTS	PROJECT DESCRIPTION					
WUG INFRASTRUCTURE EXPANSION - GALVESTON	CONVEYANCE/TRANSMISSION PIPELINE; PUMP STATION; STORAGE TANK					

Galveston | MUNICIPAL CONSERVATION, GALVESTON

DATA DESCRIPTION	WATER VOLUMES (ACRE-FEET PER YEAR)					
	2020	2030	2040	2050	2060	2070
MWP RETAIL CUSTOMERS	469	698	798	954	1,116	1,330
WMS RELATED MWP SPONSORED PROJECTS	PROJECT DESCRIPTION					
MUNICIPAL CONSERVATION, GALVESTON	CONSERVATION - MUNICIPAL (DOES NOT INCLUDE METER REPLACEMENT OR WATER LOSS)					

Galveston | WATER LOSS REDUCTION, GALVESTON

DATA DESCRIPTION	WATER VOLUMES (ACRE-FEET PER YEAR)					
	2020	2030	2040	2050	2060	2070
MWP RETAIL CUSTOMERS	320	958	1,596	2,242	2,883	3,529
WMS RELATED MWP SPONSORED PROJECTS	PROJECT DESCRIPTION					
WATER LOSS REDUCTION, GALVESTON	WATER LOSS CONTROL					

Gulf Coast Water Authority | ADDITIONAL SUPPLY FROM GCWA

DATA DESCRIPTION	WATER VOLUMES (ACRE-FEET PER YEAR)					
	2020	2030	2040	2050	2060	2070
TRANSFERS RELATED TO WHOLESALE CUSTOMERS	7,013	7,029	7,044	7,060	7,077	7,092

Gulf Coast Water Authority | GALVESTON COUNTY INDUSTRIAL REUSE

DATA DESCRIPTION	WATER VOLUMES (ACRE-FEET PER YEAR)					
	2020	2030	2040	2050	2060	2070
TRANSFERS RELATED TO WHOLESALE CUSTOMERS	0	22,400	22,400	22,400	22,400	22,400
WMS RELATED MWP SPONSORED PROJECTS	PROJECT DESCRIPTION					
GALVESTON COUNTY INDUSTRIAL REUSE INFRASTRUCTURE	CONVEYANCE/TRANSMISSION PIPELINE; PUMP STATION; STORAGE TANK; WATER TREATMENT PLANT EXPANSION					

Gulf Coast Water Authority | GCWA BACKUP WELLS

DATA DESCRIPTION	WATER VOLUMES (ACRE-FEET PER YEAR)					
	2020	2030	2040	2050	2060	2070
TRANSFERS RELATED TO WHOLESALE CUSTOMERS	0	0	1,120	1,120	0	0
WMS RELATED MWP SPONSORED PROJECTS	PROJECT DESCRIPTION					
GCWA BACKUP WELL DEVELOPMENT	MULTIPLE WELLS/WELL FIELD					

Region H Major Water Provider (MWP) Water Management Strategy (WMS) Summary

Gulf Coast Water Authority GCWA GALVESTON COUNTY RAW WATER EXPANSION						
DATA DESCRIPTION	WATER VOLUMES (ACRE-FEET PER YEAR)					
	2020	2030	2040	2050	2060	2070
TRANSFERS RELATED TO WHOLESALE CUSTOMERS	14,634	14,680	14,736	14,787	14,839	14,888
WMS RELATED MWP SPONSORED PROJECTS	PROJECT DESCRIPTION					
GCWA INDUSTRIAL RAW WATER LINE	CONVEYANCE/TRANSMISSION PIPELINE; PUMP STATION; WATER RIGHT/PERMIT AMENDMENT NO IBT					
GCWA SHANNON PUMP STATION EXPANSION	PUMP STATION; WATER RIGHT/PERMIT AMENDMENT NO IBT					

Gulf Coast Water Authority GCWA GALVESTON COUNTY TREATED WATER EXPANSION						
DATA DESCRIPTION	WATER VOLUMES (ACRE-FEET PER YEAR)					
	2020	2030	2040	2050	2060	2070
TRANSFERS RELATED TO WHOLESALE CUSTOMERS	0	28,083	28,127	28,178	28,233	28,285
WMS RELATED MWP SPONSORED PROJECTS	PROJECT DESCRIPTION					
GCWA WESTERN GALVESTON COUNTY TREATMENT EXPANSION	NEW WATER TREATMENT PLANT; WATER RIGHT/PERMIT AMENDMENT NO IBT					
GCWA SHANNON PUMP STATION EXPANSION	PUMP STATION; WATER RIGHT/PERMIT AMENDMENT NO IBT					

Gulf Coast Water Authority MISSOURI CITY GRP						
DATA DESCRIPTION	WATER VOLUMES (ACRE-FEET PER YEAR)					
	2020	2030	2040	2050	2060	2070
TRANSFERS RELATED TO WHOLESALE CUSTOMERS	0	14,736	14,741	14,748	14,755	14,761

Gulf Coast Water Authority NEW/EXPANDED CONTRACT WITH GCWA						
DATA DESCRIPTION	WATER VOLUMES (ACRE-FEET PER YEAR)					
	2020	2030	2040	2050	2060	2070
TRANSFERS RELATED TO WHOLESALE CUSTOMERS	1,931	6,589	8,947	10,428	9,283	7,830
WMS RELATED MWP SPONSORED PROJECTS	PROJECT DESCRIPTION					
GCWA INDUSTRIAL RAW WATER LINE	CONVEYANCE/TRANSMISSION PIPELINE; PUMP STATION; WATER RIGHT/PERMIT AMENDMENT NO IBT					
GCWA WESTERN GALVESTON COUNTY TREATMENT EXPANSION	NEW WATER TREATMENT PLANT; WATER RIGHT/PERMIT AMENDMENT NO IBT					
GCWA SHANNON PUMP STATION EXPANSION	PUMP STATION; WATER RIGHT/PERMIT AMENDMENT NO IBT					

Gulf Coast Water Authority PEARLAND SWTP						
DATA DESCRIPTION	WATER VOLUMES (ACRE-FEET PER YEAR)					
	2020	2030	2040	2050	2060	2070
TRANSFERS RELATED TO WHOLESALE CUSTOMERS	0	2,357	2,361	2,365	2,369	2,374

Houston CHCRWA GRP						
DATA DESCRIPTION	WATER VOLUMES (ACRE-FEET PER YEAR)					
	2020	2030	2040	2050	2060	2070
TRANSFERS RELATED TO WHOLESALE CUSTOMERS	0	5,466	5,466	5,466	5,466	5,466
WMS RELATED MWP SPONSORED PROJECTS	PROJECT DESCRIPTION					
COH NORTHEAST WATER PURIFICATION PLANT EXPANSION - PHASES 1 AND 2	WATER TREATMENT PLANT EXPANSION					
COH, NHCRA, AND CHCRWA SHARED TRANSMISSION	CONVEYANCE/TRANSMISSION PIPELINE					
COH NORTHEAST WATER PURIFICATION PLANT EXPANSION - PHASE 3	WATER TREATMENT PLANT EXPANSION					

Houston CITY OF HOUSTON AREA 2 GROUNDWATER DEVELOPMENT						
DATA DESCRIPTION	WATER VOLUMES (ACRE-FEET PER YEAR)					
	2020	2030	2040	2050	2060	2070

Region H Major Water Provider (MWP) Water Management Strategy (WMS) Summary

MWP RETAIL CUSTOMERS	0	36,234	39,259	42,619	46,372	50,376
WMS RELATED MWP SPONSORED PROJECTS	PROJECT DESCRIPTION					
CITY OF HOUSTON AREA 2 GROUNDWATER INFRASTRUCTURE	MULTIPLE WELLS/WELL FIELD; NEW WATER TREATMENT PLANT; STORAGE TANK					

Houston CITY OF HOUSTON GRP						
DATA DESCRIPTION	WATER VOLUMES (ACRE-FEET PER YEAR)					
	2020	2030	2040	2050	2060	2070
MWP RETAIL CUSTOMERS	0	6,130	45,775	45,777	80,652	80,653
TRANSFERS RELATED TO WHOLESALE CUSTOMERS	0	7,801	17,172	17,447	17,799	18,112
TOTAL MWP RELATED WMS SUPPLY	0	13,931	62,947	63,224	98,451	98,765
WMS RELATED MWP SPONSORED PROJECTS	PROJECT DESCRIPTION					
ALLENS CREEK RESERVOIR	CONVEYANCE/TRANSMISSION PIPELINE; PUMP STATION; RESERVOIR CONSTRUCTION					
COH NORTHEAST WATER PURIFICATION PLANT EXPANSION - PHASES 1 AND 2	WATER TREATMENT PLANT EXPANSION					
COH, NHCRA, AND CHCRA SHARED TRANSMISSION	CONVEYANCE/TRANSMISSION PIPELINE					
CITY OF HOUSTON WEST WATER PURIFICATION PLANT - PHASE 1	NEW WATER TREATMENT PLANT; CONVEYANCE/TRANSMISSION PIPELINE					
CITY OF HOUSTON WEST WATER PURIFICATION PLANT - PHASE 2	WATER TREATMENT PLANT EXPANSION					
COH NORTHEAST WATER PURIFICATION PLANT EXPANSION - PHASE 3	WATER TREATMENT PLANT EXPANSION					
CITY OF HOUSTON GRP TRANSMISSION	CONVEYANCE/TRANSMISSION PIPELINE					
CWA TRANSMISSION EXPANSION	CONVEYANCE/TRANSMISSION PIPELINE					

Houston CITY OF HOUSTON REUSE						
DATA DESCRIPTION	WATER VOLUMES (ACRE-FEET PER YEAR)					
	2020	2030	2040	2050	2060	2070
MWP RETAIL CUSTOMERS	0	0	195,085	183,938	192,105	193,657
WMS RELATED MWP SPONSORED PROJECTS	PROJECT DESCRIPTION					
CITY OF HOUSTON REUSE INFRASTRUCTURE	CONVEYANCE/TRANSMISSION PIPELINE; PUMP STATION					

Houston EAST TEXAS TRANSFER						
DATA DESCRIPTION	WATER VOLUMES (ACRE-FEET PER YEAR)					
	2020	2030	2040	2050	2060	2070
MWP RETAIL CUSTOMERS	0	0	0	250,000	250,000	250,000
WMS RELATED MWP SPONSORED PROJECTS	PROJECT DESCRIPTION					
EAST TEXAS TRANSFER	CONVEYANCE/TRANSMISSION PIPELINE; PUMP STATION; NEW WATER RIGHT/PERMIT AMENDMENT NON-EXEMPT IBT					

Houston MUNICIPAL CONSERVATION, HOUSTON						
DATA DESCRIPTION	WATER VOLUMES (ACRE-FEET PER YEAR)					
	2020	2030	2040	2050	2060	2070
MWP RETAIL CUSTOMERS	11,745	19,117	22,886	27,709	30,664	35,985
WMS RELATED MWP SPONSORED PROJECTS	PROJECT DESCRIPTION					
MUNICIPAL CONSERVATION, HOUSTON	CONSERVATION - MUNICIPAL (DOES NOT INCLUDE METER REPLACEMENT OR WATER LOSS)					

Houston NEW/EXPANDED CONTRACT WITH CITY OF HOUSTON						
DATA DESCRIPTION	WATER VOLUMES (ACRE-FEET PER YEAR)					
	2020	2030	2040	2050	2060	2070
TRANSFERS RELATED TO WHOLESALE CUSTOMERS	10,826	13,472	16,597	16,945	19,883	22,477
WMS RELATED MWP SPONSORED PROJECTS	PROJECT DESCRIPTION					
COH NORTHEAST WATER PURIFICATION PLANT EXPANSION - PHASES 1 AND 2	WATER TREATMENT PLANT EXPANSION					

Region H Major Water Provider (MWP) Water Management Strategy (WMS) Summary

COH NORTHEAST WATER PURIFICATION PLANT EXPANSION - PHASE 3	WATER TREATMENT PLANT EXPANSION
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Houston | NFBWA GRP

DATA DESCRIPTION	WATER VOLUMES (ACRE-FEET PER YEAR)					
	2020	2030	2040	2050	2060	2070
TRANSFERS RELATED TO WHOLESALE CUSTOMERS	0	59,819	62,496	62,496	62,496	62,496
WMS RELATED MWP SPONSORED PROJECTS	PROJECT DESCRIPTION					
COH NORTHEAST WATER PURIFICATION PLANT EXPANSION - PHASES 1 AND 2	WATER TREATMENT PLANT EXPANSION					
CITY OF HOUSTON REUSE INFRASTRUCTURE	CONVEYANCE/TRANSMISSION PIPELINE; PUMP STATION					
COH NORTHEAST WATER PURIFICATION PLANT EXPANSION - PHASE 3	WATER TREATMENT PLANT EXPANSION					

Houston | NHCRA GRP

DATA DESCRIPTION	WATER VOLUMES (ACRE-FEET PER YEAR)					
	2020	2030	2040	2050	2060	2070
TRANSFERS RELATED TO WHOLESALE CUSTOMERS	0	138,352	143,360	143,360	143,360	143,360
WMS RELATED MWP SPONSORED PROJECTS	PROJECT DESCRIPTION					
COH NORTHEAST WATER PURIFICATION PLANT EXPANSION - PHASES 1 AND 2	WATER TREATMENT PLANT EXPANSION					
COH, NHCRA, AND CHCRA SHARED TRANSMISSION	CONVEYANCE/TRANSMISSION PIPELINE					
CITY OF HOUSTON REUSE INFRASTRUCTURE	CONVEYANCE/TRANSMISSION PIPELINE; PUMP STATION					
COH NORTHEAST WATER PURIFICATION PLANT EXPANSION - PHASE 3	WATER TREATMENT PLANT EXPANSION					

Houston | SOUTHEAST TRANSMISSION LINE EXPANSION

DATA DESCRIPTION	WATER VOLUMES (ACRE-FEET PER YEAR)					
	2020	2030	2040	2050	2060	2070
MWP RETAIL CUSTOMERS	0	15,758	15,758	15,758	15,758	15,758
TRANSFERS RELATED TO WHOLESALE CUSTOMERS	0	24,080	24,080	24,080	24,080	24,080
TOTAL MWP RELATED WMS SUPPLY	0	39,838	39,838	39,838	39,838	39,838
WMS RELATED MWP SPONSORED PROJECTS	PROJECT DESCRIPTION					
SOUTHEAST TRANSMISSION LINE IMPROVEMENTS	CONVEYANCE/TRANSMISSION PIPELINE					

Houston | WATER LOSS REDUCTION, HOUSTON

DATA DESCRIPTION	WATER VOLUMES (ACRE-FEET PER YEAR)					
	2020	2030	2040	2050	2060	2070
MWP RETAIL CUSTOMERS	4,080	12,326	20,673	29,252	38,172	47,390
WMS RELATED MWP SPONSORED PROJECTS	PROJECT DESCRIPTION					
WATER LOSS REDUCTION, HOUSTON	WATER LOSS CONTROL					

Houston | WHCRA GRP

DATA DESCRIPTION	WATER VOLUMES (ACRE-FEET PER YEAR)					
	2020	2030	2040	2050	2060	2070
TRANSFERS RELATED TO WHOLESALE CUSTOMERS	0	87,845	92,288	92,288	92,288	92,288
WMS RELATED MWP SPONSORED PROJECTS	PROJECT DESCRIPTION					
COH NORTHEAST WATER PURIFICATION PLANT EXPANSION - PHASES 1 AND 2	WATER TREATMENT PLANT EXPANSION					
CITY OF HOUSTON REUSE INFRASTRUCTURE	CONVEYANCE/TRANSMISSION PIPELINE; PUMP STATION					
COH NORTHEAST WATER PURIFICATION PLANT EXPANSION - PHASE 3	WATER TREATMENT PLANT EXPANSION					

Region H Major Water Provider (MWP) Water Management Strategy (WMS) Summary

Huntsville | MUNICIPAL CONSERVATION, HUNTSVILLE

DATA DESCRIPTION	WATER VOLUMES (ACRE-FEET PER YEAR)					
	2020	2030	2040	2050	2060	2070
MWP RETAIL CUSTOMERS	210	331	384	435	490	546
WMS RELATED MWP SPONSORED PROJECTS	PROJECT DESCRIPTION					
MUNICIPAL CONSERVATION, HUNTSVILLE	CONSERVATION - MUNICIPAL (DOES NOT INCLUDE METER REPLACEMENT OR WATER LOSS)					

Huntsville | WATER LOSS REDUCTION, HUNTSVILLE

DATA DESCRIPTION	WATER VOLUMES (ACRE-FEET PER YEAR)					
	2020	2030	2040	2050	2060	2070
MWP RETAIL CUSTOMERS	49	145	232	237	242	246
WMS RELATED MWP SPONSORED PROJECTS	PROJECT DESCRIPTION					
WATER LOSS REDUCTION, HUNTSVILLE	WATER LOSS CONTROL					

League City | GCWA GALVESTON COUNTY TREATED WATER EXPANSION

DATA DESCRIPTION	WATER VOLUMES (ACRE-FEET PER YEAR)					
	2020	2030	2040	2050	2060	2070
MWP RETAIL CUSTOMERS	0	600	601	601	603	604
WMS RELATED MWP SPONSORED PROJECTS	PROJECT DESCRIPTION					
WUG INFRASTRUCTURE EXPANSION - LEAGUE CITY	CONVEYANCE/TRANSMISSION PIPELINE; PUMP STATION; STORAGE TANK					

League City | MUNICIPAL CONSERVATION, LEAGUE CITY

DATA DESCRIPTION	WATER VOLUMES (ACRE-FEET PER YEAR)					
	2020	2030	2040	2050	2060	2070
MWP RETAIL CUSTOMERS	439	781	952	1,182	1,367	1,691
WMS RELATED MWP SPONSORED PROJECTS	PROJECT DESCRIPTION					
MUNICIPAL CONSERVATION, LEAGUE CITY	CONSERVATION - MUNICIPAL (DOES NOT INCLUDE METER REPLACEMENT OR WATER LOSS)					

League City | SOUTHEAST TRANSMISSION LINE EXPANSION

DATA DESCRIPTION	WATER VOLUMES (ACRE-FEET PER YEAR)					
	2020	2030	2040	2050	2060	2070
MWP RETAIL CUSTOMERS	0	24,080	24,080	24,080	24,080	24,080

League City | WATER LOSS REDUCTION, LEAGUE CITY

DATA DESCRIPTION	WATER VOLUMES (ACRE-FEET PER YEAR)					
	2020	2030	2040	2050	2060	2070
MWP RETAIL CUSTOMERS	92	290	494	529	546	559
WMS RELATED MWP SPONSORED PROJECTS	PROJECT DESCRIPTION					
WATER LOSS REDUCTION, LEAGUE CITY	WATER LOSS CONTROL					

Lower Neches Valley Authority | BEAUMONT CONTRACT AMENDMENT

DATA DESCRIPTION	WATER VOLUMES (ACRE-FEET PER YEAR)					
	2020	2030	2040	2050	2060	2070
TRANSFERS RELATED TO WHOLESALE CUSTOMERS	0	0	0	0	228	2,249

Lower Neches Valley Authority | JASP-LTK-PURCHASE FROM LOWER NECHES VALLEY AUTHORITY (SAM RAYBURN)

DATA DESCRIPTION	WATER VOLUMES (ACRE-FEET PER YEAR)					
	2020	2030	2040	2050	2060	2070
TRANSFERS RELATED TO WHOLESALE CUSTOMERS	8,932	8,932	8,932	8,932	8,932	8,932

Lower Neches Valley Authority | JEFF-CTR-PURCHASE FROM LOWER NECHES VALLEY AUTHORITY (SAM RAYBURN)

Region H Major Water Provider (MWP) Water Management Strategy (WMS) Summary

DATA DESCRIPTION	WATER VOLUMES (ACRE-FEET PER YEAR)					
	2020	2030	2040	2050	2060	2070
TRANSFERS RELATED TO WHOLESALE CUSTOMERS	0	0	0	0	855	1,950

Lower Neches Valley Authority | JEFF-MFG-PURCHASE FROM LOWER NECHES VALLEY AUTHORITY (SAM RAYBURN)

DATA DESCRIPTION	WATER VOLUMES (ACRE-FEET PER YEAR)					
	2020	2030	2040	2050	2060	2070
TRANSFERS RELATED TO WHOLESALE CUSTOMERS	0	143,513	143,497	143,479	143,462	143,446

Lower Neches Valley Authority | JEFF-SEP-PURCHASE FROM LOWER NECHES VALLEY AUTHORITY (SAM RAYBURN)

DATA DESCRIPTION	WATER VOLUMES (ACRE-FEET PER YEAR)					
	2020	2030	2040	2050	2060	2070
TRANSFERS RELATED TO WHOLESALE CUSTOMERS	0	2,391	2,391	2,391	2,391	2,391

Lower Neches Valley Authority | LNVA DEVERS PUMP STATION RELOCATION

DATA DESCRIPTION	WATER VOLUMES (ACRE-FEET PER YEAR)					
	2020	2030	2040	2050	2060	2070
TRANSFERS RELATED TO WHOLESALE CUSTOMERS	0	9,086	9,086	9,086	9,086	9,086
WMS RELATED MWP SPONSORED PROJECTS		PROJECT DESCRIPTION				
LNVA DEVERS PUMP STATION RELOCATION		PUMP STATION				

Lower Neches Valley Authority | LNVA-SRA-PURCHASE FROM SABINE RIVER AUTHORITY (TOLEDO BEND)

DATA DESCRIPTION	WATER VOLUMES (ACRE-FEET PER YEAR)					
	2020	2030	2040	2050	2060	2070
RELATED UNALLOCATED WMS WATER VOLUMES	0	0	0	200,000	200,000	200,000
WMS RELATED MWP SPONSORED PROJECTS		PROJECT DESCRIPTION				
LNVA-SRA-PURCHASE FROM SABINE RIVER AUTHORITY (TOLEDO BEND)		CONVEYANCE/TRANSMISSION PIPELINE; PUMP STATION; STORAGE TANK				

Lower Neches Valley Authority | LNVA-WRR-BEAUMONT WEST REGIONAL RESERVOIR

DATA DESCRIPTION	WATER VOLUMES (ACRE-FEET PER YEAR)					
	2020	2030	2040	2050	2060	2070
RELATED UNALLOCATED WMS WATER VOLUMES	0	7,700	7,700	7,700	7,700	7,700
WMS RELATED MWP SPONSORED PROJECTS		PROJECT DESCRIPTION				
LNVA-WRR-BEAUMONT WEST REGIONAL RESERVOIR		PUMP STATION; RESERVOIR CONSTRUCTION				

Lower Neches Valley Authority | NEW/EXPANDED CONTRACT WITH LNVA

DATA DESCRIPTION	WATER VOLUMES (ACRE-FEET PER YEAR)					
	2020	2030	2040	2050	2060	2070
TRANSFERS RELATED TO WHOLESALE CUSTOMERS	416	712	68,044	68,383	68,764	69,156
WMS RELATED MWP SPONSORED PROJECTS		PROJECT DESCRIPTION				
LNVA NECHES-TRINITY BASIN INTERCONNECT		CONVEYANCE/TRANSMISSION PIPELINE; PUMP STATION; NEW WATER RIGHT/PERMIT AMENDMENT NON-EXEMPT IBT				

Missouri City | MISSOURI CITY GRP

DATA DESCRIPTION	WATER VOLUMES (ACRE-FEET PER YEAR)					
	2020	2030	2040	2050	2060	2070
MWP RETAIL CUSTOMERS	170	9,609	9,682	9,760	9,815	9,870
TRANSFERS RELATED TO WHOLESALE CUSTOMERS	2,306	5,294	7,371	9,220	10,303	10,835
TOTAL MWP RELATED WMS SUPPLY	2,476	14,903	17,053	18,980	20,118	20,705

Region H Major Water Provider (MWP) Water Management Strategy (WMS) Summary

WMS RELATED MWP SPONSORED PROJECTS	PROJECT DESCRIPTION
MISSOURI CITY GRP INFRASTRUCTURE	CONVEYANCE/TRANSMISSION PIPELINE; NEW WATER TREATMENT PLANT; PUMP STATION

Missouri City MUNICIPAL CONSERVATION, MISSOURI CITY						
DATA DESCRIPTION	WATER VOLUMES (ACRE-FEET PER YEAR)					
	2020	2030	2040	2050	2060	2070
MWP RETAIL CUSTOMERS	13	23	29	36	42	51
WMS RELATED MWP SPONSORED PROJECTS	PROJECT DESCRIPTION					
MUNICIPAL CONSERVATION, MISSOURI CITY	CONSERVATION - MUNICIPAL (DOES NOT INCLUDE METER REPLACEMENT OR WATER LOSS)					

Missouri City WATER LOSS REDUCTION, MISSOURI CITY						
DATA DESCRIPTION	WATER VOLUMES (ACRE-FEET PER YEAR)					
	2020	2030	2040	2050	2060	2070
MWP RETAIL CUSTOMERS	2	4	5	6	6	7
WMS RELATED MWP SPONSORED PROJECTS	PROJECT DESCRIPTION					
WATER LOSS REDUCTION, MISSOURI CITY	WATER LOSS CONTROL					

North Fort Bend Water Authority MUNICIPAL CONSERVATION, NORTH FORT BEND WATER AUTHORITY						
DATA DESCRIPTION	WATER VOLUMES (ACRE-FEET PER YEAR)					
	2020	2030	2040	2050	2060	2070
MWP RETAIL CUSTOMERS	1,693	3,124	4,415	5,861	6,643	7,974
WMS RELATED MWP SPONSORED PROJECTS	PROJECT DESCRIPTION					
MUNICIPAL CONSERVATION, NORTH FORT BEND WATER AUTHORITY	CONSERVATION - MUNICIPAL (DOES NOT INCLUDE METER REPLACEMENT OR WATER LOSS)					

North Fort Bend Water Authority NFBWA GRP						
DATA DESCRIPTION	WATER VOLUMES (ACRE-FEET PER YEAR)					
	2020	2030	2040	2050	2060	2070
MWP RETAIL CUSTOMERS	0	58,859	61,503	61,547	61,575	61,633
TRANSFERS RELATED TO WHOLESALE CUSTOMERS	0	3,928	4,105	4,273	4,450	4,644
TOTAL MWP RELATED WMS SUPPLY	0	62,787	65,608	65,820	66,025	66,277
WMS RELATED MWP SPONSORED PROJECTS	PROJECT DESCRIPTION					
COH NORTHEAST WATER PURIFICATION PLANT EXPANSION - PHASES 1 AND 2	WATER TREATMENT PLANT EXPANSION					
WUG INFRASTRUCTURE EXPANSION - NFBWA DISTRICTS	CONVEYANCE/TRANSMISSION PIPELINE; PUMP STATION; STORAGE TANK					
WHCRWA/NFBWA TRANSMISSION LINE	CONVEYANCE/TRANSMISSION PIPELINE					
NFBWA PHASE 2 DISTRIBUTION SEGMENTS	CONVEYANCE/TRANSMISSION PIPELINE					

North Fort Bend Water Authority NFBWA MEMBER DISTRICT REUSE						
DATA DESCRIPTION	WATER VOLUMES (ACRE-FEET PER YEAR)					
	2020	2030	2040	2050	2060	2070
MWP RETAIL CUSTOMERS	3,816	3,816	3,816	3,816	3,816	3,816
WMS RELATED MWP SPONSORED PROJECTS	PROJECT DESCRIPTION					
NFBWA MEMBER DISTRICT REUSE INFRASTRUCTURE	CONVEYANCE/TRANSMISSION PIPELINE; NEW WATER TREATMENT PLANT; PUMP STATION; STORAGE TANK					

North Fort Bend Water Authority WASTEWATER RECLAMATION FOR MUNICIPAL IRRIGATION						
DATA DESCRIPTION	WATER VOLUMES (ACRE-FEET PER YEAR)					
	2020	2030	2040	2050	2060	2070
MWP RETAIL CUSTOMERS	0	937	1,672	2,099	2,325	2,441

Region H Major Water Provider (MWP) Water Management Strategy (WMS) Summary

WMS RELATED MWP SPONSORED PROJECTS	PROJECT DESCRIPTION
MUNICIPAL IRRIGATION REUSE DEVELOPMENT, NFBWA	CONVEYANCE/TRANSMISSION PIPELINE; NEW WATER TREATMENT PLANT; STORAGE TANK; PUMP STATION

North Harris County Regional Water Authority | MUNICIPAL CONSERVATION, NORTH HARRIS COUNTY REGIONAL WATER AUTHORITY

DATA DESCRIPTION	WATER VOLUMES (ACRE-FEET PER YEAR)					
	2020	2030	2040	2050	2060	2070
MWP RETAIL CUSTOMERS	3,512	5,827	6,979	8,620	9,487	11,403

WMS RELATED MWP SPONSORED PROJECTS	PROJECT DESCRIPTION
MUNICIPAL CONSERVATION, NORTH HARRIS COUNTY REGIONAL WATER AUTHORITY	CONSERVATION - MUNICIPAL (DOES NOT INCLUDE METER REPLACEMENT OR WATER LOSS)

North Harris County Regional Water Authority | NHCRWA GRP

DATA DESCRIPTION	WATER VOLUMES (ACRE-FEET PER YEAR)					
	2020	2030	2040	2050	2060	2070
MWP RETAIL CUSTOMERS	0	137,506	139,447	139,205	138,994	138,855
TRANSFERS RELATED TO WHOLESALE CUSTOMERS	0	1,502	503	615	659	702
TOTAL MWP RELATED WMS SUPPLY	0	139,008	139,950	139,820	139,653	139,557

WMS RELATED MWP SPONSORED PROJECTS	PROJECT DESCRIPTION
COH NORTHEAST WATER PURIFICATION PLANT EXPANSION - PHASES 1 AND 2	WATER TREATMENT PLANT EXPANSION
COH, NHCROWA, AND CHCROWA SHARED TRANSMISSION	CONVEYANCE/TRANSMISSION PIPELINE
WUG INFRASTRUCTURE EXPANSION - NHCROWA DISTRICTS 2035	CONVEYANCE/TRANSMISSION PIPELINE; PUMP STATION; STORAGE TANK
WUG INFRASTRUCTURE EXPANSION - NHCROWA DISTRICTS 2025	CONVEYANCE/TRANSMISSION PIPELINE; PUMP STATION; STORAGE TANK
NHCROWA TRANSMISSION LINES	CONVEYANCE/TRANSMISSION PIPELINE
NHCROWA DISTRIBUTION EXPANSION - 2045 PHASE	CONVEYANCE/TRANSMISSION PIPELINE
NHCROWA DISTRIBUTION EXPANSION - 2035 PHASE	CONVEYANCE/TRANSMISSION PIPELINE
NHCROWA DISTRIBUTION EXPANSION - 2025 PHASE	CONVEYANCE/TRANSMISSION PIPELINE

North Harris County Regional Water Authority | NHCRWA MEMBER DISTRICT REUSE

DATA DESCRIPTION	WATER VOLUMES (ACRE-FEET PER YEAR)					
	2020	2030	2040	2050	2060	2070
MWP RETAIL CUSTOMERS	300	300	300	300	300	300

WMS RELATED MWP SPONSORED PROJECTS	PROJECT DESCRIPTION
NHCRA MEMBER DISTRICT REUSE INFRASTRUCTURE	CONVEYANCE/TRANSMISSION PIPELINE; NEW WATER TREATMENT PLANT; PUMP STATION; STORAGE TANK

North Harris County Regional Water Authority | WASTEWATER RECLAMATION FOR MUNICIPAL IRRIGATION

DATA DESCRIPTION	WATER VOLUMES (ACRE-FEET PER YEAR)					
	2020	2030	2040	2050	2060	2070
MWP RETAIL CUSTOMERS	0	439	798	1,103	1,372	1,618

WMS RELATED MWP SPONSORED PROJECTS	PROJECT DESCRIPTION
MUNICIPAL IRRIGATION REUSE DEVELOPMENT, NHCRA	CONVEYANCE/TRANSMISSION PIPELINE; NEW WATER TREATMENT PLANT; STORAGE TANK; PUMP STATION

NRG | INDUSTRIAL SUPPLY REALLOCATION

DATA DESCRIPTION	WATER VOLUMES (ACRE-FEET PER YEAR)					
	2020	2030	2040	2050	2060	2070
TRANSFERS RELATED TO WHOLESALE CUSTOMERS	21,772	27,870	27,922	27,979	28,040	28,161

NRG | NRG CEDAR BAYOU DESALINATION

	WATER VOLUMES (ACRE-FEET PER YEAR)
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Region H Major Water Provider (MWP) Water Management Strategy (WMS) Summary

DATA DESCRIPTION	2020	2030	2040	2050	2060	2070
TRANSFERS RELATED TO WHOLESALE CUSTOMERS	0	22,400	22,400	22,400	22,400	22,400
WMS RELATED MWP SPONSORED PROJECTS	PROJECT DESCRIPTION					
NRG CEDAR BAYOU DESALINATION	NEW WATER TREATMENT PLANT; STORAGE TANK					

Pasadena MUNICIPAL CONSERVATION, PASADENA						
DATA DESCRIPTION	WATER VOLUMES (ACRE-Feet PER YEAR)					
	2020	2030	2040	2050	2060	2070
MWP RETAIL CUSTOMERS	609	951	1,084	1,247	1,434	1,645
WMS RELATED MWP SPONSORED PROJECTS	PROJECT DESCRIPTION					
MUNICIPAL CONSERVATION, PASADENA	CONSERVATION - MUNICIPAL (DOES NOT INCLUDE METER REPLACEMENT OR WATER LOSS)					

Pearland CITY OF PEARLAND REUSE						
DATA DESCRIPTION	WATER VOLUMES (ACRE-Feet PER YEAR)					
	2020	2030	2040	2050	2060	2070
MWP RETAIL CUSTOMERS	314	1,154	1,154	1,154	1,154	1,154
WMS RELATED MWP SPONSORED PROJECTS	PROJECT DESCRIPTION					
PEARLAND REUSE INFRASTRUCTURE	CONVEYANCE/TRANSMISSION PIPELINE; PUMP STATION; STORAGE TANK					

Pearland MUNICIPAL CONSERVATION, PEARLAND						
DATA DESCRIPTION	WATER VOLUMES (ACRE-Feet PER YEAR)					
	2020	2030	2040	2050	2060	2070
MWP RETAIL CUSTOMERS	560	949	1,153	1,443	1,790	2,204
WMS RELATED MWP SPONSORED PROJECTS	PROJECT DESCRIPTION					
MUNICIPAL CONSERVATION, PEARLAND	CONSERVATION - MUNICIPAL (DOES NOT INCLUDE METER REPLACEMENT OR WATER LOSS)					

Pearland PEARLAND SWTP						
DATA DESCRIPTION	WATER VOLUMES (ACRE-Feet PER YEAR)					
	2020	2030	2040	2050	2060	2070
MWP RETAIL CUSTOMERS	0	22,400	22,400	22,400	22,400	22,400
WMS RELATED MWP SPONSORED PROJECTS	PROJECT DESCRIPTION					
PEARLAND SURFACE WATER TREATMENT PLANT DEVELOPMENT	NEW WATER TREATMENT PLANT					

Pearland WATER LOSS REDUCTION, PEARLAND						
DATA DESCRIPTION	WATER VOLUMES (ACRE-Feet PER YEAR)					
	2020	2030	2040	2050	2060	2070
MWP RETAIL CUSTOMERS	101	251	274	298	322	345
WMS RELATED MWP SPONSORED PROJECTS	PROJECT DESCRIPTION					
WATER LOSS REDUCTION, PEARLAND	WATER LOSS CONTROL					

San Jacinto River Authority NEW/EXPANDED CONTRACT WITH SJRA						
DATA DESCRIPTION	WATER VOLUMES (ACRE-Feet PER YEAR)					
	2020	2030	2040	2050	2060	2070
TRANSFERS RELATED TO WHOLESALE CUSTOMERS	404	1,065	12,798	24,969	51,396	74,226
WMS RELATED MWP SPONSORED PROJECTS	PROJECT DESCRIPTION					
LAKE LIVINGSTON TO SJRA TRANSFER	CONVEYANCE/TRANSMISSION PIPELINE; PUMP STATION; NEW WATER RIGHT/PERMIT AMENDMENT NON-EXEMPT IBT					
SJRA GROUNDWATER REDUCTION PLAN - 2025 PHASE	CONVEYANCE/TRANSMISSION PIPELINE; PUMP STATION; WATER TREATMENT PLANT EXPANSION					
SJRA GROUNDWATER REDUCTION PLAN - 2035 PHASE	CONVEYANCE/TRANSMISSION PIPELINE; PUMP STATION; WATER TREATMENT PLANT EXPANSION					

Region H Major Water Provider (MWP) Water Management Strategy (WMS) Summary

SJRA GROUNDWATER REDUCTION PLAN - 2045 PHASE	CONVEYANCE/TRANSMISSION PIPELINE; PUMP STATION; WATER TREATMENT PLANT EXPANSION
SJRA GROUNDWATER REDUCTION PLAN - 2055 PHASE	CONVEYANCE/TRANSMISSION PIPELINE; PUMP STATION; WATER TREATMENT PLANT EXPANSION

San Jacinto River Authority | SJRA AQUIFER STORAGE AND RECOVERY

DATA DESCRIPTION	WATER VOLUMES (ACRE-Feet PER YEAR)					
	2020	2030	2040	2050	2060	2070
TRANSFERS RELATED TO WHOLESALE CUSTOMERS	0	0	0	0	0	9,426
WMS RELATED MWP SPONSORED PROJECTS	PROJECT DESCRIPTION					
SJRA AQUIFER STORAGE AND RECOVERY	CONVEYANCE/TRANSMISSION PIPELINE; MULTIPLE WELLS/WELL FIELD; NEW WATER TREATMENT PLANT; PUMP STATION; RESERVOIR CONSTRUCTION					

San Jacinto River Authority | SJRA CATAHOULA AQUIFER SUPPLIES

DATA DESCRIPTION	WATER VOLUMES (ACRE-Feet PER YEAR)					
	2020	2030	2040	2050	2060	2070
TRANSFERS RELATED TO WHOLESALE CUSTOMERS	0	0	2,287	10,500	10,500	10,500
WMS RELATED MWP SPONSORED PROJECTS	PROJECT DESCRIPTION					
SJRA CATAHOULA AQUIFER SUPPLIES	CONVEYANCE/TRANSMISSION PIPELINE; MULTIPLE WELLS/WELL FIELD					

San Jacinto River Authority | SJRA GRP

DATA DESCRIPTION	WATER VOLUMES (ACRE-Feet PER YEAR)					
	2020	2030	2040	2050	2060	2070
TRANSFERS RELATED TO WHOLESALE CUSTOMERS	6,153	41,856	45,398	51,149	54,470	61,562
WMS RELATED MWP SPONSORED PROJECTS	PROJECT DESCRIPTION					
LAKE LIVINGSTON TO SJRA TRANSFER	CONVEYANCE/TRANSMISSION PIPELINE; PUMP STATION; NEW WATER RIGHT/PERMIT AMENDMENT NON-EXEMPT IBT					
SJRA GROUNDWATER REDUCTION PLAN - 2025 PHASE	CONVEYANCE/TRANSMISSION PIPELINE; PUMP STATION; WATER TREATMENT PLANT EXPANSION					
SJRA GROUNDWATER REDUCTION PLAN - 2035 PHASE	CONVEYANCE/TRANSMISSION PIPELINE; PUMP STATION; WATER TREATMENT PLANT EXPANSION					
SJRA GROUNDWATER REDUCTION PLAN - 2045 PHASE	CONVEYANCE/TRANSMISSION PIPELINE; PUMP STATION; WATER TREATMENT PLANT EXPANSION					
SJRA GROUNDWATER REDUCTION PLAN - 2055 PHASE	CONVEYANCE/TRANSMISSION PIPELINE; PUMP STATION; WATER TREATMENT PLANT EXPANSION					

San Jacinto River Authority | SJRA REUSE SUPPLIES FOR MANUFACTURING

DATA DESCRIPTION	WATER VOLUMES (ACRE-Feet PER YEAR)					
	2020	2030	2040	2050	2060	2070
TRANSFERS RELATED TO WHOLESALE CUSTOMERS	7,404	20,900	21,962	22,731	21,907	20,903

Sugar Land | ADDITIONAL SUPPLY FROM GCWA

DATA DESCRIPTION	WATER VOLUMES (ACRE-Feet PER YEAR)					
	2020	2030	2040	2050	2060	2070
MWP RETAIL CUSTOMERS	3,410	3,419	3,429	3,438	3,447	3,456

Sugar Land | FORT BEND MUD 25 GRP

DATA DESCRIPTION	WATER VOLUMES (ACRE-Feet PER YEAR)					
	2020	2030	2040	2050	2060	2070
TRANSFERS RELATED TO WHOLESALE CUSTOMERS	0	1,120	1,120	1,120	1,120	1,120

Sugar Land | MUNICIPAL CONSERVATION, SUGAR LAND

Region H Major Water Provider (MWP) Water Management Strategy (WMS) Summary

DATA DESCRIPTION	WATER VOLUMES (ACRE-FEET PER YEAR)					
	2020	2030	2040	2050	2060	2070
MWP RETAIL CUSTOMERS	889	1,422	1,610	1,763	2,018	2,306
WMS RELATED MWP SPONSORED PROJECTS	PROJECT DESCRIPTION					
MUNICIPAL CONSERVATION, SUGAR LAND	CONSERVATION - MUNICIPAL (DOES NOT INCLUDE METER REPLACEMENT OR WATER LOSS)					

Sugar Land SUGAR LAND IWRP						
DATA DESCRIPTION	WATER VOLUMES (ACRE-FEET PER YEAR)					
	2020	2030	2040	2050	2060	2070
MWP RETAIL CUSTOMERS	0	1,266	1,322	1,322	1,322	1,322
TRANSFERS RELATED TO WHOLESALE CUSTOMERS	0	1,662	2,042	2,034	2,033	2,033
TOTAL MWP RELATED WMS SUPPLY	0	12,594	17,916	17,908	17,907	17,907
WMS RELATED MWP SPONSORED PROJECTS	PROJECT DESCRIPTION					
SUGAR LAND AMI	DATA GATHERING/MONITORING TECHNOLOGY					
SUGAR LAND ADVANCED LOSS REDUCTION	WATER LOSS CONTROL					
SUGAR LAND IWRP REUSE INFRASTRUCTURE - PHASE 1	CONVEYANCE/TRANSMISSION PIPELINE; PUMP STATION; STORAGE TANK; WATER TREATMENT PLANT EXPANSION					
SUGAR LAND IWRP REUSE INFRASTRUCTURE - PHASE 2	CONVEYANCE/TRANSMISSION PIPELINE; PUMP STATION; STORAGE TANK; WATER TREATMENT PLANT EXPANSION					
SUGAR LAND SURFACE WATER EXPANSION - PHASE 1	CONVEYANCE/TRANSMISSION PIPELINE; PUMP STATION; WATER TREATMENT PLANT EXPANSION					
SUGAR LAND SURFACE WATER EXPANSION - PHASE 2	PUMP STATION; WATER TREATMENT PLANT EXPANSION					
SUGAR LAND GROUNDWATER PLANT CONVERSION	CONVEYANCE/TRANSMISSION PIPELINE; NEW WATER TREATMENT PLANT					

Sugar Land WATER LOSS REDUCTION, SUGAR LAND						
DATA DESCRIPTION	WATER VOLUMES (ACRE-FEET PER YEAR)					
	2020	2030	2040	2050	2060	2070
MWP RETAIL CUSTOMERS	38	40	43	45	46	47
WMS RELATED MWP SPONSORED PROJECTS	PROJECT DESCRIPTION					
WATER LOSS REDUCTION, SUGAR LAND	WATER LOSS CONTROL					

Texas City GCWA GALVESTON COUNTY TREATED WATER EXPANSION						
DATA DESCRIPTION	WATER VOLUMES (ACRE-FEET PER YEAR)					
	2020	2030	2040	2050	2060	2070
MWP RETAIL CUSTOMERS	0	12,455	12,460	12,465	12,470	12,475
WMS RELATED MWP SPONSORED PROJECTS	PROJECT DESCRIPTION					
WUG INFRASTRUCTURE EXPANSION - TEXAS CITY	CONVEYANCE/TRANSMISSION PIPELINE; PUMP STATION; STORAGE TANK					

Texas City MUNICIPAL CONSERVATION, TEXAS CITY						
DATA DESCRIPTION	WATER VOLUMES (ACRE-FEET PER YEAR)					
	2020	2030	2040	2050	2060	2070
MWP RETAIL CUSTOMERS	221	381	453	548	634	793
WMS RELATED MWP SPONSORED PROJECTS	PROJECT DESCRIPTION					
MUNICIPAL CONSERVATION, TEXAS CITY	CONSERVATION - MUNICIPAL (DOES NOT INCLUDE METER REPLACEMENT OR WATER LOSS)					

Texas City WATER LOSS REDUCTION, TEXAS CITY						
DATA DESCRIPTION	WATER VOLUMES (ACRE-FEET PER YEAR)					
	2020	2030	2040	2050	2060	2070
MWP RETAIL CUSTOMERS	80	242	404	564	725	883
WMS RELATED MWP SPONSORED PROJECTS	PROJECT DESCRIPTION					
WATER LOSS REDUCTION, TEXAS CITY	WATER LOSS CONTROL					

Region H Major Water Provider (MWP) Water Management Strategy (WMS) Summary

The Woodlands MUNICIPAL CONSERVATION, THE WOODLANDS						
DATA DESCRIPTION	WATER VOLUMES (ACRE-FEET PER YEAR)					
	2020	2030	2040	2050	2060	2070
MWP RETAIL CUSTOMERS	174	474	592	789	1,037	1,363
WMS RELATED MWP SPONSORED PROJECTS	PROJECT DESCRIPTION					
MUNICIPAL CONSERVATION, THE WOODLANDS	CONSERVATION - MUNICIPAL (DOES NOT INCLUDE METER REPLACEMENT OR WATER LOSS)					

The Woodlands NHCRWA GRP						
DATA DESCRIPTION	WATER VOLUMES (ACRE-FEET PER YEAR)					
	2020	2030	2040	2050	2060	2070
MWP RETAIL CUSTOMERS	0	1,260	2,367	2,561	2,700	2,795
WMS RELATED MWP SPONSORED PROJECTS	PROJECT DESCRIPTION					
WUG INFRASTRUCTURE EXPANSION - THE WOODLANDS, HARRIS COUNTY	CONVEYANCE/TRANSMISSION PIPELINE; PUMP STATION; STORAGE TANK					

The Woodlands SJRA GRP						
DATA DESCRIPTION	WATER VOLUMES (ACRE-FEET PER YEAR)					
	2020	2030	2040	2050	2060	2070
MWP RETAIL CUSTOMERS	1,567	7,305	8,351	9,661	11,061	13,288
WMS RELATED MWP SPONSORED PROJECTS	PROJECT DESCRIPTION					
WUG INFRASTRUCTURE EXPANSION - THE WOODLANDS - PHASE 1	CONVEYANCE/TRANSMISSION PIPELINE; PUMP STATION; STORAGE TANK					
WUG INFRASTRUCTURE EXPANSION - THE WOODLANDS - PHASE 2	CONVEYANCE/TRANSMISSION PIPELINE; PUMP STATION; STORAGE TANK					

Trinity River Authority IRVING - TRA CENTRAL REUSE PROJECT						
DATA DESCRIPTION	WATER VOLUMES (ACRE-FEET PER YEAR)					
	2020	2030	2040	2050	2060	2070
TRANSFERS RELATED TO WHOLESALE CUSTOMERS	0	27,539	27,539	27,539	27,539	27,539

West Harris County Regional Water Authority MUNICIPAL CONSERVATION, WEST HARRIS COUNTY REGIONAL WATER AUTHORITY						
DATA DESCRIPTION	WATER VOLUMES (ACRE-FEET PER YEAR)					
	2020	2030	2040	2050	2060	2070
MWP RETAIL CUSTOMERS	2,061	3,383	4,104	5,048	5,634	6,881
WMS RELATED MWP SPONSORED PROJECTS	PROJECT DESCRIPTION					
MUNICIPAL CONSERVATION, WEST HARRIS COUNTY REGIONAL WATER AUTHORITY	CONSERVATION - MUNICIPAL (DOES NOT INCLUDE METER REPLACEMENT OR WATER LOSS)					

West Harris County Regional Water Authority WASTEWATER RECLAMATION FOR MUNICIPAL IRRIGATION						
DATA DESCRIPTION	WATER VOLUMES (ACRE-FEET PER YEAR)					
	2020	2030	2040	2050	2060	2070
MWP RETAIL CUSTOMERS	0	245	600	962	1,087	1,197
WMS RELATED MWP SPONSORED PROJECTS	PROJECT DESCRIPTION					
MUNICIPAL IRRIGATION REUSE DEVELOPMENT, WHCRWA	CONVEYANCE/TRANSMISSION PIPELINE; NEW WATER TREATMENT PLANT; STORAGE TANK; PUMP STATION					

West Harris County Regional Water Authority WHCRWA GRP						
DATA DESCRIPTION	WATER VOLUMES (ACRE-FEET PER YEAR)					
	2020	2030	2040	2050	2060	2070
MWP RETAIL CUSTOMERS	0	87,845	92,366	92,368	92,359	92,355
TRANSFERS RELATED TO WHOLESALE CUSTOMERS	0	4,480	10,253	10,295	10,347	10,374
TOTAL MWP RELATED WMS SUPPLY	0	92,325	102,619	102,663	102,706	102,729

Region H Major Water Provider (MWP) Water Management Strategy (WMS) Summary

WMS RELATED MWP SPONSORED PROJECTS	PROJECT DESCRIPTION
COH NORTHEAST WATER PURIFICATION PLANT EXPANSION - PHASES 1 AND 2	WATER TREATMENT PLANT EXPANSION
WUG INFRASTRUCTURE EXPANSION - WHCRWA DISTRICTS	CONVEYANCE/TRANSMISSION PIPELINE; PUMP STATION; STORAGE TANK
WHCRWA 2035 DISTRIBUTION EXPANSION	CONVEYANCE/TRANSMISSION PIPELINE
WHCRWA 2025 DISTRIBUTION EXPANSION	CONVEYANCE/TRANSMISSION PIPELINE
WHCRWA/NFBWA TRANSMISSION LINE	CONVEYANCE/TRANSMISSION PIPELINE

ATTACHMENT 6

DOCUMENTATION OF PUBLIC PROCESS

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ATTACHMENT 6-1

***TRANSMITTAL FOR DRAFT AMENDMENT PACKET FOR MINOR OR MAJOR
STATUS DETERMINATION***

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REGION H

Water Planning Group

REGION H WATER PLANNING GROUP

Senate Bill 1 - Texas Water Development Board

c/o San Jacinto River Authority
P. O. Box 329, Conroe, Texas 77305
Telephone 936-588-3111 Facsimile 936-588-3043

May 28, 2024

Agricultural
Caleb Cooper
Danny Pierce

Counties
Mark Evans, Chair
Byron Ryder
Lloyd Smith

Electric Generating Utilities
Carl Burch

Environmental
John R. Bartos,
Secretary

Groundwater Management Areas
Gary Ashmore
David Bailey,
Executive Committee

Industries
Jason Garrard
Cyndi Wagener

Municipalities
Greg Eyerly
Robert Istre

Public
Ken Kramer

River Authorities
Brad Brunett
Aubrey Spear
Kevin Ward

Small Businesses
W.R. Baker
Ivan Langford
Mike O'Connell

Water Districts
Jun Chang
Marvin Marcell, Vice Chair
Mike Turco

Water Utilities
Arthur Bredehoft,
Executive Committee
Alisa Max
Brandon Wade

TWDB Liaison
Heather Rose

Mr. Bryan McMath
Executive Administrator
Texas Water Development Board
1700 Congress Avenue
Austin, Texas 78701

**Re: Amendment to the 2021 Region H Water Plan
Baytown Area Water Authority
Determination of Minor Amendment Status**

Dear Mr. McMath:

The Region H Water Planning Group (RHWPG) is transmitting a draft amendment package, attached with this letter, to the Texas Water Development Board (TWDB) on behalf of the Baytown Area Water Authority (BAWA) and the City of Baytown. These entities are requesting the 2021 Region H Regional Water Plan (RWP) and the 2022 State Water Plan be amended to incorporate BAWA's planned East Surface Water Treatment Plant Expansion Water Management Strategy (WMS) and associated WMS Project. BAWA's request was considered by the RHWPG at its May 4, 2022, regular public meeting. The RHWPG, in recognition of the need for the amendment to better reflect the planned WMS, took formal action at the meeting to approve the submittal of this package to TWDB for review by your staff and final determination of minor amendment status.

The RHWPG wishes to address this matter at their August meeting, following this determination by TWDB, and consider either amending the 2021 RWP or conduct a hearing if a major amendment is deemed necessary. TWDB staff efforts to expedite a determination are appreciated to facilitate preparation for the proposed August meeting review.

Should you have any further questions regarding this submittal, please feel free to contact me at 281.440.3924 or mevans@nhcrwa.com, or the Region H consultant, Philip Taucer, at 713.600.6835 or philip.taucer@freese.com. Thank you for your consideration and the RHWPG looks forward to your response regarding this amendment application.

Sincerely,



Mark Evans
Region H Chair

cc: Heather Rose, TWDB

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ATTACHMENT 6-2

***TWDB DETERMINATION LETTER REGARDING MINOR AMENDMENT
STATUS***

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P.O. Box 13231, 1700 N. Congress Ave.
Austin, TX 78711-3231, www.twdb.texas.gov
Phone (512) 463-7847, Fax (512) 475-2053

June 24, 2024

Mr. Mark Evans
Chair
Region H Regional Water Planning Group
c/o San Jacinto River Authority
P.O. Box 329, Conroe, Texas 77305

Dear Chairman Evans:

I have reviewed Region H's request for a minor amendment determination. Based on the request and supporting materials, I have determined that amending the Region H 2021 Regional Water Plan (RWP) to include the Baytown Area Water Authority East Surface Water Treatment Plant Expansion water management strategy and associated project constitutes a minor amendment under 31 Texas Administrative Code (TAC) §357.51(c).

If the Region H Regional Water Planning Group adopts the proposed minor amendment, the planning group will need to submit the following to the Texas Water Development Board (TWDB):

1. Documentation of the planning group action adopting this minor amendment in the form of a cover letter.
2. A final version of the 2021 Region H RWP amendment.

Please note that the final amendment to the 2021 Region H RWP must include the following:

1. A copy of the updated state water planning database (DB22) reports relevant to the amendment (provided by the TWDB).
2. A summary of any public comments received on the proposed amendment and the region's response to the public comments.

After receipt of all required information, the TWDB Board will consider approving the Region H amendment at a regularly scheduled meeting, and then may amend the 2022 State Water Plan, as appropriate.

If Region H makes any substantive changes to the project components or configuration during the minor amendment process, the TWDB will need to review the modified proposed amendment to ensure that any other changes still meet all of the criteria under 31 TAC §357.51(c).

If you have any questions concerning this determination, please contact Heather Rose of our Regional Water Planning staff at 512-475-1558 or heather.rose@twdb.texas.gov.

Our Mission

Leading the state's efforts
in ensuring a secure
water future for Texas

Board Members

Brooke T. Paup, Chairwoman | George B. Peyton V, Board Member | L'Oreal Stepney, P.E., Board Member
Bryan McMath, Interim Executive Administrator

Mr. Mark Evans, Chair

June 24, 2024

Page 2

Sincerely,

Bryan McMath Digitally signed by Bryan
McMath
Date: 2024.07.08 16:27:52
+05'00'

Bryan McMath

Interim Executive Administrator

c: Aubrey Spear, San Jacinto River Authority
 Philip Taucer, Freese and Nichols, Inc
 Sarah Lee, Water Supply Planning
 Heather Rose, Water Supply Planning

ATTACHMENT 6-3

NOTICE FOR PUBLIC COMMENT PERIOD FOR AMENDMENT

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**Region H Water Planning Group
10:00 AM Wednesday
August 7, 2024
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 Baytown East Surface Water Treatment Plant Expansion 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 7, 2024 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.

ADDENDUM TO AGENDA
Adding agenda item 5c to the previously posted agenda.

5. *Special Items and Informational Presentations*

c. Receive presentation from Consultant Team regarding the proposed application by the City of Houston to amend the 2021 Region H RWP and consider approving the submittal of the application package to TWDB for the determination of minor amendment status.

AGENDA

1. Call to order.
2. Introductions.
3. Review and approve minutes of the May 1, 2024 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 Baytown East Surface Water Treatment Plant Expansion.
 - b. Consider taking action to amend the 2021 Region H Regional Water Plan to incorporate the proposed Baytown East Surface Water Treatment Plant Expansion.
6. Plan Development and Administration
 - a. Receive update on changes to the planning process for sixth cycle of RWP development.
 - b. Receive update from Water Management Strategy Committee and Consultant Team regarding the status of investigation of water supply alternatives and other analyses for the 2026 Region H RWP.
 - c. Receive update on the 89th Texas Legislature and the discuss potential legislative and policy issues and recommendations for the 2026 Region H RWP.
 - d. Discuss the Region H Legislative Committee for the 2026 Region H RWP.
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. Receive update from TWDB.
 - e. Other agency communications and general information.
8. **Receive public comments.** (Public comments limited to 3 minutes per speaker)
9. Next Meeting: November 6, 2024.
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.

ATTACHMENT 6-4

PUBLIC COMMENTS REGARDING AMENDMENT

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Note:

No public comments were received regarding the amendment of the 2021 Region H RWP to incorporate the BAWA East SWTP Expansion Water Management Strategy and Project.

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