REGION H
Water Planning Group





2026 REGIONAL WATER PLAN
VOLUME 2 – PART 1

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Texas Water Development Board

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October 2025

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List of Abbreviations

AEM	Anion Exchange Membrane Electrolyzer
AMI	Automated Metering Infrastructure
ATR	Autothermal Reforming
AWWA	American Water Works Association
B&E	Bay and Estuary
BAWA	Baytown Area Water Authority
BBASC	Basin and Bay Area Stakeholder Committee
BBEST	Basin and Bay Expert Science Team
BEG	Bureau of Economic Geology
BMP	Best Management Practice
BRA	Brazos River Authority
BWA	Brazosport Water Authority
BWSC	Brazosport Water Supply Corporation
CCI	Construction Cost Index
CCUS	Carbon Capture, Utilization and Storage
CES	Center for Energy Studies
cfs	cubic feet per second
CHCRWA	Central Harris County Regional Water Authority
CLCND	Chambers-Liberty Counties Navigation District
CLCWA	Clear Lake City Water Authority
COA	Certificate of Adjudication
COH	City of Houston
CRP	Clean Rivers Program
CRU	Collective Reporting Unit
CWA	Coastal Water Authority
CWSRF	Clean Water State Revolving Fund
DCP	Drought Contingency Plan
DFC	Desired Future Condition
DOR	Drought of Record
DPC	Drought Preparedness Council
DWSRF	Drinking Water State Revolving Fund
DWW	Drinking Water Watch
EPA	Environmental Protection Agency
FBSD	Fort Bend Subsidence District
FSA	Farm Service Agency
FWSD	Fresh Water Supply District
GAM	Groundwater Availability Model
GCD	Groundwater Conservation District
GCWA	Gulf Coast Water Authority
GMA	Groundwater Management Area
gpcd	gallons per-capita daily
GRP	Groundwater Reduction Plan
H2Hubs	Regional Clean Hydrogen Program
H-GAC	Houston-Galveston Area Council
HGSD	Harris-Galveston Subsidence District
IIJA	Infrastructure Investment and Jobs Act

IFR	Infrastructure Finance Report
IMPLAN	Impact for Planning Analysis
IPC	Interregional Planning Council
IPP	Initially Prepared Plan
IRA	Inflation Reduction Act
IRENA	International Renewable Energy Agency
IWA	International Water Association
IWRP	Integrated Water Resource Plan
iWUD	Integrated Water Utility Database
LAWA	La Porte Area Water Authority
LNVA	Lower Neches Valley Authority
LSGCD	Lone Star Groundwater Conservation District
LVGUs	Large Volume Groundwater Users
MAG	Modeled Available Groundwater
MCL	maximum contaminant level
mgd	million gallons per day
mg/l	milligrams per liter
MSF	Management Supply Factor
msl	mean sea level
MUDs	Municipal Utility Districts
MWP	Major Water Provider
NCWA	North Channel Water Authority
NFBWA	North Fort Bend Water Authority
NHCRWA	North Harris County Regional Water Authority
NPC	National Petroleum Council
NREL	National Renewable Energy Laboratory
NWR	National Wildlife Refuge
PDSI	Palmer Drought Severity Index
PEM	Proton Exchange Membrane
PPI	Producer Price Index
PWS	Public Water Supply
Region G	Brazos G Regional Water Planning Group
Region I	East Texas Water Planning Group
RHWPG	Region H Water Planning Group
RWP	Regional Water Plan
RWPA	Regional Water Planning Area
RWPG	Regional Water Planning Group
SAM-Houston	Small Area Model Houston
SDC	State Data Center
SJRA	San Jacinto River Authority
SMR	Steam-Methane Reforming
SOEC	Solid Oxide Electrolyzer Cells
SWIFT	State Water Implementation Fund for Texas
SWP	State Water Plan
TAC	Texas Administrative Code
TCEQ	Texas Commission on Environmental Quality
TDC	Texas Demographic Center
TDS	Total Dissolved Solids

TPWD	Texas Parks and Wildlife Department
TRA	Trinity River Authority
TSS	Total Suspended Solids
TTWP	Trans-Texas Water Program
TWC	Texas Water Code
TWDB	Texas Water Development Board
UCM	Unified Costing Model
UHCPP	University of Houston Center for Public Policy
UNESCO	United Nations Educational, Scientific and Cultural Organization
URS	Unique Reservoir Site
USACE	United States Army Corps of Engineers
USDA	United States Department of Agriculture
USFWS	United States Fish and Wildlife Service
USGS	United States Geological Survey
USS	Unique Stream Segment
WAM	Water Availability Model
WCP	Water Conservation Plan
WHCRWA	West Harris County Regional Water Authority
WIF	Water Infrastructure Fund
WMS	Water Management Strategy
WRAP	Water Resources Analysis Package
WTP	Water Treatment Plant
WUD	Water Utility Database
WUG	Water User Group
WWP	Wholesale Water Provider
WWTP	Wastewater Treatment Plant

Water Measurements

Acre-foot (ac-ft) = 43,560 cubic feet = 325,851 gallons

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

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

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

APPENDIX ES-A

TWDB DB27 Summary Tables

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Region H Water User Group (WUG) Population

	WUG Population					
	2030	2040	2050	2060	2070	2080
Austin County Total	**31,300**	**32,379**	**33,366**	**33,805**	**34,125**	**34,449**
Austin County / Brazos Basin Total	**25,705**	**26,661**	**27,576**	**27,985**	**28,278**	**28,560**
Austin County WSC	2,166	2,455	2,683	2,796	2,851	2,908
Bellville	4,333	4,399	4,534	4,599	4,654	4,715
Sealy	7,098	7,437	7,848	8,025	8,158	8,240
West End WSC*	1,062	1,062	1,062	1,062	1,062	1,062
County-Other	11,046	11,308	11,449	11,503	11,553	11,635
Austin County / Brazos-Colorado Basin Total	**5,385**	**5,504**	**5,574**	**5,604**	**5,630**	**5,671**
Austin County WSC	186	211	230	240	245	250
Sealy	41	43	45	46	47	47
Wallis	1,308	1,308	1,308	1,308	1,311	1,318
County-Other	3,850	3,942	3,991	4,010	4,027	4,056
Austin County / Colorado Basin Total	**210**	**214**	**216**	**216**	**217**	**218**
West End WSC*	66	66	66	66	66	66
County-Other	144	148	150	150	151	152
Brazoria County Total	**403,497**	**431,420**	**451,031**	**462,189**	**471,475**	**477,538**
Brazoria County / Brazos Basin Total	**13,727**	**14,211**	**14,638**	**14,806**	**14,975**	**15,048**
Brazoria	356	354	353	346	338	326
Brazoria County FWSD 1	678	756	755	755	755	754
Freeport	1,012	989	979	955	929	893
Lake Jackson	707	690	683	669	653	629
Varner Creek UD	2,363	2,363	2,307	2,307	2,292	2,231
West Columbia	2,743	2,736	2,711	2,671	2,628	2,559
County-Other	5,868	6,323	6,850	7,103	7,380	7,656
Brazoria County / Brazos-Colorado Basin Total	**24,864**	**26,228**	**27,772**	**28,424**	**29,133**	**29,740**
Brazoria	2,478	2,462	2,458	2,408	2,356	2,272
Brazoria County FWSD 1	143	159	159	159	159	159
Freeport	20	19	19	18	18	17
Sweeny	3,110	3,118	3,103	3,071	3,027	2,932
West Columbia	1,548	1,544	1,530	1,508	1,484	1,444
County-Other	17,565	18,926	20,503	21,260	22,089	22,916
Brazoria County / San Jacinto-Brazos Basin Total	**364,906**	**390,981**	**408,621**	**418,959**	**427,367**	**432,750**
Alvin	26,404	27,446	29,129	29,260	29,038	29,158

*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) Population

	WUG Population					
	2030	2040	2050	2060	2070	2080
Angleton	19,244	19,285	19,056	18,640	18,168	17,524
Brazoria County MUD 2	3,846	4,046	4,186	4,377	4,442	4,427
Brazoria County MUD 21	4,748	4,879	4,879	4,916	4,919	4,895
Brazoria County MUD 22	2,804	2,837	2,838	2,839	3,000	3,094
Brazoria County MUD 25	4,361	4,461	4,468	4,511	4,556	4,614
Brazoria County MUD 29	4,322	4,652	4,656	4,687	4,813	4,914
Brazoria County MUD 3	4,185	4,303	4,355	4,466	4,590	4,654
Brazoria County MUD 31	3,277	3,277	3,246	3,246	3,238	3,193
Brazoria County MUD 39	1,695	1,851	1,851	1,973	2,051	2,077
Brazoria County MUD 55	1,787	1,787	1,763	1,744	1,720	1,673
Brazoria County MUD 6	7,252	7,735	7,808	8,054	8,233	8,352
Clute	10,231	9,993	9,897	9,633	9,346	8,960
Danbury	1,673	1,698	1,694	1,670	1,643	1,587
Fort Bend County FWSD 1	43	48	48	80	81	81
Freeport	9,276	9,060	8,972	8,755	8,516	8,187
Hillcrest Village	679	665	661	647	630	607
Lake Jackson	26,179	25,537	25,291	24,759	24,159	23,299
Manvel	6,037	9,423	12,562	13,879	15,295	16,506
Oyster Creek	1,209	1,209	1,201	1,157	1,110	1,052
Pearland	136,520	151,747	158,040	164,420	169,140	171,841
Quadvest*	673	673	669	667	661	647
Richwood	4,596	4,492	4,449	4,325	4,192	4,013
Sedona Lakes MUD 1	1,820	1,916	2,130	2,219	2,232	2,270
Surfside Beach	630	630	617	589	560	526
TDCJ Darrington Unit	1,745	1,745	1,715	1,715	1,697	1,669
TDCJ Ramsey Area	3,300	3,300	3,300	3,300	3,300	3,300
County-Other	76,370	82,286	89,140	92,431	96,037	99,630
Chambers County Total	**60,631**	**79,788**	**102,555**	**127,668**	**154,853**	**185,792**
Chambers County / Neches-Trinity Basin Total	**9,544**	**10,764**	**12,190**	**13,387**	**14,859**	**16,487**
Anahuac	1,678	1,678	1,679	1,679	1,771	1,784
Trinity Bay Conservation District*	6,707	7,371	7,981	8,389	8,923	9,572
County-Other	1,159	1,715	2,530	3,319	4,165	5,131
Chambers County / Trinity Basin Total	**25,141**	**34,400**	**44,543**	**56,646**	**69,722**	**84,656**
Anahuac	318	318	318	318	335	338
Baytown	1,074	1,381	1,738	2,130	2,548	3,014
C C Water Works	2,060	2,975	4,112	5,206	6,395	7,746

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Region H Water User Group (WUG) Population

	WUG Population					
	2030	2040	2050	2060	2070	2080
Mont Belvieu	8,833	11,276	11,807	14,599	17,656	21,161
Trinity Bay Conservation District*	1,510	1,660	1,797	1,889	2,009	2,155
County-Other	11,346	16,790	24,771	32,504	40,779	50,242
Chambers County / Trinity-San Jacinto Basin Total	**25,946**	**34,624**	**45,822**	**57,635**	**70,272**	**84,649**
Baytown	5,714	7,347	9,246	11,337	13,558	16,038
C C Water Works	293	423	584	740	909	1,101
Chambers County MUD 1	5,334	5,749	6,229	6,755	7,311	7,931
Mont Belvieu	2,510	3,204	3,355	4,149	5,018	6,014
County-Other	12,095	17,901	26,408	34,654	43,476	53,565
Fort Bend County Total	**1,025,010**	**1,239,696**	**1,431,122**	**1,584,937**	**1,738,819**	**1,879,698**
Fort Bend County / Brazos Basin Total	**368,539**	**466,712**	**571,859**	**655,170**	**741,260**	**818,846**
First Colony MUD 9	2,872	2,905	3,066	3,208	3,357	3,484
Fort Bend County FWSD 2	332	344	369	387	408	430
Fort Bend County MUD 115	1,489	1,506	1,652	1,681	1,738	1,777
Fort Bend County MUD 116	4,190	4,883	4,887	4,970	5,032	5,127
Fort Bend County MUD 121	3,809	3,809	3,809	3,809	3,809	3,809
Fort Bend County MUD 128	11,342	11,525	11,600	11,601	11,807	12,077
Fort Bend County MUD 129	5,320	5,445	5,497	5,576	5,682	5,926
Fort Bend County MUD 140	2,265	2,266	2,283	2,284	2,607	2,859
Fort Bend County MUD 149	5,158	5,173	5,321	5,332	5,354	5,448
Fort Bend County MUD 152	3,486	3,488	3,508	3,678	3,839	3,854
Fort Bend County MUD 155	4,100	5,005	6,075	6,927	7,670	8,101
Fort Bend County MUD 158	2,416	2,733	3,136	3,458	3,739	3,903
Fort Bend County MUD 162	2,847	2,850	3,081	3,366	4,238	4,600
Fort Bend County MUD 25	2,566	2,645	2,679	2,685	2,715	2,744
Fort Bend County MUD 46	2,454	2,685	2,866	2,953	2,960	2,968
Fort Bend County MUD 49	95	99	99	99	109	109
Fort Bend County MUD 5	3,979	4,488	5,009	5,239	5,293	5,325
Fort Bend County MUD 81	2,568	2,568	3,747	4,602	5,069	5,396
Fort Bend County WCID 3	617	618	618	618	668	700
Fulshear	4,597	7,646	7,750	7,956	8,234	8,431
Needville	1,471	2,376	2,773	2,856	2,883	2,895
North Fort Bend Water Authority	19,924	22,457	24,320	25,905	27,120	28,329
Pecan Grove MUD 1	12,526	13,605	14,262	14,519	14,649	14,837
Plantation MUD	3,900	4,007	4,215	4,269	4,333	4,437

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	2030	2040	2050	2060	2070	2080
Quadvest*	2,597	4,125	5,761	7,209	8,332	9,016
Richmond	18,106	19,556	20,541	20,738	21,374	22,341
Rosenberg	53,516	66,373	77,631	85,487	91,320	96,510
Royal Valley Utilities	2,900	3,214	3,350	3,811	3,899	4,092
Sienna Plantation	26,705	27,566	28,722	29,241	29,813	30,590
Sugar Land	73,802	76,302	78,408	79,902	81,527	83,634
TDCJ Jester Units	1,517	1,517	1,517	1,517	1,517	1,517
Thunderbird UD	1,039	1,065	1,138	1,153	1,175	1,224
County-Other	84,034	151,868	232,169	298,134	368,990	432,356
Fort Bend County / Brazos-Colorado Basin Total	**29,157**	**53,404**	**79,765**	**101,124**	**124,059**	**144,539**
Kendleton	287	1,573	1,573	1,573	1,643	1,687
Needville	1,790	2,891	3,374	3,476	3,507	3,523
County-Other	27,080	48,940	74,818	96,075	118,909	139,329
Fort Bend County / San Jacinto Basin Total	**288,408**	**321,614**	**345,487**	**365,407**	**381,662**	**397,694**
Blue Ridge West MUD	7,226	7,258	7,393	7,794	7,944	8,097
Fort Bend County FWSD 2	1,176	1,218	1,307	1,371	1,445	1,524
Fort Bend County MUD 26	1,021	1,065	1,101	1,163	1,189	1,221
Fort Bend County WCID 2	18,234	19,772	20,724	21,482	22,211	23,041
Fulshear	312	519	526	540	558	572
Houston	36,611	39,919	41,889	43,966	45,505	46,819
Katy	9,967	12,764	14,328	14,462	15,549	16,591
Meadows Place	4,992	5,157	5,389	5,707	5,900	6,091
North Fort Bend Water Authority	191,420	215,758	233,660	248,885	260,562	272,174
Sugar Land	5,866	6,065	6,232	6,351	6,480	6,648
West Harris County Regional Water Authority	11,047	11,291	11,807	12,343	12,748	13,141
Willow Creek Farms MUD	267	342	388	389	390	391
County-Other	269	486	743	954	1,181	1,384
Fort Bend County / San Jacinto-Brazos Basin Total	**338,906**	**397,966**	**434,011**	**463,236**	**491,838**	**518,619**
First Colony MUD 9	4,932	4,990	5,266	5,509	5,765	5,984
Fort Bend County FWSD 1	10,257	16,405	18,720	19,340	20,205	21,046
Fort Bend County FWSD 2	6,211	6,436	6,907	7,242	7,632	8,052
Fort Bend County MUD 131	1,545	1,647	1,727	1,763	2,000	2,129
Fort Bend County MUD 23	14,580	15,088	15,089	15,228	15,362	15,466

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	WUG Population					
	2030	2040	2050	2060	2070	2080
Fort Bend County MUD 24	2,968	3,295	3,295	3,295	3,307	3,321
Fort Bend County MUD 25	10,132	10,445	10,575	10,599	10,717	10,831
Fort Bend County MUD 26	4,549	4,745	4,904	5,184	5,297	5,440
Fort Bend County MUD 42	3,791	3,971	4,079	4,184	4,295	4,418
Fort Bend County MUD 46	25	27	29	30	30	30
Fort Bend County MUD 47	2,455	2,455	2,455	2,455	2,455	2,607
Fort Bend County MUD 48	4,152	4,216	4,263	4,508	4,628	4,685
Fort Bend County MUD 49	772	808	808	808	891	891
Fort Bend County WCID 2	19,921	21,601	22,640	23,469	24,265	25,172
Fulshear	20,642	34,337	34,804	35,730	36,977	37,861
Houston	4,673	5,096	5,347	5,612	5,809	5,977
Meadowcreek MUD	1,722	1,728	1,783	1,818	1,845	1,872
Missouri City	9,956	11,693	12,515	12,883	13,560	13,875
North Fort Bend Water Authority	124,070	139,844	151,447	161,315	168,884	176,410
Palmer Plantation MUD 1	1,882	1,893	1,893	1,893	1,910	1,989
Palmer Plantation MUD 2	2,714	2,715	2,720	2,720	2,721	2,722
Pearland	6,489	8,388	8,642	8,642	8,641	8,642
Pecan Grove MUD 1	166	181	189	193	194	197
Quail Valley UD	11,284	11,730	11,885	12,637	13,029	13,415
Sienna Plantation	12,435	12,835	13,374	13,615	13,882	14,243
Sugar Land	36,264	37,492	38,526	39,261	40,059	41,094
TDCJ Jester Units	4	4	4	4	4	4
Thunderbird UD	3,598	3,689	3,939	3,990	4,070	4,236
County-Other	16,717	30,212	46,186	59,309	73,404	86,010
Galveston County Total	**377,403**	**392,019**	**401,517**	**407,589**	**411,701**	**415,342**
Galveston County / Neches-Trinity Basin Total	**2,987**	**3,018**	**3,033**	**3,048**	**3,053**	**3,056**
Bolivar Peninsula SUD	2,987	3,018	3,033	3,048	3,053	3,056
Galveston County / San Jacinto-Brazos Basin Total	**374,416**	**389,001**	**398,484**	**404,541**	**408,648**	**412,286**
Bacliff MUD	9,095	9,397	9,574	9,703	9,772	9,834
Bayview MUD	1,458	1,546	1,600	1,633	1,656	1,675
Friendswood	32,928	34,228	35,080	35,748	36,163	36,490
Galveston	57,160	57,523	58,340	58,817	59,213	59,588
Galveston County FWSD 6	1,107	1,107	1,107	1,107	1,107	1,107
Galveston County MUD 12	2,301	2,302	2,302	2,302	2,302	2,302
Galveston County WCID 1	26,453	27,401	27,883	28,220	28,472	28,677

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Region H Water User Group (WUG) Population

	WUG Population					
	2030	2040	2050	2060	2070	2080
Galveston County WCID 12	3,426	3,534	3,604	3,632	3,657	3,680
Galveston County WCID 8	4,276	4,378	4,446	4,465	4,478	4,488
Hitchcock	7,403	7,639	7,646	7,684	7,748	7,800
Jamaica Beach	1,085	1,085	1,085	1,088	1,088	1,088
La Marque	18,972	20,245	20,868	21,282	21,555	21,794
League City	119,625	125,140	128,569	130,498	131,855	133,126
San Leon MUD	6,246	6,470	6,643	6,702	6,765	6,827
Texas City	57,263	59,723	61,462	62,597	63,368	64,047
County-Other	25,618	27,283	28,275	29,063	29,449	29,763
Harris County Total	**5,193,657**	**5,392,541**	**5,547,593**	**5,621,183**	**5,671,911**	**5,720,523**
Harris County / San Jacinto Basin Total	**4,751,332**	**4,927,156**	**5,071,825**	**5,140,608**	**5,191,322**	**5,239,646**
Baker Road MUD	1,000	1,033	1,031	1,029	1,107	1,150
Baytown	57,365	66,631	70,025	71,063	69,788	68,301
Bellaire	17,749	18,105	18,129	18,152	17,882	17,696
Blue Bell Manor Utility	3,864	3,876	3,991	4,046	3,975	3,977
Bunker Hill Village	3,938	4,140	4,142	4,143	4,155	4,140
Central Harris County Regional Water Authority	55,020	55,769	56,415	56,874	58,329	59,324
Chimney Hill MUD	5,269	5,269	5,269	5,270	5,271	5,274
Country Terrace Water	1,375	1,375	1,377	1,377	1,378	1,367
Crosby MUD	6,845	7,599	7,665	7,972	8,492	8,496
Deer Park	8,917	9,000	9,063	9,090	9,127	9,091
Douglas Utility	2,148	2,164	2,203	2,245	2,196	2,208
El Dorado UD	3,343	3,459	3,740	3,815	3,893	3,928
Forest Hills MUD	2,935	2,936	2,936	2,936	2,911	2,894
Fort Bend County WCID 2	1,337	1,339	1,340	1,345	1,354	1,381
Galena Park	10,952	11,062	11,372	11,504	11,677	11,172
Green Trails MUD	1,971	2,017	2,018	2,020	2,068	2,105
Greenwood UD	9,992	10,069	10,069	10,077	9,994	10,012
Harris County FWSD 1-A	2,682	2,698	2,711	2,711	2,733	2,654
Harris County FWSD 27	2,932	3,482	3,682	3,793	4,384	4,193
Harris County FWSD 58	1,661	1,670	1,670	1,670	1,670	1,670
Harris County MUD 106	4,454	4,531	4,689	4,773	4,956	5,019
Harris County MUD 11	3,722	3,722	3,722	3,722	3,691	3,673
Harris County MUD 119	6,759	6,944	6,945	6,946	6,902	6,880
Harris County MUD 122	1,353	1,399	1,395	1,391	1,410	1,498
Harris County MUD 132	6,564	6,736	6,961	7,047	7,254	7,360

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Region H Water User Group (WUG) Population

	WUG Population					
	2030	2040	2050	2060	2070	2080
Harris County MUD 148	6,223	6,378	7,018	7,324	7,337	7,350
Harris County MUD 151	6,746	6,861	7,002	7,078	7,382	7,439
Harris County MUD 152	8,559	8,722	9,018	9,130	9,439	9,551
Harris County MUD 153	8,972	9,136	9,385	9,491	9,795	9,906
Harris County MUD 154	10,425	10,549	10,815	10,892	11,193	11,316
Harris County MUD 180	6,171	6,302	6,331	6,361	6,478	6,643
Harris County MUD 189	3,659	3,798	3,842	3,873	4,010	4,188
Harris County MUD 216	2,461	2,515	2,505	2,495	2,506	2,524
Harris County MUD 221	5,623	5,681	5,803	5,856	5,979	6,035
Harris County MUD 23	3,809	3,816	3,816	3,816	3,786	3,770
Harris County MUD 261	1,044	1,086	1,115	1,126	1,123	1,130
Harris County MUD 278	9,870	9,984	10,672	10,923	11,049	11,131
Harris County MUD 290	9,655	9,883	10,472	10,713	11,058	11,183
Harris County MUD 321	1,239	1,366	1,401	1,414	1,401	1,395
Harris County MUD 342	4,265	4,316	5,233	5,656	5,677	5,773
Harris County MUD 344	4,474	5,426	5,426	5,426	5,432	5,436
Harris County MUD 345	3,819	3,854	3,876	3,898	4,064	4,079
Harris County MUD 36	1,849	1,947	2,651	2,950	2,967	3,062
Harris County MUD 361	4,837	4,911	5,175	5,288	5,425	5,475
Harris County MUD 372	2,585	2,734	2,732	2,736	2,812	2,906
Harris County MUD 400	9,503	9,631	10,197	10,424	10,762	10,877
Harris County MUD 412	4,322	4,423	5,040	5,292	5,381	5,458
Harris County MUD 420	1,699	1,699	1,799	1,800	1,757	1,757
Harris County MUD 46	4,526	4,526	4,541	4,550	4,550	4,551
Harris County MUD 49	8,827	9,038	9,542	9,802	9,830	9,860
Harris County MUD 494	2,877	2,932	3,131	3,213	3,316	3,353
Harris County MUD 5	6,571	6,679	6,745	6,805	6,958	7,190
Harris County MUD 50	3,595	3,681	3,836	3,892	4,071	4,180
Harris County MUD 504	4,086	4,086	4,096	4,101	4,109	4,133
Harris County MUD 58	1,847	1,847	1,847	1,847	1,847	1,847
Harris County MUD 6	3,732	3,748	3,755	3,756	3,725	3,709
Harris County MUD 8	5,110	5,237	5,515	5,636	5,551	5,564
Harris County MUD 96	8,521	8,547	9,146	9,388	9,442	9,516
Harris County UD 14	3,125	3,140	3,162	3,176	3,165	3,206
Harris County UD 15	3,751	3,766	3,766	3,766	3,847	3,921
Harris County WCID 1	8,523	8,645	9,022	9,176	9,715	9,801
Harris County WCID 133	6,198	6,353	6,362	6,369	6,325	6,305
Harris County WCID 70	1,512	1,512	1,512	1,512	1,512	1,512

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Region H Water User Group (WUG) Population

	WUG Population					
	2030	2040	2050	2060	2070	2080
Harris County WCID 74	5,713	5,782	5,963	5,979	5,897	5,904
Harris County WCID 96	8,240	8,414	9,562	9,907	9,706	9,740
Harris County WCID-Fondren Road	2,863	2,936	2,936	2,937	2,917	2,907
Hilshire Village	809	809	809	810	804	800
HMW SUD	2,376	2,391	2,427	2,432	2,500	2,570
Houston	2,201,168	2,268,148	2,325,447	2,350,105	2,338,115	2,344,121
Humble	23,654	24,530	28,051	29,693	30,661	31,130
Jacinto City	9,664	9,753	10,096	10,229	10,387	9,842
Jersey Village	9,298	9,638	9,732	9,789	10,061	10,415
Katy	12,339	12,585	12,671	12,756	13,049	13,398
Kings Manor MUD	1,041	1,041	1,041	1,041	1,046	1,046
La Porte	2,476	2,654	2,677	2,694	2,610	2,677
Lake MUD	8,100	8,365	8,529	8,595	9,028	9,115
Longhorn Town UD	1,925	1,933	1,926	1,918	1,921	1,973
Luce Bayou PUD	454	870	878	887	887	894
Mason Creek UD	7,462	7,556	7,561	7,567	7,719	7,869
Meadows Place	4	4	4	4	4	5
Memorial Villages Water Authority	11,229	11,343	12,250	12,636	12,450	12,448
Morgans Point	21	22	22	22	22	21
Mount Houston Road MUD	7,988	8,162	8,187	8,189	8,119	8,088
Newport MUD	12,664	12,706	13,607	14,143	14,729	14,746
Nitsch and Son Utility	1,855	1,855	1,855	1,855	1,855	1,855
North Belt UD	2,805	2,812	3,253	3,450	3,470	3,522
North Channel Water Authority	111,189	115,356	121,986	125,492	125,725	126,685
North Forest MUD	1,564	1,565	1,584	1,584	1,585	1,641
North Fort Bend Water Authority	10,121	10,344	10,396	10,414	10,797	11,210
North Green MUD	4,745	4,858	5,006	5,084	5,181	5,228
North Harris County Regional Water Authority	842,265	860,999	886,060	898,264	927,801	947,380
Northeast Harris County MUD 1	506	508	509	509	511	536
Northwest Harris County MUD 16	3,539	3,638	3,664	3,702	3,834	3,941
Parkway MUD	6,534	6,679	6,685	6,692	6,643	6,645
Pasadena	111,532	113,133	114,008	114,395	114,425	114,145
Pine Village PUD	2,876	2,989	3,005	3,064	3,010	3,018
Pinewood Community	931	962	989	1,012	1,052	1,057
Quadvest*	142	142	170	177	176	178
Rolling Fork PUD	2,372	2,436	2,522	2,554	2,524	2,528
Sequoia Improvement District	895	894	895	895	883	884

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Region H Water User Group (WUG) Population

	WUG Population					
	2030	2040	2050	2060	2070	2080
South Houston	16,605	16,915	17,017	17,063	17,109	17,098
Southern Water	4,864	4,892	5,148	5,283	5,172	5,158
Southside Place	1,903	1,940	1,941	1,941	1,896	1,862
Southwest Harris County MUD 1	1,696	1,751	1,751	1,758	1,750	1,748
Spring Meadows MUD	2,380	2,895	2,914	2,914	2,914	2,914
Spring Valley	4,317	4,445	4,447	4,447	4,417	4,402
Suburban Utility	6,060	6,410	8,203	8,663	8,796	8,863
Sunbelt FWSD	27,122	27,703	28,114	28,491	28,194	28,209
The Commons Water Supply	2,963	2,963	2,963	2,963	2,963	2,963
Tomball	16,645	18,045	20,593	21,721	23,140	23,694
Trail of the Lakes MUD	10,402	10,547	10,861	11,018	11,373	11,457
Waller	897	1,140	1,138	1,136	1,136	1,136
West Harris County MUD 6	2,816	2,871	2,868	2,855	2,866	2,896
West Harris County Regional Water Authority	587,400	608,870	614,044	616,828	633,481	649,291
West University Place	15,512	15,777	15,795	15,773	15,342	15,085
Westfield Garden Park	622	627	627	627	621	621
Windfern Forest Utility District	4,821	4,830	4,922	4,964	4,910	4,903
Woodcreek MUD	2,882	2,882	2,882	2,882	2,882	2,882
County-Other	189,309	227,061	248,772	261,843	268,883	271,807
Harris County / San Jacinto-Brazos Basin Total	**369,333**	**379,440**	**384,011**	**386,050**	**385,866**	**386,764**
Baybrook MUD 1	2,337	2,472	2,503	2,519	2,587	2,670
Clear Brook City MUD	20,487	20,622	20,526	20,430	20,643	20,744
Clear Lake City Water Authority	64,000	65,297	66,088	66,495	66,840	66,065
Deer Park	25,983	26,227	26,409	26,486	26,595	26,490
Friendswood	11,040	11,243	11,157	11,069	11,195	11,345
Harris County MUD 55	15,587	15,782	15,609	15,444	15,535	15,637
Harris County WCID 156	814	815	815	815	815	810
Harris County WCID 161	1,413	1,413	1,413	1,413	1,397	1,368
Harris County WCID 50	3,181	3,187	3,187	3,187	3,176	3,164
Harris County WCID 89	4,779	4,839	4,836	4,833	4,798	4,798
Houston	96,982	99,933	102,458	103,544	103,016	103,280
Kirkmont MUD	2,472	2,522	2,502	2,481	2,494	2,500
La Porte	33,002	35,375	35,675	35,898	34,780	35,673
League City	2,499	2,516	2,499	2,481	2,555	2,626
Morgans Point	283	301	301	301	298	288
Nassau Bay	5,405	5,467	5,494	5,513	5,532	5,514

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Region H Water User Group (WUG) Population

	WUG Population					
	2030	2040	2050	2060	2070	2080
Pasadena	30,801	31,243	31,485	31,592	31,600	31,523
Pearland	9,743	10,040	10,161	10,278	10,429	10,592
Sagemeadow UD	7,231	7,319	7,270	7,221	7,321	7,436
Seabrook	13,856	14,105	14,306	14,390	14,374	14,317
Shoreacres	1,534	1,534	1,543	1,546	1,555	1,561
Webster	11,307	11,675	11,734	11,756	11,802	11,763
County-Other	4,597	5,513	6,040	6,358	6,529	6,600
Harris County / Trinity-San Jacinto Basin Total	**72,992**	**85,945**	**91,757**	**94,525**	**94,723**	**94,113**
Baytown	41,150	47,797	50,231	50,976	50,061	48,995
Lake MUD	475	491	500	504	530	535
Spring Meadows MUD	2,136	2,597	2,614	2,614	2,614	2,614
County-Other	29,231	35,060	38,412	40,431	41,518	41,969
Leon County Total	**14,943**	**14,118**	**13,293**	**12,738**	**12,162**	**11,564**
Leon County / Brazos Basin Total	**4,005**	**4,001**	**4,046**	**4,040**	**4,051**	**4,089**
Concord-Robbins WSC	1,391	1,187	956	820	668	500
High Prairie WSC	92	133	186	212	244	282
Hilltop Lakes WSC	1,515	1,844	2,256	2,472	2,727	3,034
Jewett	94	67	49	35	25	18
Normangee	73	54	40	30	22	16
Southeast WSC	37	37	37	36	36	36
County-Other	803	679	522	435	329	203
Leon County / Trinity Basin Total	**10,938**	**10,117**	**9,247**	**8,698**	**8,111**	**7,475**
Buffalo	1,573	1,490	1,396	1,337	1,270	1,195
Centerville	872	861	845	835	820	803
Concord-Robbins WSC	405	345	278	238	195	145
Flo Community WSC*	3,079	2,967	2,867	2,790	2,716	2,643
Jewett	467	334	243	172	122	89
Normangee	216	159	119	87	65	48
Southeast WSC	2,080	2,060	2,040	2,021	2,002	1,983
County-Other	2,246	1,901	1,459	1,218	921	569
Liberty County Total	**115,074**	**144,265**	**176,682**	**209,923**	**243,006**	**278,364**
Liberty County / Neches Basin Total	**3,960**	**4,046**	**4,148**	**4,256**	**4,398**	**4,566**
Daisetta	931	931	931	931	931	931
Devers	1	1	1	1	1	1
Hardin WSC	1,952	1,988	2,032	2,076	2,155	2,256

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Region H Water User Group (WUG) Population

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	2030	2040	2050	2060	2070	2080
Liberty County FWSD 1 Hull	486	486	486	486	486	486
West Hardin WSC*	448	448	448	448	448	448
County-Other	142	192	250	314	377	444
Liberty County / Neches-Trinity Basin Total	**44**	**59**	**77**	**97**	**116**	**137**
County-Other	44	59	77	97	116	137
Liberty County / San Jacinto Basin Total	**44,448**	**56,944**	**70,816**	**84,139**	**98,177**	**113,082**
Cleveland	7,976	8,930	10,011	11,007	12,022	13,015
Mercy WSC	674	674	675	675	675	717
Quadvest*	5,172	5,961	7,114	7,685	8,451	9,282
South Cleveland WSC	7,602	11,706	15,701	19,054	23,080	27,341
Splendora	1,639	2,167	2,495	3,013	3,458	3,934
T & W Water Service	254	332	411	480	544	612
Tarkington SUD	3,893	3,970	4,082	4,176	4,304	4,407
County-Other	17,238	23,204	30,327	38,049	45,643	53,774
Liberty County / Trinity Basin Total	**56,802**	**70,052**	**84,544**	**100,077**	**114,802**	**130,610**
Ames Minglewood WSC	1,212	1,212	1,214	1,214	1,281	1,345
Dayton	12,178	15,207	17,505	19,872	21,619	23,536
Devers	542	542	542	542	544	547
Hardin WSC	2,242	2,284	2,334	2,385	2,476	2,592
Lake Livingston WSC*	969	969	969	969	969	969
Liberty	8,205	8,337	8,502	8,696	8,793	8,867
Raywood WSC	709	709	709	729	786	871
T & W Water Service	963	1,261	1,562	1,823	2,066	2,324
Tarkington SUD	1,621	1,653	1,699	1,738	1,792	1,834
Woodcreek Water Of Liberty	87	87	115	140	141	145
County-Other	28,074	37,791	49,393	61,969	74,335	87,580
Liberty County / Trinity-San Jacinto Basin Total	**9,820**	**13,164**	**17,097**	**21,354**	**25,513**	**29,969**
Dayton	560	700	806	915	995	1,083
County-Other	9,260	12,464	16,291	20,439	24,518	28,886
Madison County Total	**13,618**	**13,805**	**13,876**	**13,996**	**14,121**	**14,251**
Madison County / Brazos Basin Total	**1,281**	**1,302**	**1,311**	**1,326**	**1,341**	**1,357**
High Prairie WSC	239	238	238	238	237	237
North Zulch MUD	694	694	694	694	694	694

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County-Other	348	370	379	394	410	426
Madison County / Trinity Basin Total	**12,337**	**12,503**	**12,565**	**12,670**	**12,780**	**12,894**
High Prairie WSC	1,522	1,520	1,517	1,514	1,512	1,509
Madisonville	4,312	4,304	4,295	4,286	4,277	4,268
Normangee	56	56	56	56	56	56
North Zulch MUD	1,306	1,306	1,306	1,306	1,306	1,306
TDCJ Ferguson Unit	2,413	2,413	2,413	2,413	2,413	2,413
County-Other	2,728	2,904	2,978	3,095	3,216	3,342
Montgomery County Total	**759,919**	**913,804**	**1,063,722**	**1,187,174**	**1,277,864**	**1,355,552**
Montgomery County / San Jacinto Basin Total	**759,919**	**913,804**	**1,063,722**	**1,187,174**	**1,277,864**	**1,355,552**
Blaketree MUD 1 of Montgomery County	142	265	465	509	509	509
Chateau Woods MUD	3,099	4,100	4,166	4,277	4,332	4,451
Conroe	97,770	119,199	150,040	180,569	198,690	216,713
Conroe Resort Utilities	755	805	877	951	1,024	1,100
Corinthian Point MUD 2	631	687	813	854	889	918
Cut & Shoot	10,488	13,013	15,408	17,596	19,538	19,939
Dobbin Plantersville WSC*	9,739	15,753	21,728	26,082	29,347	30,982
Domestic Water	1,386	1,399	1,435	1,581	1,721	1,748
East Montgomery County MUD 6	2,159	2,277	2,588	3,167	3,622	3,561
East Plantation UD	1,182	1,193	1,707	1,976	1,937	1,947
Far Hills UD	1,184	1,500	1,737	1,897	2,031	2,130
G & W WSC*	64	79	102	115	137	149
Grand Oaks MUD	1,147	1,211	1,227	1,246	1,276	1,301
Harris-Montgomery Counties MUD 386	2,710	2,818	2,822	2,831	2,853	3,027
HMW SUD	7,402	8,713	9,986	10,760	11,369	11,853
Houston	7,931	8,545	9,262	9,840	10,373	10,821
Johnston Water Utility	2,858	4,151	4,937	5,470	5,914	6,257
Keenan WSC	1,119	1,545	2,157	2,431	2,627	2,796
Kings Manor MUD	2,954	3,014	3,082	3,154	3,226	3,304
Lake Bonanza WSC	2,440	2,960	3,521	3,918	4,199	4,393
Lake Conroe Hills MUD	1,709	2,014	2,083	2,153	2,224	2,298
Lazy River Improvement District	1,145	1,213	1,253	1,319	1,380	1,444
Magnolia	3,168	3,780	4,417	4,634	4,773	4,933
Montgomery	2,845	3,643	3,809	3,900	3,982	4,040
Montgomery County MUD 105	1,218	1,297	1,370	1,431	1,505	1,555

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	2030	2040	2050	2060	2070	2080
Montgomery County MUD 112	3,515	3,743	3,990	4,004	4,097	5,174
Montgomery County MUD 115	4,820	4,958	5,157	5,271	5,457	5,637
Montgomery County MUD 119	9,636	10,595	11,052	11,518	11,989	12,477
Montgomery County MUD 126	999	1,150	1,482	1,908	2,256	2,225
Montgomery County MUD 127	4,279	4,322	4,346	4,361	4,462	4,576
Montgomery County MUD 137	1,246	1,499	1,704	1,814	1,883	1,915
Montgomery County MUD 139	4,390	4,390	4,390	4,390	4,390	4,390
Montgomery County MUD 15	7,165	7,647	7,795	7,913	8,104	8,316
Montgomery County MUD 18	4,706	5,005	5,187	5,359	5,532	5,712
Montgomery County MUD 19	2,755	2,801	2,824	2,847	2,847	2,864
Montgomery County MUD 24	1,058	1,295	1,346	1,398	1,451	1,507
Montgomery County MUD 56	1,143	1,195	1,294	1,318	1,354	1,375
Montgomery County MUD 8	4,127	4,286	4,430	4,577	4,726	4,881
Montgomery County MUD 83	2,178	2,282	2,364	2,444	2,524	2,602
Montgomery County MUD 84	2,439	2,583	2,700	2,809	2,916	3,021
Montgomery County MUD 88	3,686	3,702	3,716	3,724	3,840	3,972
Montgomery County MUD 89	5,561	5,714	5,891	6,080	6,311	6,550
Montgomery County MUD 9	4,886	5,025	5,202	5,384	5,569	5,761
Montgomery County MUD 94	5,779	6,252	6,476	6,706	6,938	7,180
Montgomery County MUD 95	3,367	4,220	4,560	4,583	4,690	4,728
Montgomery County MUD 98	2,437	2,502	2,576	2,654	2,734	2,816
Montgomery County MUD 99	1,516	1,675	1,937	2,016	2,189	2,200
Montgomery County UD 2	1,640	1,886	1,941	1,998	2,055	2,114
Montgomery County UD 3	2,259	2,338	2,432	2,529	2,627	2,726
Montgomery County UD 4	3,445	3,561	3,696	3,837	3,979	4,126
Montgomery County WCID 1	5,662	6,314	6,492	6,519	6,666	6,795
MSEC Enterprises*	18,756	24,266	28,726	31,536	32,360	33,893
New Caney MUD	17,475	21,696	24,651	27,264	29,482	30,559
North Harris County Regional Water Authority	42	49	52	54	56	58
Oak Ridge North	3,167	3,752	3,975	4,448	4,412	4,412
Panorama Village	2,970	3,095	3,174	3,256	3,341	3,428
Patton Village	832	969	1,202	1,547	1,588	1,627
Pinehurst Decker Prairie WSC	1,514	1,900	2,255	2,696	2,920	3,065
Point Aquarius MUD	2,725	3,339	3,829	4,157	4,320	4,489
Porter SUD	29,274	35,914	39,551	42,109	44,098	46,225
Quadvest*	23,623	29,654	34,273	36,954	38,611	40,893
Ranch Crest Water	1,150	1,342	1,383	1,385	1,407	1,439

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Region H Water User Group (WUG) Population

	WUG Population					
	2030	2040	2050	2060	2070	2080
Rayford Road MUD	8,450	8,652	8,879	9,031	9,298	9,572
River Plantation MUD	2,636	3,365	3,924	4,923	4,849	4,852
Roman Forest Consolidated MUD	1,607	2,178	2,763	3,564	3,940	3,958
Shenandoah	5,206	6,252	6,480	6,704	6,771	6,815
Southern Montgomery County MUD	9,795	10,240	10,300	10,336	10,626	10,837
Splendora	9,888	12,880	16,319	20,773	24,447	24,464
Spring Creek UD	10,112	10,432	10,792	11,128	11,468	11,789
Stanley Lake MUD	3,833	3,970	4,093	4,217	4,326	4,476
T & W Water Service	8,375	9,443	11,010	12,170	13,229	13,698
The Woodlands	101,086	106,009	108,589	109,665	113,970	125,806
Valley Ranch MUD 1	3,322	3,849	4,145	4,280	4,413	4,554
Westwood North WSC	3,408	3,599	4,099	4,162	4,162	4,900
White Oak WSC	1,753	2,114	2,311	2,680	2,854	3,111
Willis	6,593	7,061	7,519	7,913	8,252	8,507
Wood Branch Village	1,664	2,122	2,699	3,599	3,706	3,813
Wood Trace MUD 1	1,568	1,607	1,656	1,759	1,850	1,919
Woodland Oaks Utility	3,951	4,457	4,886	5,178	5,424	5,611
Woodridge MUD	2,012	2,312	2,448	2,586	2,726	2,870
County-Other	211,193	281,172	351,767	406,478	447,894	476,103
Polk County Total	**49,128**	**53,052**	**54,988**	**57,102**	**59,421**	**61,965**
Polk County / Trinity Basin Total	**49,128**	**53,052**	**54,988**	**57,102**	**59,421**	**61,965**
Lake Livingston WSC*	9,887	10,732	11,150	11,606	12,107	12,656
Leggett WSC*	1,653	1,787	1,854	1,926	2,005	2,093
Livingston	6,638	7,189	7,462	7,759	8,085	8,443
Memorial Point UD	761	827	860	895	934	977
Moscow WSC*	206	225	233	243	253	264
Onalaska WSC	3,627	3,939	4,093	4,261	4,446	4,648
Providence WSC	5,360	5,822	6,051	6,301	6,574	6,875
Soda WSC*	1,848	2,007	2,085	2,172	2,266	2,369
Tempe WSC 1	3,022	3,283	3,411	3,552	3,706	3,875
County-Other*	16,126	17,241	17,789	18,387	19,045	19,765
San Jacinto County Total	**28,041**	**27,821**	**27,068**	**26,335**	**25,531**	**24,649**
San Jacinto County / San Jacinto Basin Total	**12,183**	**12,088**	**11,759**	**11,440**	**11,090**	**10,706**
Dodge Oakhurst WSC	71	70	68	66	64	62
Mercy WSC	4,039	4,008	3,899	3,793	3,677	3,549
One Five O WSC	2,325	2,306	2,244	2,182	2,116	2,042

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Region H Water User Group (WUG) Population

	WUG Population					
	2030	2040	2050	2060	2070	2080
P B & S C WSC	199	198	192	187	181	175
San Jacinto SUD	601	596	581	566	549	530
County-Other	4,948	4,910	4,775	4,646	4,503	4,348
San Jacinto County / Trinity Basin Total	**15,858**	**15,733**	**15,309**	**14,895**	**14,441**	**13,943**
Cape Royale UD	585	580	564	548	532	513
Dodge Oakhurst WSC	579	574	559	544	528	509
Lake Livingston WSC*	2,330	2,311	2,248	2,187	2,119	2,046
P B & S C WSC	1,698	1,683	1,638	1,593	1,545	1,492
Riverside SUD	479	475	462	449	436	421
San Jacinto SUD	1,711	1,699	1,654	1,610	1,562	1,508
Shepherd	1,986	1,971	1,920	1,868	1,812	1,751
Waterwood MUD 1	294	292	284	277	268	259
County-Other	6,196	6,148	5,980	5,819	5,639	5,444
Trinity County Total	**10,118**	**9,471**	**8,857**	**8,449**	**8,026**	**7,587**
Trinity County / Trinity Basin Total	**10,118**	**9,471**	**8,857**	**8,449**	**8,026**	**7,587**
Glendale WSC	532	499	466	444	422	398
Groveton*	445	417	392	377	361	344
Pennington WSC*	642	600	561	535	508	480
Trinity	3,119	2,918	2,727	2,598	2,465	2,327
Trinity Rural WSC	2,875	2,693	2,521	2,408	2,290	2,169
Westwood Shores MUD	792	742	693	660	627	592
County-Other*	1,713	1,602	1,497	1,427	1,353	1,277
Walker County Total	**91,068**	**97,641**	**108,926**	**122,073**	**136,496**	**152,319**
Walker County / San Jacinto Basin Total	**62,060**	**66,978**	**75,414**	**85,489**	**96,494**	**108,527**
Dodge Oakhurst WSC	1,072	1,299	1,673	2,180	2,717	3,292
Huntsville	49,671	54,149	61,752	71,028	81,097	92,058
New Waverly	870	772	689	594	515	448
One Five O WSC	56	67	84	108	133	160
Phelps SUD	1,284	1,310	1,360	1,389	1,428	1,477
Quadvest*	588	766	1,058	1,462	1,889	2,344
Walker County SUD	3,689	3,957	4,385	4,850	5,357	5,912
County-Other	4,830	4,658	4,413	3,878	3,358	2,836
Walker County / Trinity Basin Total	**29,008**	**30,663**	**33,512**	**36,584**	**40,002**	**43,792**
Dodge Oakhurst WSC	1,416	1,714	2,209	2,877	3,586	4,345
Huntsville	9,511	10,368	11,824	13,600	15,528	17,626

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Region H Water User Group (WUG) Population

	WUG Population					
	2030	2040	2050	2060	2070	2080
Lake Livingston WSC*	374	432	529	657	793	940
Phelps SUD	562	573	596	608	625	647
Riverside SUD	4,801	5,064	5,525	6,023	6,580	7,199
Trinity Rural WSC	32	20	12	12	12	12
Walker County SUD	5,705	6,120	6,781	7,501	8,285	9,143
County-Other	6,607	6,372	6,036	5,306	4,593	3,880
Waller County Total	**71,599**	**85,525**	**101,637**	**119,998**	**139,204**	**158,434**
Waller County / Brazos Basin Total	**37,213**	**41,607**	**48,010**	**56,096**	**65,213**	**74,833**
Brookshire MWD	5,628	5,866	5,875	5,951	6,458	6,955
G & W WSC*	2,434	2,474	2,513	2,549	2,576	2,619
Hempstead	6,638	6,824	6,828	6,861	6,912	6,915
Pattison WSC	1,492	1,505	1,583	1,624	1,666	1,702
Prairie View	2,572	3,143	3,403	3,716	4,087	4,360
Prairie View A&M University	6,036	6,132	6,176	6,229	6,289	6,365
Quadvest*	2	2	2	2	5	7
County-Other	12,411	15,661	21,630	29,164	37,220	45,910
Waller County / San Jacinto Basin Total	**34,386**	**43,918**	**53,627**	**63,902**	**73,991**	**83,601**
G & W WSC*	8,507	8,647	8,783	8,905	9,001	9,151
Katy	4,711	10,430	13,060	15,329	17,001	17,808
North Fort Bend Water Authority	79	126	345	379	397	398
Oak Hollow Utility	2,041	2,042	2,044	2,068	2,080	2,080
Prairie View	1,241	1,517	1,642	1,793	1,972	2,104
Prairie View A&M University	13	13	13	13	13	13
Quadvest*	127	127	127	127	299	423
Waller	1,965	2,040	2,226	2,300	2,411	2,485
Willow Creek Farms MUD	3,815	3,978	4,671	5,058	5,170	5,170
County-Other	11,887	14,998	20,716	27,930	35,647	43,969
Region H Population Total	**8,245,006**	**8,927,345**	**9,536,233**	**9,995,159**	**10,398,715**	**10,778,027**

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Region H Water User Group (WUG) Demand

	WUG Demand (acre-feet per year)					
	2030	2040	2050	2060	2070	2080
Austin County Total	**13,138**	**13,296**	**13,481**	**13,573**	**13,643**	**13,711**
Austin County / Brazos Basin Total	**8,398**	**8,545**	**8,722**	**8,810**	**8,877**	**8,940**
Austin County WSC	306	345	377	393	401	409
Bellville	1,180	1,195	1,232	1,250	1,265	1,281
Sealy	1,416	1,478	1,559	1,594	1,621	1,637
West End WSC*	111	110	110	110	110	110
County-Other	1,267	1,290	1,306	1,313	1,318	1,327
Manufacturing	15	16	17	18	19	20
Mining	73	81	91	102	113	126
Steam Electric Power	888	888	888	888	888	888
Livestock	919	919	919	919	919	919
Irrigation	2,223	2,223	2,223	2,223	2,223	2,223
Austin County / Brazos-Colorado Basin Total	**4,696**	**4,707**	**4,715**	**4,719**	**4,722**	**4,727**
Austin County WSC	26	30	32	34	34	35
Sealy	8	8	9	9	9	9
Wallis	153	152	152	152	152	153
County-Other	442	450	455	457	460	463
Livestock	283	283	283	283	283	283
Irrigation	3,784	3,784	3,784	3,784	3,784	3,784
Austin County / Colorado Basin Total	**44**	**44**	**44**	**44**	**44**	**44**
West End WSC*	7	7	7	7	7	7
County-Other	17	17	17	17	17	17
Livestock	20	20	20	20	20	20
Brazoria County Total	**393,739**	**406,382**	**418,392**	**429,616**	**440,892**	**452,023**
Brazoria County / Brazos Basin Total	**179,454**	**185,900**	**192,587**	**199,478**	**206,625**	**214,022**
Brazoria	45	45	45	44	43	41
Brazoria County FWSD 1	85	94	94	94	94	94
Freeport	139	135	134	130	127	122
Lake Jackson	135	131	130	127	124	120
Varner Creek UD	320	319	312	312	310	301
West Columbia	292	290	287	283	279	271
County-Other	871	934	1,012	1,049	1,090	1,131
Manufacturing	172,555	178,940	185,561	192,427	199,546	206,930
Livestock	315	315	315	315	315	315

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Region H Water User Group (WUG) Demand

	WUG Demand (acre-feet per year)					
	2030	2040	2050	2060	2070	2080
Irrigation	4,697	4,697	4,697	4,697	4,697	4,697
Brazoria County / Brazos-Colorado Basin Total	**45,818**	**47,360**	**48,996**	**50,553**	**52,171**	**53,832**
Brazoria	314	310	310	303	297	287
Brazoria County FWSD 1	18	20	20	20	20	20
Freeport	3	3	3	3	2	2
Sweeny	500	499	497	492	485	469
West Columbia	165	164	162	160	157	153
County-Other	2,606	2,796	3,029	3,141	3,263	3,385
Manufacturing	36,666	38,022	39,429	40,888	42,401	43,970
Livestock	357	357	357	357	357	357
Irrigation	5,189	5,189	5,189	5,189	5,189	5,189
Brazoria County / San Jacinto-Brazos Basin Total	**168,467**	**173,122**	**176,809**	**179,585**	**182,096**	**184,169**
Alvin	3,151	3,259	3,458	3,474	3,448	3,462
Angleton	1,906	1,899	1,876	1,835	1,789	1,725
Brazoria County MUD 2	1,566	1,645	1,702	1,779	1,806	1,800
Brazoria County MUD 21	685	701	701	706	707	703
Brazoria County MUD 22	474	478	479	479	506	522
Brazoria County MUD 25	411	418	419	423	427	432
Brazoria County MUD 29	428	459	459	462	475	485
Brazoria County MUD 3	629	643	651	668	686	696
Brazoria County MUD 31	851	850	842	842	840	828
Brazoria County MUD 39	678	739	739	788	819	830
Brazoria County MUD 55	396	395	390	386	381	370
Brazoria County MUD 6	1,531	1,626	1,641	1,693	1,731	1,756
Clute	1,571	1,528	1,513	1,473	1,429	1,370
Danbury	164	166	165	163	160	155
Fort Bend County FWSD 1	3	3	3	5	5	5
Freeport	1,272	1,236	1,223	1,194	1,162	1,117
Hillcrest Village	107	105	104	102	99	96
Lake Jackson	4,990	4,850	4,803	4,702	4,588	4,424
Manvel	849	1,321	1,761	1,945	2,144	2,314
Oyster Creek	262	261	259	250	239	227
Pearland	19,077	21,111	21,987	22,874	23,531	23,907
Quadvest*	147	147	146	145	144	141
Richwood	457	445	440	428	415	397

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Region H Water User Group (WUG) Demand

	WUG Demand (acre-feet per year)					
	2030	2040	2050	2060	2070	2080
Sedona Lakes MUD 1	277	291	323	337	338	344
Surfside Beach	233	233	228	217	207	194
TDCJ Darrington Unit	803	801	788	788	779	766
TDCJ Ramsey Area	2,776	2,773	2,773	2,773	2,773	2,773
County-Other	11,332	12,156	13,168	13,654	14,187	14,718
Manufacturing	29,320	30,405	31,530	32,696	33,906	35,160
Mining	508	565	625	691	762	839
Livestock	924	924	924	924	924	924
Irrigation	80,689	80,689	80,689	80,689	80,689	80,689
Chambers County Total	**182,537**	**187,012**	**191,172**	**196,564**	**202,355**	**208,812**
Chambers County / Neches-Trinity Basin Total	**106,815**	**107,069**	**107,347**	**107,593**	**107,880**	**108,194**
Anahuac	191	190	190	190	200	202
Trinity Bay Conservation District*	1,152	1,263	1,367	1,437	1,529	1,640
County-Other	126	186	274	360	452	556
Manufacturing	2,260	2,344	2,430	2,520	2,613	2,710
Livestock	431	431	431	431	431	431
Irrigation	102,655	102,655	102,655	102,655	102,655	102,655
Chambers County / Trinity Basin Total	**36,532**	**38,759**	**40,498**	**43,194**	**46,100**	**49,375**
Anahuac	36	36	36	36	38	38
Baytown	140	179	226	277	331	391
C C Water Works	241	347	479	607	745	903
Mont Belvieu	3,819	4,869	5,098	6,304	7,624	9,138
Trinity Bay Conservation District*	260	284	308	324	344	369
County-Other	1,238	1,820	2,686	3,524	4,422	5,448
Manufacturing	11,495	11,921	12,362	12,819	13,293	13,785
Livestock	48	48	48	48	48	48
Irrigation	19,255	19,255	19,255	19,255	19,255	19,255
Chambers County / Trinity-San Jacinto Basin Total	**39,190**	**41,184**	**43,327**	**45,777**	**48,375**	**51,243**
Baytown	745	954	1,200	1,471	1,759	2,082
C C Water Works	34	49	68	86	106	128
Chambers County MUD 1	422	452	490	531	575	624
Mont Belvieu	1,085	1,384	1,449	1,792	2,167	2,597
County-Other	1,320	1,941	2,864	3,758	4,713	5,808
Manufacturing	22,183	23,003	23,855	24,738	25,654	26,603

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Region H Water User Group (WUG) Demand

	WUG Demand (acre-feet per year)					
	2030	2040	2050	2060	2070	2080
Mining	1	1	1	1	1	1
Steam Electric Power	6,948	6,948	6,948	6,948	6,948	6,948
Livestock	42	42	42	42	42	42
Irrigation	6,410	6,410	6,410	6,410	6,410	6,410
Fort Bend County Total	**278,220**	**311,389**	**341,092**	**365,052**	**388,512**	**410,256**
Fort Bend County / Brazos Basin Total	**135,523**	**149,348**	**164,710**	**176,870**	**189,218**	**200,436**
First Colony MUD 9	493	498	525	549	575	597
Fort Bend County FWSD 2	24	25	27	28	30	31
Fort Bend County MUD 115	700	707	775	789	816	834
Fort Bend County MUD 116	950	1,104	1,104	1,123	1,137	1,159
Fort Bend County MUD 121	457	454	454	454	454	454
Fort Bend County MUD 128	2,532	2,566	2,583	2,583	2,629	2,689
Fort Bend County MUD 129	1,299	1,325	1,338	1,357	1,383	1,442
Fort Bend County MUD 140	371	369	372	372	425	466
Fort Bend County MUD 149	1,600	1,601	1,647	1,651	1,657	1,686
Fort Bend County MUD 152	680	678	682	715	746	749
Fort Bend County MUD 155	629	764	928	1,058	1,171	1,237
Fort Bend County MUD 158	443	499	573	632	683	713
Fort Bend County MUD 162	266	265	286	313	394	428
Fort Bend County MUD 25	485	499	505	506	512	518
Fort Bend County MUD 46	625	682	728	750	751	753
Fort Bend County MUD 49	14	15	15	15	16	16
Fort Bend County MUD 5	367	411	459	480	485	488
Fort Bend County MUD 81	1,525	1,524	2,223	2,731	3,008	3,202
Fort Bend County WCID 3	360	360	360	360	390	408
Fulshear	706	1,170	1,186	1,218	1,260	1,290
Needville	148	239	278	287	290	291
North Fort Bend Water Authority	4,064	4,567	4,946	5,268	5,515	5,761
Pecan Grove MUD 1	2,712	2,939	3,081	3,136	3,165	3,205
Plantation MUD	395	405	426	431	437	448
Quadvest*	568	900	1,256	1,572	1,817	1,966
Richmond	2,886	3,108	3,265	3,296	3,397	3,551
Rosenberg	6,021	7,429	8,689	9,568	10,221	10,802
Royal Valley Utilities	899	994	1,036	1,178	1,206	1,265
Sienna Plantation	4,880	5,022	5,233	5,327	5,432	5,573
Sugar Land	18,050	18,621	19,135	19,500	19,897	20,411
TDCJ Jester Units	546	545	545	545	545	545

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Region H Water User Group (WUG) Demand

	WUG Demand (acre-feet per year)					
	2030	2040	2050	2060	2070	2080
Thunderbird UD	184	188	201	204	208	216
County-Other	11,477	20,659	31,582	40,555	50,194	58,814
Manufacturing	1,266	1,313	1,362	1,412	1,464	1,518
Mining	13	15	17	19	20	22
Steam Electric Power	51,631	51,631	51,631	51,631	51,631	51,631
Livestock	424	424	424	424	424	424
Irrigation	14,833	14,833	14,833	14,833	14,833	14,833
Fort Bend County / Brazos-Colorado Basin Total	**16,509**	**19,978**	**23,547**	**26,449**	**29,580**	**32,372**
Kendleton	90	492	492	492	514	527
Needville	181	290	339	349	352	353
County-Other	3,699	6,657	10,177	13,069	16,175	18,953
Livestock	138	138	138	138	138	138
Irrigation	12,401	12,401	12,401	12,401	12,401	12,401
Fort Bend County / San Jacinto Basin Total	**60,357**	**67,088**	**72,010**	**76,053**	**79,421**	**82,752**
Blue Ridge West MUD	943	944	962	1,014	1,033	1,053
Fort Bend County FWSD 2	86	89	95	100	105	111
Fort Bend County MUD 26	114	118	122	129	132	135
Fort Bend County WCID 2	4,433	4,794	5,024	5,208	5,385	5,586
Fulshear	48	79	80	83	85	87
Houston	7,272	7,902	8,292	8,703	9,008	9,268
Katy	2,364	3,019	3,389	3,420	3,677	3,924
Meadows Place	806	831	868	919	950	981
North Fort Bend Water Authority	39,043	43,877	47,517	50,614	52,989	55,350
Sugar Land	1,435	1,480	1,521	1,550	1,581	1,622
West Harris County Regional Water Authority	1,370	1,393	1,457	1,523	1,573	1,621
Willow Creek Farms MUD	63	80	91	91	91	91
County-Other	37	66	101	130	161	188
Manufacturing	1,968	2,041	2,116	2,194	2,276	2,360
Livestock	11	11	11	11	11	11
Irrigation	364	364	364	364	364	364
Fort Bend County / San Jacinto-Brazos Basin Total	**65,831**	**74,975**	**80,825**	**85,680**	**90,293**	**94,696**
First Colony MUD 9	847	854	902	944	987	1,024
Fort Bend County FWSD 1	689	1,103	1,258	1,300	1,358	1,414
Fort Bend County FWSD 2	457	470	504	529	557	588

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Region H Water User Group (WUG) Demand

	WUG Demand (acre-feet per year)					
	2030	2040	2050	2060	2070	2080
Fort Bend County MUD 131	245	260	273	279	316	336
Fort Bend County MUD 23	1,578	1,624	1,624	1,639	1,653	1,665
Fort Bend County MUD 24	286	315	315	315	316	318
Fort Bend County MUD 25	1,917	1,970	1,995	2,000	2,022	2,043
Fort Bend County MUD 26	506	526	543	574	587	603
Fort Bend County MUD 42	705	737	757	777	797	820
Fort Bend County MUD 46	6	7	7	8	8	8
Fort Bend County MUD 47	305	304	304	304	304	323
Fort Bend County MUD 48	499	504	510	539	553	560
Fort Bend County MUD 49	116	120	120	120	133	133
Fort Bend County WCID 2	4,844	5,237	5,489	5,690	5,883	6,103
Fulshear	3,170	5,255	5,327	5,467	5,659	5,795
Houston	928	1,009	1,058	1,111	1,150	1,183
Meadowcreek MUD	256	256	264	269	273	277
Missouri City	1,524	1,784	1,909	1,966	2,069	2,117
North Fort Bend Water Authority	25,306	28,439	30,799	32,805	34,344	35,875
Palmer Plantation MUD 1	437	439	439	439	443	462
Palmer Plantation MUD 2	332	330	331	331	331	331
Pearland	907	1,167	1,202	1,202	1,202	1,202
Pecan Grove MUD 1	36	39	41	42	42	43
Quail Valley UD	1,823	1,890	1,915	2,036	2,100	2,162
Sienna Plantation	2,273	2,339	2,437	2,481	2,529	2,595
Sugar Land	8,869	9,150	9,402	9,581	9,776	10,029
TDCJ Jester Units	2	2	2	2	2	2
Thunderbird UD	637	652	696	705	719	749
County-Other	2,283	4,110	6,283	8,068	9,985	11,700
Manufacturing	946	981	1,017	1,055	1,093	1,134
Livestock	100	100	100	100	100	100
Irrigation	3,002	3,002	3,002	3,002	3,002	3,002
Galveston County Total	**120,121**	**123,670**	**126,897**	**129,663**	**132,209**	**134,760**
Galveston County / Neches-Trinity Basin Total	**1,320**	**1,333**	**1,340**	**1,346**	**1,348**	**1,349**
Bolivar Peninsula SUD	1,251	1,264	1,271	1,277	1,279	1,280
Livestock	13	13	13	13	13	13
Irrigation	56	56	56	56	56	56

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Region H Water User Group (WUG) Demand

	WUG Demand (acre-feet per year)					
	2030	2040	2050	2060	2070	2080
Galveston County / San Jacinto-Brazos Basin Total	**118,801**	**122,337**	**125,557**	**128,317**	**130,861**	**133,411**
Bacliff MUD	720	739	752	763	768	773
Bayview MUD	120	126	131	134	135	137
Friendswood	5,665	5,868	6,014	6,129	6,200	6,256
Galveston	18,318	18,393	18,654	18,806	18,933	19,053
Galveston County FWSD 6	218	217	217	217	217	217
Galveston County MUD 12	322	321	321	321	321	321
Galveston County WCID 1	2,839	2,924	2,976	3,012	3,039	3,061
Galveston County WCID 12	825	848	865	872	878	883
Galveston County WCID 8	524	533	541	544	545	547
Hitchcock	833	854	855	859	866	872
Jamaica Beach	281	280	280	281	281	281
La Marque	3,814	4,059	4,184	4,267	4,321	4,369
League City	15,497	16,136	16,578	16,826	17,001	17,165
San Leon MUD	777	804	826	833	841	849
Texas City	7,658	7,945	8,176	8,327	8,430	8,520
County-Other	3,074	3,259	3,377	3,471	3,517	3,555
Manufacturing	46,363	48,078	49,857	51,702	53,615	55,599
Steam Electric Power	2,687	2,687	2,687	2,687	2,687	2,687
Livestock	204	204	204	204	204	204
Irrigation	8,062	8,062	8,062	8,062	8,062	8,062
Harris County Total	**1,293,290**	**1,341,115**	**1,389,170**	**1,412,496**	**1,430,920**	**1,450,409**
Harris County / San Jacinto Basin Total	**1,042,045**	**1,077,387**	**1,113,341**	**1,130,602**	**1,143,524**	**1,157,269**
Baker Road MUD	247	254	254	253	272	283
Baytown	7,483	8,647	9,088	9,222	9,057	8,864
Bellaire	3,865	3,930	3,935	3,940	3,882	3,841
Blue Bell Manor Utility	426	425	438	444	436	436
Bunker Hill Village	1,666	1,749	1,750	1,751	1,756	1,749
Central Harris County Regional Water Authority	5,344	5,380	5,443	5,487	5,627	5,723
Chimney Hill MUD	534	530	530	530	530	531
Country Terrace Water	166	166	166	166	166	165
Crosby MUD	1,201	1,329	1,340	1,394	1,485	1,485
Deer Park	1,372	1,379	1,388	1,392	1,398	1,392
Douglas Utility	285	286	291	296	290	291
El Dorado UD	419	431	466	476	485	490

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Region H Water User Group (WUG) Demand

	WUG Demand (acre-feet per year)					
	2030	2040	2050	2060	2070	2080
Forest Hills MUD	263	261	261	261	259	257
Fort Bend County WCID 2	325	325	325	326	328	335
Galena Park	806	804	826	836	848	812
Green Trails MUD	594	606	607	607	622	633
Greenwood UD	723	724	724	724	718	719
Harris County FWSD 1-A	227	227	229	229	230	224
Harris County FWSD 27	301	355	376	387	448	428
Harris County FWSD 58	336	337	337	337	337	337
Harris County MUD 106	614	621	643	654	679	688
Harris County MUD 11	372	370	370	370	367	365
Harris County MUD 119	784	801	801	802	796	794
Harris County MUD 122	133	136	136	135	137	146
Harris County MUD 132	1,906	1,951	2,016	2,041	2,101	2,132
Harris County MUD 148	594	605	665	694	695	697
Harris County MUD 151	1,107	1,121	1,144	1,157	1,206	1,216
Harris County MUD 152	1,012	1,024	1,059	1,072	1,109	1,122
Harris County MUD 153	1,491	1,512	1,553	1,571	1,621	1,639
Harris County MUD 154	1,293	1,301	1,334	1,343	1,380	1,395
Harris County MUD 180	524	531	534	536	546	560
Harris County MUD 189	562	580	587	592	613	640
Harris County MUD 216	498	507	505	503	505	508
Harris County MUD 221	532	533	545	549	561	566
Harris County MUD 23	403	402	402	402	399	397
Harris County MUD 261	283	294	302	305	304	306
Harris County MUD 278	939	943	1,008	1,031	1,043	1,051
Harris County MUD 290	1,150	1,173	1,242	1,271	1,312	1,327
Harris County MUD 321	254	278	285	288	285	284
Harris County MUD 342	735	741	898	971	974	991
Harris County MUD 344	1,101	1,331	1,331	1,331	1,332	1,333
Harris County MUD 345	939	945	951	956	997	1,001
Harris County MUD 36	606	633	862	959	965	996
Harris County MUD 361	639	645	679	694	712	719
Harris County MUD 372	768	810	809	810	833	860
Harris County MUD 400	1,511	1,525	1,614	1,650	1,704	1,722
Harris County MUD 412	878	897	1,022	1,073	1,091	1,106
Harris County MUD 420	145	143	152	152	148	148
Harris County MUD 46	657	654	656	658	658	658

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Region H Water User Group (WUG) Demand

	WUG Demand (acre-feet per year)					
	2030	2040	2050	2060	2070	2080
Harris County MUD 49	827	841	888	912	914	917
Harris County MUD 494	381	387	413	424	438	443
Harris County MUD 5	506	509	514	519	531	548
Harris County MUD 50	439	448	467	474	496	509
Harris County MUD 504	426	424	425	426	427	429
Harris County MUD 58	262	261	261	261	261	261
Harris County MUD 6	408	408	409	409	405	404
Harris County MUD 8	517	526	554	566	558	559
Harris County MUD 96	697	694	743	762	767	773
Harris County UD 14	210	211	213	213	213	215
Harris County UD 15	528	528	528	528	539	549
Harris County WCID 1	1,218	1,230	1,284	1,306	1,383	1,395
Harris County WCID 133	741	755	756	757	752	750
Harris County WCID 70	229	228	228	228	228	228
Harris County WCID 74	671	676	697	699	690	690
Harris County WCID 96	1,494	1,520	1,727	1,789	1,753	1,759
Harris County WCID-Fondren Road	258	263	263	263	261	261
Hilshire Village	208	207	207	208	206	205
HMW SUD	304	305	309	310	319	328
Houston	437,229	448,984	460,326	465,207	462,834	464,022
Humble	4,690	4,841	5,536	5,860	6,051	6,144
Jacinto City	665	664	688	697	708	670
Jersey Village	1,793	1,849	1,867	1,878	1,931	1,999
Katy	2,926	2,976	2,997	3,017	3,086	3,169
Kings Manor MUD	144	143	143	143	144	144
La Porte	336	358	361	363	351	361
Lake MUD	676	693	708	712	748	756
Longhorn Town UD	423	423	422	420	421	432
Luce Bayou PUD	80	153	155	156	156	157
Mason Creek UD	1,400	1,413	1,414	1,415	1,444	1,472
Meadows Place	1	1	1	1	1	1
Memorial Villages Water Authority	6,101	6,155	6,648	6,857	6,756	6,755
Morgans Point	10	11	11	11	11	10
Mount Houston Road MUD	760	772	775	775	768	765
Newport MUD	1,545	1,543	1,653	1,718	1,789	1,791
Nitsch and Son Utility	226	225	225	225	225	225
North Belt UD	781	781	904	958	964	978

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Region H Water User Group (WUG) Demand

	WUG Demand (acre-feet per year)					
	2030	2040	2050	2060	2070	2080
North Channel Water Authority	13,418	13,844	14,640	15,061	15,089	15,204
North Forest MUD	201	200	202	202	202	209
North Fort Bend Water Authority	2,064	2,104	2,114	2,118	2,196	2,280
North Green MUD	536	545	562	570	581	586
North Harris County Regional Water Authority	139,283	141,812	145,939	147,949	152,814	156,039
Northeast Harris County MUD 1	131	131	131	131	132	138
Northwest Harris County MUD 16	479	490	493	498	516	531
Parkway MUD	537	544	545	545	541	541
Pasadena	16,026	16,164	16,289	16,344	16,348	16,308
Pine Village PUD	281	291	292	298	293	293
Pinewood Community	84	86	88	90	94	94
Quadvest*	31	31	37	39	38	39
Rolling Fork PUD	404	414	428	434	429	429
Sequoia Improvement District	138	138	138	138	136	136
South Houston	1,832	1,854	1,865	1,870	1,875	1,874
Southern Water	493	493	519	532	521	520
Southside Place	279	283	283	283	277	272
Southwest Harris County MUD 1	119	121	121	122	121	121
Spring Meadows MUD	184	222	223	223	223	223
Spring Valley	1,154	1,185	1,186	1,186	1,178	1,174
Suburban Utility	563	591	756	799	811	817
Sunbelt FWSD	2,666	2,707	2,747	2,784	2,755	2,756
The Commons Water Supply	520	518	518	518	518	518
Tomball	4,119	4,449	5,077	5,355	5,705	5,842
Trail of the Lakes MUD	1,162	1,172	1,207	1,225	1,264	1,273
Waller	180	228	227	227	227	227
West Harris County MUD 6	367	372	371	370	371	375
West Harris County Regional Water Authority	72,864	75,125	75,763	76,107	78,161	80,112
West University Place	2,928	2,969	2,973	2,968	2,887	2,839
Westfield Garden Park	88	88	88	88	88	88
Windfern Forest Utility District	823	821	836	844	834	833
Woodcreek MUD	506	504	504	504	504	504
County-Other	25,024	29,542	32,366	34,067	34,983	35,363
Manufacturing	194,517	204,839	216,233	222,008	227,997	234,207
Mining	3,001	3,032	3,061	3,090	3,119	3,148
Steam Electric Power	26,442	26,442	26,442	26,442	26,442	26,442

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Region H Water User Group (WUG) Demand

	WUG Demand (acre-feet per year)					
	2030	2040	2050	2060	2070	2080
Livestock	831	831	831	831	831	831
Irrigation	8,647	8,647	8,647	8,647	8,647	8,647
Harris County / San Jacinto-Brazos Basin Total	**131,236**	**136,335**	**141,261**	**143,712**	**145,814**	**148,139**
Baybrook MUD 1	336	354	358	360	370	382
Clear Brook City MUD	1,989	1,987	1,978	1,969	1,989	1,999
Clear Lake City Water Authority	11,569	11,762	11,904	11,978	12,040	11,900
Deer Park	3,999	4,017	4,045	4,057	4,073	4,058
Friendswood	1,899	1,927	1,913	1,898	1,919	1,945
Harris County MUD 55	1,527	1,536	1,519	1,503	1,512	1,522
Harris County WCID 156	181	180	180	180	180	179
Harris County WCID 161	187	187	187	187	184	181
Harris County WCID 50	386	385	385	385	383	382
Harris County WCID 89	789	794	794	793	787	787
Houston	19,264	19,782	20,282	20,497	20,392	20,445
Kirkmont MUD	392	399	396	392	394	395
La Porte	4,476	4,764	4,804	4,834	4,684	4,804
League City	324	324	322	320	329	339
Morgans Point	142	148	148	148	147	143
Nassau Bay	1,387	1,399	1,406	1,411	1,416	1,411
Pasadena	4,426	4,464	4,498	4,514	4,515	4,504
Pearland	1,361	1,397	1,414	1,430	1,451	1,474
Sagemeadow UD	800	806	800	795	806	819
Seabrook	1,945	1,970	1,998	2,010	2,007	2,000
Shoreacres	334	333	335	335	337	339
Webster	2,840	2,921	2,935	2,941	2,952	2,943
County-Other	608	717	786	827	849	859
Manufacturing	69,853	73,560	77,652	79,726	81,876	84,107
Mining	9	9	9	9	9	9
Steam Electric Power	156	156	156	156	156	156
Livestock	57	57	57	57	57	57
Harris County / Trinity-San Jacinto Basin Total	**120,009**	**127,393**	**134,568**	**138,182**	**141,582**	**145,001**
Baytown	5,367	6,203	6,519	6,616	6,497	6,359
Lake MUD	40	41	41	42	44	44
Spring Meadows MUD	166	200	201	201	201	201
County-Other	3,864	4,561	4,998	5,260	5,402	5,460
Manufacturing	109,613	115,429	121,850	125,104	128,479	131,978

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Region H Water User Group (WUG) Demand

	WUG Demand (acre-feet per year)					
	2030	2040	2050	2060	2070	2080
Livestock	166	166	166	166	166	166
Irrigation	793	793	793	793	793	793
Leon County Total	**6,485**	**6,415**	**6,366**	**6,341**	**6,316**	**6,300**
Leon County / Brazos Basin Total	**1,581**	**1,597**	**1,630**	**1,642**	**1,659**	**1,687**
Concord-Robbins WSC	186	157	127	108	88	67
High Prairie WSC	13	19	27	31	35	41
Hilltop Lakes WSC	286	347	424	465	513	571
Jewett	15	11	8	6	4	3
Normangee	15	11	9	6	5	4
Southeast WSC	5	5	5	5	5	5
County-Other	87	73	56	47	35	22
Livestock	842	842	842	842	842	842
Irrigation	132	132	132	132	132	132
Leon County / Trinity Basin Total	**4,904**	**4,818**	**4,736**	**4,699**	**4,657**	**4,613**
Buffalo	342	323	303	290	275	259
Centerville	158	156	153	151	148	145
Concord-Robbins WSC	54	46	37	32	26	19
Flo Community WSC*	377	362	349	340	331	322
Jewett	74	52	38	27	19	14
Normangee	46	34	25	19	13	10
Southeast WSC	264	260	257	255	253	250
County-Other	243	204	157	131	99	61
Manufacturing	940	975	1,011	1,048	1,087	1,127
Mining	337	337	337	337	337	337
Livestock	1,699	1,699	1,699	1,699	1,699	1,699
Irrigation	370	370	370	370	370	370
Liberty County Total	**60,956**	**64,713**	**68,889**	**73,126**	**77,272**	**81,696**
Liberty County / Neches Basin Total	**8,540**	**8,556**	**8,575**	**8,595**	**8,620**	**8,649**
Daisetta	104	103	103	103	103	103
Devers	0	0	0	0	0	0
Hardin WSC	244	248	253	258	268	281
Liberty County FWSD 1 Hull	85	85	85	85	85	85
West Hardin WSC*	46	46	46	46	46	46
County-Other	17	23	30	37	44	52
Manufacturing	188	195	202	210	218	226

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Region H Water User Group (WUG) Demand

	WUG Demand (acre-feet per year)					
	2030	2040	2050	2060	2070	2080
Livestock	57	57	57	57	57	57
Irrigation	7,799	7,799	7,799	7,799	7,799	7,799
Liberty County / Neches-Trinity Basin Total	**15,302**	**15,304**	**15,306**	**15,308**	**15,311**	**15,313**
County-Other	5	7	9	11	14	16
Livestock	137	137	137	137	137	137
Irrigation	15,160	15,160	15,160	15,160	15,160	15,160
Liberty County / San Jacinto Basin Total	**7,960**	**9,410**	**11,095**	**12,674**	**14,332**	**16,088**
Cleveland	1,556	1,736	1,946	2,139	2,337	2,530
Mercy WSC	63	63	63	63	63	67
Quadvest*	1,131	1,300	1,551	1,676	1,843	2,024
South Cleveland WSC	625	958	1,285	1,559	1,889	2,237
Splendora	155	204	234	283	325	370
T & W Water Service	53	69	85	100	113	127
Tarkington SUD	399	405	416	426	438	449
County-Other	2,041	2,736	3,575	4,486	5,381	6,340
Mining	14	16	17	19	20	21
Livestock	116	116	116	116	116	116
Irrigation	1,807	1,807	1,807	1,807	1,807	1,807
Liberty County / Trinity Basin Total	**25,383**	**27,270**	**29,265**	**31,388**	**33,351**	**35,453**
Ames Minglewood WSC	142	141	141	141	149	156
Dayton	2,666	3,320	3,821	4,338	4,720	5,138
Devers	118	117	117	117	118	118
Hardin WSC	280	284	290	297	308	322
Lake Livingston WSC*	65	65	65	65	65	65
Liberty	1,529	1,549	1,579	1,615	1,633	1,647
Raywood WSC	115	114	114	117	127	140
T & W Water Service	200	262	325	378	429	483
Tarkington SUD	166	168	173	177	183	187
Woodcreek Water Of Liberty	8	8	11	13	14	14
County-Other	3,325	4,455	5,823	7,306	8,764	10,325
Manufacturing	51	53	55	57	59	61
Mining	173	189	206	222	237	252
Livestock	586	586	586	586	586	586
Irrigation	15,959	15,959	15,959	15,959	15,959	15,959

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Region H Water User Group (WUG) Demand

	WUG Demand (acre-feet per year)					
	2030	2040	2050	2060	2070	2080
Liberty County / Trinity-San Jacinto Basin Total	**3,771**	**4,173**	**4,648**	**5,161**	**5,658**	**6,193**
Dayton	123	153	176	200	217	236
County-Other	1,097	1,469	1,921	2,410	2,890	3,406
Livestock	76	76	76	76	76	76
Irrigation	2,475	2,475	2,475	2,475	2,475	2,475
Madison County Total	**5,362**	**5,385**	**5,398**	**5,419**	**5,441**	**5,464**
Madison County / Brazos Basin Total	**793**	**796**	**797**	**800**	**803**	**806**
High Prairie WSC	35	34	34	34	34	34
North Zulch MUD	91	91	91	91	91	91
County-Other	62	66	67	70	73	76
Mining	443	443	443	443	443	443
Livestock	112	112	112	112	112	112
Irrigation	50	50	50	50	50	50
Madison County / Trinity Basin Total	**4,569**	**4,589**	**4,601**	**4,619**	**4,638**	**4,658**
High Prairie WSC	220	219	219	218	218	217
Madisonville	871	867	865	863	861	860
Normangee	12	12	12	12	12	12
North Zulch MUD	172	170	170	170	170	170
TDCJ Ferguson Unit	1,168	1,167	1,167	1,167	1,167	1,167
County-Other	487	515	529	550	571	593
Mining	532	532	532	532	532	532
Livestock	904	904	904	904	904	904
Irrigation	203	203	203	203	203	203
Montgomery County Total	**141,361**	**162,992**	**184,157**	**201,444**	**214,164**	**226,650**
Montgomery County / San Jacinto Basin Total	**141,361**	**162,992**	**184,157**	**201,444**	**214,164**	**226,650**
Blaketree MUD 1 of Montgomery County	53	98	172	189	189	189
Chateau Woods MUD	340	448	455	467	473	486
Conroe	16,338	19,850	24,986	30,070	33,088	36,090
Conroe Resort Utilities	129	137	150	162	175	188
Corinthian Point MUD 2	182	197	233	245	255	264
Cut & Shoot	886	1,092	1,293	1,477	1,640	1,673
Dobbin Plantersville WSC*	705	1,134	1,564	1,877	2,112	2,229
Domestic Water	125	125	129	142	154	157
East Montgomery County MUD 6	276	290	329	403	461	453
East Plantation UD	228	230	329	381	373	375

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Region H Water User Group (WUG) Demand

	WUG Demand (acre-feet per year)					
	2030	2040	2050	2060	2070	2080
Far Hills UD	305	386	446	488	522	548
G & W WSC*	4	5	7	8	9	10
Grand Oaks MUD	120	126	128	130	133	135
Harris-Montgomery Counties MUD 386	374	387	387	389	392	416
HMW SUD	948	1,111	1,273	1,372	1,449	1,511
Houston	1,575	1,691	1,833	1,948	2,053	2,142
Johnston Water Utility	1,125	1,631	1,940	2,149	2,324	2,459
Keenan WSC	109	150	209	236	255	271
Kings Manor MUD	409	415	424	434	444	455
Lake Bonanza WSC	232	281	334	371	398	416
Lake Conroe Hills MUD	193	226	234	242	250	258
Lazy River Improvement District	266	281	290	306	320	335
Magnolia	695	827	966	1,014	1,044	1,079
Montgomery	661	844	883	904	923	936
Montgomery County MUD 105	206	218	230	241	253	261
Montgomery County MUD 112	862	915	975	979	1,002	1,265
Montgomery County MUD 115	823	842	876	896	927	958
Montgomery County MUD 119	1,435	1,570	1,638	1,707	1,777	1,849
Montgomery County MUD 126	142	163	210	270	320	315
Montgomery County MUD 127	288	290	292	293	300	308
Montgomery County MUD 137	204	245	278	296	308	313
Montgomery County MUD 139	691	689	689	689	689	689
Montgomery County MUD 15	547	580	591	600	615	631
Montgomery County MUD 18	2,051	2,178	2,257	2,332	2,407	2,486
Montgomery County MUD 19	715	725	731	737	737	741
Montgomery County MUD 24	166	203	211	219	227	236
Montgomery County MUD 56	104	108	117	119	122	124
Montgomery County MUD 8	1,246	1,292	1,335	1,379	1,424	1,471
Montgomery County MUD 83	398	415	430	444	459	473
Montgomery County MUD 84	526	556	581	604	627	650
Montgomery County MUD 88	663	663	666	667	688	712
Montgomery County MUD 89	938	959	989	1,021	1,060	1,100
Montgomery County MUD 9	2,073	2,129	2,204	2,281	2,359	2,440
Montgomery County MUD 94	797	859	889	921	953	986
Montgomery County MUD 95	535	669	723	726	743	749
Montgomery County MUD 98	268	273	282	290	299	308
Montgomery County MUD 99	329	362	419	436	473	476

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Region H Water User Group (WUG) Demand

	WUG Demand (acre-feet per year)					
	2030	2040	2050	2060	2070	2080
Montgomery County UD 2	410	471	484	499	513	527
Montgomery County UD 3	868	897	933	970	1,007	1,045
Montgomery County UD 4	1,081	1,116	1,158	1,202	1,247	1,293
Montgomery County WCID 1	458	508	522	524	536	546
MSEC Enterprises*	4,232	5,461	6,465	7,097	7,283	7,628
New Caney MUD	1,835	2,266	2,575	2,848	3,079	3,192
North Harris County Regional Water Authority	7	8	9	9	9	10
Oak Ridge North	553	652	691	773	767	767
Panorama Village	666	693	711	729	748	768
Patton Village	68	79	98	126	130	133
Pinehurst Decker Prairie WSC	148	185	220	263	285	299
Point Aquarius MUD	545	666	763	829	861	895
Porter SUD	2,656	3,259	3,589	3,821	4,001	4,194
Quadvest*	5,164	6,467	7,474	8,059	8,420	8,918
Ranch Crest Water	193	225	232	232	236	241
Rayford Road MUD	1,745	1,782	1,829	1,860	1,915	1,972
River Plantation MUD	627	799	932	1,169	1,151	1,152
Roman Forest Consolidated MUD	222	300	381	492	544	546
Shenandoah	2,244	2,689	2,787	2,883	2,912	2,931
Southern Montgomery County MUD	1,242	1,291	1,299	1,303	1,340	1,366
Splendora	935	1,210	1,534	1,952	2,298	2,299
Spring Creek UD	1,214	1,245	1,288	1,328	1,369	1,407
Stanley Lake MUD	827	854	880	907	930	962
T & W Water Service	1,744	1,960	2,286	2,527	2,746	2,844
The Woodlands	23,781	24,880	25,485	25,738	26,748	29,526
Valley Ranch MUD 1	361	416	448	462	477	492
Westwood North WSC	594	625	711	722	722	850
White Oak WSC	158	190	208	241	256	279
Willis	888	946	1,008	1,060	1,106	1,140
Wood Branch Village	183	233	296	395	407	418
Wood Trace MUD 1	211	216	222	236	248	258
Woodland Oaks Utility	357	400	438	465	487	504
Woodridge MUD	173	197	209	220	232	244
County-Other	25,114	33,287	41,645	48,122	53,025	56,365
Manufacturing	2,120	2,198	2,279	2,363	2,450	2,541
Mining	32	36	41	47	54	62
Steam Electric Power	9,283	9,283	9,283	9,283	9,283	9,283

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Region H Water User Group (WUG) Demand

	WUG Demand (acre-feet per year)					
	2030	2040	2050	2060	2070	2080
Livestock	495	495	495	495	495	495
Irrigation	5,642	5,642	5,642	5,642	5,642	5,642
Polk County Total	**7,200**	**7,712**	**7,974**	**8,264**	**8,580**	**8,927**
Polk County / Trinity Basin Total	**7,200**	**7,712**	**7,974**	**8,264**	**8,580**	**8,927**
Lake Livingston WSC*	664	721	749	780	814	851
Leggett WSC*	267	288	298	310	323	337
Livingston	2,759	2,983	3,096	3,220	3,355	3,504
Memorial Point UD	143	155	162	168	175	184
Moscow WSC*	30	32	33	35	36	38
Onalaska WSC	359	388	403	420	438	458
Providence WSC	379	409	425	442	462	483
Soda WSC*	209	226	234	244	255	266
Tempe WSC 1	219	236	245	255	266	278
County-Other*	1,611	1,713	1,767	1,827	1,892	1,964
Manufacturing*	8	8	8	8	8	8
Mining*	26	27	28	29	30	30
Livestock*	194	194	194	194	194	194
Irrigation*	332	332	332	332	332	332
San Jacinto County Total	**3,795**	**3,755**	**3,669**	**3,585**	**3,492**	**3,392**
San Jacinto County / San Jacinto Basin Total	**1,520**	**1,503**	**1,470**	**1,436**	**1,400**	**1,360**
Dodge Oakhurst WSC	8	8	8	7	7	7
Mercy WSC	377	372	362	352	342	330
One Five O WSC	238	235	229	223	216	208
P B & S C WSC	26	25	25	24	23	22
San Jacinto SUD	71	70	68	66	64	62
County-Other	545	538	523	509	493	476
Manufacturing	9	9	9	9	9	9
Mining	1	1	1	1	1	1
Livestock	170	170	170	170	170	170
Irrigation	75	75	75	75	75	75
San Jacinto County / Trinity Basin Total	**2,275**	**2,252**	**2,199**	**2,149**	**2,092**	**2,032**
Cape Royale UD	171	169	165	160	155	150
Dodge Oakhurst WSC	65	64	62	61	59	57
Lake Livingston WSC*	157	155	151	147	142	138
P B & S C WSC	219	217	210	205	199	192

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Region H Water User Group (WUG) Demand

	WUG Demand (acre-feet per year)					
	2030	2040	2050	2060	2070	2080
Riverside SUD	46	46	45	43	42	41
San Jacinto SUD	201	199	194	189	183	177
Shepherd	319	315	307	299	290	280
Waterwood MUD 1	111	110	107	104	101	97
County-Other	683	674	655	638	618	597
Mining	55	55	55	55	55	55
Livestock	175	175	175	175	175	175
Irrigation	73	73	73	73	73	73
Trinity County Total	**1,607**	**1,529**	**1,459**	**1,413**	**1,366**	**1,315**
Trinity County / Trinity Basin Total	**1,607**	**1,529**	**1,459**	**1,413**	**1,366**	**1,315**
Glendale WSC	73	68	64	61	58	54
Groveton*	61	57	53	51	49	47
Pennington WSC*	106	99	92	88	84	79
Trinity	333	310	290	276	262	247
Trinity Rural WSC	349	325	304	291	277	262
Westwood Shores MUD	117	109	102	97	92	87
County-Other*	115	108	101	96	91	86
Mining*	9	9	9	9	9	9
Livestock*	169	169	169	169	169	169
Irrigation*	275	275	275	275	275	275
Walker County Total	**16,964**	**17,990**	**19,829**	**21,952**	**24,287**	**26,849**
Walker County / San Jacinto Basin Total	**11,521**	**12,336**	**13,790**	**15,519**	**17,409**	**19,475**
Dodge Oakhurst WSC	120	145	187	243	303	367
Huntsville	8,804	9,570	10,913	12,553	14,332	16,269
New Waverly	141	125	111	96	83	72
One Five O WSC	6	7	9	11	14	16
Phelps SUD	134	136	142	145	149	154
Quadvest*	129	167	231	319	412	511
Walker County SUD	473	505	560	619	684	754
County-Other	989	951	901	792	685	579
Manufacturing	141	146	152	157	163	169
Livestock	345	345	345	345	345	345
Irrigation	239	239	239	239	239	239
Walker County / Trinity Basin Total	**5,443**	**5,654**	**6,039**	**6,433**	**6,878**	**7,374**
Dodge Oakhurst WSC	158	191	246	321	400	484

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Region H Water User Group (WUG) Demand

	WUG Demand (acre-feet per year)					
	2030	2040	2050	2060	2070	2080
Huntsville	1,686	1,832	2,090	2,403	2,744	3,115
Lake Livingston WSC*	25	29	36	44	53	63
Phelps SUD	59	60	62	63	65	67
Riverside SUD	462	488	532	580	634	693
Trinity Rural WSC	4	2	1	1	1	1
Walker County SUD	731	781	865	957	1,057	1,167
County-Other	1,353	1,301	1,232	1,083	938	792
Manufacturing	136	141	146	152	157	163
Mining	73	73	73	73	73	73
Livestock	435	435	435	435	435	435
Irrigation	321	321	321	321	321	321
Waller County Total	**33,662**	**36,115**	**38,505**	**41,073**	**43,685**	**46,152**
Waller County / Brazos Basin Total	**13,641**	**14,243**	**15,050**	**16,063**	**17,224**	**18,427**
Brookshire MWD	823	854	856	867	941	1,013
G & W WSC*	164	166	169	171	173	176
Hempstead	1,258	1,289	1,290	1,296	1,306	1,306
Pattison WSC	225	226	238	244	250	256
Prairie View	599	730	791	863	950	1,013
Prairie View A&M University	710	721	726	732	739	748
Quadvest*	0	0	0	0	1	1
County-Other	1,473	1,850	2,555	3,444	4,395	5,422
Manufacturing	5	5	5	5	6	6
Mining	109	127	145	166	188	211
Livestock	783	783	783	783	783	783
Irrigation	7,492	7,492	7,492	7,492	7,492	7,492
Waller County / San Jacinto Basin Total	**20,021**	**21,872**	**23,455**	**25,010**	**26,461**	**27,725**
G & W WSC*	571	581	590	599	605	615
Katy	1,117	2,467	3,089	3,625	4,021	4,212
North Fort Bend Water Authority	16	26	70	77	81	81
Oak Hollow Utility	193	192	192	194	196	196
Prairie View	289	353	381	417	458	489
Prairie View A&M University	1	2	2	2	2	2
Quadvest*	28	28	28	28	65	93
Waller	394	408	445	460	482	497
Willow Creek Farms MUD	893	930	1,092	1,183	1,209	1,209
County-Other	1,411	1,771	2,446	3,299	4,210	5,192

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Region H Water User Group (WUG) Demand

	WUG Demand (acre-feet per year)					
	2030	**2040**	**2050**	**2060**	**2070**	**2080**
Manufacturing	153	159	165	171	177	184
Livestock	403	403	403	403	403	403
Irrigation	14,552	14,552	14,552	14,552	14,552	14,552
Region H Demand Total	**2,558,437**	**2,689,470**	**2,816,450**	**2,909,581**	**2,993,134**	**3,076,716**

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Region H Source Total Availability

				Source Availability (acre-feet per year)					
Source Name	**County**	**Basin**	**Salinity***	**2030**	**2040**	**2050**	**2060**	**2070**	**2080**
Groundwater Source Availability Total				**960,185**	**891,589**	**918,732**	**938,576**	**957,574**	**973,549**
Brazos River Alluvium Aquifer	Austin	Brazos	Fresh	7,944	7,944	7,944	7,944	7,944	7,944
Brazos River Alluvium Aquifer	Waller	Brazos	Fresh	12,027	12,027	12,027	12,027	12,027	12,027
Carrizo-Wilcox Aquifer	Leon	Brazos	Fresh	2,583	2,986	3,389	3,792	4,155	4,155
Carrizo-Wilcox Aquifer	Leon	Trinity	Fresh	6,967	8,106	9,246	10,387	11,413	11,413
Carrizo-Wilcox Aquifer	Madison	Brazos	Fresh	0	0	0	0	0	0
Carrizo-Wilcox Aquifer	Madison	Trinity	Fresh	0	0	0	0	0	0
Carrizo-Wilcox Aquifer	Trinity	Trinity	Fresh	1	1	1	1	1	1
Carrizo-Wilcox Aquifer	Walker	Trinity	Fresh	2,099	2,099	2,099	2,099	2,099	2,099
Gulf Coast Aquifer System	Austin	Brazos	Fresh	25,243	25,243	25,243	25,243	25,243	25,243
Gulf Coast Aquifer System	Austin	Brazos-Colorado	Fresh	20,652	20,652	20,652	20,652	20,652	20,652
Gulf Coast Aquifer System	Austin	Colorado	Fresh	665	665	665	665	665	665
Gulf Coast Aquifer System	Brazoria	Brazos	Fresh/ Brackish	4,729	4,647	4,559	4,486	4,425	4,425
Gulf Coast Aquifer System	Brazoria	Brazos-Colorado	Fresh	13,053	12,789	12,446	12,111	11,784	11,784
Gulf Coast Aquifer System	Brazoria	San Jacinto-Brazos	Fresh	53,567	53,882	54,298	54,697	55,084	55,084
Gulf Coast Aquifer System	Chambers	Neches-Trinity	Fresh	9,968	9,968	9,968	9,968	9,968	9,968
Gulf Coast Aquifer System	Chambers	Trinity	Fresh	10,222	10,222	10,222	10,222	10,222	10,222
Gulf Coast Aquifer System	Chambers	Trinity-San Jacinto	Fresh	2,142	2,152	2,161	2,163	2,164	2,164
Gulf Coast Aquifer System	Fort Bend	Brazos	Fresh	30,973	40,686	50,799	58,940	67,693	75,540
Gulf Coast Aquifer System	Fort Bend	Brazos-Colorado	Fresh	16,519	19,999	23,548	26,454	29,600	32,404

* Salinity field indicates whether the source availability is considered 'fresh' (less than 1,000 mg/L), 'brackish' (1,000 to 10,000 mg/L), 'saline' (10,001 mg/L to 34,999 mg/L), or 'seawater' (35,000 mg/L or greater). Sources can also be labeled as 'fresh/brackish' or 'brackish/saline', if a combination of the salinity types is appropriate.

** Since reservoir sources can exist across multiple counties, the county field value, 'reservoir' is applied to all reservoir sources.

Region H Source Total Availability

				Source Availability (acre-feet per year)					
Source Name	**County**	**Basin**	**Salinity***	**2030**	**2040**	**2050**	**2060**	**2070**	**2080**
Gulf Coast Aquifer System	Fort Bend	San Jacinto	Fresh	26,806	28,444	29,668	30,658	31,576	32,481
Gulf Coast Aquifer System	Fort Bend	San Jacinto-Brazos	Fresh	29,441	33,717	36,342	38,407	40,046	41,485
Gulf Coast Aquifer System	Galveston	Neches-Trinity	Fresh	182	183	184	185	185	185
Gulf Coast Aquifer System	Galveston	San Jacinto-Brazos	Fresh	12,502	12,883	13,225	13,512	13,777	14,035
Gulf Coast Aquifer System	Harris	San Jacinto	Fresh	289,255	197,432	203,289	206,062	208,124	210,309
Gulf Coast Aquifer System	Harris	San Jacinto-Brazos	Fresh	15,452	16,173	16,831	17,123	17,248	17,494
Gulf Coast Aquifer System	Harris	Trinity-San Jacinto	Fresh	13,157	14,247	15,062	15,507	15,845	16,136
Gulf Coast Aquifer System	Liberty	Neches	Fresh	8,732	8,732	8,732	8,732	8,732	8,732
Gulf Coast Aquifer System	Liberty	Neches-Trinity	Fresh	2,053	2,053	2,053	2,053	2,053	2,053
Gulf Coast Aquifer System	Liberty	San Jacinto	Fresh	11,299	11,299	11,299	11,299	11,299	11,299
Gulf Coast Aquifer System	Liberty	Trinity	Fresh	39,032	39,031	39,032	39,032	39,032	39,032
Gulf Coast Aquifer System	Liberty	Trinity-San Jacinto	Fresh	10,544	10,543	10,543	10,544	10,544	10,544
Gulf Coast Aquifer System	Montgomery	San Jacinto	Brackish	8,760	8,760	8,760	8,760	8,760	8,760
Gulf Coast Aquifer System	Montgomery	San Jacinto	Fresh	96,954	96,945	96,930	96,916	96,873	96,873
Gulf Coast Aquifer System	Polk	Trinity	Fresh	23,981	23,981	23,981	23,981	23,981	23,981
Gulf Coast Aquifer System	San Jacinto	San Jacinto	Fresh	18,443	18,452	18,467	18,482	18,524	18,524
Gulf Coast Aquifer System	San Jacinto	Trinity	Fresh	16,604	16,604	16,604	16,604	16,604	16,604
Gulf Coast Aquifer System	Trinity	Trinity	Fresh	318	322	339	339	339	339
Gulf Coast Aquifer System	Walker	San Jacinto	Fresh	26,622	26,622	26,622	26,622	26,622	26,622

* Salinity field indicates whether the source availability is considered ‘fresh’ (less than 1,000 mg/L), ‘brackish’ (1,000 to 10,000 mg/L), ‘saline’ (10,001 mg/L to 34,999 mg/L), or ‘seawater’ (35,000 mg/L or greater). Sources can also be labeled as ‘fresh/brackish’ or ‘brackish/saline’, if a combination of the salinity types is appropriate.

** Since reservoir sources can exist across multiple counties, the county field value, ‘reservoir’ is applied to all reservoir sources.

Region H Source Total Availability

				Source Availability (acre-feet per year)					
Source Name	**County**	**Basin**	**Salinity***	**2030**	**2040**	**2050**	**2060**	**2070**	**2080**
Gulf Coast Aquifer System	Walker	Trinity	Fresh	15,881	15,881	15,881	15,881	15,881	15,881
Gulf Coast Aquifer System	Waller	Brazos	Fresh	23,397	23,397	23,397	23,397	23,397	23,397
Gulf Coast Aquifer System	Waller	San Jacinto	Fresh	32,136	32,136	32,136	32,136	32,136	32,136
Queen City Aquifer	Leon	Brazos	Fresh	408	451	493	536	575	575
Queen City Aquifer	Leon	Trinity	Fresh	511	516	521	527	531	531
Queen City Aquifer	Madison	Brazos	Fresh	132	154	175	197	216	216
Queen City Aquifer	Madison	Trinity	Fresh	132	154	176	197	217	217
Queen City Aquifer	Trinity	Trinity	Fresh	0	0	0	0	0	0
Queen City Aquifer	Walker	Trinity	Fresh	229	229	229	229	229	229
San Bernard River Alluvium Aquifer	Austin	Brazos-Colorado	Fresh	520	520	520	520	520	520
San Jacinto River Alluvium Aquifer	Walker	San Jacinto	Fresh	1,450	1,450	1,450	1,450	1,450	1,450
Sparta Aquifer	Leon	Brazos	Fresh	97	97	97	97	97	97
Sparta Aquifer	Leon	Trinity	Fresh	151	152	154	156	157	157
Sparta Aquifer	Madison	Brazos	Fresh	238	277	316	355	390	390
Sparta Aquifer	Madison	Trinity	Fresh	1,662	1,934	2,207	2,479	2,725	2,725
Sparta Aquifer	Trinity	Trinity	Fresh	0	0	0	0	0	0
Sparta Aquifer	Walker	San Jacinto	Fresh	266	266	266	266	266	266
Sparta Aquifer	Walker	Trinity	Fresh	2,084	2,084	2,084	2,084	2,084	2,084
Trinity River Alluvium Aquifer	Walker	Trinity	Fresh	3,913	3,913	3,913	3,913	3,913	3,913
Yegua-Jackson Aquifer	Leon	Trinity	Fresh	0	0	0	0	0	0
Yegua-Jackson Aquifer	Madison	Brazos	Fresh	11	11	11	11	11	11

* Salinity field indicates whether the source availability is considered ‘fresh’ (less than 1,000 mg/L), ‘brackish’ (1,000 to 10,000 mg/L), ‘saline’ (10,001 mg/L to 34,999 mg/L), or ‘seawater’ (35,000 mg/L or greater). Sources can also be labeled as ‘fresh/brackish’ or ‘brackish/saline’, if a combination of the salinity types is appropriate.

** Since reservoir sources can exist across multiple counties, the county field value, ‘reservoir’ is applied to all reservoir sources.

Region H Source Total Availability

				Source Availability (acre-feet per year)					
Source Name	**County**	**Basin**	**Salinity***	**2030**	**2040**	**2050**	**2060**	**2070**	**2080**
Yegua-Jackson Aquifer	Madison	Trinity	Fresh	1,111	1,111	1,111	1,111	1,111	1,111
Yegua-Jackson Aquifer	Polk	Trinity	Brackish	0	0	0	0	0	0
Yegua-Jackson Aquifer	Trinity	Trinity	Fresh	2,191	2,191	2,191	2,191	2,191	2,191
Yegua-Jackson Aquifer	Walker	San Jacinto	Fresh	351	351	351	351	351	351
Yegua-Jackson Aquifer	Walker	Trinity	Fresh	3,823	3,823	3,823	3,823	3,823	3,823
Reuse Source Availability Total				**47,049**	**48,420**	**50,481**	**52,482**	**53,555**	**54,628**
Direct Reuse	Brazoria	San Jacinto-Brazos	Fresh	3,737	3,737	3,737	3,737	3,737	3,737
Direct Reuse	Fort Bend	Brazos	Fresh	1,283	1,283	1,283	1,283	1,283	1,283
Direct Reuse	Fort Bend	San Jacinto	Fresh	2,049	2,049	2,049	2,049	2,049	2,049
Direct Reuse	Fort Bend	San Jacinto-Brazos	Fresh	1,907	1,907	1,907	1,907	1,907	1,907
Direct Reuse	Galveston	San Jacinto-Brazos	Fresh	1,437	1,437	1,437	1,437	1,437	1,437
Direct Reuse	Harris	San Jacinto	Fresh	9,847	9,847	9,847	9,847	9,847	9,847
Direct Reuse	Harris	San Jacinto-Brazos	Fresh	1,521	1,521	1,521	1,521	1,521	1,521
Direct Reuse	Harris	Trinity-San Jacinto	Fresh	3,172	3,172	3,172	3,172	3,172	3,172
Direct Reuse	Leon	Trinity	Fresh	58	58	58	58	58	58
Direct Reuse	Montgomery	San Jacinto	Fresh	553	553	553	553	553	553
Direct Reuse	Waller	San Jacinto	Fresh	16	16	16	16	16	16
Indirect Reuse	Harris	San Jacinto	Fresh	11,708	11,783	11,873	11,993	11,993	11,993
Indirect Reuse	Montgomery	San Jacinto	Fresh	7,521	8,817	10,788	12,669	13,742	14,815

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** Since reservoir sources can exist across multiple counties, the county field value, ‘reservoir’ is applied to all reservoir sources.

Region H Source Total Availability

				Source Availability (acre-feet per year)					
Source Name	**County**	**Basin**	**Salinity***	**2030**	**2040**	**2050**	**2060**	**2070**	**2080**
Indirect Reuse	Walker	San Jacinto	Fresh	2,240	2,240	2,240	2,240	2,240	2,240
Surface Water Source Availability Total				**2,160,690**	**2,166,214**	**2,171,786**	**2,137,560**	**2,103,282**	**2,069,056**
Anahuac Lake/Reservoir	Reservoir**	Trinity	Fresh	0	0	0	0	0	0
Brazoria Lake/Reservoir	Reservoir**	Brazos	Fresh	0	0	0	0	0	0
Brazos Run-of-River	Brazoria	Brazos	Fresh	165,343	163,814	162,284	160,755	159,225	157,696
Brazos Run-of-River	Fort Bend	Brazos	Fresh	280,855	279,958	279,060	278,163	277,265	276,368
Brazos Run-of-River	Waller	Brazos	Fresh	44	44	44	44	44	44
Brazos-Colorado Run-of-River	Brazoria	Brazos-Colorado	Fresh	11,730	11,730	11,730	11,730	11,730	11,730
Cedar Bayou Generating Pond Lake/Reservoir	Reservoir**	Trinity-San Jacinto	Fresh	0	0	0	0	0	0
Conroe Lake/Reservoir	Reservoir**	San Jacinto	Fresh	80,000	79,350	78,700	78,100	77,500	76,850
Eagle Nest Lake/Reservoir	Reservoir**	Brazos	Fresh	0	0	0	0	0	0
Gulf Coast Water Authority Lake/Reservoir	Reservoir**	San Jacinto-Brazos	Fresh	0	0	0	0	0	0
Houston Lake/Reservoir	Reservoir**	San Jacinto	Fresh	182,500	180,650	178,850	177,050	175,300	173,550
Lewis Creek Lake/Reservoir	Reservoir**	San Jacinto	Fresh	0	0	0	0	0	0
Livingston-Wallisville Lake/Reservoir System	Reservoir**	Trinity	Fresh	1,210,300	1,220,750	1,231,200	1,201,800	1,172,300	1,142,900
Neches Run-of-River	Liberty	Neches	Fresh	161	161	161	161	161	161
Neches-Trinity Run-of-River	Chambers	Neches-Trinity	Fresh	37,475	37,475	37,475	37,475	37,475	37,475
Phillips Petroleum off-channel Lake/Reservoir	Reservoir**	Brazos-Colorado	Fresh	0	0	0	0	0	0
San Jacinto Run-of-River	Harris	San Jacinto	Fresh	12,477	12,477	12,477	12,477	12,477	12,477

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** Since reservoir sources can exist across multiple counties, the county field value, 'reservoir' is applied to all reservoir sources.

Region H Source Total Availability

				Source Availability (acre-feet per year)					
Source Name	**County**	**Basin**	**Salinity***	**2030**	**2040**	**2050**	**2060**	**2070**	**2080**
San Jacinto Run-of-River	Liberty	San Jacinto	Fresh	9	9	9	9	9	9
San Jacinto Run-of-River	Montgomery	San Jacinto	Fresh	141	141	141	141	141	141
San Jacinto-Brazos Run-of-River	Brazoria	San Jacinto-Brazos	Fresh	30,941	30,941	30,941	30,941	30,941	30,941
San Jacinto-Brazos Run-of-River	Fort Bend	San Jacinto-Brazos	Fresh	5,803	5,803	5,803	5,803	5,803	5,803
San Jacinto-Brazos Run-of-River	Galveston	San Jacinto-Brazos	Fresh	36	36	36	36	36	36
San Jacinto-Brazos Run-of-River	Harris	San Jacinto-Brazos	Fresh	311	311	311	311	311	311
Sheldon Lake/Reservoir	Reservoir**	San Jacinto	Fresh	0	0	0	0	0	0
Smithers Lake/Reservoir	Reservoir**	Brazos	Fresh	0	0	0	0	0	0
Trinity Run-of-River	Chambers	Trinity	Fresh	60,837	60,837	60,837	60,837	60,837	60,837
Trinity Run-of-River	Leon	Trinity	Fresh	156	156	156	156	156	156
Trinity Run-of-River	Liberty	Trinity	Fresh	48,893	48,893	48,893	48,893	48,893	48,893
Trinity Run-of-River	Madison	Trinity	Fresh	169	169	169	169	169	169
Trinity Run-of-River	Polk	Trinity	Fresh	26,510	26,510	26,510	26,510	26,510	26,510
Trinity Run-of-River	Trinity	Trinity	Fresh	0	0	0	0	0	0
Trinity Run-of-River	Walker	Trinity	Fresh	460	460	460	460	460	460
Trinity-San Jacinto Run-of-River	Chambers	Trinity-San Jacinto	Fresh	1,213	1,213	1,213	1,213	1,213	1,213
Trinity-San Jacinto Run-of-River	Harris	Trinity-San Jacinto	Fresh	2,421	2,421	2,421	2,421	2,421	2,421
Trinity-San Jacinto Run-of-River	Liberty	Trinity-San Jacinto	Fresh	1,905	1,905	1,905	1,905	1,905	1,905
Region H Source Availability Total				**3,167,924**	**3,106,223**	**3,140,999**	**3,128,618**	**3,114,411**	**3,097,233**

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** Since reservoir sources can exist across multiple counties, the county field value, 'reservoir' is applied to all reservoir sources.

Region H Source Total Availability

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** Since reservoir sources can exist across multiple counties, the county field value, ‘reservoir’ is applied to all reservoir sources.

Region H Water User Group (WUG) Existing Water Supply

WUG Name	Source Region	Source Description	Existing Supply (acre-feet per year)					
			2030	2040	2050	2060	2070	2080
Austin County WUG Total			**12,212**	**12,362**	**12,537**	**12,618**	**12,677**	**12,732**
Austin County / Brazos Basin WUG Total			**7,472**	**7,611**	**7,778**	**7,855**	**7,911**	**7,961**
Austin County WSC	H	Gulf Coast Aquifer System | Austin County	306	345	377	393	401	409
Bellville	H	Gulf Coast Aquifer System | Austin County	1,180	1,195	1,232	1,250	1,265	1,281
Sealy	H	Gulf Coast Aquifer System | Austin County	1,416	1,478	1,559	1,594	1,621	1,637
West End WSC*	H	Gulf Coast Aquifer System | Austin County	111	110	110	110	110	110
County-Other	H	Gulf Coast Aquifer System | Austin County	1,267	1,290	1,306	1,313	1,318	1,327
Manufacturing	H	Gulf Coast Aquifer System | Austin County	15	16	17	18	19	20
Mining	H	Gulf Coast Aquifer System | Austin County	35	35	35	35	35	35
Steam Electric Power		No water supply associated with WUG	0	0	0	0	0	0
Livestock	H	Gulf Coast Aquifer System | Austin County	919	919	919	919	919	919
Irrigation	H	Gulf Coast Aquifer System | Austin County	2,223	2,223	2,223	2,223	2,223	2,223
Austin County / Brazos-Colorado Basin WUG Total			**4,696**	**4,707**	**4,715**	**4,719**	**4,722**	**4,727**
Austin County WSC	H	Gulf Coast Aquifer System | Austin County	26	30	32	34	34	35
Sealy	H	Gulf Coast Aquifer System | Austin County	8	8	9	9	9	9
Wallis	H	Gulf Coast Aquifer System | Austin County	153	152	152	152	152	153
County-Other	H	Gulf Coast Aquifer System | Austin County	442	450	455	457	460	463
Livestock	H	Gulf Coast Aquifer System | Austin County	283	283	283	283	283	283
Irrigation	H	Gulf Coast Aquifer System | Austin County	3,784	3,784	3,784	3,784	3,784	3,784
Austin County / Colorado Basin WUG Total			**44**	**44**	**44**	**44**	**44**	**44**
West End WSC*	H	Gulf Coast Aquifer System | Austin County	7	7	7	7	7	7

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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)					
			2030	2040	2050	2060	2070	2080
County-Other	H	Gulf Coast Aquifer System | Austin County	17	17	17	17	17	17
Livestock	H	Gulf Coast Aquifer System | Austin County	20	20	20	20	20	20
Brazoria County WUG Total			**331,417**	**330,050**	**328,635**	**327,137**	**324,721**	**320,942**
Brazoria County / Brazos Basin WUG Total			**179,845**	**178,361**	**176,889**	**175,423**	**173,475**	**170,328**
Brazoria	H	Brazos Run-of-River	95	96	96	96	95	94
Brazoria County FWSD 1	H	Gulf Coast Aquifer System | Brazoria County	82	88	86	84	83	80
Freeport	H	Brazos Run-of-River	187	187	188	187	187	187
Lake Jackson	H	Brazos Run-of-River	59	59	59	59	59	59
Lake Jackson	H	Gulf Coast Aquifer System | Brazoria County	70	64	62	59	56	52
Varner Creek UD	H	Gulf Coast Aquifer System | Brazoria County	309	301	293	291	288	277
West Columbia	H	Gulf Coast Aquifer System | Brazoria County	280	271	267	261	256	244
County-Other	H	Gulf Coast Aquifer System | Brazoria County	499	519	546	554	564	584
Manufacturing	G	BRA System Operations Permit Supply	15,079	14,899	14,719	14,539	13,870	11,976
Manufacturing	G	Brazos River Authority Main Stem Lake/Reservoir System	14,487	14,391	14,295	14,199	14,103	14,007
Manufacturing	H	Brazos Run-of-River	143,570	142,434	141,296	140,160	139,022	137,885
Manufacturing	H	Gulf Coast Aquifer System | Brazoria County	1,119	1,083	1,051	1,030	1,012	1,006
Livestock	H	Gulf Coast Aquifer System | Brazoria County	180	175	170	166	163	163
Irrigation	H	Brazos Run-of-River	2,663	2,663	2,663	2,663	2,663	2,663
Irrigation	H	Gulf Coast Aquifer System | Brazoria County	1,166	1,131	1,098	1,075	1,054	1,051
Brazoria County / Brazos-Colorado Basin WUG Total			**22,630**	**22,429**	**22,178**	**21,926**	**21,679**	**21,668**
Brazoria	H	Brazos Run-of-River	659	658	658	658	659	660
Brazoria County FWSD 1	H	Gulf Coast Aquifer System | Brazoria County	17	18	18	18	18	17
Freeport	H	Brazos Run-of-River	4	4	4	4	3	3

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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)					
			2030	2040	2050	2060	2070	2080
Sweeny	H	Gulf Coast Aquifer System | Brazoria County	483	472	467	460	453	435
West Columbia	H	Gulf Coast Aquifer System | Brazoria County	159	154	151	148	144	138
County-Other	H	Gulf Coast Aquifer System | Brazoria County	2,455	2,536	2,578	2,510	2,443	2,447
Manufacturing	H	Brazos-Colorado Run-of-River	11,730	11,730	11,730	11,730	11,730	11,730
Manufacturing	H	Gulf Coast Aquifer System | Brazoria County	1,897	1,826	1,751	1,704	1,659	1,662
Livestock	H	Gulf Coast Aquifer System | Brazoria County	336	324	310	302	294	295
Irrigation	H	Gulf Coast Aquifer System | Brazoria County	4,890	4,707	4,511	4,392	4,276	4,281
Brazoria County / San Jacinto-Brazos Basin WUG Total			**128,942**	**129,260**	**129,568**	**129,788**	**129,567**	**128,946**
Alvin	H	Direct Reuse	81	81	81	81	81	81
Alvin	H	Gulf Coast Aquifer System | Brazoria County	2,947	2,919	3,058	3,034	2,987	2,946
Angleton	H	Brazos Run-of-River	2,576	2,576	2,576	2,576	2,576	2,576
Angleton	H	Gulf Coast Aquifer System | Brazoria County	362	347	342	339	337	336
Brazoria County MUD 2	H	Gulf Coast Aquifer System | Brazoria County	1,514	1,553	1,577	1,620	1,618	1,587
Brazoria County MUD 21	H	Gulf Coast Aquifer System | Brazoria County	659	656	647	648	647	639
Brazoria County MUD 22	H	Gulf Coast Aquifer System | Brazoria County	474	478	479	479	506	522
Brazoria County MUD 25	H	Gulf Coast Aquifer System | Brazoria County	380	371	367	366	368	372
Brazoria County MUD 29	H	Gulf Coast Aquifer System | Brazoria County	309	320	313	311	316	321
Brazoria County MUD 3	H	Direct Reuse	9	9	9	9	9	9
Brazoria County MUD 3	H	Gulf Coast Aquifer System | Brazoria County	629	643	651	668	686	696
Brazoria County MUD 31	H	Gulf Coast Aquifer System | Brazoria County	815	783	755	734	725	713
Brazoria County MUD 39	H	Gulf Coast Aquifer System | Brazoria County	370	355	351	347	346	345

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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)					
			2030	2040	2050	2060	2070	2080
Brazoria County MUD 55	H	Gulf Coast Aquifer System | Brazoria County	382	373	366	360	354	340
Brazoria County MUD 6	H	Gulf Coast Aquifer System | Brazoria County	1,531	1,626	1,641	1,693	1,731	1,756
Clute	H	Brazos Run-of-River	2,240	2,240	2,240	2,240	1,891	1,499
Clute	H	Gulf Coast Aquifer System | Brazoria County	417	362	344	306	267	215
Danbury	H	Gulf Coast Aquifer System | Brazoria County	158	156	154	151	147	140
Fort Bend County FWSD 1	H	Gulf Coast Aquifer System | Fort Bend County	3	3	3	5	5	5
Freeport	H	Brazos Run-of-River	1,713	1,713	1,712	1,713	1,714	1,714
Freeport	H	Direct Reuse	22	22	22	22	22	22
Hillcrest Village	H	Gulf Coast Aquifer System | Brazoria County	102	96	92	88	85	83
Lake Jackson	H	Brazos Run-of-River	2,181	2,181	2,181	2,181	2,181	2,181
Lake Jackson	H	Gulf Coast Aquifer System | Brazoria County	2,599	2,367	2,296	2,184	2,077	1,930
Manvel	H	Gulf Coast Aquifer System | Brazoria County	786	794	784	776	773	771
Oyster Creek	H	Brazos Run-of-River	184	184	184	184	184	184
Oyster Creek	H	Gulf Coast Aquifer System | Brazoria County	72	68	66	57	47	37
Pearland	H	Gulf Coast Aquifer System | Brazoria County	7,289	8,790	9,446	10,112	10,638	10,935
Pearland	H	Livingston-Wallisville Lake/Reservoir System	15,985	15,948	15,983	16,039	16,073	16,084
Quadvest*	H	Gulf Coast Aquifer System | Brazoria County	142	139	137	135	132	128
Richwood	H	Brazos Run-of-River	263	263	263	263	263	263
Richwood	H	Gulf Coast Aquifer System | Brazoria County	174	157	150	139	127	112
Sedona Lakes MUD 1	H	Gulf Coast Aquifer System | Brazoria County	256	258	283	292	292	296
Surfside Beach	H	Brazos Run-of-River	336	336	336	336	336	336
Surfside Beach	H	Gulf Coast Aquifer System | Brazoria County	107	103	100	94	89	83
TDCJ Darrington Unit	H	Gulf Coast Aquifer System | Brazoria County	743	710	690	683	672	659
TDCJ Ramsey Area	H	Brazos Run-of-River	1,008	1,008	1,008	1,008	1,008	1,008

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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)					
			2030	2040	2050	2060	2070	2080
TDCJ Ramsey Area	H	Gulf Coast Aquifer System | Brazoria County	1,636	1,565	1,546	1,529	1,523	1,519
County-Other	H	Brazos Run-of-River	52	52	52	52	52	52
County-Other	H	Gulf Coast Aquifer System | Brazoria County	7,564	7,251	7,163	7,089	7,063	7,056
Manufacturing	G	BRA System Operations Permit Supply	3,533	3,260	2,977	2,701	2,423	2,147
Manufacturing	G	Brazos River Authority Main Stem Lake/Reservoir System	7,358	7,617	7,792	7,951	8,099	8,236
Manufacturing	H	Brazos Run-of-River	15,871	15,806	15,745	15,683	15,622	15,559
Manufacturing	H	Direct Reuse	3,625	3,625	3,625	3,625	3,625	3,625
Manufacturing	H	Gulf Coast Aquifer System | Brazoria County	788	756	746	738	735	733
Manufacturing	H	Livingston-Wallisville Lake/Reservoir System	8	8	8	8	8	8
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	176	169	166	165	164	164
Livestock	H	Gulf Coast Aquifer System | Brazoria County	855	819	809	800	797	795
Irrigation	H	Brazos Run-of-River	0	0	0	0	0	0
Irrigation	H	Gulf Coast Aquifer System | Brazoria County	7,577	7,263	7,171	7,093	7,065	7,047
Irrigation	H	San Jacinto-Brazos Run-of-River	15,011	15,011	15,011	15,011	15,011	15,011
Chambers County WUG Total			**207,432**	**208,493**	**209,764**	**210,984**	**211,816**	**212,743**
Chambers County / Neches-Trinity Basin WUG Total			**133,045**	**133,110**	**133,200**	**133,289**	**133,383**	**133,487**
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	587	588	588	589	590	591
Trinity Bay Conservation District*	H	Trinity Run-of-River	875	878	879	880	882	882
County-Other	H	Gulf Coast Aquifer System | Chambers County	126	186	274	360	452	556
Manufacturing	H	Livingston-Wallisville Lake/Reservoir System	2,710	2,710	2,710	2,710	2,710	2,710

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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)					
			2030	2040	2050	2060	2070	2080
Livestock	H	Gulf Coast Aquifer System | Chambers County	431	431	431	431	431	431
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	37,475	37,475	37,475	37,475	37,475	37,475
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	41,022	41,022	41,022	41,022	41,022	41,022
Chambers County / Trinity Basin WUG Total			**21,046**	**21,877**	**22,835**	**23,636**	**23,987**	**24,376**
Anahuac	H	Trinity Run-of-River	53	52	51	50	51	52
Baytown	H	Livingston-Wallisville Lake/Reservoir System	199	218	258	307	365	431
C C Water Works	H	Gulf Coast Aquifer System | Chambers County	165	165	165	165	165	165
Mont Belvieu	H	Gulf Coast Aquifer System | Chambers County	3,046	3,278	3,329	3,596	3,888	4,209
Trinity Bay Conservation District*	I	Sam Rayburn-Steinhagen Lake/Reservoir System	132	132	133	133	133	133
Trinity Bay Conservation District*	H	Trinity Run-of-River	198	197	198	198	198	199
County-Other	H	Gulf Coast Aquifer System | Chambers County	1,238	1,820	2,686	3,172	3,172	3,172
Manufacturing	H	Gulf Coast Aquifer System | Chambers County	1,474	1,474	1,474	1,474	1,474	1,474
Manufacturing	H	Livingston-Wallisville Lake/Reservoir System	4,633	4,633	4,633	4,633	4,633	4,633
Livestock	H	Gulf Coast Aquifer System | Chambers County	48	48	48	48	48	48
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
Chambers County / Trinity-San Jacinto Basin WUG Total			**53,341**	**53,506**	**53,729**	**54,059**	**54,446**	**54,880**
Baytown	H	Livingston-Wallisville Lake/Reservoir System	1,059	1,162	1,371	1,628	1,942	2,293

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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)					
			2030	2040	2050	2060	2070	2080
C C Water Works	H	Gulf Coast Aquifer System | Chambers County	23	23	23	23	23	23
Chambers County MUD 1	H	Livingston-Wallisville Lake/Reservoir System	422	452	490	531	575	624
Mont Belvieu	H	Gulf Coast Aquifer System | Chambers County	865	932	946	1,022	1,105	1,196
County-Other	H	Gulf Coast Aquifer System | Chambers County	521	521	521	521	521	521
County-Other	H	Livingston-Wallisville Lake/Reservoir System	971	936	898	854	800	743
Manufacturing	H	Gulf Coast Aquifer System | Chambers County	1,479	1,479	1,479	1,479	1,479	1,479
Manufacturing	H	Livingston-Wallisville Lake/Reservoir System	33,662	33,662	33,662	33,662	33,662	33,662
Mining	H	Gulf Coast Aquifer System | Chambers County	1	1	1	1	1	1
Steam Electric Power	H	Livingston-Wallisville Lake/Reservoir System	11,063	11,063	11,063	11,063	11,063	11,063
Livestock	H	Gulf Coast Aquifer System | Chambers County	42	42	42	42	42	42
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
Fort Bend County WUG Total			**316,091**	**331,032**	**344,507**	**355,128**	**365,695**	**375,067**
Fort Bend County / Brazos Basin WUG Total			**190,877**	**198,931**	**208,422**	**215,906**	**224,022**	**231,219**
First Colony MUD 9	H	Gulf Coast Aquifer System | Fort Bend County	493	490	504	506	512	518
Fort Bend County FWSD 2	H	Gulf Coast Aquifer System | Fort Bend County	27	27	27	27	27	27
Fort Bend County MUD 115	H	Brazos Run-of-River	698	698	698	698	698	698
Fort Bend County MUD 115	H	Gulf Coast Aquifer System | Fort Bend County	2	5	32	38	48	56
Fort Bend County MUD 116	H	Gulf Coast Aquifer System | Fort Bend County	950	1,012	1,012	1,019	1,025	1,034
Fort Bend County MUD 121	H	Gulf Coast Aquifer System | Fort Bend County	183	182	182	182	182	182

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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)					
			2030	2040	2050	2060	2070	2080
Fort Bend County MUD 128	H	Brazos Run-of-River	1,948	1,948	1,948	1,948	1,948	1,948
Fort Bend County MUD 128	H	Direct Reuse	411	411	411	411	411	411
Fort Bend County MUD 129	H	Brazos Run-of-River	1,295	1,295	1,295	1,295	1,295	1,295
Fort Bend County MUD 129	H	Gulf Coast Aquifer System | Fort Bend County	4	14	19	27	37	61
Fort Bend County MUD 140	G	Brazos River Authority Main Stem Lake/Reservoir System	505	505	505	505	505	505
Fort Bend County MUD 140	H	Gulf Coast Aquifer System | Fort Bend County	148	148	149	149	170	186
Fort Bend County MUD 149	H	Brazos Run-of-River	1,595	1,595	1,595	1,595	1,595	1,595
Fort Bend County MUD 149	H	Gulf Coast Aquifer System | Fort Bend County	5	5	24	25	28	39
Fort Bend County MUD 152	H	Gulf Coast Aquifer System | Fort Bend County	680	679	681	694	706	708
Fort Bend County MUD 155	H	Gulf Coast Aquifer System | Fort Bend County	629	683	748	800	845	872
Fort Bend County MUD 158	H	Gulf Coast Aquifer System | Fort Bend County	443	466	495	519	539	551
Fort Bend County MUD 162	H	Gulf Coast Aquifer System | Fort Bend County	266	266	274	285	318	331
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	184	202	202	202	206	207
Fort Bend County MUD 46	H	Brazos Run-of-River	740	739	740	739	739	739
Fort Bend County MUD 46	H	Gulf Coast Aquifer System | Fort Bend County	2	25	43	52	53	54
Fort Bend County MUD 49	H	Gulf Coast Aquifer System | Fort Bend County	1	1	1	1	2	2
Fort Bend County MUD 5	H	Gulf Coast Aquifer System | Fort Bend County	367	384	404	412	414	415
Fort Bend County MUD 81	H	Gulf Coast Aquifer System | Fort Bend County	1,525	1,524	2,223	2,731	3,008	3,202
Fort Bend County WCID 3	H	Gulf Coast Aquifer System | Fort Bend County	360	360	360	360	372	379

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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)					
			2030	2040	2050	2060	2070	2080
Fulshear	H	Gulf Coast Aquifer System | Fort Bend County	625	856	866	870	890	903
Needville	H	Gulf Coast Aquifer System | Fort Bend County	148	239	278	287	290	291
North Fort Bend Water Authority	H	Direct Reuse	116	116	117	117	117	117
North Fort Bend Water Authority	H	Gulf Coast Aquifer System | Fort Bend County	656	1,185	1,442	1,753	2,085	2,516
Pecan Grove MUD 1	G	BRA System Operations Permit Supply	492	454	415	377	338	300
Pecan Grove MUD 1	G	Brazos River Authority Main Stem Lake/Reservoir System	869	901	919	938	955	971
Pecan Grove MUD 1	H	Brazos Run-of-River	1,511	1,502	1,494	1,485	1,477	1,467
Pecan Grove MUD 1	H	Gulf Coast Aquifer System | Fort Bend County	1,084	1,175	1,232	1,255	1,266	1,283
Plantation MUD	H	Direct Reuse	6	6	6	6	6	6
Plantation MUD	H	Gulf Coast Aquifer System | Fort Bend County	395	399	407	409	412	416
Quadvest*	H	Gulf Coast Aquifer System | Fort Bend County	575	708	851	977	1,075	1,135
Richmond	G	Brazos River Authority Main Stem Lake/Reservoir System	1,296	1,296	1,185	1,014	854	706
Richmond	H	Direct Reuse	263	263	263	263	263	263
Richmond	H	Gulf Coast Aquifer System | Fort Bend County	48	137	200	212	253	314
Rosenberg	H	Brazos Run-of-River	3,360	3,360	3,360	3,360	3,360	3,360
Rosenberg	H	Direct Reuse	556	556	556	556	556	556
Rosenberg	H	Gulf Coast Aquifer System | Fort Bend County	611	1,240	1,773	2,158	2,457	2,724
Royal Valley Utilities	H	Gulf Coast Aquifer System | Fort Bend County	899	937	953	1,010	1,021	1,045
Sienna Plantation	H	Brazos Run-of-River	5,673	5,673	5,673	5,673	5,674	5,673
Sienna Plantation	H	Direct Reuse	3	3	3	3	3	3
Sienna Plantation	H	Gulf Coast Aquifer System | Fort Bend County	16	85	155	184	222	290
Sugar Land	H	Brazos Run-of-River	6,052	6,051	6,052	6,052	6,052	6,052
Sugar Land	H	Direct Reuse	329	329	329	329	329	329
Sugar Land	H	Gulf Coast Aquifer System | Fort Bend County	5,844	5,966	6,182	6,262	6,368	6,550

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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)					
			2030	2040	2050	2060	2070	2080
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	547	546	546	546	546	546
Thunderbird UD	H	Gulf Coast Aquifer System | Fort Bend County	184	169	181	181	181	187
County-Other	G	Brazos River Authority Main Stem Lake/Reservoir System	586	586	586	586	586	586
County-Other	H	Direct Reuse	458	458	458	458	458	458
County-Other	H	Gulf Coast Aquifer System | Fort Bend County	7,828	14,190	21,929	28,365	35,687	42,056
Manufacturing	G	Brazos River Authority Main Stem Lake/Reservoir System	67	67	67	67	67	67
Manufacturing	H	Brazos Run-of-River	370	370	370	370	370	370
Manufacturing	H	Gulf Coast Aquifer System | Fort Bend County	506	525	545	565	586	607
Mining	H	Brazos Run-of-River	378	378	378	378	378	378
Mining	H	Gulf Coast Aquifer System | Fort Bend County	13	15	17	19	20	22
Steam Electric Power	G	Brazos River Authority Main Stem Lake/Reservoir System	75,152	74,654	74,155	73,657	73,159	72,661
Steam Electric Power	H	Brazos Run-of-River	41,719	41,719	41,719	41,719	41,719	41,719
Livestock	H	Gulf Coast Aquifer System | Fort Bend County	424	424	424	424	424	424
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	3,298	3,298	3,298	3,298	3,298	3,298
Fort Bend County / Brazos-Colorado Basin WUG Total			**16,509**	**17,020**	**17,069**	**17,079**	**17,104**	**17,118**
Kendleton	H	Gulf Coast Aquifer System | Fort Bend County	90	492	492	492	514	527
Needville	H	Gulf Coast Aquifer System | Fort Bend County	181	290	339	349	352	353
County-Other	H	Gulf Coast Aquifer System | Fort Bend County	3,699	3,699	3,699	3,699	3,699	3,699
Livestock	H	Gulf Coast Aquifer System | Fort Bend County	138	138	138	138	138	138

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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)					
			2030	2040	2050	2060	2070	2080
Irrigation	H	Gulf Coast Aquifer System | Fort Bend County	12,401	12,401	12,401	12,401	12,401	12,401
Fort Bend County / San Jacinto Basin WUG Total			**42,843**	**40,789**	**42,100**	**43,245**	**44,343**	**45,374**
Blue Ridge West MUD	H	Direct Reuse	9	9	9	9	9	9
Blue Ridge West MUD	H	Gulf Coast Aquifer System | Fort Bend County	943	944	951	972	979	987
Fort Bend County FWSD 2	H	Gulf Coast Aquifer System | Fort Bend County	32	34	38	42	45	47
Fort Bend County MUD 26	H	Gulf Coast Aquifer System | Fort Bend County	114	121	122	129	131	134
Fort Bend County WCID 2	H	Brazos Run-of-River	1,490	1,494	1,496	1,497	1,499	1,499
Fort Bend County WCID 2	H	Gulf Coast Aquifer System | Fort Bend County	1,190	1,420	1,526	1,603	1,665	1,739
Fulshear	H	Gulf Coast Aquifer System | Fort Bend County	57	66	66	66	66	66
Houston	H	Gulf Coast Aquifer System | Fort Bend County	2,887	3,153	3,317	3,478	3,593	3,701
Houston	H	Livingston-Wallisville Lake/Reservoir System	3,669	3,916	4,033	4,206	4,392	4,523
Katy	H	Gulf Coast Aquifer System | Fort Bend County	1,494	1,756	1,904	1,916	2,019	2,118
Meadows Place	H	Direct Reuse	25	25	25	25	25	25
Meadows Place	H	Gulf Coast Aquifer System | Fort Bend County	806	816	831	852	864	876
North Fort Bend Water Authority	H	Direct Reuse	1,116	1,118	1,119	1,121	1,122	1,122
North Fort Bend Water Authority	H	Gulf Coast Aquifer System | Fort Bend County	17,454	18,244	18,935	19,545	20,085	20,606
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	481	481	481	481	481	481
Sugar Land	H	Gulf Coast Aquifer System | Fort Bend County	569	587	608	616	623	638
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	0	9	35	61	81	100

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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)					
			2030	2040	2050	2060	2070	2080
Willow Creek Farms MUD	H	Gulf Coast Aquifer System | Waller County	63	80	91	91	91	91
County-Other	H	Gulf Coast Aquifer System | Fort Bend County	28	33	40	51	66	76
Manufacturing	H	Gulf Coast Aquifer System | Fort Bend County	787	816	846	878	910	944
Livestock	H	Gulf Coast Aquifer System | Fort Bend County	11	11	11	11	11	11
Irrigation	H	Gulf Coast Aquifer System | Fort Bend County	364	364	364	364	364	364
Fort Bend County / San Jacinto-Brazos Basin WUG Total			**65,862**	**74,292**	**76,916**	**78,898**	**80,226**	**81,356**
First Colony MUD 9	H	Gulf Coast Aquifer System | Fort Bend County	848	855	872	897	918	935
Fort Bend County FWSD 1	H	Gulf Coast Aquifer System | Fort Bend County	689	854	916	933	956	979
Fort Bend County FWSD 2	H	Gulf Coast Aquifer System | Fort Bend County	183	189	202	210	221	234
Fort Bend County MUD 131	H	Gulf Coast Aquifer System | Fort Bend County	245	251	256	259	273	281
Fort Bend County MUD 23	H	Gulf Coast Aquifer System | Fort Bend County	1,578	1,597	1,597	1,603	1,608	1,613
Fort Bend County MUD 24	H	Gulf Coast Aquifer System | Fort Bend County	286	298	298	298	298	299
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	777	786	798	800	808	818
Fort Bend County MUD 26	H	Gulf Coast Aquifer System | Fort Bend County	506	508	516	525	528	533
Fort Bend County MUD 42	H	Gulf Coast Aquifer System | Fort Bend County	705	718	726	734	742	751
Fort Bend County MUD 46	H	Brazos Run-of-River	7	8	7	8	8	8
Fort Bend County MUD 46	H	Gulf Coast Aquifer System | Fort Bend County	0	1	1	1	1	1
Fort Bend County MUD 47	H	Brazos Run-of-River	346	346	346	346	346	346
Fort Bend County MUD 47	H	Gulf Coast Aquifer System | Fort Bend County	1	1	1	1	1	8
Fort Bend County MUD 48	H	Brazos Run-of-River	497	497	497	497	497	497

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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)					
			2030	2040	2050	2060	2070	2080
Fort Bend County MUD 48	H	Gulf Coast Aquifer System | Fort Bend County	2	4	6	18	23	26
Fort Bend County MUD 49	H	Brazos Run-of-River	116	116	116	116	116	116
Fort Bend County MUD 49	H	Gulf Coast Aquifer System | Fort Bend County	6	8	8	8	13	13
Fort Bend County WCID 2	H	Brazos Run-of-River	1,628	1,632	1,634	1,636	1,637	1,638
Fort Bend County WCID 2	H	Gulf Coast Aquifer System | Fort Bend County	2,037	2,108	2,196	2,272	2,358	2,453
Fulshear	H	Gulf Coast Aquifer System | Fort Bend County	3,241	4,051	4,075	4,141	4,216	4,270
Houston	H	Gulf Coast Aquifer System | Fort Bend County	393	411	423	448	470	480
Houston	H	Livingston-Wallisville Lake/Reservoir System	469	500	515	537	561	577
Meadowcreek MUD	H	Gulf Coast Aquifer System | Fort Bend County	256	256	260	262	263	265
Missouri City	G	BRA System Operations Permit Supply	4,389	4,114	3,959	3,779	3,392	3,004
Missouri City	G	Brazos River Authority Main Stem Lake/Reservoir System	2,854	3,214	3,456	3,681	3,888	4,080
Missouri City	H	Brazos Run-of-River	1,548	1,463	1,376	1,289	1,202	1,115
Missouri City	H	Gulf Coast Aquifer System | Fort Bend County	5	109	159	181	223	242
North Fort Bend Water Authority	H	Direct Reuse	723	725	726	727	727	727
North Fort Bend Water Authority	H	Gulf Coast Aquifer System | Fort Bend County	5,481	7,632	9,247	10,494	11,287	11,989
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	437	438	438	438	439	447
Palmer Plantation MUD 2	H	Gulf Coast Aquifer System | Fort Bend County	332	331	331	331	331	331
Pearland	H	Livingston-Wallisville Lake/Reservoir System	760	882	874	843	821	809
Pecan Grove MUD 1	G	BRA System Operations Permit Supply	7	6	6	5	4	4

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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)					
			2030	2040	2050	2060	2070	2080
Pecan Grove MUD 1	G	Brazos River Authority Main Stem Lake/Reservoir System	54	54	55	55	55	55
Pecan Grove MUD 1	H	Brazos Run-of-River	20	20	20	20	20	20
Pecan Grove MUD 1	H	Gulf Coast Aquifer System | Fort Bend County	15	16	16	16	16	16
Quail Valley UD	H	Direct Reuse	634	634	634	634	634	634
Quail Valley UD	H	Gulf Coast Aquifer System | Fort Bend County	1,823	1,850	1,860	1,909	1,934	1,959
Sienna Plantation	H	Brazos Run-of-River	2,642	2,642	2,642	2,642	2,641	2,642
Sienna Plantation	H	Direct Reuse	9	9	9	9	9	9
Sienna Plantation	H	Gulf Coast Aquifer System | Fort Bend County	7	20	74	100	123	138
Sugar Land	H	Brazos Run-of-River	2,973	2,974	2,973	2,973	2,973	2,973
Sugar Land	H	Gulf Coast Aquifer System | Fort Bend County	3,345	3,565	3,650	3,791	3,927	4,054
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	2	2	2	2	2	2
Thunderbird UD	H	Gulf Coast Aquifer System | Fort Bend County	637	660	670	675	682	692
County-Other	H	Gulf Coast Aquifer System | Fort Bend County	2,011	2,603	3,135	3,434	3,743	3,997
Manufacturing	G	BRA System Operations Permit Supply	340	313	286	260	233	206
Manufacturing	G	Brazos River Authority Main Stem Lake/Reservoir System	196	221	238	253	267	281
Manufacturing	H	Brazos Run-of-River	1,739	1,733	1,727	1,721	1,715	1,709
Manufacturing	H	Gulf Coast Aquifer System | Fort Bend County	378	392	407	422	437	454
Livestock	H	Gulf Coast Aquifer System | Fort Bend County	100	100	100	100	100	100
Irrigation	H	Gulf Coast Aquifer System | Fort Bend County	3,112	3,112	3,112	3,112	3,112	3,112
Irrigation	H	San Jacinto-Brazos Run-of-River	165	165	165	165	165	165

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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)					
			2030	2040	2050	2060	2070	2080
Galveston County WUG Total			**159,980**	**159,302**	**158,046**	**156,651**	**155,091**	**153,436**
Galveston County / Neches-Trinity Basin WUG Total			**6,057**	**6,057**	**6,057**	**6,057**	**6,057**	**6,057**
Bolivar Peninsula SUD	I	Sam Rayburn-Steinhagen Lake/Reservoir System	6,000	6,000	6,000	6,000	6,000	6,000
Livestock	H	Gulf Coast Aquifer System | Galveston County	1	1	1	1	1	1
Irrigation	H	Gulf Coast Aquifer System | Galveston County	56	56	56	56	56	56
Galveston County / San Jacinto-Brazos Basin WUG Total			**153,923**	**153,245**	**151,989**	**150,594**	**149,034**	**147,379**
Bacliff MUD	G	BRA System Operations Permit Supply	235	216	199	180	162	143
Bacliff MUD	G	Brazos River Authority Main Stem Lake/Reservoir System	136	153	165	175	185	194
Bacliff MUD	H	Brazos Run-of-River	722	718	713	709	705	701
Bacliff MUD	H	Direct Reuse	68	68	68	68	68	68
Bacliff MUD	H	Gulf Coast Aquifer System | Galveston County	12	12	12	12	12	12
Bayview MUD	G	BRA System Operations Permit Supply	77	71	65	59	53	47
Bayview MUD	G	Brazos River Authority Main Stem Lake/Reservoir System	44	50	53	57	60	63
Bayview MUD	H	Brazos Run-of-River	236	234	233	232	230	229
Bayview MUD	H	Gulf Coast Aquifer System | Galveston County	1	1	1	1	1	1
Friendswood	H	Gulf Coast Aquifer System | Galveston County	1,129	1,169	1,198	1,221	1,235	1,246
Friendswood	H	Livingston-Wallisville Lake/Reservoir System	10,066	10,118	10,197	10,262	10,263	10,252
Galveston	G	BRA System Operations Permit Supply	4,151	3,824	3,499	3,173	2,848	2,522
Galveston	G	Brazos River Authority Main Stem Lake/Reservoir System	2,396	2,699	2,902	3,091	3,264	3,426
Galveston	H	Brazos Run-of-River	12,335	12,263	12,190	12,117	12,045	11,972
Galveston County FWSD 6	G	BRA System Operations Permit Supply	160	148	134	122	110	98

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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)					
			2030	2040	2050	2060	2070	2080
Galveston County FWSD 6	G	Brazos River Authority Main Stem Lake/Reservoir System	93	104	112	119	126	132
Galveston County FWSD 6	H	Brazos Run-of-River	491	488	486	483	480	477
Galveston County MUD 12	G	BRA System Operations Permit Supply	89	82	75	68	62	54
Galveston County MUD 12	G	Brazos River Authority Main Stem Lake/Reservoir System	52	57	62	66	70	74
Galveston County MUD 12	H	Brazos Run-of-River	272	272	270	269	266	265
Galveston County MUD 12	H	Gulf Coast Aquifer System | Galveston County	16	16	16	16	16	16
Galveston County WCID 1	G	BRA System Operations Permit Supply	823	759	695	630	565	500
Galveston County WCID 1	G	Brazos River Authority Main Stem Lake/Reservoir System	476	536	576	613	648	680
Galveston County WCID 1	H	Brazos Run-of-River	1,321	1,307	1,292	1,278	1,263	1,249
Galveston County WCID 1	H	Direct Reuse	424	424	424	424	424	424
Galveston County WCID 1	H	Gulf Coast Aquifer System | Galveston County	284	292	298	301	304	306
Galveston County WCID 12	G	BRA System Operations Permit Supply	610	563	514	467	419	371
Galveston County WCID 12	G	Brazos River Authority Main Stem Lake/Reservoir System	353	397	427	454	480	504
Galveston County WCID 12	H	Brazos Run-of-River	1,871	1,860	1,850	1,839	1,828	1,818
Galveston County WCID 12	H	Gulf Coast Aquifer System | Galveston County	37	37	37	37	37	37
Galveston County WCID 8	G	BRA System Operations Permit Supply	328	302	276	250	225	199
Galveston County WCID 8	G	Brazos River Authority Main Stem Lake/Reservoir System	189	213	230	244	257	271
Galveston County WCID 8	H	Brazos Run-of-River	1,007	1,000	995	989	984	977

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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)					
			2030	2040	2050	2060	2070	2080
Galveston County WCID 8	H	Direct Reuse	161	161	161	161	161	161
Galveston County WCID 8	H	Gulf Coast Aquifer System | Galveston County	34	34	34	34	34	34
Hitchcock	G	BRA System Operations Permit Supply	395	364	334	303	271	240
Hitchcock	G	Brazos River Authority Main Stem Lake/Reservoir System	228	257	276	294	311	326
Hitchcock	H	Brazos Run-of-River	1,213	1,206	1,199	1,191	1,185	1,178
Hitchcock	H	Gulf Coast Aquifer System | Galveston County	50	50	50	50	50	50
Jamaica Beach	H	Brazos Run-of-River	315	315	315	315	315	315
La Marque	G	BRA System Operations Permit Supply	796	734	672	609	546	484
La Marque	G	Brazos River Authority Main Stem Lake/Reservoir System	460	518	557	593	626	658
La Marque	H	Brazos Run-of-River	2,441	2,427	2,413	2,399	2,386	2,371
La Marque	H	Gulf Coast Aquifer System | Galveston County	189	189	189	189	189	189
League City	G	BRA System Operations Permit Supply	1,074	990	906	822	738	653
League City	G	Brazos River Authority Main Stem Lake/Reservoir System	633	713	767	816	863	905
League City	H	Brazos Run-of-River	4,482	4,462	4,442	4,424	4,404	4,385
League City	H	Direct Reuse	768	769	769	769	769	769
League City	H	Gulf Coast Aquifer System | Galveston County	585	598	604	605	606	607
League City	H	Livingston-Wallisville Lake/Reservoir System	17,997	17,990	17,997	17,999	17,999	18,000
San Leon MUD	G	BRA System Operations Permit Supply	353	326	297	271	242	215
San Leon MUD	G	Brazos River Authority Main Stem Lake/Reservoir System	203	230	247	262	278	291
San Leon MUD	H	Brazos Run-of-River	1,083	1,075	1,070	1,064	1,057	1,051
San Leon MUD	H	Gulf Coast Aquifer System | Galveston County	1	1	1	1	1	1

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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)					
			2030	2040	2050	2060	2070	2080
Texas City	G	BRA System Operations Permit Supply	2,275	2,096	1,918	1,739	1,561	1,383
Texas City	G	Brazos River Authority Main Stem Lake/Reservoir System	1,313	1,479	1,591	1,694	1,789	1,878
Texas City	H	Brazos Run-of-River	6,367	6,328	6,287	6,247	6,207	6,167
Texas City	H	Gulf Coast Aquifer System | Galveston County	766	795	818	833	843	852
County-Other	H	Brazos Run-of-River	14	14	14	14	14	14
County-Other	H	Gulf Coast Aquifer System | Galveston County	332	351	364	375	380	383
Manufacturing	G	BRA System Operations Permit Supply	10,587	12,606	14,025	12,719	11,414	10,109
Manufacturing	G	Brazos River Authority Main Stem Lake/Reservoir System	13,700	11,342	9,269	9,869	10,428	10,942
Manufacturing	H	Brazos Run-of-River	41,352	41,120	40,887	40,655	40,420	40,188
Manufacturing	H	Gulf Coast Aquifer System | Galveston County	301	301	301	301	301	301
Steam Electric Power	G	BRA System Operations Permit Supply	2,687	2,687	2,687	2,687	2,687	2,687
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
Harris County WUG Total			**1,232,988**	**1,142,926**	**1,149,013**	**1,151,424**	**1,153,528**	**1,155,346**
Harris County / San Jacinto Basin WUG Total			**993,701**	**902,903**	**908,550**	**911,143**	**913,457**	**915,561**
Baker Road MUD	H	Gulf Coast Aquifer System | Harris County	247	199	199	199	202	205
Baytown	H	Gulf Coast Aquifer System | Harris County	1,272	1,335	1,377	1,390	1,395	1,382
Baytown	H	Livingston-Wallisville Lake/Reservoir System	10,634	10,533	10,386	10,209	9,999	9,760
Bellaire	H	Gulf Coast Aquifer System | Harris County	773	786	787	788	776	768
Bellaire	H	Livingston-Wallisville Lake/Reservoir System	3,092	3,144	3,148	3,152	3,106	3,073

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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)					
			2030	2040	2050	2060	2070	2080
Blue Bell Manor Utility	H	Gulf Coast Aquifer System | Harris County	426	341	344	345	343	343
Bunker Hill Village	H	Gulf Coast Aquifer System | Harris County	353	350	350	350	351	350
Bunker Hill Village	H	Livingston-Wallisville Lake/Reservoir System	1,313	1,399	1,400	1,400	1,405	1,399
Central Harris County Regional Water Authority	H	Gulf Coast Aquifer System | Harris County	2,138	1,076	1,089	1,097	1,125	1,145
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	69	69	69	69	69	69
Chimney Hill MUD	H	Gulf Coast Aquifer System | Harris County	214	106	106	106	106	106
Chimney Hill MUD	H	Livingston-Wallisville Lake/Reservoir System	320	424	424	424	424	425
Country Terrace Water	H	Gulf Coast Aquifer System | Harris County	33	33	33	33	33	33
Country Terrace Water	H	Livingston-Wallisville Lake/Reservoir System	168	168	168	168	168	168
Crosby MUD	H	Gulf Coast Aquifer System | Harris County	285	266	268	278	297	298
Crosby MUD	H	San Jacinto Run-of-River	975	975	975	975	975	975
Deer Park	H	Gulf Coast Aquifer System | Harris County	136	138	139	139	140	140
Deer Park	H	Livingston-Wallisville Lake/Reservoir System	1,235	1,241	1,249	1,253	1,258	1,253
Douglas Utility	H	Gulf Coast Aquifer System | Harris County	285	228	229	230	229	229
El Dorado UD	H	Gulf Coast Aquifer System | Harris County	419	337	344	346	348	349
Forest Hills MUD	H	Direct Reuse	34	34	34	34	34	34
Forest Hills MUD	H	Gulf Coast Aquifer System | Harris County	263	210	210	210	125	209
Fort Bend County WCID 2	H	Brazos Run-of-River	109	101	97	94	91	90
Fort Bend County WCID 2	H	Gulf Coast Aquifer System | Harris County	128	65	65	65	65	67
Galena Park	H	Gulf Coast Aquifer System | Harris County	89	88	91	92	94	90

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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)					
			2030	2040	2050	2060	2070	2080
Galena Park	H	Livingston-Wallisville Lake/Reservoir System	880	880	880	880	880	880
Green Trails MUD	H	Gulf Coast Aquifer System | Harris County	594	477	477	477	480	483
Greenwood UD	H	Gulf Coast Aquifer System | Harris County	145	145	145	145	144	144
Greenwood UD	H	Livingston-Wallisville Lake/Reservoir System	578	579	579	579	574	575
Harris County FWSD 1-A	H	Gulf Coast Aquifer System | Harris County	45	45	45	45	45	44
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	30	36	38	39	45	43
Harris County FWSD 27	H	Livingston-Wallisville Lake/Reservoir System	235	235	235	235	235	235
Harris County FWSD 58	H	Gulf Coast Aquifer System | Harris County	336	269	269	269	269	269
Harris County MUD 106	H	Gulf Coast Aquifer System | Harris County	614	621	643	654	679	688
Harris County MUD 11	H	Direct Reuse	45	45	45	45	45	45
Harris County MUD 11	H	Gulf Coast Aquifer System | Harris County	372	297	297	297	296	296
Harris County MUD 119	H	Gulf Coast Aquifer System | Harris County	784	630	630	630	629	629
Harris County MUD 122	H	Brazos Run-of-River	133	133	133	133	133	133
Harris County MUD 122	H	Gulf Coast Aquifer System | Harris County	41	27	27	27	28	29
Harris County MUD 132	H	Gulf Coast Aquifer System | Harris County	1,906	1,951	2,016	2,041	2,101	2,132
Harris County MUD 148	H	Gulf Coast Aquifer System | Harris County	119	121	133	139	139	139
Harris County MUD 148	H	Houston Lake/Reservoir	475	484	532	555	556	558
Harris County MUD 151	H	Gulf Coast Aquifer System | Harris County	1,107	1,121	1,144	1,157	1,206	1,216
Harris County MUD 152	H	Gulf Coast Aquifer System | Harris County	1,012	1,024	1,059	1,072	1,109	1,122
Harris County MUD 153	H	Gulf Coast Aquifer System | Harris County	1,491	1,197	1,206	1,209	1,219	1,223

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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)					
			2030	2040	2050	2060	2070	2080
Harris County MUD 154	H	Gulf Coast Aquifer System | Harris County	1,293	1,036	1,043	1,045	1,052	1,055
Harris County MUD 180	H	Gulf Coast Aquifer System | Harris County	524	531	534	536	546	560
Harris County MUD 189	H	Gulf Coast Aquifer System | Harris County	562	453	454	455	460	465
Harris County MUD 216	H	Gulf Coast Aquifer System | Harris County	498	400	400	400	400	401
Harris County MUD 221	H	Gulf Coast Aquifer System | Harris County	532	426	428	429	431	432
Harris County MUD 23	H	Gulf Coast Aquifer System | Harris County	161	80	80	80	80	79
Harris County MUD 23	H	Livingston-Wallisville Lake/Reservoir System	242	322	322	322	319	318
Harris County MUD 261	H	Gulf Coast Aquifer System | Harris County	113	59	60	61	61	61
Harris County MUD 278	H	Direct Reuse	9	9	9	9	9	9
Harris County MUD 278	H	Gulf Coast Aquifer System | Harris County	939	752	765	769	772	773
Harris County MUD 278	H	Houston Lake/Reservoir	836	836	836	836	836	836
Harris County MUD 290	H	Gulf Coast Aquifer System | Harris County	1,150	1,173	1,242	1,271	1,312	1,327
Harris County MUD 321	H	Gulf Coast Aquifer System | Harris County	102	56	57	58	57	57
Harris County MUD 321	H	Houston Lake/Reservoir	152	222	228	230	228	227
Harris County MUD 342	H	Gulf Coast Aquifer System | Harris County	735	589	621	635	636	639
Harris County MUD 344	H	Gulf Coast Aquifer System | Harris County	1,101	929	929	929	929	929
Harris County MUD 344	H	Houston Lake/Reservoir	638	638	638	638	638	638
Harris County MUD 345	H	Gulf Coast Aquifer System | Harris County	939	752	753	754	762	763
Harris County MUD 36	H	Gulf Coast Aquifer System | Harris County	606	491	536	556	557	563
Harris County MUD 361	H	Gulf Coast Aquifer System | Harris County	639	526	533	536	539	540
Harris County MUD 372	H	Gulf Coast Aquifer System | Harris County	307	162	162	162	167	172

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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)					
			2030	2040	2050	2060	2070	2080
Harris County MUD 372	H	Livingston-Wallisville Lake/Reservoir System	627	648	647	648	666	688
Harris County MUD 400	H	Gulf Coast Aquifer System | Harris County	1,511	1,212	1,230	1,237	1,248	1,251
Harris County MUD 400	H	Houston Lake/Reservoir	1,050	1,050	1,050	1,050	1,050	1,050
Harris County MUD 412	H	Gulf Coast Aquifer System | Harris County	1,304	1,047	1,072	1,083	1,086	1,090
Harris County MUD 412	H	Houston Lake/Reservoir	365	367	366	365	364	362
Harris County MUD 420	H	Gulf Coast Aquifer System | Harris County	29	29	30	30	30	30
Harris County MUD 420	H	Livingston-Wallisville Lake/Reservoir System	116	114	122	122	118	118
Harris County MUD 46	H	Gulf Coast Aquifer System | Harris County	657	654	656	658	658	658
Harris County MUD 49	H	Gulf Coast Aquifer System | Harris County	827	664	674	678	679	679
Harris County MUD 49	H	Houston Lake/Reservoir	366	366	366	366	366	366
Harris County MUD 494	H	Gulf Coast Aquifer System | Harris County	381	306	312	314	317	318
Harris County MUD 5	H	Gulf Coast Aquifer System | Harris County	202	102	103	104	106	110
Harris County MUD 5	H	Houston Lake/Reservoir	304	407	411	415	425	438
Harris County MUD 50	H	Gulf Coast Aquifer System | Harris County	88	90	93	95	99	102
Harris County MUD 504	H	Houston Lake/Reservoir	426	424	425	426	427	429
Harris County MUD 58	H	Gulf Coast Aquifer System | Harris County	262	209	209	209	209	209
Harris County MUD 6	H	Gulf Coast Aquifer System | Harris County	163	82	82	82	81	81
Harris County MUD 6	H	Livingston-Wallisville Lake/Reservoir System	264	264	264	264	264	264
Harris County MUD 8	H	Gulf Coast Aquifer System | Harris County	103	105	111	113	112	112
Harris County MUD 8	H	Livingston-Wallisville Lake/Reservoir System	530	530	530	530	530	530
Harris County MUD 96	H	Gulf Coast Aquifer System | Harris County	279	139	149	152	153	155

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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)					
			2030	2040	2050	2060	2070	2080
Harris County MUD 96	H	Houston Lake/Reservoir	418	555	594	610	614	618
Harris County UD 14	H	Gulf Coast Aquifer System | Harris County	210	168	169	169	169	169
Harris County UD 15	H	Gulf Coast Aquifer System | Harris County	528	423	423	423	425	427
Harris County WCID 1	H	Gulf Coast Aquifer System | Harris County	131	133	138	140	148	149
Harris County WCID 1	H	Livingston-Wallisville Lake/Reservoir System	952	952	952	952	952	952
Harris County WCID 133	H	Gulf Coast Aquifer System | Harris County	741	596	596	596	595	595
Harris County WCID 70	H	Gulf Coast Aquifer System | Harris County	229	183	183	183	183	183
Harris County WCID 74	H	Gulf Coast Aquifer System | Harris County	671	538	542	543	541	541
Harris County WCID 96	H	Direct Reuse	83	83	83	83	83	83
Harris County WCID 96	H	Gulf Coast Aquifer System | Harris County	598	304	345	358	351	352
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	52	53	53	53	52	52
Harris County WCID-Fondren Road	H	Livingston-Wallisville Lake/Reservoir System	308	308	308	308	308	308
Hilshire Village	H	Gulf Coast Aquifer System | Harris County	83	41	41	42	41	41
Hilshire Village	H	Livingston-Wallisville Lake/Reservoir System	125	166	166	166	165	164
HMW SUD	H	Gulf Coast Aquifer System | Harris County	304	243	244	244	246	248
Houston	H	Gulf Coast Aquifer System | Harris County	64,699	28,592	29,418	29,814	30,092	30,419
Houston	H	Houston Lake/Reservoir	87,358	85,055	83,502	82,298	81,257	80,290
Houston	H	Livingston-Wallisville Lake/Reservoir System	220,589	222,529	223,889	224,856	225,652	226,437
Houston	H	San Jacinto Indirect Reuse	4,862	4,937	5,027	5,147	5,147	5,147
Houston	H	San Jacinto Run-of-River	5,736	5,736	5,736	5,736	5,736	5,736
Humble	H	Gulf Coast Aquifer System | Harris County	1,876	968	1,107	1,172	1,210	1,229

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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)					
			2030	2040	2050	2060	2070	2080
Humble	H	Houston Lake/Reservoir	2,814	3,873	4,429	4,688	4,841	4,915
Jacinto City	H	Gulf Coast Aquifer System | Harris County	133	133	138	139	142	134
Jacinto City	H	Livingston-Wallisville Lake/Reservoir System	909	909	909	909	909	909
Jersey Village	H	Gulf Coast Aquifer System | Harris County	717	370	373	376	386	400
Jersey Village	H	Livingston-Wallisville Lake/Reservoir System	1,076	1,479	1,494	1,502	1,545	1,599
Katy	H	Gulf Coast Aquifer System | Harris County	2,926	2,976	2,997	3,017	3,086	3,169
Kings Manor MUD	H	Gulf Coast Aquifer System | Harris County	15	7	7	7	7	7
Kings Manor MUD	H	Gulf Coast Aquifer System | Montgomery County	103	86	74	67	64	60
La Porte	H	Direct Reuse	54	54	54	54	54	54
La Porte	H	Gulf Coast Aquifer System | Harris County	34	35	36	36	37	37
La Porte	H	Livingston-Wallisville Lake/Reservoir System	456	457	457	457	456	457
Lake MUD	H	Gulf Coast Aquifer System | Harris County	131	133	135	137	144	146
Lake MUD	H	Livingston-Wallisville Lake/Reservoir System	904	904	906	905	905	905
Longhorn Town UD	H	Gulf Coast Aquifer System | Harris County	423	339	338	338	338	340
Luce Bayou PUD	H	Gulf Coast Aquifer System | Harris County	80	79	79	79	79	79
Mason Creek UD	H	Gulf Coast Aquifer System | Harris County	1,400	1,123	1,123	1,123	1,129	1,134
Meadows Place	H	Direct Reuse	1	1	1	1	1	1
Memorial Villages Water Authority	H	Gulf Coast Aquifer System | Harris County	1,220	1,231	1,330	1,371	1,351	1,351
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	0	1	1	1	1	1
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	760	610	611	611	610	609

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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)					
			2030	2040	2050	2060	2070	2080
Newport MUD	H	Gulf Coast Aquifer System | Harris County	516	308	331	343	358	358
Newport MUD	H	San Jacinto Run-of-River	2,072	2,072	2,072	2,072	2,072	2,072
Nitsch and Son Utility	H	Gulf Coast Aquifer System | Harris County	226	181	181	181	181	181
North Belt UD	H	Gulf Coast Aquifer System | Harris County	781	625	650	661	662	665
North Channel Water Authority	H	Gulf Coast Aquifer System | Harris County	2,526	2,598	2,739	2,816	2,820	2,842
North Channel Water Authority	H	Livingston-Wallisville Lake/Reservoir System	8,387	8,742	9,397	9,741	9,765	9,858
North Forest MUD	H	Gulf Coast Aquifer System | Harris County	201	161	161	161	161	163
North Fort Bend Water Authority	H	Direct Reuse	59	54	50	47	46	46
North Fort Bend Water Authority	H	Gulf Coast Aquifer System | Harris County	826	421	423	424	439	456
North Green MUD	H	Direct Reuse	45	45	45	45	45	45
North Green MUD	H	Gulf Coast Aquifer System | Harris County	536	431	434	436	438	439
North Harris County Regional Water Authority	H	Direct Reuse	1,177	1,177	1,177	1,177	1,177	1,177
North Harris County Regional Water Authority	H	Gulf Coast Aquifer System | Harris County	52,991	25,640	26,466	26,868	27,841	28,486
North Harris County Regional Water Authority	H	Houston Lake/Reservoir	34,720	34,720	34,720	34,720	34,720	34,720
North Harris County Regional Water Authority	H	Livingston-Wallisville Lake/Reservoir System	493	493	493	493	493	493
Northeast Harris County MUD 1	H	Gulf Coast Aquifer System | Harris County	26	26	26	26	26	28
Northwest Harris County MUD 16	H	Gulf Coast Aquifer System | Harris County	479	385	386	387	390	393
Parkway MUD	H	Gulf Coast Aquifer System | Harris County	107	109	109	109	108	108
Parkway MUD	H	Livingston-Wallisville Lake/Reservoir System	430	435	436	436	433	433
Pasadena	H	Gulf Coast Aquifer System | Harris County	2,922	2,940	2,961	2,970	2,969	2,963

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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)					
			2030	2040	2050	2060	2070	2080
Pasadena	H	Livingston-Wallisville Lake/Reservoir System	7,562	7,581	7,602	7,610	7,609	7,603
Pine Village PUD	H	Gulf Coast Aquifer System | Harris County	281	227	227	229	228	228
Pine Village PUD	H	Houston Lake/Reservoir	367	367	367	367	367	367
Pinewood Community	H	Gulf Coast Aquifer System | Harris County	84	67	68	68	69	69
Quadvest*	H	Gulf Coast Aquifer System | Harris County	31	25	26	27	27	27
Rolling Fork PUD	H	Gulf Coast Aquifer System | Harris County	162	83	86	87	86	86
Rolling Fork PUD	H	Livingston-Wallisville Lake/Reservoir System	205	205	205	205	205	205
Sequoia Improvement District	H	Gulf Coast Aquifer System | Harris County	138	111	111	111	110	110
South Houston	H	Direct Reuse	54	54	54	54	54	54
South Houston	H	Gulf Coast Aquifer System | Harris County	366	371	373	374	375	375
South Houston	H	Livingston-Wallisville Lake/Reservoir System	4,137	4,137	4,137	4,137	4,137	4,137
Southern Water	H	Gulf Coast Aquifer System | Harris County	493	395	400	402	400	400
Southside Place	H	Gulf Coast Aquifer System | Harris County	56	57	57	57	55	54
Southside Place	H	Livingston-Wallisville Lake/Reservoir System	223	226	226	226	222	218
Southwest Harris County MUD 1	H	Gulf Coast Aquifer System | Harris County	24	24	24	24	24	24
Southwest Harris County MUD 1	H	Livingston-Wallisville Lake/Reservoir System	146	146	146	146	146	146
Spring Meadows MUD	H	Gulf Coast Aquifer System | Harris County	37	45	45	45	45	45
Spring Meadows MUD	H	Livingston-Wallisville Lake/Reservoir System	147	177	179	179	179	179
Spring Valley	H	Gulf Coast Aquifer System | Harris County	1,154	929	929	929	928	927
Spring Valley	H	Livingston-Wallisville Lake/Reservoir System	504	504	504	504	504	504
Suburban Utility	H	Gulf Coast Aquifer System | Harris County	562	543	575	583	586	587

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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)					
			2030	2040	2050	2060	2070	2080
Sunbelt FWSD	H	Gulf Coast Aquifer System | Harris County	2,666	2,141	2,149	2,157	2,151	2,151
Sunbelt FWSD	H	Livingston-Wallisville Lake/Reservoir System	1,505	1,505	1,505	1,505	1,505	1,505
The Commons Water Supply	H	Gulf Coast Aquifer System | Harris County	520	416	416	416	416	416
Tomball	H	Gulf Coast Aquifer System | Harris County	4,119	3,361	3,486	3,542	3,612	3,639
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	1,162	1,172	1,207	1,225	1,264	1,273
Waller	H	Gulf Coast Aquifer System | Harris County	72	46	45	45	45	45
West Harris County MUD 6	H	Gulf Coast Aquifer System | Harris County	367	294	294	294	294	295
West Harris County Regional Water Authority	H	Direct Reuse	1,469	1,469	1,469	1,469	1,469	1,469
West Harris County Regional Water Authority	H	Gulf Coast Aquifer System | Harris County	22,512	6,046	5,954	5,915	6,063	6,306
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	586	594	595	594	577	568
West University Place	H	Livingston-Wallisville Lake/Reservoir System	1,492	1,525	1,528	1,524	1,460	1,421
Westfield Garden Park	H	Gulf Coast Aquifer System | Harris County	35	18	18	18	18	18
Windfern Forest Utility District	H	Gulf Coast Aquifer System | Harris County	329	164	167	169	167	167
Woodcreek MUD	H	Gulf Coast Aquifer System | Harris County	506	405	405	405	405	405
County-Other	H	Gulf Coast Aquifer System | Harris County	13,121	10,070	10,655	10,965	11,122	11,226
County-Other	H	Houston Lake/Reservoir	4,136	4,136	4,136	4,136	4,136	4,136
County-Other	H	Livingston-Wallisville Lake/Reservoir System	4,948	4,948	4,948	4,948	4,948	4,948

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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)					
			2030	2040	2050	2060	2070	2080
Manufacturing	H	Direct Reuse	6,844	6,844	6,844	6,844	6,844	6,844
Manufacturing	H	Gulf Coast Aquifer System | Harris County	19,808	20,840	21,979	22,557	23,156	23,777
Manufacturing	H	Houston Lake/Reservoir	34,748	34,748	34,748	34,748	34,748	34,748
Manufacturing	H	Livingston-Wallisville Lake/Reservoir System	194,207	194,207	194,207	194,207	194,207	194,207
Manufacturing	H	San Jacinto Run-of-River	344	344	344	344	344	344
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	300	303	306	309	312	315
Steam Electric Power	H	Gulf Coast Aquifer System | Harris County	2,644	2,644	2,644	2,644	2,644	2,644
Steam Electric Power	H	Houston Lake/Reservoir	1,239	1,239	1,239	1,239	1,239	1,239
Steam Electric Power	H	Livingston-Wallisville Lake/Reservoir System	7,864	7,864	7,864	7,864	7,864	7,864
Livestock	H	Gulf Coast Aquifer System | Harris County	332	166	166	166	166	166
Irrigation	H	Gulf Coast Aquifer System | Harris County	8,647	8,647	8,647	8,647	8,647	8,647
Irrigation	H	San Jacinto Run-of-River	2,112	2,112	2,112	2,112	2,112	2,112
Irrigation	H	San Jacinto-Brazos Run-of-River	311	311	311	311	311	311
Harris County / San Jacinto-Brazos Basin WUG Total			**160,968**	**161,379**	**161,785**	**161,953**	**162,216**	**162,484**
Baybrook MUD 1	H	Gulf Coast Aquifer System | Harris County	34	34	34	34	34	34
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	398	397	396	394	398	400
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	1,157	1,176	1,190	1,198	1,204	1,190
Clear Lake City Water Authority	H	Livingston-Wallisville Lake/Reservoir System	22,280	22,280	22,280	22,280	22,280	22,280
Deer Park	H	Gulf Coast Aquifer System | Harris County	401	402	405	406	407	406

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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)					
			2030	2040	2050	2060	2070	2080
Deer Park	H	Livingston-Wallisville Lake/Reservoir System	3,599	3,615	3,640	3,651	3,666	3,651
Friendswood	H	Gulf Coast Aquifer System | Harris County	325	331	330	327	331	336
Friendswood	H	Livingston-Wallisville Lake/Reservoir System	3,374	3,322	3,243	3,178	3,177	3,188
Harris County MUD 55	H	Gulf Coast Aquifer System | Harris County	244	245	244	241	243	245
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	18	18	18	18	18	18
Harris County WCID 156	H	Livingston-Wallisville Lake/Reservoir System	210	210	210	210	210	210
Harris County WCID 161	H	Gulf Coast Aquifer System | Harris County	19	19	19	19	18	18
Harris County WCID 161	H	Livingston-Wallisville Lake/Reservoir System	414	414	414	414	414	414
Harris County WCID 50	H	Gulf Coast Aquifer System | Harris County	39	39	39	39	38	38
Harris County WCID 50	H	Livingston-Wallisville Lake/Reservoir System	347	346	346	346	345	344
Harris County WCID 89	H	Direct Reuse	9	9	9	9	9	9
Harris County WCID 89	H	Gulf Coast Aquifer System | Harris County	158	159	159	159	157	157
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	2,843	2,852	2,867	2,870	2,870	2,869
Houston	H	Livingston-Wallisville Lake/Reservoir System	9,719	9,804	9,865	9,907	9,942	9,977
Kirkmont MUD	H	Gulf Coast Aquifer System | Harris County	78	80	79	78	79	79
Kirkmont MUD	H	Livingston-Wallisville Lake/Reservoir System	314	319	317	314	315	316
La Porte	H	Direct Reuse	719	719	719	719	719	719
La Porte	H	Gulf Coast Aquifer System | Harris County	447	477	481	483	467	480
La Porte	H	Livingston-Wallisville Lake/Reservoir System	6,081	6,080	6,080	6,080	6,081	6,080

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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)					
			2030	2040	2050	2060	2070	2080
League City	G	BRA System Operations Permit Supply	22	20	18	16	14	13
League City	H	Direct Reuse	16	15	15	15	15	15
League City	H	Gulf Coast Aquifer System | Harris County	32	32	32	32	33	34
League City	H	Livingston-Wallisville Lake/Reservoir System	483	490	483	481	481	480
Morgans Point	H	Gulf Coast Aquifer System | Harris County	15	15	15	15	15	14
Morgans Point	H	Livingston-Wallisville Lake/Reservoir System	516	516	516	516	516	516
Nassau Bay	H	Gulf Coast Aquifer System | Harris County	139	140	141	141	142	141
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	541	546	551	552	554	553
Pasadena	H	Livingston-Wallisville Lake/Reservoir System	6,093	6,074	6,053	6,045	6,046	6,052
Pearland	H	Gulf Coast Aquifer System | Harris County	272	279	283	286	290	295
Pearland	H	Livingston-Wallisville Lake/Reservoir System	1,140	1,055	1,028	1,003	991	992
Sagemeadow UD	H	Gulf Coast Aquifer System | Harris County	160	161	160	159	161	164
Sagemeadow UD	H	Livingston-Wallisville Lake/Reservoir System	875	870	872	875	874	873
Seabrook	H	Gulf Coast Aquifer System | Harris County	195	197	200	201	201	200
Seabrook	H	Livingston-Wallisville Lake/Reservoir System	2,283	2,283	2,283	2,283	2,283	2,283
Shoreacres	H	Gulf Coast Aquifer System | Harris County	33	33	34	34	34	34
Shoreacres	H	Livingston-Wallisville Lake/Reservoir System	364	364	364	364	364	364
Webster	H	Gulf Coast Aquifer System | Harris County	284	292	294	294	295	294
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	144	145	145	145	148	149

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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)					
			2030	2040	2050	2060	2070	2080
Manufacturing	H	Direct Reuse	303	303	303	303	303	303
Manufacturing	H	Gulf Coast Aquifer System | Harris County	6,985	7,356	7,765	7,973	8,188	8,411
Manufacturing	H	Livingston-Wallisville Lake/Reservoir System	68,184	68,184	68,184	68,184	68,184	68,184
Mining	H	Gulf Coast Aquifer System | Harris County	1	1	1	1	1	1
Steam Electric Power	H	Gulf Coast Aquifer System | Harris County	16	16	16	16	16	16
Livestock	H	Gulf Coast Aquifer System | Harris County	6	6	6	6	6	6
Harris County / Trinity-San Jacinto Basin WUG Total			**78,319**	**78,644**	**78,678**	**78,328**	**77,855**	**77,301**
Baytown	H	Gulf Coast Aquifer System | Harris County	648	909	1,004	1,032	978	934
Baytown	H	Livingston-Wallisville Lake/Reservoir System	7,628	7,556	7,450	7,324	7,172	7,002
Lake MUD	H	Gulf Coast Aquifer System | Harris County	6	8	8	8	8	8
Lake MUD	H	Livingston-Wallisville Lake/Reservoir System	54	54	52	53	53	53
Spring Meadows MUD	H	Gulf Coast Aquifer System | Harris County	33	40	40	40	40	40
Spring Meadows MUD	H	Livingston-Wallisville Lake/Reservoir System	133	159	161	161	161	161
County-Other	H	Gulf Coast Aquifer System | Harris County	683	921	999	1,091	1,145	1,130
County-Other	H	Livingston-Wallisville Lake/Reservoir System	826	826	826	826	826	826
Manufacturing	H	Direct Reuse	3,172	3,172	3,172	3,172	3,172	3,172
Manufacturing	H	Gulf Coast Aquifer System | Harris County	10,961	11,543	12,185	12,510	12,848	13,198
Manufacturing	H	Houston Lake/Reservoir	7,250	6,325	5,425	4,525	3,650	2,775
Manufacturing	H	Livingston-Wallisville Lake/Reservoir System	1,476	1,476	1,476	1,476	1,476	1,476
Manufacturing	H	San Jacinto Indirect Reuse	9,978	10,184	10,409	10,639	10,855	11,055
Manufacturing	H	San Jacinto Run-of-River	678	678	678	678	678	678
Manufacturing	H	Trinity Run-of-River	31,546	31,546	31,546	31,546	31,546	31,546
Livestock	H	Gulf Coast Aquifer System | Harris County	33	33	33	33	33	33

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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)					
			2030	2040	2050	2060	2070	2080
Irrigation	H	Gulf Coast Aquifer System | Harris County	793	793	793	793	793	793
Irrigation	H	Trinity-San Jacinto Run-of-River	2,421	2,421	2,421	2,421	2,421	2,421
Leon County WUG Total			**6,399**	**6,291**	**6,204**	**6,141**	**6,073**	**6,014**
Leon County / Brazos Basin WUG Total			**1,571**	**1,585**	**1,615**	**1,626**	**1,639**	**1,664**
Concord-Robbins WSC	H	Carrizo-Wilcox Aquifer | Leon County	112	94	76	65	53	40
Concord-Robbins WSC	H	Queen City Aquifer | Leon County	74	63	51	43	35	27
High Prairie WSC	H	Sparta Aquifer | Madison County	5	9	14	16	17	20
Hilltop Lakes WSC	H	Carrizo-Wilcox Aquifer | Leon County	200	243	297	326	359	400
Hilltop Lakes WSC	H	Queen City Aquifer | Leon County	86	104	127	140	154	171
Jewett	H	Carrizo-Wilcox Aquifer | Leon County	15	11	8	6	4	3
Normangee	H	Carrizo-Wilcox Aquifer | Leon County	15	11	9	6	5	4
Southeast WSC	H	Carrizo-Wilcox Aquifer | Leon County	5	5	5	5	5	5
County-Other	H	Carrizo-Wilcox Aquifer | Leon County	52	44	34	28	21	13
County-Other	H	Queen City Aquifer | Leon County	35	29	22	19	14	9
Livestock	H	Carrizo-Wilcox Aquifer | Leon County	658	658	658	658	658	658
Livestock	H	Queen City Aquifer | Leon County	92	92	92	92	92	92
Livestock	H	Sparta Aquifer | Leon County	90	90	90	90	90	90
Irrigation	H	Carrizo-Wilcox Aquifer | Leon County	132	132	132	132	132	132
Leon County / Trinity Basin WUG Total			**4,828**	**4,706**	**4,589**	**4,515**	**4,434**	**4,350**
Buffalo	H	Carrizo-Wilcox Aquifer | Leon County	342	323	303	290	275	259
Centerville	H	Carrizo-Wilcox Aquifer | Leon County	158	156	153	151	148	145

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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)					
			2030	2040	2050	2060	2070	2080
Concord-Robbins WSC	H	Carrizo-Wilcox Aquifer | Leon County	32	28	22	19	16	11
Concord-Robbins WSC	H	Queen City Aquifer | Leon County	22	18	15	13	10	8
Flo Community WSC*	H	Carrizo-Wilcox Aquifer | Leon County	367	352	340	331	322	313
Flo Community WSC*	H	Sparta Aquifer | Leon County	10	10	9	9	9	9
Jewett	H	Carrizo-Wilcox Aquifer | Leon County	74	52	38	27	19	14
Normangee	H	Carrizo-Wilcox Aquifer | Leon County	46	34	25	19	13	10
Southeast WSC	H	Carrizo-Wilcox Aquifer | Leon County	264	260	257	255	253	250
County-Other	H	Carrizo-Wilcox Aquifer | Leon County	207	173	133	111	84	52
County-Other	H	Queen City Aquifer | Leon County	24	20	16	13	10	6
County-Other	H	Sparta Aquifer | Leon County	12	10	8	7	5	3
Manufacturing	H	Carrizo-Wilcox Aquifer | Leon County	882	882	882	882	882	882
Manufacturing	H	Direct Reuse	58	58	58	58	58	58
Mining	H	Carrizo-Wilcox Aquifer | Leon County	337	337	337	337	337	337
Livestock	H	Carrizo-Wilcox Aquifer | Leon County	1,189	1,189	1,189	1,189	1,189	1,189
Livestock	H	Queen City Aquifer | Leon County	425	425	425	425	425	425
Livestock	H	Sparta Aquifer | Leon County	11	11	11	11	11	11
Irrigation	H	Carrizo-Wilcox Aquifer | Leon County	212	212	212	212	212	212
Irrigation	H	Trinity Run-of-River	156	156	156	156	156	156
Liberty County WUG Total			**67,750**	**71,262**	**75,111**	**78,984**	**82,566**	**86,401**
Liberty County / Neches Basin WUG Total			**1,047**	**1,063**	**1,082**	**1,102**	**1,127**	**1,156**
Daisetta	H	Gulf Coast Aquifer System | Liberty County	104	103	103	103	103	103
Devers		No water supply associated with WUG	0	0	0	0	0	0

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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)					
			2030	2040	2050	2060	2070	2080
Hardin WSC	H	Gulf Coast Aquifer System | Liberty County	244	248	253	258	268	281
Liberty County FWSD 1 Hull	H	Gulf Coast Aquifer System | Liberty County	85	85	85	85	85	85
West Hardin WSC*	I	Gulf Coast Aquifer System | Hardin County	46	46	46	46	46	46
County-Other	H	Gulf Coast Aquifer System | Liberty County	17	23	30	37	44	52
Manufacturing	H	Gulf Coast Aquifer System | Liberty County	188	195	202	210	218	226
Livestock	H	Gulf Coast Aquifer System | Liberty County	57	57	57	57	57	57
Irrigation	H	Gulf Coast Aquifer System | Liberty County	145	145	145	145	145	145
Irrigation	H	Neches Run-of-River	161	161	161	161	161	161
Liberty County / Neches-Trinity Basin WUG Total			**28,317**	**28,319**	**28,321**	**28,323**	**28,326**	**28,328**
County-Other	H	Gulf Coast Aquifer System | Liberty County	5	7	9	11	14	16
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
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	1,508	1,508	1,508	1,508	1,508	1,508
Liberty County / San Jacinto Basin WUG Total			**6,177**	**7,402**	**8,779**	**10,012**	**11,123**	**12,307**
Cleveland	H	Gulf Coast Aquifer System | Liberty County	1,556	1,736	1,946	2,139	2,337	2,530
Mercy WSC	H	Gulf Coast Aquifer System | Liberty County	63	63	63	63	63	67
Quadvest*	H	Gulf Coast Aquifer System | Liberty County	1,132	1,132	1,132	1,132	1,132	1,132
South Cleveland WSC	H	Gulf Coast Aquifer System | Liberty County	625	958	1,285	1,402	1,402	1,402
Splendora	H	Gulf Coast Aquifer System | Montgomery County	128	123	97	84	77	80

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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)					
			2030	2040	2050	2060	2070	2080
T & W Water Service	H	Gulf Coast Aquifer System | Liberty County	53	69	85	100	113	127
Tarkington SUD	H	Gulf Coast Aquifer System | Liberty County	399	405	416	426	438	449
County-Other	H	Gulf Coast Aquifer System | Liberty County	2,041	2,736	3,575	4,486	5,381	6,340
Mining	H	Gulf Coast Aquifer System | Liberty County	14	14	14	14	14	14
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
Irrigation	H	San Jacinto Run-of-River	9	9	9	9	9	9
Liberty County / Trinity Basin WUG Total			**28,493**	**30,360**	**32,336**	**34,441**	**36,387**	**38,472**
Ames Minglewood WSC	H	Gulf Coast Aquifer System | Liberty County	142	141	141	141	149	156
Dayton	H	Gulf Coast Aquifer System | Liberty County	2,666	3,320	3,821	4,338	4,720	5,138
Devers	H	Gulf Coast Aquifer System | Liberty County	118	117	117	117	118	118
Hardin WSC	H	Gulf Coast Aquifer System | Liberty County	280	284	290	297	308	322
Lake Livingston WSC*	H	Gulf Coast Aquifer System | Liberty County	65	65	65	65	65	65
Lake Livingston WSC*	H	Livingston-Wallisville Lake/Reservoir System	64	60	58	56	54	52
Liberty	H	Gulf Coast Aquifer System | Liberty County	1,529	1,549	1,579	1,615	1,633	1,647
Raywood WSC	H	Gulf Coast Aquifer System | Liberty County	115	114	114	117	127	140
T & W Water Service	H	Gulf Coast Aquifer System | Liberty County	200	262	325	378	429	483
Tarkington SUD	H	Gulf Coast Aquifer System | Liberty County	166	168	173	177	183	187
Woodcreek Water Of Liberty	H	Gulf Coast Aquifer System | Liberty County	8	8	11	13	14	14
County-Other	H	Gulf Coast Aquifer System | Liberty County	3,325	4,455	5,823	7,306	8,764	10,325
Manufacturing	H	Gulf Coast Aquifer System | Liberty County	51	53	55	57	59	61

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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)					
			2030	2040	2050	2060	2070	2080
Mining	H	Gulf Coast Aquifer System | Liberty County	94	94	94	94	94	94
Livestock	H	Gulf Coast Aquifer System | Liberty County	267	267	267	267	267	267
Irrigation	H	Gulf Coast Aquifer System | Liberty County	343	343	343	343	343	343
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	15,174	15,174	15,174	15,174	15,174	15,174
Liberty County / Trinity-San Jacinto Basin WUG Total			**3,716**	**4,118**	**4,593**	**5,106**	**5,603**	**6,138**
Dayton	H	Gulf Coast Aquifer System | Liberty County	123	153	176	200	217	236
County-Other	H	Gulf Coast Aquifer System | Liberty County	1,097	1,469	1,921	2,410	2,890	3,406
Livestock	H	Gulf Coast Aquifer System | Liberty County	20	20	20	20	20	20
Irrigation	H	Gulf Coast Aquifer System | Liberty County	571	571	571	571	571	571
Irrigation	H	Trinity-San Jacinto Run-of-River	1,905	1,905	1,905	1,905	1,905	1,905
Madison County WUG Total			**3,059**	**3,397**	**3,569**	**3,591**	**3,611**	**3,631**
Madison County / Brazos Basin WUG Total			**135**	**152**	**164**	**168**	**170**	**172**
High Prairie WSC	H	Sparta Aquifer | Madison County	14	16	17	17	17	17
North Zulch MUD	H	Sparta Aquifer | Madison County	67	79	90	91	91	91
County-Other	H	Yegua-Jackson Aquifer | Madison County	48	51	51	54	56	58
Mining		No water supply associated with WUG	0	0	0	0	0	0
Livestock	H	Yegua-Jackson Aquifer | Madison County	1	1	1	1	1	1
Irrigation	H	Yegua-Jackson Aquifer | Madison County	5	5	5	5	5	5
Madison County / Trinity Basin WUG Total			**2,924**	**3,245**	**3,405**	**3,423**	**3,441**	**3,459**
High Prairie WSC	H	Sparta Aquifer | Madison County	176	202	221	219	218	215

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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)					
			2030	2040	2050	2060	2070	2080
Madisonville	H	Sparta Aquifer | Madison County	701	814	865	863	861	860
Normangee	H	Carrizo-Wilcox Aquifer | Leon County	12	12	12	12	12	12
North Zulch MUD	H	Sparta Aquifer | Madison County	133	154	169	170	170	170
TDCJ Ferguson Unit	H	Sparta Aquifer | Madison County	804	937	998	998	998	998
TDCJ Ferguson Unit	H	Trinity Run-of-River	169	169	169	169	169	169
County-Other	H	Queen City Aquifer | Madison County	49	52	53	55	57	60
County-Other	H	Yegua-Jackson Aquifer | Madison County	438	463	476	495	514	533
Mining	H	Yegua-Jackson Aquifer | Madison County	265	265	265	265	265	265
Livestock	H	Yegua-Jackson Aquifer | Madison County	44	44	44	44	44	44
Irrigation	H	Yegua-Jackson Aquifer | Madison County	133	133	133	133	133	133
Montgomery County WUG Total			**135,683**	**136,697**	**138,384**	**139,972**	**140,677**	**141,369**
Montgomery County / San Jacinto Basin WUG Total			**135,683**	**136,697**	**138,384**	**139,972**	**140,677**	**141,369**
Blaketree MUD 1 of Montgomery County	H	Gulf Coast Aquifer System | Montgomery County	51	79	120	119	111	104
Chateau Woods MUD	H	Gulf Coast Aquifer System | Montgomery County	328	361	317	293	277	267
Conroe	H	Conroe Lake/Reservoir	5,141	5,141	5,141	5,141	5,141	5,141
Conroe	H	Gulf Coast Aquifer System | Montgomery County	5,285	6,566	8,604	10,305	10,813	11,318
Conroe	H	San Jacinto Indirect Reuse	3,220	4,264	5,964	7,604	8,432	9,267
Conroe Resort Utilities	H	Gulf Coast Aquifer System | Montgomery County	125	111	104	102	103	103
Corinthian Point MUD 2	H	Direct Reuse	13	13	13	13	13	13
Corinthian Point MUD 2	H	Gulf Coast Aquifer System | Montgomery County	168	174	194	195	197	198
Cut & Shoot	H	Gulf Coast Aquifer System | Montgomery County	415	440	389	307	258	214
Dobbin Plantersville WSC*	H	Gulf Coast Aquifer System | Montgomery County	686	944	1,135	1,234	1,246	1,177

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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)					
			2030	2040	2050	2060	2070	2080
Domestic Water	H	Gulf Coast Aquifer System | Montgomery County	121	101	90	89	90	86
East Montgomery County MUD 6	H	Gulf Coast Aquifer System | Montgomery County	266	233	228	252	270	248
East Plantation UD	H	Gulf Coast Aquifer System | Montgomery County	220	186	229	223	208	195
Far Hills UD	H	Gulf Coast Aquifer System | Montgomery County	301	349	370	379	387	389
G & W WSC*	H	Gulf Coast Aquifer System | Waller County	4	5	7	8	9	10
Grand Oaks MUD	H	Gulf Coast Aquifer System | Montgomery County	116	91	69	61	56	52
Harris-Montgomery Counties MUD 386	H	Conroe Lake/Reservoir	374	387	387	389	392	416
HMW SUD	H	Gulf Coast Aquifer System | Montgomery County	916	896	886	860	850	830
Houston	H	Gulf Coast Aquifer System | Montgomery County	1,256	1,099	1,010	957	939	911
Johnston Water Utility	H	Gulf Coast Aquifer System | Montgomery County	721	603	520	468	438	410
Keenan WSC	H	Gulf Coast Aquifer System | Montgomery County	105	121	145	148	149	149
Kings Manor MUD	H	Gulf Coast Aquifer System | Harris County	43	22	22	22	22	22
Kings Manor MUD	H	Gulf Coast Aquifer System | Montgomery County	292	249	221	205	196	190
Lake Bonanza WSC	H	Gulf Coast Aquifer System | Montgomery County	224	227	232	233	233	228
Lake Conroe Hills MUD	H	Gulf Coast Aquifer System | Montgomery County	186	182	163	152	147	142
Lazy River Improvement District	H	Direct Reuse	17	17	17	17	17	17
Lazy River Improvement District	H	Gulf Coast Aquifer System | Montgomery County	241	213	190	181	178	175
Magnolia	H	Gulf Coast Aquifer System | Montgomery County	671	596	523	473	443	416
Montgomery	H	Gulf Coast Aquifer System | Montgomery County	646	725	684	653	636	618
Montgomery County MUD 105	H	Gulf Coast Aquifer System | Montgomery County	199	176	160	151	148	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)					
			2030	2040	2050	2060	2070	2080
Montgomery County MUD 112	H	Gulf Coast Aquifer System | Montgomery County	833	738	678	614	587	695
Montgomery County MUD 115	H	Gulf Coast Aquifer System | Montgomery County	692	613	581	544	543	526
Montgomery County MUD 119	H	Gulf Coast Aquifer System | Montgomery County	1,386	1,267	1,139	1,071	1,042	1,015
Montgomery County MUD 126	H	Gulf Coast Aquifer System | Montgomery County	142	163	210	270	320	315
Montgomery County MUD 127	H	Gulf Coast Aquifer System | Montgomery County	242	211	194	178	176	169
Montgomery County MUD 137	H	Gulf Coast Aquifer System | Montgomery County	197	171	148	133	125	117
Montgomery County MUD 139	H	Gulf Coast Aquifer System | Montgomery County	667	556	479	432	404	378
Montgomery County MUD 15	H	Gulf Coast Aquifer System | Montgomery County	354	301	260	239	229	221
Montgomery County MUD 18	H	Gulf Coast Aquifer System | Montgomery County	2,027	2,015	1,976	1,960	1,963	1,967
Montgomery County MUD 19	H	Gulf Coast Aquifer System | Montgomery County	691	585	508	462	432	407
Montgomery County MUD 24	H	Gulf Coast Aquifer System | Montgomery County	158	254	281	306	329	355
Montgomery County MUD 56	H	Gulf Coast Aquifer System | Montgomery County	100	87	81	75	72	68
Montgomery County MUD 8	H	Gulf Coast Aquifer System | Montgomery County	1,227	1,176	1,139	1,122	1,121	1,119
Montgomery County MUD 83	H	Gulf Coast Aquifer System | Montgomery County	384	335	299	279	269	260
Montgomery County MUD 84	H	Gulf Coast Aquifer System | Montgomery County	867	948	995	1,042	1,095	1,151
Montgomery County MUD 88	H	Gulf Coast Aquifer System | Montgomery County	640	535	463	418	403	391
Montgomery County MUD 89	H	Gulf Coast Aquifer System | Montgomery County	906	774	688	641	622	604
Montgomery County MUD 9	H	Gulf Coast Aquifer System | Montgomery County	1,703	1,473	1,312	1,213	1,154	1,101
Montgomery County MUD 94	H	Gulf Coast Aquifer System | Montgomery County	770	693	618	578	559	541
Montgomery County MUD 95	H	Gulf Coast Aquifer System | Montgomery County	2,261	2,262	2,234	2,204	2,192	2,178
Montgomery County MUD 98	H	Gulf Coast Aquifer System | Montgomery County	265	265	265	265	265	265

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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)					
			2030	2040	2050	2060	2070	2080
Montgomery County MUD 99	H	Conroe Lake/Reservoir	473	473	473	473	473	473
Montgomery County MUD 99	H	Gulf Coast Aquifer System | Montgomery County	0	0	0	0	0	0
Montgomery County UD 2	H	Gulf Coast Aquifer System | Montgomery County	391	326	281	254	237	222
Montgomery County UD 3	H	Gulf Coast Aquifer System | Montgomery County	849	849	849	849	849	849
Montgomery County UD 4	H	Gulf Coast Aquifer System | Montgomery County	1,269	1,125	1,031	979	956	935
Montgomery County WCID 1	H	Gulf Coast Aquifer System | Montgomery County	442	410	363	329	314	300
MSEC Enterprises*	H	Conroe Lake/Reservoir	821	821	821	821	821	821
MSEC Enterprises*	H	Gulf Coast Aquifer System | Montgomery County	3,251	3,675	3,819	3,770	3,532	3,338
New Caney MUD	H	Gulf Coast Aquifer System | Montgomery County	1,772	1,828	1,791	1,786	1,805	1,753
North Harris County Regional Water Authority	H	Gulf Coast Aquifer System | Montgomery County	7	6	6	6	5	5
Oak Ridge North	H	Conroe Lake/Reservoir	184	184	184	184	184	184
Oak Ridge North	H	Gulf Coast Aquifer System | Montgomery County	356	377	353	369	342	320
Panorama Village	H	Direct Reuse	43	43	43	43	43	43
Panorama Village	H	Gulf Coast Aquifer System | Montgomery County	618	615	608	605	608	610
Patton Village	H	Gulf Coast Aquifer System | Montgomery County	66	64	68	79	76	73
Pinehurst Decker Prairie WSC	H	Gulf Coast Aquifer System | Montgomery County	143	149	153	165	167	164
Point Aquarius MUD	H	Gulf Coast Aquifer System | Montgomery County	552	644	699	726	733	740
Porter SUD	H	Gulf Coast Aquifer System | Montgomery County	2,249	1,876	1,444	1,130	901	672
Quadvest*	H	Gulf Coast Aquifer System | Montgomery County	4,988	5,217	5,199	5,054	4,936	4,897
Ranch Crest Water	H	Gulf Coast Aquifer System | Montgomery County	186	182	161	145	138	132
Rayford Road MUD	H	Conroe Lake/Reservoir	565	565	565	565	565	565
Rayford Road MUD	H	Gulf Coast Aquifer System | Montgomery County	1,140	982	879	812	791	773

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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)					
			2030	2040	2050	2060	2070	2080
River Plantation MUD	H	Direct Reuse	282	282	282	282	282	282
River Plantation MUD	H	Gulf Coast Aquifer System | Montgomery County	333	417	452	556	509	478
Roman Forest Consolidated MUD	H	Gulf Coast Aquifer System | Montgomery County	214	242	265	309	319	300
Shenandoah	H	Gulf Coast Aquifer System | Montgomery County	2,167	2,169	1,939	1,808	1,707	1,610
Southern Montgomery County MUD	H	Conroe Lake/Reservoir	579	579	579	579	579	579
Southern Montgomery County MUD	H	Direct Reuse	179	179	179	179	179	179
Southern Montgomery County MUD	H	Gulf Coast Aquifer System | Montgomery County	467	430	376	342	341	334
Splendora	H	Gulf Coast Aquifer System | Montgomery County	775	727	636	577	541	499
Spring Creek UD	H	Gulf Coast Aquifer System | Montgomery County	1,173	1,004	896	833	803	773
Stanley Lake MUD	H	Gulf Coast Aquifer System | Montgomery County	817	793	776	769	767	770
T & W Water Service	H	Gulf Coast Aquifer System | Montgomery County	1,684	1,581	1,590	1,585	1,610	1,562
The Woodlands	H	Conroe Lake/Reservoir	8,820	8,807	8,807	8,805	8,802	8,778
The Woodlands	H	Gulf Coast Aquifer System | Montgomery County	13,614	12,268	10,999	10,076	10,014	10,918
The Woodlands	H	San Jacinto Indirect Reuse	750	750	750	750	750	750
The Woodlands	H	San Jacinto Run-of-River	116	116	116	116	116	116
Valley Ranch MUD 1	H	Gulf Coast Aquifer System | Montgomery County	322	443	517	562	604	649
Westwood North WSC	H	Gulf Coast Aquifer System | Montgomery County	574	504	495	453	423	467
White Oak WSC	H	Gulf Coast Aquifer System | Montgomery County	153	153	145	151	150	153
Willis	H	Gulf Coast Aquifer System | Montgomery County	1,596	1,596	1,596	1,596	1,596	1,596
Wood Branch Village	H	Gulf Coast Aquifer System | Montgomery County	177	188	206	248	239	230
Wood Trace MUD 1	H	Direct Reuse	10	10	10	10	10	10

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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)					
			2030	2040	2050	2060	2070	2080
Wood Trace MUD 1	H	Gulf Coast Aquifer System | Montgomery County	194	170	148	141	141	136
Woodland Oaks Utility	H	Gulf Coast Aquifer System | Montgomery County	345	323	305	292	286	277
Woodridge MUD	H	Gulf Coast Aquifer System | Montgomery County	154	210	241	268	294	322
County-Other	H	Direct Reuse	9	9	9	9	9	9
County-Other	H	Gulf Coast Aquifer System | Montgomery County	24,803	27,435	29,555	30,742	31,633	31,521
Manufacturing	H	Gulf Coast Aquifer System | Montgomery County	1,196	999	861	777	726	680
Mining	H	Gulf Coast Aquifer System | Montgomery County	31	29	29	29	32	34
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	1,127	941	811	731	684	641
Livestock	H	Gulf Coast Aquifer System | Montgomery County	478	399	344	310	290	272
Irrigation	H	Conroe Lake/Reservoir	737	737	737	737	737	737
Irrigation	H	Gulf Coast Aquifer System | Montgomery County	4,713	3,937	3,395	3,060	2,861	2,680
Irrigation	H	San Jacinto Run-of-River	25	25	25	25	25	25
Polk County WUG Total			**8,456**	**8,756**	**8,909**	**9,078**	**9,263**	**9,465**
Polk County / Trinity Basin WUG Total			**8,456**	**8,756**	**8,909**	**9,078**	**9,263**	**9,465**
Lake Livingston WSC*	H	Gulf Coast Aquifer System | Polk County	664	721	749	780	814	851
Lake Livingston WSC*	H	Livingston-Wallisville Lake/Reservoir System	650	663	668	672	677	681
Leggett WSC*	H	Gulf Coast Aquifer System | Polk County	267	288	298	310	323	337
Livingston	H	Livingston-Wallisville Lake/Reservoir System	3,363	3,363	3,363	3,363	3,363	3,363
Memorial Point UD	H	Gulf Coast Aquifer System | Polk County	143	155	162	168	175	184
Memorial Point UD	H	Livingston-Wallisville Lake/Reservoir System	10	10	10	10	10	10
Moscow WSC*	I	Gulf Coast Aquifer System | Polk County	30	32	33	35	36	38

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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)					
			2030	2040	2050	2060	2070	2080
Onalaska WSC	H	Gulf Coast Aquifer System | Polk County	359	388	403	420	438	458
Providence WSC	H	Gulf Coast Aquifer System | Polk County	379	409	425	442	462	483
Soda WSC*	H	Gulf Coast Aquifer System | Polk County	209	226	234	244	255	266
Tempe WSC 1	H	Gulf Coast Aquifer System | Polk County	219	236	245	255	266	278
County-Other*	H	Gulf Coast Aquifer System | Polk County	1,611	1,713	1,767	1,827	1,892	1,964
County-Other*	H	Livingston-Wallisville Lake/Reservoir System	10	10	10	10	10	10
Manufacturing*	H	Gulf Coast Aquifer System | Polk County	8	8	8	8	8	8
Manufacturing*	I	Gulf Coast Aquifer System | Polk County	8	8	8	8	8	8
Mining*		No water supply associated with WUG	0	0	0	0	0	0
Livestock*	H	Gulf Coast Aquifer System | Polk County	194	194	194	194	194	194
Irrigation*	H	Gulf Coast Aquifer System | Polk County	332	332	332	332	332	332
San Jacinto County WUG Total			**4,327**	**4,276**	**4,182**	**4,090**	**3,988**	**3,876**
San Jacinto County / San Jacinto Basin WUG Total			**1,520**	**1,503**	**1,470**	**1,436**	**1,400**	**1,360**
Dodge Oakhurst WSC	H	Gulf Coast Aquifer System | San Jacinto County	8	8	8	7	7	7
Mercy WSC	H	Gulf Coast Aquifer System | San Jacinto County	377	372	362	352	342	330
One Five O WSC	H	Gulf Coast Aquifer System | San Jacinto County	238	235	229	223	216	208
P B & S C WSC	H	Gulf Coast Aquifer System | San Jacinto County	26	25	25	24	23	22
San Jacinto SUD	H	Gulf Coast Aquifer System | San Jacinto County	71	70	68	66	64	62
County-Other	H	Gulf Coast Aquifer System | San Jacinto County	545	538	523	509	493	476
Manufacturing	H	Gulf Coast Aquifer System | San Jacinto County	9	9	9	9	9	9
Mining	H	Gulf Coast Aquifer System | San Jacinto County	1	1	1	1	1	1

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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)					
			2030	2040	2050	2060	2070	2080
Livestock	H	Gulf Coast Aquifer System | San Jacinto County	170	170	170	170	170	170
Irrigation	H	Gulf Coast Aquifer System | San Jacinto County	75	75	75	75	75	75
San Jacinto County / Trinity Basin WUG Total			**2,807**	**2,773**	**2,712**	**2,654**	**2,588**	**2,516**
Cape Royale UD	H	Gulf Coast Aquifer System | San Jacinto County	171	169	165	160	155	150
Dodge Oakhurst WSC	H	Gulf Coast Aquifer System | San Jacinto County	65	64	62	61	59	57
Lake Livingston WSC*	H	Gulf Coast Aquifer System | San Jacinto County	157	155	151	147	142	138
Lake Livingston WSC*	H	Livingston-Wallisville Lake/Reservoir System	233	222	214	206	197	189
P B & S C WSC	H	Gulf Coast Aquifer System | San Jacinto County	219	217	210	205	199	192
Riverside SUD	H	Gulf Coast Aquifer System | Walker County	23	23	22	21	21	20
Riverside SUD	H	Yegua-Jackson Aquifer | Walker County	23	23	23	22	21	21
San Jacinto SUD	H	Gulf Coast Aquifer System | San Jacinto County	201	199	194	189	183	177
Shepherd	H	Gulf Coast Aquifer System | San Jacinto County	319	315	307	299	290	280
Waterwood MUD 1	H	Gulf Coast Aquifer System | San Jacinto County	111	110	107	104	101	97
Waterwood MUD 1	H	Livingston-Wallisville Lake/Reservoir System	224	224	224	224	224	224
County-Other	H	Gulf Coast Aquifer System | San Jacinto County	683	674	655	638	618	593
Mining	H	Gulf Coast Aquifer System | San Jacinto County	30	30	30	30	30	30
Livestock	H	Gulf Coast Aquifer System | San Jacinto County	175	175	175	175	175	175
Irrigation	H	Gulf Coast Aquifer System | San Jacinto County	73	73	73	73	73	73
Irrigation	H	Livingston-Wallisville Lake/Reservoir System	100	100	100	100	100	100

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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)					
			2030	2040	2050	2060	2070	2080
Trinity County WUG Total			**3,040**	**3,020**	**3,001**	**2,986**	**2,972**	**2,956**
Trinity County / Trinity Basin WUG Total			**3,040**	**3,020**	**3,001**	**2,986**	**2,972**	**2,956**
Glendale WSC	H	Yegua-Jackson Aquifer | Trinity County	73	68	64	61	58	54
Groveton*	H	Livingston-Wallisville Lake/Reservoir System	30	31	32	33	35	37
Groveton*	H	Yegua-Jackson Aquifer | Trinity County	31	26	21	18	14	10
Pennington WSC*	I	Yegua-Jackson Aquifer | Houston County	54	50	46	45	42	40
Pennington WSC*	I	Yegua-Jackson Aquifer | Trinity County	52	49	46	43	42	39
Trinity	H	Livingston-Wallisville Lake/Reservoir System	857	857	857	857	857	857
Trinity Rural WSC	H	Livingston-Wallisville Lake/Reservoir System	732	735	738	737	737	737
Westwood Shores MUD	H	Livingston-Wallisville Lake/Reservoir System	132	132	132	132	132	132
County-Other*	H	Gulf Coast Aquifer System | Trinity County	74	69	65	61	58	55
County-Other*	H	Livingston-Wallisville Lake/Reservoir System	511	511	511	511	511	511
County-Other*	H	Yegua-Jackson Aquifer | Trinity County	41	39	36	35	33	31
Mining*	H	Yegua-Jackson Aquifer | Trinity County	9	9	9	9	9	9
Livestock*	H	Yegua-Jackson Aquifer | Trinity County	169	169	169	169	169	169
Irrigation*	H	Yegua-Jackson Aquifer | Trinity County	275	275	275	275	275	275
Walker County WUG Total			**17,103**	**18,174**	**20,042**	**22,036**	**22,480**	**22,954**
Walker County / San Jacinto Basin WUG Total			**11,484**	**12,296**	**13,733**	**15,332**	**15,679**	**16,054**
Dodge Oakhurst WSC	H	Gulf Coast Aquifer System | Walker County	120	145	172	196	209	209
Huntsville	H	Gulf Coast Aquifer System | Walker County	5,036	5,801	7,145	8,688	8,974	9,285
Huntsville	H	Livingston-Wallisville Lake/Reservoir System	3,768	3,769	3,768	3,769	3,768	3,768
New Waverly	H	Gulf Coast Aquifer System | Walker County	141	125	111	96	83	72

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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)					
			2030	2040	2050	2060	2070	2080
One Five O WSC	H	Gulf Coast Aquifer System | San Jacinto County	6	7	9	11	14	16
Phelps SUD	H	Gulf Coast Aquifer System | Walker County	134	136	142	145	149	154
Quadvest*	H	Gulf Coast Aquifer System | Walker County	129	167	231	319	412	511
Walker County SUD	H	Gulf Coast Aquifer System | Walker County	173	185	206	228	253	281
Walker County SUD	H	Yegua-Jackson Aquifer | Walker County	263	280	312	347	385	426
County-Other	H	Gulf Coast Aquifer System | Walker County	989	951	901	792	685	579
Manufacturing	H	Gulf Coast Aquifer System | Walker County	141	146	152	157	163	169
Livestock	H	Gulf Coast Aquifer System | Walker County	345	345	345	345	345	345
Irrigation	H	Gulf Coast Aquifer System | Walker County	239	239	239	239	239	239
Walker County / Trinity Basin WUG Total			**5,619**	**5,878**	**6,309**	**6,704**	**6,801**	**6,900**
Dodge Oakhurst WSC	H	Gulf Coast Aquifer System | Walker County	158	191	226	258	275	275
Huntsville	H	Gulf Coast Aquifer System | Walker County	964	1,111	1,368	1,663	1,718	1,778
Huntsville	H	Livingston-Wallisville Lake/Reservoir System	722	721	722	721	722	722
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	25	27	32	38	44	50
Phelps SUD	H	Gulf Coast Aquifer System | Walker County	59	60	62	63	65	67
Riverside SUD	H	Gulf Coast Aquifer System | Walker County	229	242	264	288	314	344
Riverside SUD	H	Yegua-Jackson Aquifer | Walker County	233	246	268	292	320	349
Trinity Rural WSC	H	Livingston-Wallisville Lake/Reservoir System	8	5	2	3	3	3
Trinity Rural WSC	H	Yegua-Jackson Aquifer | Walker County	4	2	1	1	1	1
Walker County SUD	H	Gulf Coast Aquifer System | Walker County	290	310	343	380	420	463

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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)					
			2030	2040	2050	2060	2070	2080
Walker County SUD	H	Yegua-Jackson Aquifer | Walker County	441	471	522	577	637	704
County-Other	H	Gulf Coast Aquifer System | Walker County	914	914	914	847	734	619
County-Other	H	Yegua-Jackson Aquifer | Walker County	255	255	255	236	204	173
Manufacturing	H	Gulf Coast Aquifer System | Walker County	49	50	52	54	56	58
Manufacturing	H	Trinity Run-of-River	337	337	337	337	337	337
Manufacturing	H	Yegua-Jackson Aquifer | Walker County	87	91	94	98	101	105
Mining	H	Gulf Coast Aquifer System | Walker County	73	73	73	73	73	73
Livestock	H	Gulf Coast Aquifer System | Walker County	218	218	218	218	218	218
Livestock	H	Queen City Aquifer | Walker County	109	109	109	109	109	109
Livestock	H	Yegua-Jackson Aquifer | Walker County	109	109	109	109	109	109
Irrigation	H	Gulf Coast Aquifer System | Walker County	40	40	40	40	40	40
Irrigation	H	Trinity Run-of-River	123	123	123	123	123	123
Irrigation	H	Yegua-Jackson Aquifer | Walker County	159	159	159	159	159	159
Waller County WUG Total			**33,187**	**34,894**	**35,861**	**36,679**	**37,422**	**37,870**
Waller County / Brazos Basin WUG Total			**13,504**	**13,729**	**13,831**	**13,954**	**14,161**	**14,327**
Brookshire MWD	H	Gulf Coast Aquifer System | Waller County	823	854	856	867	941	1,013
G & W WSC*	H	Gulf Coast Aquifer System | Waller County	164	166	169	171	173	176
Hempstead	H	Gulf Coast Aquifer System | Waller County	1,258	1,289	1,290	1,296	1,306	1,306
Pattison WSC	H	Gulf Coast Aquifer System | Waller County	225	226	238	244	250	256
Prairie View	H	Gulf Coast Aquifer System | Waller County	599	730	791	863	950	1,013
Prairie View A&M University	H	Gulf Coast Aquifer System | Waller County	710	721	726	732	739	748
Quadvest*	H	Gulf Coast Aquifer System | Waller County	0	0	0	0	1	1

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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)					
			2030	2040	2050	2060	2070	2080
County-Other	H	Gulf Coast Aquifer System | Waller County	1,268	1,268	1,268	1,268	1,268	1,268
Manufacturing	H	Gulf Coast Aquifer System | Waller County	5	5	5	5	6	6
Mining	H	Gulf Coast Aquifer System | Waller County	109	127	145	166	188	211
Livestock	H	Brazos River Alluvium Aquifer | Waller County	111	111	111	111	111	111
Livestock	H	Gulf Coast Aquifer System | Waller County	672	672	672	672	672	672
Irrigation	G	BRA System Operations Permit Supply	90	90	90	90	87	77
Irrigation	H	Brazos River Alluvium Aquifer | Waller County	757	757	757	757	757	757
Irrigation	G	Brazos River Authority Main Stem Lake/Reservoir System	45	45	45	44	44	44
Irrigation	H	Brazos Run-of-River	44	44	44	44	44	44
Irrigation	H	Gulf Coast Aquifer System | Waller County	6,624	6,624	6,624	6,624	6,624	6,624
Waller County / San Jacinto Basin WUG Total			**19,683**	**21,165**	**22,030**	**22,725**	**23,261**	**23,543**
G & W WSC*	H	Gulf Coast Aquifer System | Waller County	571	581	590	599	605	615
Katy	H	Gulf Coast Aquifer System | Waller County	1,117	2,467	3,089	3,625	4,021	4,212
North Fort Bend Water Authority	H	Direct Reuse	0	1	2	2	2	2
Oak Hollow Utility	H	Gulf Coast Aquifer System | Waller County	193	192	192	194	196	196
Prairie View	H	Gulf Coast Aquifer System | Waller County	289	353	381	417	458	489
Prairie View A&M University	H	Gulf Coast Aquifer System | Waller County	1	2	2	2	2	2
Quadvest*	H	Gulf Coast Aquifer System | Waller County	28	28	28	28	65	93
Waller	H	Gulf Coast Aquifer System | Waller County	394	408	445	460	482	497
Willow Creek Farms MUD	H	Gulf Coast Aquifer System | Waller County	893	930	1,092	1,183	1,209	1,209
County-Other	H	Gulf Coast Aquifer System | Waller County	1,073	1,073	1,073	1,073	1,073	1,073

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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)					
			2030	2040	2050	2060	2070	2080
Manufacturing	H	Direct Reuse	16	16	16	16	16	16
Manufacturing	H	Gulf Coast Aquifer System | Waller County	153	159	165	171	177	184
Livestock	H	Gulf Coast Aquifer System | Waller County	403	403	403	403	403	403
Irrigation	H	Gulf Coast Aquifer System | Waller County	14,552	14,552	14,552	14,552	14,552	14,552
Region H WUG Existing Water Supply Total			**2,539,124**	**2,470,932**	**2,497,765**	**2,517,499**	**2,532,580**	**2,544,802**

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Region H Water User Group (WUG) Needs or 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.

			Water Supply Needs or Surplus (acre-feet per year)					
WUG Name	**County**	**Basin**	**2030**	**2040**	**2050**	**2060**	**2070**	**2080**
Austin County WSC	Austin	Brazos	0	0	0	0	0	0
Bellville	Austin	Brazos	0	0	0	0	0	0
Sealy	Austin	Brazos	0	0	0	0	0	0
West End WSC*	Austin	Brazos	0	0	0	0	0	0
County-Other	Austin	Brazos	0	0	0	0	0	0
Manufacturing	Austin	Brazos	0	0	0	0	0	0
Mining	Austin	Brazos	(38)	(46)	(56)	(67)	(78)	(91)
Steam Electric Power	Austin	Brazos	(888)	(888)	(888)	(888)	(888)	(888)
Livestock	Austin	Brazos	0	0	0	0	0	0
Irrigation	Austin	Brazos	0	0	0	0	0	0
Austin County WSC	Austin	Brazos-Colorado	0	0	0	0	0	0
Sealy	Austin	Brazos-Colorado	0	0	0	0	0	0
Wallis	Austin	Brazos-Colorado	0	0	0	0	0	0
County-Other	Austin	Brazos-Colorado	0	0	0	0	0	0
Livestock	Austin	Brazos-Colorado	0	0	0	0	0	0
Irrigation	Austin	Brazos-Colorado	0	0	0	0	0	0
West End WSC*	Austin	Colorado	0	0	0	0	0	0
County-Other	Austin	Colorado	0	0	0	0	0	0
Livestock	Austin	Colorado	0	0	0	0	0	0
Brazoria	Brazoria	Brazos	50	51	51	52	52	53
Brazoria County FWSD 1	Brazoria	Brazos	(3)	(6)	(8)	(10)	(11)	(14)
Freeport	Brazoria	Brazos	48	52	54	57	60	65
Lake Jackson	Brazoria	Brazos	(6)	(8)	(9)	(9)	(9)	(9)
Varner Creek UD	Brazoria	Brazos	(11)	(18)	(19)	(21)	(22)	(24)
West Columbia	Brazoria	Brazos	(12)	(19)	(20)	(22)	(23)	(27)
County-Other	Brazoria	Brazos	(372)	(415)	(466)	(495)	(526)	(547)
Manufacturing	Brazoria	Brazos	1,700	(6,133)	(14,200)	(22,499)	(31,539)	(42,056)

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Region H Water User Group (WUG) Needs or Surplus

			Water Supply Needs or Surplus (acre-feet per year)					
WUG Name	**County**	**Basin**	**2030**	**2040**	**2050**	**2060**	**2070**	**2080**
Livestock	Brazoria	Brazos	(135)	(140)	(145)	(149)	(152)	(152)
Irrigation	Brazoria	Brazos	(868)	(903)	(936)	(959)	(980)	(983)
Brazoria	Brazoria	Brazos-Colorado	345	348	348	355	362	373
Brazoria County FWSD 1	Brazoria	Brazos-Colorado	(1)	(2)	(2)	(2)	(2)	(3)
Freeport	Brazoria	Brazos-Colorado	1	1	1	1	1	1
Sweeny	Brazoria	Brazos-Colorado	(17)	(27)	(30)	(32)	(32)	(34)
West Columbia	Brazoria	Brazos-Colorado	(6)	(10)	(11)	(12)	(13)	(15)
County-Other	Brazoria	Brazos-Colorado	(151)	(260)	(451)	(631)	(820)	(938)
Manufacturing	Brazoria	Brazos-Colorado	(23,039)	(24,466)	(25,948)	(27,454)	(29,012)	(30,578)
Livestock	Brazoria	Brazos-Colorado	(21)	(33)	(47)	(55)	(63)	(62)
Irrigation	Brazoria	Brazos-Colorado	(299)	(482)	(678)	(797)	(913)	(908)
Alvin	Brazoria	San Jacinto-Brazos	(123)	(259)	(319)	(359)	(380)	(435)
Angleton	Brazoria	San Jacinto-Brazos	1,032	1,024	1,042	1,080	1,124	1,187
Brazoria County MUD 2	Brazoria	San Jacinto-Brazos	(52)	(92)	(125)	(159)	(188)	(213)
Brazoria County MUD 21	Brazoria	San Jacinto-Brazos	(26)	(45)	(54)	(58)	(60)	(64)
Brazoria County MUD 22	Brazoria	San Jacinto-Brazos	0	0	0	0	0	0
Brazoria County MUD 25	Brazoria	San Jacinto-Brazos	(31)	(47)	(52)	(57)	(59)	(60)
Brazoria County MUD 29	Brazoria	San Jacinto-Brazos	(119)	(139)	(146)	(151)	(159)	(164)
Brazoria County MUD 3	Brazoria	San Jacinto-Brazos	9	9	9	9	9	9
Brazoria County MUD 31	Brazoria	San Jacinto-Brazos	(36)	(67)	(87)	(108)	(115)	(115)
Brazoria County MUD 39	Brazoria	San Jacinto-Brazos	(308)	(384)	(388)	(441)	(473)	(485)
Brazoria County MUD 55	Brazoria	San Jacinto-Brazos	(14)	(22)	(24)	(26)	(27)	(30)

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Region H Water User Group (WUG) Needs or Surplus

			Water Supply Needs or Surplus (acre-feet per year)					
WUG Name	**County**	**Basin**	**2030**	**2040**	**2050**	**2060**	**2070**	**2080**
Brazoria County MUD 6	Brazoria	San Jacinto-Brazos	0	0	0	0	0	0
Clute	Brazoria	San Jacinto-Brazos	1,086	1,074	1,071	1,073	729	344
Danbury	Brazoria	San Jacinto-Brazos	(6)	(10)	(11)	(12)	(13)	(15)
Fort Bend County FWSD 1	Brazoria	San Jacinto-Brazos	0	0	0	0	0	0
Freeport	Brazoria	San Jacinto-Brazos	463	499	511	541	574	619
Hillcrest Village	Brazoria	San Jacinto-Brazos	(5)	(9)	(12)	(14)	(14)	(13)
Lake Jackson	Brazoria	San Jacinto-Brazos	(210)	(302)	(326)	(337)	(330)	(313)
Manvel	Brazoria	San Jacinto-Brazos	(63)	(527)	(977)	(1,169)	(1,371)	(1,543)
Oyster Creek	Brazoria	San Jacinto-Brazos	(6)	(9)	(9)	(9)	(8)	(6)
Pearland	Brazoria	San Jacinto-Brazos	4,197	3,627	3,442	3,277	3,180	3,112
Quadvest*	Brazoria	San Jacinto-Brazos	(5)	(8)	(9)	(10)	(12)	(13)
Richwood	Brazoria	San Jacinto-Brazos	(20)	(25)	(27)	(26)	(25)	(22)
Sedona Lakes MUD 1	Brazoria	San Jacinto-Brazos	(21)	(33)	(40)	(45)	(46)	(48)
Surfside Beach	Brazoria	San Jacinto-Brazos	210	206	208	213	218	225
TDCJ Darrington Unit	Brazoria	San Jacinto-Brazos	(60)	(91)	(98)	(105)	(107)	(107)
TDCJ Ramsey Area	Brazoria	San Jacinto-Brazos	(132)	(200)	(219)	(236)	(242)	(246)
County-Other	Brazoria	San Jacinto-Brazos	(3,716)	(4,853)	(5,953)	(6,513)	(7,072)	(7,610)
Manufacturing	Brazoria	San Jacinto-Brazos	16,933	15,737	14,433	13,080	11,676	10,218
Mining	Brazoria	San Jacinto-Brazos	(332)	(396)	(459)	(526)	(598)	(675)
Livestock	Brazoria	San Jacinto-Brazos	(69)	(105)	(115)	(124)	(127)	(129)
Irrigation	Brazoria	San Jacinto-Brazos	(58,101)	(58,415)	(58,507)	(58,585)	(58,613)	(58,631)

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Region H Water User Group (WUG) Needs or Surplus

			Water Supply Needs or Surplus (acre-feet per year)					
WUG Name	**County**	**Basin**	**2030**	**2040**	**2050**	**2060**	**2070**	**2080**
Anahuac	Chambers	Neches-Trinity	861	863	864	865	854	851
Trinity Bay Conservation District*	Chambers	Neches-Trinity	310	203	100	32	(57)	(167)
County-Other	Chambers	Neches-Trinity	0	0	0	0	0	0
Manufacturing	Chambers	Neches-Trinity	450	366	280	190	97	0
Livestock	Chambers	Neches-Trinity	0	0	0	0	0	0
Irrigation	Chambers	Neches-Trinity	24,609	24,609	24,609	24,609	24,609	24,609
Anahuac	Chambers	Trinity	17	16	15	14	13	14
Baytown	Chambers	Trinity	59	39	32	30	34	40
C C Water Works	Chambers	Trinity	(76)	(182)	(314)	(442)	(580)	(738)
Mont Belvieu	Chambers	Trinity	(773)	(1,591)	(1,769)	(2,708)	(3,736)	(4,929)
Trinity Bay Conservation District*	Chambers	Trinity	70	45	23	7	(13)	(37)
County-Other	Chambers	Trinity	0	0	0	(352)	(1,250)	(2,276)
Manufacturing	Chambers	Trinity	(5,388)	(5,814)	(6,255)	(6,712)	(7,186)	(7,678)
Livestock	Chambers	Trinity	0	0	0	0	0	0
Irrigation	Chambers	Trinity	(9,395)	(9,395)	(9,395)	(9,395)	(9,395)	(9,395)
Baytown	Chambers	Trinity-San Jacinto	314	208	171	157	183	211
C C Water Works	Chambers	Trinity-San Jacinto	(11)	(26)	(45)	(63)	(83)	(105)
Chambers County MUD 1	Chambers	Trinity-San Jacinto	0	0	0	0	0	0
Mont Belvieu	Chambers	Trinity-San Jacinto	(220)	(452)	(503)	(770)	(1,062)	(1,401)
County-Other	Chambers	Trinity-San Jacinto	172	(484)	(1,445)	(2,383)	(3,392)	(4,544)
Manufacturing	Chambers	Trinity-San Jacinto	12,958	12,138	11,286	10,403	9,487	8,538
Mining	Chambers	Trinity-San Jacinto	0	0	0	0	0	0
Steam Electric Power	Chambers	Trinity-San Jacinto	4,115	4,115	4,115	4,115	4,115	4,115
Livestock	Chambers	Trinity-San Jacinto	0	0	0	0	0	0

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Region H Water User Group (WUG) Needs or Surplus

			Water Supply Needs or Surplus (acre-feet per year)					
WUG Name	**County**	**Basin**	**2030**	**2040**	**2050**	**2060**	**2070**	**2080**
Irrigation	Chambers	Trinity-San Jacinto	(3,177)	(3,177)	(3,177)	(3,177)	(3,177)	(3,177)
First Colony MUD 9	Fort Bend	Brazos	0	(8)	(21)	(43)	(63)	(79)
Fort Bend County FWSD 2	Fort Bend	Brazos	3	2	0	(1)	(3)	(4)
Fort Bend County MUD 115	Fort Bend	Brazos	0	(4)	(45)	(53)	(70)	(80)
Fort Bend County MUD 116	Fort Bend	Brazos	0	(92)	(92)	(104)	(112)	(125)
Fort Bend County MUD 121	Fort Bend	Brazos	(274)	(272)	(272)	(272)	(272)	(272)
Fort Bend County MUD 128	Fort Bend	Brazos	(173)	(207)	(224)	(224)	(270)	(330)
Fort Bend County MUD 129	Fort Bend	Brazos	0	(16)	(24)	(35)	(51)	(86)
Fort Bend County MUD 140	Fort Bend	Brazos	282	284	282	282	250	225
Fort Bend County MUD 149	Fort Bend	Brazos	0	(1)	(28)	(31)	(34)	(52)
Fort Bend County MUD 152	Fort Bend	Brazos	0	1	(1)	(21)	(40)	(41)
Fort Bend County MUD 155	Fort Bend	Brazos	0	(81)	(180)	(258)	(326)	(365)
Fort Bend County MUD 158	Fort Bend	Brazos	0	(33)	(78)	(113)	(144)	(162)
Fort Bend County MUD 162	Fort Bend	Brazos	0	1	(12)	(28)	(76)	(97)
Fort Bend County MUD 25	Fort Bend	Brazos	(236)	(232)	(237)	(239)	(241)	(246)
Fort Bend County MUD 46	Fort Bend	Brazos	117	82	55	41	41	40
Fort Bend County MUD 49	Fort Bend	Brazos	(13)	(14)	(14)	(14)	(14)	(14)
Fort Bend County MUD 5	Fort Bend	Brazos	0	(27)	(55)	(68)	(71)	(73)
Fort Bend County MUD 81	Fort Bend	Brazos	0	0	0	0	0	0
Fort Bend County WCID 3	Fort Bend	Brazos	0	0	0	0	(18)	(29)
Fulshear	Fort Bend	Brazos	(81)	(314)	(320)	(348)	(370)	(387)
Needville	Fort Bend	Brazos	0	0	0	0	0	0
North Fort Bend Water Authority	Fort Bend	Brazos	(3,292)	(3,266)	(3,387)	(3,398)	(3,313)	(3,128)

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Region H Water User Group (WUG) Needs or Surplus

			Water Supply Needs or Surplus (acre-feet per year)					
WUG Name	**County**	**Basin**	**2030**	**2040**	**2050**	**2060**	**2070**	**2080**
Pecan Grove MUD 1	Fort Bend	Brazos	1,244	1,093	979	919	871	816
Plantation MUD	Fort Bend	Brazos	6	0	(13)	(16)	(19)	(26)
Quadvest*	Fort Bend	Brazos	7	(192)	(405)	(595)	(742)	(831)
Richmond	Fort Bend	Brazos	(1,279)	(1,412)	(1,617)	(1,807)	(2,027)	(2,268)
Rosenberg	Fort Bend	Brazos	(1,494)	(2,273)	(3,000)	(3,494)	(3,848)	(4,162)
Royal Valley Utilities	Fort Bend	Brazos	0	(57)	(83)	(168)	(185)	(220)
Sienna Plantation	Fort Bend	Brazos	812	739	598	533	467	393
Sugar Land	Fort Bend	Brazos	(3,431)	(3,909)	(4,172)	(4,419)	(4,676)	(4,990)
TDCJ Jester Units	Fort Bend	Brazos	1	1	1	1	1	1
Thunderbird UD	Fort Bend	Brazos	0	(19)	(20)	(23)	(27)	(29)
County-Other	Fort Bend	Brazos	(2,605)	(5,425)	(8,609)	(11,146)	(13,463)	(15,714)
Manufacturing	Fort Bend	Brazos	(323)	(351)	(380)	(410)	(441)	(474)
Mining	Fort Bend	Brazos	378	378	378	378	378	378
Steam Electric Power	Fort Bend	Brazos	65,240	64,742	64,243	63,745	63,247	62,749
Livestock	Fort Bend	Brazos	0	0	0	0	0	0
Irrigation	Fort Bend	Brazos	465	465	465	465	465	465
Kendleton	Fort Bend	Brazos-Colorado	0	0	0	0	0	0
Needville	Fort Bend	Brazos-Colorado	0	0	0	0	0	0
County-Other	Fort Bend	Brazos-Colorado	0	(2,958)	(6,478)	(9,370)	(12,476)	(15,254)
Livestock	Fort Bend	Brazos-Colorado	0	0	0	0	0	0
Irrigation	Fort Bend	Brazos-Colorado	0	0	0	0	0	0
Blue Ridge West MUD	Fort Bend	San Jacinto	9	9	(2)	(33)	(45)	(57)
Fort Bend County FWSD 2	Fort Bend	San Jacinto	(54)	(55)	(57)	(58)	(60)	(64)
Fort Bend County MUD 26	Fort Bend	San Jacinto	0	3	0	0	(1)	(1)
Fort Bend County WCID 2	Fort Bend	San Jacinto	(1,753)	(1,880)	(2,002)	(2,108)	(2,221)	(2,348)
Fulshear	Fort Bend	San Jacinto	9	(13)	(14)	(17)	(19)	(21)
Houston	Fort Bend	San Jacinto	(716)	(833)	(942)	(1,019)	(1,023)	(1,044)
Katy	Fort Bend	San Jacinto	(870)	(1,263)	(1,485)	(1,504)	(1,658)	(1,806)
Meadows Place	Fort Bend	San Jacinto	25	10	(12)	(42)	(61)	(80)

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Region H Water User Group (WUG) Needs or Surplus

			Water Supply Needs or Surplus (acre-feet per year)					
WUG Name	**County**	**Basin**	**2030**	**2040**	**2050**	**2060**	**2070**	**2080**
North Fort Bend Water Authority	Fort Bend	San Jacinto	(11,329)	(19,325)	(22,309)	(24,810)	(26,650)	(28,493)
Sugar Land	Fort Bend	San Jacinto	(275)	(310)	(334)	(360)	(387)	(415)
West Harris County Regional Water Authority	Fort Bend	San Jacinto	(1,370)	(1,384)	(1,422)	(1,462)	(1,492)	(1,521)
Willow Creek Farms MUD	Fort Bend	San Jacinto	0	0	0	0	0	0
County-Other	Fort Bend	San Jacinto	(9)	(33)	(61)	(79)	(95)	(112)
Manufacturing	Fort Bend	San Jacinto	(1,181)	(1,225)	(1,270)	(1,316)	(1,366)	(1,416)
Livestock	Fort Bend	San Jacinto	0	0	0	0	0	0
Irrigation	Fort Bend	San Jacinto	0	0	0	0	0	0
First Colony MUD 9	Fort Bend	San Jacinto-Brazos	1	1	(30)	(47)	(69)	(89)
Fort Bend County FWSD 1	Fort Bend	San Jacinto-Brazos	0	(249)	(342)	(367)	(402)	(435)
Fort Bend County FWSD 2	Fort Bend	San Jacinto-Brazos	(274)	(281)	(302)	(319)	(336)	(354)
Fort Bend County MUD 131	Fort Bend	San Jacinto-Brazos	0	(9)	(17)	(20)	(43)	(55)
Fort Bend County MUD 23	Fort Bend	San Jacinto-Brazos	0	(27)	(27)	(36)	(45)	(52)
Fort Bend County MUD 24	Fort Bend	San Jacinto-Brazos	0	(17)	(17)	(17)	(18)	(19)
Fort Bend County MUD 25	Fort Bend	San Jacinto-Brazos	(684)	(728)	(742)	(744)	(758)	(769)
Fort Bend County MUD 26	Fort Bend	San Jacinto-Brazos	0	(18)	(27)	(49)	(59)	(70)
Fort Bend County MUD 42	Fort Bend	San Jacinto-Brazos	0	(19)	(31)	(43)	(55)	(69)
Fort Bend County MUD 46	Fort Bend	San Jacinto-Brazos	1	2	1	1	1	1
Fort Bend County MUD 47	Fort Bend	San Jacinto-Brazos	42	43	43	43	43	31
Fort Bend County MUD 48	Fort Bend	San Jacinto-Brazos	0	(3)	(7)	(24)	(33)	(37)
Fort Bend County MUD 49	Fort Bend	San Jacinto-Brazos	6	4	4	4	(4)	(4)
Fort Bend County WCID 2	Fort Bend	San Jacinto-Brazos	(1,179)	(1,497)	(1,659)	(1,782)	(1,888)	(2,012)
Fulshear	Fort Bend	San Jacinto-Brazos	71	(1,204)	(1,252)	(1,326)	(1,443)	(1,525)

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Region H Water User Group (WUG) Needs or Surplus

			Water Supply Needs or Surplus (acre-feet per year)					
WUG Name	**County**	**Basin**	**2030**	**2040**	**2050**	**2060**	**2070**	**2080**
Houston	Fort Bend	San Jacinto-Brazos	(66)	(98)	(120)	(126)	(119)	(126)
Meadowcreek MUD	Fort Bend	San Jacinto-Brazos	0	0	(4)	(7)	(10)	(12)
Missouri City	Fort Bend	San Jacinto-Brazos	7,272	7,116	7,041	6,964	6,636	6,324
North Fort Bend Water Authority	Fort Bend	San Jacinto-Brazos	(6,406)	(3,432)	(4,140)	(4,882)	(5,622)	(6,448)
Palmer Plantation MUD 1	Fort Bend	San Jacinto-Brazos	0	(1)	(1)	(1)	(4)	(15)
Palmer Plantation MUD 2	Fort Bend	San Jacinto-Brazos	0	1	0	0	0	0
Pearland	Fort Bend	San Jacinto-Brazos	(147)	(285)	(328)	(359)	(381)	(393)
Pecan Grove MUD 1	Fort Bend	San Jacinto-Brazos	60	57	56	54	53	52
Quail Valley UD	Fort Bend	San Jacinto-Brazos	634	594	579	507	468	431
Sienna Plantation	Fort Bend	San Jacinto-Brazos	385	332	288	270	244	194
Sugar Land	Fort Bend	San Jacinto-Brazos	(1,395)	(1,419)	(1,617)	(1,688)	(1,778)	(1,920)
TDCJ Jester Units	Fort Bend	San Jacinto-Brazos	0	0	0	0	0	0
Thunderbird UD	Fort Bend	San Jacinto-Brazos	0	8	(26)	(30)	(37)	(57)
County-Other	Fort Bend	San Jacinto-Brazos	(272)	(1,507)	(3,148)	(4,634)	(6,242)	(7,703)
Manufacturing	Fort Bend	San Jacinto-Brazos	1,707	1,678	1,641	1,601	1,559	1,516
Livestock	Fort Bend	San Jacinto-Brazos	0	0	0	0	0	0
Irrigation	Fort Bend	San Jacinto-Brazos	275	275	275	275	275	275
Bolivar Peninsula SUD	Galveston	Neches-Trinity	4,749	4,736	4,729	4,723	4,721	4,720
Livestock	Galveston	Neches-Trinity	(12)	(12)	(12)	(12)	(12)	(12)
Irrigation	Galveston	Neches-Trinity	0	0	0	0	0	0
Bacliff MUD	Galveston	San Jacinto-Brazos	453	428	405	381	364	345

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Region H Water User Group (WUG) Needs or Surplus

			Water Supply Needs or Surplus (acre-feet per year)					
WUG Name	**County**	**Basin**	**2030**	**2040**	**2050**	**2060**	**2070**	**2080**
Bayview MUD	Galveston	San Jacinto-Brazos	238	230	221	215	209	203
Friendswood	Galveston	San Jacinto-Brazos	5,530	5,419	5,381	5,354	5,298	5,242
Galveston	Galveston	San Jacinto-Brazos	564	393	(63)	(425)	(776)	(1,133)
Galveston County FWSD 6	Galveston	San Jacinto-Brazos	526	523	515	507	499	490
Galveston County MUD 12	Galveston	San Jacinto-Brazos	107	106	102	98	93	88
Galveston County WCID 1	Galveston	San Jacinto-Brazos	489	394	309	234	165	98
Galveston County WCID 12	Galveston	San Jacinto-Brazos	2,046	2,009	1,963	1,925	1,886	1,847
Galveston County WCID 8	Galveston	San Jacinto-Brazos	1,195	1,177	1,155	1,134	1,116	1,095
Hitchcock	Galveston	San Jacinto-Brazos	1,053	1,023	1,004	979	951	922
Jamaica Beach	Galveston	San Jacinto-Brazos	34	35	35	34	34	34
La Marque	Galveston	San Jacinto-Brazos	72	(191)	(353)	(477)	(574)	(667)
League City	Galveston	San Jacinto-Brazos	10,042	9,386	8,907	8,609	8,378	8,154
San Leon MUD	Galveston	San Jacinto-Brazos	863	828	789	765	737	709
Texas City	Galveston	San Jacinto-Brazos	3,063	2,753	2,438	2,186	1,970	1,760
County-Other	Galveston	San Jacinto-Brazos	(2,728)	(2,894)	(2,999)	(3,082)	(3,123)	(3,158)
Manufacturing	Galveston	San Jacinto-Brazos	19,577	17,291	14,625	11,842	8,948	5,941
Steam Electric Power	Galveston	San Jacinto-Brazos	0	0	0	0	0	0
Livestock	Galveston	San Jacinto-Brazos	(184)	(184)	(184)	(184)	(184)	(184)
Irrigation	Galveston	San Jacinto-Brazos	(7,818)	(7,818)	(7,818)	(7,818)	(7,818)	(7,818)
Baker Road MUD	Harris	San Jacinto	0	(55)	(55)	(54)	(70)	(78)
Baytown	Harris	San Jacinto	4,423	3,221	2,675	2,377	2,337	2,278
Bellaire	Harris	San Jacinto	0	0	0	0	0	0
Blue Bell Manor Utility	Harris	San Jacinto	0	(84)	(94)	(99)	(93)	(93)

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Region H Water User Group (WUG) Needs or Surplus

			Water Supply Needs or Surplus (acre-feet per year)					
WUG Name	**County**	**Basin**	**2030**	**2040**	**2050**	**2060**	**2070**	**2080**
Bunker Hill Village	Harris	San Jacinto	0	0	0	(1)	0	0
Central Harris County Regional Water Authority	Harris	San Jacinto	(832)	(1,930)	(1,980)	(2,016)	(2,128)	(2,204)
Chimney Hill MUD	Harris	San Jacinto	69	69	69	69	69	69
Country Terrace Water	Harris	San Jacinto	35	35	35	35	35	36
Crosby MUD	Harris	San Jacinto	59	(88)	(97)	(141)	(213)	(212)
Deer Park	Harris	San Jacinto	(1)	0	0	0	0	1
Douglas Utility	Harris	San Jacinto	0	(58)	(62)	(66)	(61)	(62)
El Dorado UD	Harris	San Jacinto	0	(94)	(122)	(130)	(137)	(141)
Forest Hills MUD	Harris	San Jacinto	34	(17)	(17)	(17)	(100)	(14)
Fort Bend County WCID 2	Harris	San Jacinto	(88)	(159)	(163)	(167)	(172)	(178)
Galena Park	Harris	San Jacinto	163	164	145	136	126	158
Green Trails MUD	Harris	San Jacinto	0	(129)	(130)	(130)	(142)	(150)
Greenwood UD	Harris	San Jacinto	0	0	0	0	0	0
Harris County FWSD 1-A	Harris	San Jacinto	3	3	1	1	0	5
Harris County FWSD 27	Harris	San Jacinto	(36)	(84)	(103)	(113)	(168)	(150)
Harris County FWSD 58	Harris	San Jacinto	0	(68)	(68)	(68)	(68)	(68)
Harris County MUD 106	Harris	San Jacinto	0	0	0	0	0	0
Harris County MUD 11	Harris	San Jacinto	45	(28)	(28)	(28)	(26)	(24)
Harris County MUD 119	Harris	San Jacinto	0	(171)	(171)	(172)	(167)	(165)
Harris County MUD 122	Harris	San Jacinto	41	24	24	25	24	16
Harris County MUD 132	Harris	San Jacinto	0	0	0	0	0	0
Harris County MUD 148	Harris	San Jacinto	0	0	0	0	0	0
Harris County MUD 151	Harris	San Jacinto	0	0	0	0	0	0
Harris County MUD 152	Harris	San Jacinto	0	0	0	0	0	0
Harris County MUD 153	Harris	San Jacinto	0	(315)	(347)	(362)	(402)	(416)

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Region H Water User Group (WUG) Needs or Surplus

			Water Supply Needs or Surplus (acre-feet per year)					
WUG Name	**County**	**Basin**	**2030**	**2040**	**2050**	**2060**	**2070**	**2080**
Harris County MUD 154	Harris	San Jacinto	0	(265)	(291)	(298)	(328)	(340)
Harris County MUD 180	Harris	San Jacinto	0	0	0	0	0	0
Harris County MUD 189	Harris	San Jacinto	0	(127)	(133)	(137)	(153)	(175)
Harris County MUD 216	Harris	San Jacinto	0	(107)	(105)	(103)	(105)	(107)
Harris County MUD 221	Harris	San Jacinto	0	(107)	(117)	(120)	(130)	(134)
Harris County MUD 23	Harris	San Jacinto	0	0	0	0	0	0
Harris County MUD 261	Harris	San Jacinto	(170)	(235)	(242)	(244)	(243)	(245)
Harris County MUD 278	Harris	San Jacinto	845	654	602	583	574	567
Harris County MUD 290	Harris	San Jacinto	0	0	0	0	0	0
Harris County MUD 321	Harris	San Jacinto	0	0	0	0	0	0
Harris County MUD 342	Harris	San Jacinto	0	(152)	(277)	(336)	(338)	(352)
Harris County MUD 344	Harris	San Jacinto	638	236	236	236	235	234
Harris County MUD 345	Harris	San Jacinto	0	(193)	(198)	(202)	(235)	(238)
Harris County MUD 36	Harris	San Jacinto	0	(142)	(326)	(403)	(408)	(433)
Harris County MUD 361	Harris	San Jacinto	0	(119)	(146)	(158)	(173)	(179)
Harris County MUD 372	Harris	San Jacinto	166	0	0	0	0	0
Harris County MUD 400	Harris	San Jacinto	1,050	737	666	637	594	579
Harris County MUD 412	Harris	San Jacinto	791	517	416	375	359	346
Harris County MUD 420	Harris	San Jacinto	0	0	0	0	0	0
Harris County MUD 46	Harris	San Jacinto	0	0	0	0	0	0
Harris County MUD 49	Harris	San Jacinto	366	189	152	132	131	128

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Region H Water User Group (WUG) Needs or Surplus

			Water Supply Needs or Surplus (acre-feet per year)					
WUG Name	**County**	**Basin**	**2030**	**2040**	**2050**	**2060**	**2070**	**2080**
Harris County MUD 494	Harris	San Jacinto	0	(81)	(101)	(110)	(121)	(125)
Harris County MUD 5	Harris	San Jacinto	0	0	0	0	0	0
Harris County MUD 50	Harris	San Jacinto	(351)	(358)	(374)	(379)	(397)	(407)
Harris County MUD 504	Harris	San Jacinto	0	0	0	0	0	0
Harris County MUD 58	Harris	San Jacinto	0	(52)	(52)	(52)	(52)	(52)
Harris County MUD 6	Harris	San Jacinto	19	(62)	(63)	(63)	(60)	(59)
Harris County MUD 8	Harris	San Jacinto	116	109	87	77	84	83
Harris County MUD 96	Harris	San Jacinto	0	0	0	0	0	0
Harris County UD 14	Harris	San Jacinto	0	(43)	(44)	(44)	(44)	(46)
Harris County UD 15	Harris	San Jacinto	0	(105)	(105)	(105)	(114)	(122)
Harris County WCID 1	Harris	San Jacinto	(135)	(145)	(194)	(214)	(283)	(294)
Harris County WCID 133	Harris	San Jacinto	0	(159)	(160)	(161)	(157)	(155)
Harris County WCID 70	Harris	San Jacinto	0	(45)	(45)	(45)	(45)	(45)
Harris County WCID 74	Harris	San Jacinto	0	(138)	(155)	(156)	(149)	(149)
Harris County WCID 96	Harris	San Jacinto	1,651	1,331	1,165	1,116	1,145	1,140
Harris County WCID-Fondren Road	Harris	San Jacinto	102	98	98	98	99	99
Hilshire Village	Harris	San Jacinto	0	0	0	0	0	0
HMW SUD	Harris	San Jacinto	0	(62)	(65)	(66)	(73)	(80)
Houston	Harris	San Jacinto	(53,985)	(102,135)	(112,754)	(117,356)	(114,950)	(115,993)
Humble	Harris	San Jacinto	0	0	0	0	0	0
Jacinto City	Harris	San Jacinto	377	378	359	351	343	373
Jersey Village	Harris	San Jacinto	0	0	0	0	0	0
Katy	Harris	San Jacinto	0	0	0	0	0	0
Kings Manor MUD	Harris	San Jacinto	(26)	(50)	(62)	(69)	(73)	(77)
La Porte	Harris	San Jacinto	208	188	186	184	196	187

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Region H Water User Group (WUG) Needs or Surplus

			Water Supply Needs or Surplus (acre-feet per year)					
WUG Name	**County**	**Basin**	**2030**	**2040**	**2050**	**2060**	**2070**	**2080**
Lake MUD	Harris	San Jacinto	359	344	333	330	301	295
Longhorn Town UD	Harris	San Jacinto	0	(84)	(84)	(82)	(83)	(92)
Luce Bayou PUD	Harris	San Jacinto	0	(74)	(76)	(77)	(77)	(78)
Mason Creek UD	Harris	San Jacinto	0	(290)	(291)	(292)	(315)	(338)
Meadows Place	Harris	San Jacinto	0	0	0	0	0	0
Memorial Villages Water Authority	Harris	San Jacinto	(2,598)	(2,641)	(3,035)	(3,203)	(3,122)	(3,121)
Morgans Point	Harris	San Jacinto	90	90	90	90	90	91
Mount Houston Road MUD	Harris	San Jacinto	0	(162)	(164)	(164)	(158)	(156)
Newport MUD	Harris	San Jacinto	1,043	837	750	697	641	639
Nitsch and Son Utility	Harris	San Jacinto	0	(44)	(44)	(44)	(44)	(44)
North Belt UD	Harris	San Jacinto	0	(156)	(254)	(297)	(302)	(313)
North Channel Water Authority	Harris	San Jacinto	(2,505)	(2,504)	(2,504)	(2,504)	(2,504)	(2,504)
North Forest MUD	Harris	San Jacinto	0	(39)	(41)	(41)	(41)	(46)
North Fort Bend Water Authority	Harris	San Jacinto	(1,179)	(1,629)	(1,641)	(1,647)	(1,711)	(1,778)
North Green MUD	Harris	San Jacinto	45	(69)	(83)	(89)	(98)	(102)
North Harris County Regional Water Authority	Harris	San Jacinto	(49,902)	(79,782)	(83,083)	(84,691)	(88,583)	(91,163)
Northeast Harris County MUD 1	Harris	San Jacinto	(105)	(105)	(105)	(105)	(106)	(110)
Northwest Harris County MUD 16	Harris	San Jacinto	0	(105)	(107)	(111)	(126)	(138)
Parkway MUD	Harris	San Jacinto	0	0	0	0	0	0
Pasadena	Harris	San Jacinto	(5,542)	(5,643)	(5,726)	(5,764)	(5,770)	(5,742)
Pine Village PUD	Harris	San Jacinto	367	303	302	298	302	302
Pinewood Community	Harris	San Jacinto	0	(19)	(20)	(22)	(25)	(25)
Quadvest*	Harris	San Jacinto	0	(6)	(11)	(12)	(11)	(12)
Rolling Fork PUD	Harris	San Jacinto	(37)	(126)	(137)	(142)	(138)	(138)
Sequoia Improvement District	Harris	San Jacinto	0	(27)	(27)	(27)	(26)	(26)
South Houston	Harris	San Jacinto	2,725	2,708	2,699	2,695	2,691	2,692
Southern Water	Harris	San Jacinto	0	(98)	(119)	(130)	(121)	(120)
Southside Place	Harris	San Jacinto	0	0	0	0	0	0

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Region H Water User Group (WUG) Needs or Surplus

			Water Supply Needs or Surplus (acre-feet per year)					
WUG Name	**County**	**Basin**	**2030**	**2040**	**2050**	**2060**	**2070**	**2080**
Southwest Harris County MUD 1	Harris	San Jacinto	51	49	49	48	49	49
Spring Meadows MUD	Harris	San Jacinto	0	0	1	1	1	1
Spring Valley	Harris	San Jacinto	504	248	247	247	254	257
Suburban Utility	Harris	San Jacinto	(1)	(48)	(181)	(216)	(225)	(230)
Sunbelt FWSD	Harris	San Jacinto	1,505	939	907	878	901	900
The Commons Water Supply	Harris	San Jacinto	0	(102)	(102)	(102)	(102)	(102)
Tomball	Harris	San Jacinto	0	(1,088)	(1,591)	(1,813)	(2,093)	(2,203)
Trail of the Lakes MUD	Harris	San Jacinto	9	9	9	9	9	9
Waller	Harris	San Jacinto	(108)	(182)	(182)	(182)	(182)	(182)
West Harris County MUD 6	Harris	San Jacinto	0	(78)	(77)	(76)	(77)	(80)
West Harris County Regional Water Authority	Harris	San Jacinto	(16,907)	(35,634)	(36,364)	(36,747)	(38,653)	(40,361)
West University Place	Harris	San Jacinto	(841)	(841)	(841)	(841)	(841)	(841)
Westfield Garden Park	Harris	San Jacinto	(53)	(70)	(70)	(70)	(70)	(70)
Windfern Forest Utility District	Harris	San Jacinto	(494)	(657)	(669)	(675)	(667)	(666)
Woodcreek MUD	Harris	San Jacinto	0	(99)	(99)	(99)	(99)	(99)
County-Other	Harris	San Jacinto	(2,819)	(10,388)	(12,627)	(14,018)	(14,777)	(15,053)
Manufacturing	Harris	San Jacinto	87,944	78,654	68,399	63,202	57,812	52,223
Mining	Harris	San Jacinto	(2,701)	(2,729)	(2,755)	(2,781)	(2,807)	(2,833)
Steam Electric Power	Harris	San Jacinto	(14,695)	(14,695)	(14,695)	(14,695)	(14,695)	(14,695)
Livestock	Harris	San Jacinto	(499)	(665)	(665)	(665)	(665)	(665)
Irrigation	Harris	San Jacinto	2,423	2,423	2,423	2,423	2,423	2,423
Baybrook MUD 1	Harris	San Jacinto-Brazos	1,714	1,696	1,692	1,690	1,680	1,668
Clear Brook City MUD	Harris	San Jacinto-Brazos	1,209	1,210	1,218	1,225	1,209	1,201
Clear Lake City Water Authority	Harris	San Jacinto-Brazos	12,304	12,130	12,002	11,936	11,880	12,006
Deer Park	Harris	San Jacinto-Brazos	1	0	0	0	0	(1)
Friendswood	Harris	San Jacinto-Brazos	1,800	1,726	1,660	1,607	1,589	1,579

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Region H Water User Group (WUG) Needs or Surplus

			Water Supply Needs or Surplus (acre-feet per year)					
WUG Name	**County**	**Basin**	**2030**	**2040**	**2050**	**2060**	**2070**	**2080**
Harris County MUD 55	Harris	San Jacinto-Brazos	2,595	2,587	2,603	2,616	2,609	2,601
Harris County WCID 156	Harris	San Jacinto-Brazos	47	48	48	48	48	49
Harris County WCID 161	Harris	San Jacinto-Brazos	246	246	246	246	248	251
Harris County WCID 50	Harris	San Jacinto-Brazos	0	0	0	0	0	0
Harris County WCID 89	Harris	San Jacinto-Brazos	2,257	2,253	2,253	2,254	2,258	2,258
Houston	Harris	San Jacinto-Brazos	(6,702)	(7,126)	(7,550)	(7,720)	(7,580)	(7,599)
Kirkmont MUD	Harris	San Jacinto-Brazos	0	0	0	0	0	0
La Porte	Harris	San Jacinto-Brazos	2,771	2,512	2,476	2,448	2,583	2,475
League City	Harris	San Jacinto-Brazos	229	233	226	224	214	203
Morgans Point	Harris	San Jacinto-Brazos	389	383	383	383	384	387
Nassau Bay	Harris	San Jacinto-Brazos	936	925	919	914	910	914
Pasadena	Harris	San Jacinto-Brazos	2,208	2,156	2,106	2,083	2,085	2,101
Pearland	Harris	San Jacinto-Brazos	51	(63)	(103)	(141)	(170)	(187)
Sagemeadow UD	Harris	San Jacinto-Brazos	235	225	232	239	229	218
Seabrook	Harris	San Jacinto-Brazos	533	510	485	474	477	483
Shoreacres	Harris	San Jacinto-Brazos	63	64	63	63	61	59
Webster	Harris	San Jacinto-Brazos	1,890	1,817	1,805	1,799	1,789	1,797
County-Other	Harris	San Jacinto-Brazos	(464)	(572)	(641)	(682)	(701)	(710)
Manufacturing	Harris	San Jacinto-Brazos	5,619	2,283	(1,400)	(3,266)	(5,201)	(7,209)
Mining	Harris	San Jacinto-Brazos	(8)	(8)	(8)	(8)	(8)	(8)
Steam Electric Power	Harris	San Jacinto-Brazos	(140)	(140)	(140)	(140)	(140)	(140)

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Region H Water User Group (WUG) Needs or Surplus

			Water Supply Needs or Surplus (acre-feet per year)					
WUG Name	**County**	**Basin**	**2030**	**2040**	**2050**	**2060**	**2070**	**2080**
Livestock	Harris	San Jacinto-Brazos	(51)	(51)	(51)	(51)	(51)	(51)
Baytown	Harris	Trinity-San Jacinto	2,909	2,262	1,935	1,740	1,653	1,577
Lake MUD	Harris	Trinity-San Jacinto	20	21	19	19	17	17
Spring Meadows MUD	Harris	Trinity-San Jacinto	0	(1)	0	0	0	0
County-Other	Harris	Trinity-San Jacinto	(2,355)	(2,814)	(3,173)	(3,343)	(3,431)	(3,504)
Manufacturing	Harris	Trinity-San Jacinto	(44,552)	(50,505)	(56,959)	(60,558)	(64,254)	(68,078)
Livestock	Harris	Trinity-San Jacinto	(133)	(133)	(133)	(133)	(133)	(133)
Irrigation	Harris	Trinity-San Jacinto	2,421	2,421	2,421	2,421	2,421	2,421
Concord-Robbins WSC	Leon	Brazos	0	0	0	0	0	0
High Prairie WSC	Leon	Brazos	(8)	(10)	(13)	(15)	(18)	(21)
Hilltop Lakes WSC	Leon	Brazos	0	0	0	1	0	0
Jewett	Leon	Brazos	0	0	0	0	0	0
Normangee	Leon	Brazos	0	0	0	0	0	0
Southeast WSC	Leon	Brazos	0	0	0	0	0	0
County-Other	Leon	Brazos	0	0	0	0	0	0
Livestock	Leon	Brazos	(2)	(2)	(2)	(2)	(2)	(2)
Irrigation	Leon	Brazos	0	0	0	0	0	0
Buffalo	Leon	Trinity	0	0	0	0	0	0
Centerville	Leon	Trinity	0	0	0	0	0	0
Concord-Robbins WSC	Leon	Trinity	0	0	0	0	0	0
Flo Community WSC*	Leon	Trinity	0	0	0	0	0	0
Jewett	Leon	Trinity	0	0	0	0	0	0
Normangee	Leon	Trinity	0	0	0	0	0	0
Southeast WSC	Leon	Trinity	0	0	0	0	0	0
County-Other	Leon	Trinity	0	(1)	0	0	0	0
Manufacturing	Leon	Trinity	0	(35)	(71)	(108)	(147)	(187)
Mining	Leon	Trinity	0	0	0	0	0	0
Livestock	Leon	Trinity	(74)	(74)	(74)	(74)	(74)	(74)
Irrigation	Leon	Trinity	(2)	(2)	(2)	(2)	(2)	(2)

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Region H Water User Group (WUG) Needs or Surplus

			Water Supply Needs or Surplus (acre-feet per year)					
WUG Name	**County**	**Basin**	**2030**	**2040**	**2050**	**2060**	**2070**	**2080**
Daisetta	Liberty	Neches	0	0	0	0	0	0
Devers	Liberty	Neches	0	0	0	0	0	0
Hardin WSC	Liberty	Neches	0	0	0	0	0	0
Liberty County FWSD 1 Hull	Liberty	Neches	0	0	0	0	0	0
West Hardin WSC*	Liberty	Neches	0	0	0	0	0	0
County-Other	Liberty	Neches	0	0	0	0	0	0
Manufacturing	Liberty	Neches	0	0	0	0	0	0
Livestock	Liberty	Neches	0	0	0	0	0	0
Irrigation	Liberty	Neches	(7,493)	(7,493)	(7,493)	(7,493)	(7,493)	(7,493)
County-Other	Liberty	Neches-Trinity	0	0	0	0	0	0
Livestock	Liberty	Neches-Trinity	(116)	(116)	(116)	(116)	(116)	(116)
Irrigation	Liberty	Neches-Trinity	13,131	13,131	13,131	13,131	13,131	13,131
Cleveland	Liberty	San Jacinto	0	0	0	0	0	0
Mercy WSC	Liberty	San Jacinto	0	0	0	0	0	0
Quadvest*	Liberty	San Jacinto	1	(168)	(419)	(544)	(711)	(892)
South Cleveland WSC	Liberty	San Jacinto	0	0	0	(157)	(487)	(835)
Splendora	Liberty	San Jacinto	(27)	(81)	(137)	(199)	(248)	(290)
T & W Water Service	Liberty	San Jacinto	0	0	0	0	0	0
Tarkington SUD	Liberty	San Jacinto	0	0	0	0	0	0
County-Other	Liberty	San Jacinto	0	0	0	0	0	0
Mining	Liberty	San Jacinto	0	(2)	(3)	(5)	(6)	(7)
Livestock	Liberty	San Jacinto	(32)	(32)	(32)	(32)	(32)	(32)
Irrigation	Liberty	San Jacinto	(1,725)	(1,725)	(1,725)	(1,725)	(1,725)	(1,725)
Ames Minglewood WSC	Liberty	Trinity	0	0	0	0	0	0
Dayton	Liberty	Trinity	0	0	0	0	0	0
Devers	Liberty	Trinity	0	0	0	0	0	0
Hardin WSC	Liberty	Trinity	0	0	0	0	0	0
Lake Livingston WSC*	Liberty	Trinity	64	60	58	56	54	52
Liberty	Liberty	Trinity	0	0	0	0	0	0
Raywood WSC	Liberty	Trinity	0	0	0	0	0	0
T & W Water Service	Liberty	Trinity	0	0	0	0	0	0

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Region H Water User Group (WUG) Needs or Surplus

			Water Supply Needs or Surplus (acre-feet per year)					
WUG Name	**County**	**Basin**	**2030**	**2040**	**2050**	**2060**	**2070**	**2080**
Tarkington SUD	Liberty	Trinity	0	0	0	0	0	0
Woodcreek Water Of Liberty	Liberty	Trinity	0	0	0	0	0	0
County-Other	Liberty	Trinity	0	0	0	0	0	0
Manufacturing	Liberty	Trinity	0	0	0	0	0	0
Mining	Liberty	Trinity	(79)	(95)	(112)	(128)	(143)	(158)
Livestock	Liberty	Trinity	(319)	(319)	(319)	(319)	(319)	(319)
Irrigation	Liberty	Trinity	3,444	3,444	3,444	3,444	3,444	3,444
Dayton	Liberty	Trinity-San Jacinto	0	0	0	0	0	0
County-Other	Liberty	Trinity-San Jacinto	0	0	0	0	0	0
Livestock	Liberty	Trinity-San Jacinto	(56)	(56)	(56)	(56)	(56)	(56)
Irrigation	Liberty	Trinity-San Jacinto	1	1	1	1	1	1
High Prairie WSC	Madison	Brazos	(21)	(18)	(17)	(17)	(17)	(17)
North Zulch MUD	Madison	Brazos	(24)	(12)	(1)	0	0	0
County-Other	Madison	Brazos	(14)	(15)	(16)	(16)	(17)	(18)
Mining	Madison	Brazos	(443)	(443)	(443)	(443)	(443)	(443)
Livestock	Madison	Brazos	(111)	(111)	(111)	(111)	(111)	(111)
Irrigation	Madison	Brazos	(45)	(45)	(45)	(45)	(45)	(45)
High Prairie WSC	Madison	Trinity	(44)	(17)	2	1	0	(2)
Madisonville	Madison	Trinity	(170)	(53)	0	0	0	0
Normangee	Madison	Trinity	0	0	0	0	0	0
North Zulch MUD	Madison	Trinity	(39)	(16)	(1)	0	0	0
TDCJ Ferguson Unit	Madison	Trinity	(195)	(61)	0	0	0	0
County-Other	Madison	Trinity	0	0	0	0	0	0
Mining	Madison	Trinity	(267)	(267)	(267)	(267)	(267)	(267)
Livestock	Madison	Trinity	(860)	(860)	(860)	(860)	(860)	(860)
Irrigation	Madison	Trinity	(70)	(70)	(70)	(70)	(70)	(70)
Blaketree MUD 1 of Montgomery County	Montgomery	San Jacinto	(2)	(19)	(52)	(70)	(78)	(85)
Chateau Woods MUD	Montgomery	San Jacinto	(12)	(87)	(138)	(174)	(196)	(219)
Conroe	Montgomery	San Jacinto	(2,692)	(3,879)	(5,277)	(7,020)	(8,702)	(10,364)
Conroe Resort Utilities	Montgomery	San Jacinto	(4)	(26)	(46)	(60)	(72)	(85)

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Region H Water User Group (WUG) Needs or Surplus

			Water Supply Needs or Surplus (acre-feet per year)					
WUG Name	**County**	**Basin**	**2030**	**2040**	**2050**	**2060**	**2070**	**2080**
Corinthian Point MUD 2	Montgomery	San Jacinto	(1)	(10)	(26)	(37)	(45)	(53)
Cut & Shoot	Montgomery	San Jacinto	(471)	(652)	(904)	(1,170)	(1,382)	(1,459)
Dobbin Plantersville WSC*	Montgomery	San Jacinto	(19)	(190)	(429)	(643)	(866)	(1,052)
Domestic Water	Montgomery	San Jacinto	(4)	(24)	(39)	(53)	(64)	(71)
East Montgomery County MUD 6	Montgomery	San Jacinto	(10)	(57)	(101)	(151)	(191)	(205)
East Plantation UD	Montgomery	San Jacinto	(8)	(44)	(100)	(158)	(165)	(180)
Far Hills UD	Montgomery	San Jacinto	(4)	(37)	(76)	(109)	(135)	(159)
G & W WSC*	Montgomery	San Jacinto	0	0	0	0	0	0
Grand Oaks MUD	Montgomery	San Jacinto	(4)	(35)	(59)	(69)	(77)	(83)
Harris-Montgomery Counties MUD 386	Montgomery	San Jacinto	0	0	0	0	0	0
HMW SUD	Montgomery	San Jacinto	(32)	(215)	(387)	(512)	(599)	(681)
Houston	Montgomery	San Jacinto	(319)	(592)	(823)	(991)	(1,114)	(1,231)
Johnston Water Utility	Montgomery	San Jacinto	(404)	(1,028)	(1,420)	(1,681)	(1,886)	(2,049)
Keenan WSC	Montgomery	San Jacinto	(4)	(29)	(64)	(88)	(106)	(122)
Kings Manor MUD	Montgomery	San Jacinto	(74)	(144)	(181)	(207)	(226)	(243)
Lake Bonanza WSC	Montgomery	San Jacinto	(8)	(54)	(102)	(138)	(165)	(188)
Lake Conroe Hills MUD	Montgomery	San Jacinto	(7)	(44)	(71)	(90)	(103)	(116)
Lazy River Improvement District	Montgomery	San Jacinto	(8)	(51)	(83)	(108)	(125)	(143)
Magnolia	Montgomery	San Jacinto	(24)	(231)	(443)	(541)	(601)	(663)
Montgomery	Montgomery	San Jacinto	(15)	(119)	(199)	(251)	(287)	(318)
Montgomery County MUD 105	Montgomery	San Jacinto	(7)	(42)	(70)	(90)	(105)	(118)
Montgomery County MUD 112	Montgomery	San Jacinto	(29)	(177)	(297)	(365)	(415)	(570)
Montgomery County MUD 115	Montgomery	San Jacinto	(131)	(229)	(295)	(352)	(384)	(432)
Montgomery County MUD 119	Montgomery	San Jacinto	(49)	(303)	(499)	(636)	(735)	(834)
Montgomery County MUD 126	Montgomery	San Jacinto	0	0	0	0	0	0
Montgomery County MUD 127	Montgomery	San Jacinto	(46)	(79)	(98)	(115)	(124)	(139)

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Region H Water User Group (WUG) Needs or Surplus

			Water Supply Needs or Surplus (acre-feet per year)					
WUG Name	**County**	**Basin**	**2030**	**2040**	**2050**	**2060**	**2070**	**2080**
Montgomery County MUD 137	Montgomery	San Jacinto	(7)	(74)	(130)	(163)	(183)	(196)
Montgomery County MUD 139	Montgomery	San Jacinto	(24)	(133)	(210)	(257)	(285)	(311)
Montgomery County MUD 15	Montgomery	San Jacinto	(193)	(279)	(331)	(361)	(386)	(410)
Montgomery County MUD 18	Montgomery	San Jacinto	(24)	(163)	(281)	(372)	(444)	(519)
Montgomery County MUD 19	Montgomery	San Jacinto	(24)	(140)	(223)	(275)	(305)	(334)
Montgomery County MUD 24	Montgomery	San Jacinto	(8)	51	70	87	102	119
Montgomery County MUD 56	Montgomery	San Jacinto	(4)	(21)	(36)	(44)	(50)	(56)
Montgomery County MUD 8	Montgomery	San Jacinto	(19)	(116)	(196)	(257)	(303)	(352)
Montgomery County MUD 83	Montgomery	San Jacinto	(14)	(80)	(131)	(165)	(190)	(213)
Montgomery County MUD 84	Montgomery	San Jacinto	341	392	414	438	468	501
Montgomery County MUD 88	Montgomery	San Jacinto	(23)	(128)	(203)	(249)	(285)	(321)
Montgomery County MUD 89	Montgomery	San Jacinto	(32)	(185)	(301)	(380)	(438)	(496)
Montgomery County MUD 9	Montgomery	San Jacinto	(370)	(656)	(892)	(1,068)	(1,205)	(1,339)
Montgomery County MUD 94	Montgomery	San Jacinto	(27)	(166)	(271)	(343)	(394)	(445)
Montgomery County MUD 95	Montgomery	San Jacinto	1,726	1,593	1,511	1,478	1,449	1,429
Montgomery County MUD 98	Montgomery	San Jacinto	(3)	(8)	(17)	(25)	(34)	(43)
Montgomery County MUD 99	Montgomery	San Jacinto	144	111	54	37	0	(3)
Montgomery County UD 2	Montgomery	San Jacinto	(19)	(145)	(203)	(245)	(276)	(305)
Montgomery County UD 3	Montgomery	San Jacinto	(19)	(48)	(84)	(121)	(158)	(196)
Montgomery County UD 4	Montgomery	San Jacinto	188	9	(127)	(223)	(291)	(358)
Montgomery County WCID 1	Montgomery	San Jacinto	(16)	(98)	(159)	(195)	(222)	(246)
MSEC Enterprises*	Montgomery	San Jacinto	(160)	(965)	(1,825)	(2,506)	(2,930)	(3,469)

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Region H Water User Group (WUG) Needs or Surplus

			Water Supply Needs or Surplus (acre-feet per year)					
WUG Name	**County**	**Basin**	**2030**	**2040**	**2050**	**2060**	**2070**	**2080**
New Caney MUD	Montgomery	San Jacinto	(63)	(438)	(784)	(1,062)	(1,274)	(1,439)
North Harris County Regional Water Authority	Montgomery	San Jacinto	0	(2)	(3)	(3)	(4)	(5)
Oak Ridge North	Montgomery	San Jacinto	(13)	(91)	(154)	(220)	(241)	(263)
Panorama Village	Montgomery	San Jacinto	(5)	(35)	(60)	(81)	(97)	(115)
Patton Village	Montgomery	San Jacinto	(2)	(15)	(30)	(47)	(54)	(60)
Pinehurst Decker Prairie WSC	Montgomery	San Jacinto	(5)	(36)	(67)	(98)	(118)	(135)
Point Aquarius MUD	Montgomery	San Jacinto	7	(22)	(64)	(103)	(128)	(155)
Porter SUD	Montgomery	San Jacinto	(407)	(1,383)	(2,145)	(2,691)	(3,100)	(3,522)
Quadvest*	Montgomery	San Jacinto	(176)	(1,250)	(2,275)	(3,005)	(3,484)	(4,021)
Ranch Crest Water	Montgomery	San Jacinto	(7)	(43)	(71)	(87)	(98)	(109)
Rayford Road MUD	Montgomery	San Jacinto	(40)	(235)	(385)	(483)	(559)	(634)
River Plantation MUD	Montgomery	San Jacinto	(12)	(100)	(198)	(331)	(360)	(392)
Roman Forest Consolidated MUD	Montgomery	San Jacinto	(8)	(58)	(116)	(183)	(225)	(246)
Shenandoah	Montgomery	San Jacinto	(77)	(520)	(848)	(1,075)	(1,205)	(1,321)
Southern Montgomery County MUD	Montgomery	San Jacinto	(17)	(103)	(165)	(203)	(241)	(274)
Splendora	Montgomery	San Jacinto	(160)	(483)	(898)	(1,375)	(1,757)	(1,800)
Spring Creek UD	Montgomery	San Jacinto	(41)	(241)	(392)	(495)	(566)	(634)
Stanley Lake MUD	Montgomery	San Jacinto	(10)	(61)	(104)	(138)	(163)	(192)
T & W Water Service	Montgomery	San Jacinto	(60)	(379)	(696)	(942)	(1,136)	(1,282)
The Woodlands	Montgomery	San Jacinto	(481)	(2,939)	(4,813)	(5,991)	(7,066)	(8,964)
Valley Ranch MUD 1	Montgomery	San Jacinto	(39)	27	69	100	127	157
Westwood North WSC	Montgomery	San Jacinto	(20)	(121)	(216)	(269)	(299)	(383)
White Oak WSC	Montgomery	San Jacinto	(5)	(37)	(63)	(90)	(106)	(126)
Willis	Montgomery	San Jacinto	708	650	588	536	490	456
Wood Branch Village	Montgomery	San Jacinto	(6)	(45)	(90)	(147)	(168)	(188)
Wood Trace MUD 1	Montgomery	San Jacinto	(7)	(36)	(64)	(85)	(97)	(112)
Woodland Oaks Utility	Montgomery	San Jacinto	(12)	(77)	(133)	(173)	(201)	(227)
Woodridge MUD	Montgomery	San Jacinto	(19)	13	32	48	62	78
County-Other	Montgomery	San Jacinto	(302)	(5,843)	(12,081)	(17,371)	(21,383)	(24,835)

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Region H Water User Group (WUG) Needs or Surplus

			Water Supply Needs or Surplus (acre-feet per year)					
WUG Name	**County**	**Basin**	**2030**	**2040**	**2050**	**2060**	**2070**	**2080**
Manufacturing	Montgomery	San Jacinto	(924)	(1,199)	(1,418)	(1,586)	(1,724)	(1,861)
Mining	Montgomery	San Jacinto	(1)	(7)	(12)	(18)	(22)	(28)
Steam Electric Power	Montgomery	San Jacinto	(315)	(501)	(631)	(711)	(758)	(801)
Livestock	Montgomery	San Jacinto	(17)	(96)	(151)	(185)	(205)	(223)
Irrigation	Montgomery	San Jacinto	(167)	(943)	(1,485)	(1,820)	(2,019)	(2,200)
Lake Livingston WSC*	Polk	Trinity	650	663	668	672	677	681
Leggett WSC*	Polk	Trinity	0	0	0	0	0	0
Livingston	Polk	Trinity	604	380	267	143	8	(141)
Memorial Point UD	Polk	Trinity	10	10	10	10	10	10
Moscow WSC*	Polk	Trinity	0	0	0	0	0	0
Onalaska WSC	Polk	Trinity	0	0	0	0	0	0
Providence WSC	Polk	Trinity	0	0	0	0	0	0
Soda WSC*	Polk	Trinity	0	0	0	0	0	0
Tempe WSC 1	Polk	Trinity	0	0	0	0	0	0
County-Other*	Polk	Trinity	10	10	10	10	10	10
Manufacturing*	Polk	Trinity	8	8	8	8	8	8
Mining*	Polk	Trinity	(26)	(27)	(28)	(29)	(30)	(30)
Livestock*	Polk	Trinity	0	0	0	0	0	0
Irrigation*	Polk	Trinity	0	0	0	0	0	0
Dodge Oakhurst WSC	San Jacinto	San Jacinto	0	0	0	0	0	0
Mercy WSC	San Jacinto	San Jacinto	0	0	0	0	0	0
One Five O WSC	San Jacinto	San Jacinto	0	0	0	0	0	0
P B & S C WSC	San Jacinto	San Jacinto	0	0	0	0	0	0
San Jacinto SUD	San Jacinto	San Jacinto	0	0	0	0	0	0
County-Other	San Jacinto	San Jacinto	0	0	0	0	0	0
Manufacturing	San Jacinto	San Jacinto	0	0	0	0	0	0
Mining	San Jacinto	San Jacinto	0	0	0	0	0	0
Livestock	San Jacinto	San Jacinto	0	0	0	0	0	0
Irrigation	San Jacinto	San Jacinto	0	0	0	0	0	0
Cape Royale UD	San Jacinto	Trinity	0	0	0	0	0	0
Dodge Oakhurst WSC	San Jacinto	Trinity	0	0	0	0	0	0
Lake Livingston WSC*	San Jacinto	Trinity	233	222	214	206	197	189
P B & S C WSC	San Jacinto	Trinity	0	0	0	0	0	0
Riverside SUD	San Jacinto	Trinity	0	0	0	0	0	0

*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) Needs or Surplus

			Water Supply Needs or Surplus (acre-feet per year)					
WUG Name	**County**	**Basin**	**2030**	**2040**	**2050**	**2060**	**2070**	**2080**
San Jacinto SUD	San Jacinto	Trinity	0	0	0	0	0	0
Shepherd	San Jacinto	Trinity	0	0	0	0	0	0
Waterwood MUD 1	San Jacinto	Trinity	224	224	224	224	224	224
County-Other	San Jacinto	Trinity	0	0	0	0	0	(4)
Mining	San Jacinto	Trinity	(25)	(25)	(25)	(25)	(25)	(25)
Livestock	San Jacinto	Trinity	0	0	0	0	0	0
Irrigation	San Jacinto	Trinity	100	100	100	100	100	100
Glendale WSC	Trinity	Trinity	0	0	0	0	0	0
Groveton*	Trinity	Trinity	0	0	0	0	0	0
Pennington WSC*	Trinity	Trinity	0	0	0	0	0	0
Trinity	Trinity	Trinity	524	547	567	581	595	610
Trinity Rural WSC	Trinity	Trinity	383	410	434	446	460	475
Westwood Shores MUD	Trinity	Trinity	15	23	30	35	40	45
County-Other*	Trinity	Trinity	511	511	511	511	511	511
Mining*	Trinity	Trinity	0	0	0	0	0	0
Livestock*	Trinity	Trinity	0	0	0	0	0	0
Irrigation*	Trinity	Trinity	0	0	0	0	0	0
Dodge Oakhurst WSC	Walker	San Jacinto	0	0	(15)	(47)	(94)	(158)
Huntsville	Walker	San Jacinto	0	0	0	(96)	(1,590)	(3,216)
New Waverly	Walker	San Jacinto	0	0	0	0	0	0
One Five O WSC	Walker	San Jacinto	0	0	0	0	0	0
Phelps SUD	Walker	San Jacinto	0	0	0	0	0	0
Quadvest*	Walker	San Jacinto	0	0	0	0	0	0
Walker County SUD	Walker	San Jacinto	(37)	(40)	(42)	(44)	(46)	(47)
County-Other	Walker	San Jacinto	0	0	0	0	0	0
Manufacturing	Walker	San Jacinto	0	0	0	0	0	0
Livestock	Walker	San Jacinto	0	0	0	0	0	0
Irrigation	Walker	San Jacinto	0	0	0	0	0	0
Dodge Oakhurst WSC	Walker	Trinity	0	0	(20)	(63)	(125)	(209)
Huntsville	Walker	Trinity	0	0	0	(19)	(304)	(615)
Lake Livingston WSC*	Walker	Trinity	13	12	12	11	10	8
Phelps SUD	Walker	Trinity	0	0	0	0	0	0
Riverside SUD	Walker	Trinity	0	0	0	0	0	0
Trinity Rural WSC	Walker	Trinity	8	5	2	3	3	3
Walker County SUD	Walker	Trinity	0	0	0	0	0	0

*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) Needs or Surplus

			Water Supply Needs or Surplus (acre-feet per year)					
WUG Name	**County**	**Basin**	**2030**	**2040**	**2050**	**2060**	**2070**	**2080**
County-Other	Walker	Trinity	(184)	(132)	(63)	0	0	0
Manufacturing	Walker	Trinity	337	337	337	337	337	337
Mining	Walker	Trinity	0	0	0	0	0	0
Livestock	Walker	Trinity	1	1	1	1	1	1
Irrigation	Walker	Trinity	1	1	1	1	1	1
Brookshire MWD	Waller	Brazos	0	0	0	0	0	0
G & W WSC*	Waller	Brazos	0	0	0	0	0	0
Hempstead	Waller	Brazos	0	0	0	0	0	0
Pattison WSC	Waller	Brazos	0	0	0	0	0	0
Prairie View	Waller	Brazos	0	0	0	0	0	0
Prairie View A&M University	Waller	Brazos	0	0	0	0	0	0
Quadvest*	Waller	Brazos	0	0	0	0	0	0
County-Other	Waller	Brazos	(205)	(582)	(1,287)	(2,176)	(3,127)	(4,154)
Manufacturing	Waller	Brazos	0	0	0	0	0	0
Mining	Waller	Brazos	0	0	0	0	0	0
Livestock	Waller	Brazos	0	0	0	0	0	0
Irrigation	Waller	Brazos	68	68	68	67	64	54
G & W WSC*	Waller	San Jacinto	0	0	0	0	0	0
Katy	Waller	San Jacinto	0	0	0	0	0	0
North Fort Bend Water Authority	Waller	San Jacinto	(16)	(25)	(68)	(75)	(79)	(79)
Oak Hollow Utility	Waller	San Jacinto	0	0	0	0	0	0
Prairie View	Waller	San Jacinto	0	0	0	0	0	0
Prairie View A&M University	Waller	San Jacinto	0	0	0	0	0	0
Quadvest*	Waller	San Jacinto	0	0	0	0	0	0
Waller	Waller	San Jacinto	0	0	0	0	0	0
Willow Creek Farms MUD	Waller	San Jacinto	0	0	0	0	0	0
County-Other	Waller	San Jacinto	(338)	(698)	(1,373)	(2,226)	(3,137)	(4,119)
Manufacturing	Waller	San Jacinto	16	16	16	16	16	16
Livestock	Waller	San Jacinto	0	0	0	0	0	0
Irrigation	Waller	San Jacinto	0	0	0	0	0	0

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

Table ES-A6 – Water Efficiency Savings by Municipal WUG[1, 2]

Primary Region	Split Region	Water User Group	County	Basin	Type	Water Efficiency Savings (gpcd)					
						2030	2040	2050	2060	2070	2080
H	H	Alvin	Brazoria	San Jacinto-Brazos	Municipal	4.46	5.01	5.01	5.01	5.01	5.01
H	H	Ames Minglewood WSC	Liberty	Trinity	Municipal	4.69	5.21	5.21	5.21	5.21	5.21
H	H	Anahuac	Chambers	Neches-Trinity	Municipal	4.65	5.13	5.13	5.13	5.13	5.13
H	H	Anahuac	Chambers	Trinity	Municipal	4.65	5.13	5.13	5.13	5.13	5.13
H	H	Angleton	Brazoria	San Jacinto-Brazos	Municipal	4.60	5.11	5.11	5.11	5.11	5.11
H	H	Austin County WSC	Austin	Brazos	Municipal	4.89	5.58	5.58	5.58	5.58	5.58
H	H	Austin County WSC	Austin	Brazos-Colorado	Municipal	4.89	5.58	5.58	5.58	5.58	5.58
H	H	Bacliff MUD	Galveston	San Jacinto-Brazos	Municipal	4.34	4.84	4.84	4.84	4.84	4.84
H	H	Baker Road MUD	Harris	San Jacinto	Municipal	4.57	5.37	5.37	5.37	5.37	5.37
H	H	Baybrook MUD 1	Harris	San Jacinto-Brazos	Municipal	4.66	5.26	5.26	5.26	5.26	5.26
H	H	Baytown	Chambers	Trinity	Municipal	4.55	5.14	5.14	5.14	5.14	5.14
H	H	Baytown	Chambers	Trinity-San Jacinto	Municipal	4.55	5.14	5.14	5.14	5.14	5.14
H	H	Baytown	Harris	San Jacinto	Municipal	4.55	5.14	5.14	5.14	5.14	5.14
H	H	Baytown	Harris	Trinity-San Jacinto	Municipal	4.55	5.14	5.14	5.14	5.14	5.14
H	H	Bayview MUD	Galveston	San Jacinto-Brazos	Municipal	4.40	4.98	4.98	4.98	4.98	4.98
H	H	Bellaire	Harris	San Jacinto	Municipal	4.60	5.21	5.21	5.21	5.21	5.21
H	H	Bellville	Austin	Brazos	Municipal	4.86	5.44	5.44	5.44	5.44	5.44
H	H	Blaketree MUD 1 of Montgomery County	Montgomery	San Jacinto	Municipal	3.77	4.35	4.35	4.35	4.35	4.35
H	H	Blue Bell Manor Utility	Harris	San Jacinto	Municipal	4.56	5.13	5.13	5.13	5.13	5.13
H	H	Blue Ridge West MUD	Fort Bend	San Jacinto	Municipal	4.55	4.89	4.89	4.89	4.89	4.89
H	H	Bolivar Peninsula SUD	Galveston	Neches-Trinity	Municipal	1.00	1.00	1.00	1.00	1.00	1.00
H	H	Brazoria	Brazoria	Brazos	Municipal	4.81	5.37	5.37	5.37	5.37	5.37
H	H	Brazoria	Brazoria	Brazos-Colorado	Municipal	4.81	5.37	5.37	5.37	5.37	5.37
H	H	Brazoria County FWSD 1	Brazoria	Brazos	Municipal	4.35	4.92	4.92	4.92	4.92	4.92
H	H	Brazoria County FWSD 1	Brazoria	Brazos-Colorado	Municipal	4.35	4.92	4.92	4.92	4.92	4.92
H	H	Brazoria County MUD 2	Brazoria	San Jacinto-Brazos	Municipal	4.50	5.08	5.08	5.08	5.08	5.08

Primary Region	Split Region	Water User Group	County	Basin	Type	Water Efficiency Savings (gpcd)					
						2030	2040	2050	2060	2070	2080
H	H	Brazoria County MUD 21	Brazoria	San Jacinto-Brazos	Municipal	4.14	4.74	4.74	4.74	4.74	4.74
H	H	Brazoria County MUD 22	Brazoria	San Jacinto-Brazos	Municipal	3.14	3.47	3.47	3.47	3.47	3.47
H	H	Brazoria County MUD 25	Brazoria	San Jacinto-Brazos	Municipal	3.86	4.36	4.36	4.36	4.36	4.36
H	H	Brazoria County MUD 29	Brazoria	San Jacinto-Brazos	Municipal	3.53	3.95	3.95	3.95	3.95	3.95
H	H	Brazoria County MUD 3	Brazoria	San Jacinto-Brazos	Municipal	4.76	5.51	5.51	5.51	5.51	5.51
H	H	Brazoria County MUD 31	Brazoria	San Jacinto-Brazos	Municipal	3.08	3.39	3.39	3.39	3.39	3.39
H	H	Brazoria County MUD 39	Brazoria	San Jacinto-Brazos	Municipal	3.04	3.36	3.36	3.36	3.36	3.36
H	H	Brazoria County MUD 55	Brazoria	San Jacinto-Brazos	Municipal	3.08	3.44	3.44	3.44	3.44	3.44
H	H	Brazoria County MUD 6	Brazoria	San Jacinto-Brazos	Municipal	4.57	5.33	5.33	5.33	5.33	5.33
H	H	Brookshire MWD	Waller	Brazos	Municipal	4.44	4.98	4.98	4.98	4.98	4.98
H	H	Buffalo	Leon	Trinity	Municipal	4.82	5.35	5.35	5.35	5.35	5.35
H	H	Bunker Hill Village	Harris	San Jacinto	Municipal	4.31	4.79	4.79	4.79	4.79	4.79
H	H	C C Water Works	Chambers	Trinity	Municipal	3.61	3.97	3.97	3.97	3.97	3.97
H	H	C C Water Works	Chambers	Trinity-San Jacinto	Municipal	3.61	3.97	3.97	3.97	3.97	3.97
H	H	Cape Royale UD	San Jacinto	Trinity	Municipal	4.85	5.33	5.33	5.33	5.33	5.33
H	H	Centerville	Leon	Trinity	Municipal	4.97	5.50	5.50	5.50	5.50	5.50
H	H	Central Harris County Regional Water Authority	Harris	San Jacinto	Municipal	4.29	4.87	4.87	4.87	4.87	4.87
H	H	Chambers County MUD 1	Chambers	Trinity-San Jacinto	Municipal	3.34	3.79	3.79	3.79	3.79	3.79
H	H	Chateau Woods MUD	Montgomery	San Jacinto	Municipal	4.07	4.52	4.52	4.52	4.52	4.52
H	H	Chimney Hill MUD	Harris	San Jacinto	Municipal	4.50	5.15	5.15	5.15	5.15	5.15
H	H	Clear Brook City MUD	Harris	San Jacinto-Brazos	Municipal	4.32	4.97	4.97	4.97	4.97	4.97
H	H	Clear Lake City Water Authority	Harris	San Jacinto-Brazos	Municipal	4.62	5.19	5.19	5.19	5.19	5.19
H	H	Cleveland	Liberty	San Jacinto	Municipal	4.86	5.49	5.49	5.49	5.49	5.49
H	H	Clute	Brazoria	San Jacinto-Brazos	Municipal	4.89	5.48	5.48	5.48	5.48	5.48
H	H	Concord-Robbins WSC	Leon	Brazos	Municipal	4.87	5.62	5.62	5.62	5.62	5.62
H	H	Concord-Robbins WSC	Leon	Trinity	Municipal	4.87	5.62	5.62	5.62	5.62	5.62
H	H	Conroe	Montgomery	San Jacinto	Municipal	4.82	5.33	5.33	5.33	5.33	5.33

Primary Region	Split Region	Water User Group	County	Basin	Type	Water Efficiency Savings (gpcd)					
						2030	2040	2050	2060	2070	2080
H	H	Conroe Resort Utilities	Montgomery	San Jacinto	Municipal	4.94	5.52	5.52	5.52	5.52	5.52
H	H	Corinthian Point MUD 2	Montgomery	San Jacinto	Municipal	4.20	4.60	4.60	4.60	4.60	4.60
H	H	Country Terrace Water	Harris	San Jacinto	Municipal	4.08	4.53	4.53	4.53	4.53	4.53
H	H	County-Other, Austin	Austin	Brazos	Municipal	4.57	5.16	5.16	5.16	5.16	5.16
H	H	County-Other, Austin	Austin	Brazos-Colorado	Municipal	4.57	5.16	5.16	5.16	5.16	5.16
H	H	County-Other, Austin	Austin	Colorado	Municipal	4.57	5.16	5.16	5.16	5.16	5.16
H	H	County-Other, Brazoria	Brazoria	Brazos	Municipal	4.53	5.12	5.12	5.12	5.12	5.12
H	H	County-Other, Brazoria	Brazoria	Brazos-Colorado	Municipal	4.53	5.12	5.12	5.12	5.12	5.12
H	H	County-Other, Brazoria	Brazoria	San Jacinto-Brazos	Municipal	4.53	5.12	5.12	5.12	5.12	5.12
H	H	County-Other, Chambers	Chambers	Neches-Trinity	Municipal	4.61	5.20	5.20	5.20	5.20	5.20
H	H	County-Other, Chambers	Chambers	Trinity	Municipal	4.61	5.20	5.20	5.20	5.20	5.20
H	H	County-Other, Chambers	Chambers	Trinity-San Jacinto	Municipal	4.61	5.20	5.20	5.20	5.20	5.20
H	H	County-Other, Fort Bend	Fort Bend	Brazos	Municipal	4.07	4.56	4.56	4.56	4.56	4.56
H	H	County-Other, Fort Bend	Fort Bend	Brazos-Colorado	Municipal	4.07	4.56	4.56	4.56	4.56	4.56
H	H	County-Other, Fort Bend	Fort Bend	San Jacinto	Municipal	4.07	4.56	4.56	4.56	4.56	4.56
H	H	County-Other, Fort Bend	Fort Bend	San Jacinto-Brazos	Municipal	4.07	4.56	4.56	4.56	4.56	4.56
H	H	County-Other, Galveston	Galveston	San Jacinto-Brazos	Municipal	4.88	5.37	5.37	5.37	5.37	5.37
H	H	County-Other, Harris	Harris	San Jacinto	Municipal	6.99	8.85	8.85	8.85	8.85	8.85
H	H	County-Other, Harris	Harris	San Jacinto-Brazos	Municipal	6.99	8.85	8.85	8.85	8.85	8.85
H	H	County-Other, Harris	Harris	Trinity-San Jacinto	Municipal	6.99	8.85	8.85	8.85	8.85	8.85
H	H	County-Other, Leon	Leon	Brazos	Municipal	5.35	6.03	6.03	6.03	6.03	6.03
H	H	County-Other, Leon	Leon	Trinity	Municipal	5.35	6.03	6.03	6.03	6.03	6.03
H	H	County-Other, Liberty	Liberty	Neches	Municipal	4.27	4.75	4.75	4.75	4.75	4.75
H	H	County-Other, Liberty	Liberty	Neches-Trinity	Municipal	4.27	4.75	4.75	4.75	4.75	4.75
H	H	County-Other, Liberty	Liberty	San Jacinto	Municipal	4.27	4.75	4.75	4.75	4.75	4.75
H	H	County-Other, Liberty	Liberty	Trinity	Municipal	4.27	4.75	4.75	4.75	4.75	4.75
H	H	County-Other, Liberty	Liberty	Trinity-San Jacinto	Municipal	4.27	4.75	4.75	4.75	4.75	4.75
H	H	County-Other, Madison	Madison	Brazos	Municipal	4.80	5.48	5.48	5.48	5.48	5.48

Primary Region	Split Region	Water User Group	County	Basin	Type	Water Efficiency Savings (gpcd)					
						2030	2040	2050	2060	2070	2080
H	H	County-Other, Madison	Madison	Trinity	Municipal	4.80	5.48	5.48	5.48	5.48	5.48
H	H	County-Other, Montgomery	Montgomery	San Jacinto	Municipal	3.84	4.31	4.31	4.31	4.31	4.31
H	H	County-Other, Polk	Polk	Trinity	Municipal	4.81	5.30	5.30	5.30	5.30	5.30
H	*I*	*County-Other, Polk*	*Polk*	*Neches*	*Municipal*	*4.81*	*5.30*	*5.30*	*5.30*	*5.30*	*5.30*
H	H	County-Other, San Jacinto	San Jacinto	San Jacinto	Municipal	4.63	5.18	5.18	5.18	5.18	5.18
H	H	County-Other, San Jacinto	San Jacinto	Trinity	Municipal	4.63	5.18	5.18	5.18	5.18	5.18
I	*H*	*County-Other, Trinity*	*Trinity*	*Trinity*	*Municipal*	*5.00*	*5.00*	*5.00*	*5.00*	*5.00*	*5.00*
H	H	County-Other, Walker	Walker	San Jacinto	Municipal	5.21	5.76	5.76	5.76	5.76	5.76
H	H	County-Other, Walker	Walker	Trinity	Municipal	5.21	5.76	5.76	5.76	5.76	5.76
H	H	County-Other, Waller	Waller	Brazos	Municipal	4.05	4.57	4.57	4.57	4.57	4.57
H	H	County-Other, Waller	Waller	San Jacinto	Municipal	4.05	4.57	4.57	4.57	4.57	4.57
H	H	Crosby MUD	Harris	San Jacinto	Municipal	4.34	4.92	4.92	4.92	4.92	4.92
H	H	Cut & Shoot	Montgomery	San Jacinto	Municipal	4.59	5.08	5.08	5.08	5.08	5.08
H	H	Daisetta	Liberty	Neches	Municipal	4.61	5.14	5.14	5.14	5.14	5.14
H	H	Danbury	Brazoria	San Jacinto-Brazos	Municipal	4.41	4.86	4.86	4.86	4.86	4.86
H	H	Dayton	Liberty	Trinity	Municipal	4.54	5.11	5.11	5.11	5.11	5.11
H	H	Dayton	Liberty	Trinity-San Jacinto	Municipal	4.54	5.11	5.11	5.11	5.11	5.11
H	H	Deer Park	Harris	San Jacinto	Municipal	4.62	5.26	5.26	5.26	5.26	5.26
H	H	Deer Park	Harris	San Jacinto-Brazos	Municipal	4.62	5.26	5.26	5.26	5.26	5.26
H	H	Devers	Liberty	Neches	Municipal	4.55	5.14	5.14	5.14	5.14	5.14
H	H	Devers	Liberty	Trinity	Municipal	4.55	5.14	5.14	5.14	5.14	5.14
H	*G*	*Dobbin Plantersville WSC*	*Grimes*	*Brazos*	*Municipal*	*4.34*	*4.76*	*4.76*	*4.76*	*4.76*	*4.76*
H	*G*	*Dobbin Plantersville WSC*	*Grimes*	*San Jacinto*	*Municipal*	*4.34*	*4.76*	*4.76*	*4.76*	*4.76*	*4.76*
H	H	Dobbin Plantersville WSC	Montgomery	San Jacinto	Municipal	4.34	4.76	4.76	4.76	4.76	4.76
H	H	Dodge Oakhurst WSC	San Jacinto	San Jacinto	Municipal	4.15	4.48	4.48	4.48	4.48	4.48
H	H	Dodge Oakhurst WSC	San Jacinto	Trinity	Municipal	4.15	4.48	4.48	4.48	4.48	4.48
H	H	Dodge Oakhurst WSC	Walker	San Jacinto	Municipal	4.15	4.48	4.48	4.48	4.48	4.48
H	H	Dodge Oakhurst WSC	Walker	Trinity	Municipal	4.15	4.48	4.48	4.48	4.48	4.48

Primary Region	Split Region	Water User Group	County	Basin	Type	Water Efficiency Savings (gpcd)					
						2030	2040	2050	2060	2070	2080
H	H	Domestic Water	Montgomery	San Jacinto	Municipal	4.47	4.99	4.99	4.99	4.99	4.99
H	H	Douglas Utility	Harris	San Jacinto	Municipal	4.56	5.19	5.19	5.19	5.19	5.19
H	H	East Montgomery County MUD 6	Montgomery	San Jacinto	Municipal	3.05	3.49	3.49	3.49	3.49	3.49
H	H	East Plantation UD	Montgomery	San Jacinto	Municipal	4.53	4.96	4.96	4.96	4.96	4.96
H	H	El Dorado UD	Harris	San Jacinto	Municipal	4.11	4.68	4.68	4.68	4.68	4.68
H	H	Far Hills UD	Montgomery	San Jacinto	Municipal	4.07	4.52	4.52	4.52	4.52	4.52
H	H	First Colony MUD 9	Fort Bend	Brazos	Municipal	4.67	5.13	5.13	5.13	5.13	5.13
H	H	First Colony MUD 9	Fort Bend	San Jacinto-Brazos	Municipal	4.67	5.13	5.13	5.13	5.13	5.13
H	*C*	*Flo Community WSC*	*Freestone*	*Trinity*	*Municipal*	*4.65*	*5.20*	*5.20*	*5.20*	*5.20*	*5.20*
H	H	Flo Community WSC	Leon	Trinity	Municipal	4.65	5.20	5.20	5.20	5.20	5.20
H	H	Forest Hills MUD	Harris	San Jacinto	Municipal	4.12	4.68	4.68	4.68	4.68	4.68
H	H	Fort Bend County FWSD 1	Brazoria	San Jacinto-Brazos	Municipal	3.00	3.00	3.00	3.00	3.00	3.00
H	H	Fort Bend County FWSD 1	Fort Bend	San Jacinto-Brazos	Municipal	3.00	3.00	3.00	3.00	3.00	3.00
H	H	Fort Bend County FWSD 2	Fort Bend	Brazos	Municipal	4.44	4.85	4.85	4.85	4.85	4.85
H	H	Fort Bend County FWSD 2	Fort Bend	San Jacinto	Municipal	4.44	4.85	4.85	4.85	4.85	4.85
H	H	Fort Bend County FWSD 2	Fort Bend	San Jacinto-Brazos	Municipal	4.44	4.85	4.85	4.85	4.85	4.85
H	H	Fort Bend County MUD 115	Fort Bend	Brazos	Municipal	5.09	5.92	5.92	5.92	5.92	5.92
H	H	Fort Bend County MUD 116	Fort Bend	Brazos	Municipal	4.57	5.25	5.25	5.25	5.25	5.25
H	H	Fort Bend County MUD 121	Fort Bend	Brazos	Municipal	3.82	4.56	4.56	4.56	4.56	4.56
H	H	Fort Bend County MUD 128	Fort Bend	Brazos	Municipal	2.67	3.23	3.23	3.23	3.23	3.23
H	H	Fort Bend County MUD 129	Fort Bend	Brazos	Municipal	3.96	4.71	4.71	4.71	4.71	4.71
H	H	Fort Bend County MUD 131	Fort Bend	San Jacinto-Brazos	Municipal	3.57	3.95	3.95	3.95	3.95	3.95
H	H	Fort Bend County MUD 140	Fort Bend	Brazos	Municipal	3.93	4.47	4.47	4.47	4.47	4.47
H	H	Fort Bend County MUD 149	Fort Bend	Brazos	Municipal	3.04	3.64	3.64	3.64	3.64	3.64
H	H	Fort Bend County MUD 152	Fort Bend	Brazos	Municipal	2.85	3.41	3.41	3.41	3.41	3.41
H	H	Fort Bend County MUD 155	Fort Bend	Brazos	Municipal	3.05	3.67	3.67	3.67	3.67	3.67
H	H	Fort Bend County MUD 158	Fort Bend	Brazos	Municipal	3.21	3.85	3.85	3.85	3.85	3.85
H	H	Fort Bend County MUD 162	Fort Bend	Brazos	Municipal	3.48	3.99	3.99	3.99	3.99	3.99

Primary Region	Split Region	Water User Group	County	Basin	Type	Water Efficiency Savings (gpcd)					
						2030	2040	2050	2060	2070	2080
H	H	Fort Bend County MUD 23	Fort Bend	San Jacinto-Brazos	Municipal	4.36	4.92	4.92	4.92	4.92	4.92
H	H	Fort Bend County MUD 24	Fort Bend	San Jacinto-Brazos	Municipal	3.92	4.61	4.61	4.61	4.61	4.61
H	H	Fort Bend County MUD 25	Fort Bend	Brazos	Municipal	4.12	4.61	4.61	4.61	4.61	4.61
H	H	Fort Bend County MUD 25	Fort Bend	San Jacinto-Brazos	Municipal	4.12	4.61	4.61	4.61	4.61	4.61
H	H	Fort Bend County MUD 26	Fort Bend	San Jacinto	Municipal	4.64	5.07	5.07	5.07	5.07	5.07
H	H	Fort Bend County MUD 26	Fort Bend	San Jacinto-Brazos	Municipal	4.64	5.07	5.07	5.07	5.07	5.07
H	H	Fort Bend County MUD 42	Fort Bend	San Jacinto-Brazos	Municipal	4.89	5.24	5.24	5.24	5.24	5.24
H	H	Fort Bend County MUD 46	Fort Bend	Brazos	Municipal	4.61	5.26	5.26	5.26	5.26	5.26
H	H	Fort Bend County MUD 46	Fort Bend	San Jacinto-Brazos	Municipal	4.61	5.26	5.26	5.26	5.26	5.26
H	H	Fort Bend County MUD 47	Fort Bend	San Jacinto-Brazos	Municipal	3.91	4.50	4.50	4.50	4.50	4.50
H	H	Fort Bend County MUD 48	Fort Bend	San Jacinto-Brazos	Municipal	3.80	4.28	4.28	4.28	4.28	4.28
H	H	Fort Bend County MUD 49	Fort Bend	Brazos	Municipal	4.23	4.65	4.65	4.65	4.65	4.65
H	H	Fort Bend County MUD 49	Fort Bend	San Jacinto-Brazos	Municipal	4.23	4.65	4.65	4.65	4.65	4.65
H	H	Fort Bend County MUD 5	Fort Bend	Brazos	Municipal	2.74	3.16	3.16	3.16	3.16	3.16
H	H	Fort Bend County MUD 81	Fort Bend	Brazos	Municipal	4.75	5.29	5.29	5.29	5.29	5.29
H	H	Fort Bend County WCID 2	Fort Bend	San Jacinto	Municipal	4.95	5.56	5.56	5.56	5.56	5.56
H	H	Fort Bend County WCID 2	Fort Bend	San Jacinto-Brazos	Municipal	4.95	5.56	5.56	5.56	5.56	5.56
H	H	Fort Bend County WCID 2	Harris	San Jacinto	Municipal	4.95	5.56	5.56	5.56	5.56	5.56
H	H	Fort Bend County WCID 3	Fort Bend	Brazos	Municipal	4.66	5.26	5.26	5.26	5.26	5.26
H	H	Freeport	Brazoria	Brazos	Municipal	4.52	5.18	5.18	5.18	5.18	5.18
H	H	Freeport	Brazoria	Brazos-Colorado	Municipal	4.52	5.18	5.18	5.18	5.18	5.18
H	H	Freeport	Brazoria	San Jacinto-Brazos	Municipal	4.52	5.18	5.18	5.18	5.18	5.18
H	H	Friendswood	Galveston	San Jacinto-Brazos	Municipal	4.42	4.95	4.95	4.95	4.95	4.95
H	H	Friendswood	Harris	San Jacinto-Brazos	Municipal	4.42	4.95	4.95	4.95	4.95	4.95
H	H	Fulshear	Fort Bend	Brazos	Municipal	2.91	3.38	3.38	3.38	3.38	3.38
H	H	Fulshear	Fort Bend	San Jacinto	Municipal	2.91	3.38	3.38	3.38	3.38	3.38
H	H	Fulshear	Fort Bend	San Jacinto-Brazos	Municipal	2.91	3.38	3.38	3.38	3.38	3.38
H	*G*	*G & W WSC*	*Grimes*	*Brazos*	*Municipal*	*0.00*	*0.00*	*0.00*	*0.00*	*0.00*	*0.00*

Primary Region	Split Region	Water User Group	County	Basin	Type	Water Efficiency Savings (gpcd)					
						2030	2040	2050	2060	2070	2080
H	*G*	*G & W WSC*	*Grimes*	*San Jacinto*	*Municipal*	*0.00*	*0.00*	*0.00*	*0.00*	*0.00*	*0.00*
H	H	G & W WSC	Montgomery	San Jacinto	Municipal	0.00	0.00	0.00	0.00	0.00	0.00
H	H	G & W WSC	Waller	Brazos	Municipal	0.00	0.00	0.00	0.00	0.00	0.00
H	H	G & W WSC	Waller	San Jacinto	Municipal	0.00	0.00	0.00	0.00	0.00	0.00
H	H	Galena Park	Harris	San Jacinto	Municipal	4.33	5.13	5.13	5.13	5.13	5.13
H	H	Galveston	Galveston	San Jacinto-Brazos	Municipal	4.91	5.55	5.55	5.55	5.55	5.55
H	H	Galveston County FWSD 6	Galveston	San Jacinto-Brazos	Municipal	4.58	5.35	5.35	5.35	5.35	5.35
H	H	Galveston County MUD 12	Galveston	San Jacinto-Brazos	Municipal	5.03	5.62	5.62	5.62	5.62	5.62
H	H	Galveston County WCID 1	Galveston	San Jacinto-Brazos	Municipal	4.19	4.72	4.72	4.72	4.72	4.72
H	H	Galveston County WCID 12	Galveston	San Jacinto-Brazos	Municipal	4.98	5.71	5.71	5.71	5.71	5.71
H	H	Galveston County WCID 8	Galveston	San Jacinto-Brazos	Municipal	4.61	5.28	5.28	5.28	5.28	5.28
H	H	Glendale WSC	Trinity	Trinity	Municipal	4.61	5.12	5.12	5.12	5.12	5.12
H	H	Grand Oaks MUD	Montgomery	San Jacinto	Municipal	4.52	5.13	5.13	5.13	5.13	5.13
H	H	Green Trails MUD	Harris	San Jacinto	Municipal	4.13	4.62	4.62	4.62	4.62	4.62
H	H	Greenwood UD	Harris	San Jacinto	Municipal	3.44	3.85	3.85	3.85	3.85	3.85
H	H	Groveton	Trinity	Trinity	Municipal	5.16	5.75	5.75	5.75	5.75	5.75
H	*I*	*Groveton*	*Trinity*	*Neches*	*Municipal*	*5.16*	*5.75*	*5.75*	*5.75*	*5.75*	*5.75*
H	H	Hardin WSC	Liberty	Neches	Municipal	4.42	4.92	4.92	4.92	4.92	4.92
H	H	Hardin WSC	Liberty	Trinity	Municipal	4.42	4.92	4.92	4.92	4.92	4.92
H	H	Harris County FWSD 1-A	Harris	San Jacinto	Municipal	4.29	4.75	4.75	4.75	4.75	4.75
H	H	Harris County FWSD 27	Harris	San Jacinto	Municipal	4.26	4.87	4.87	4.87	4.87	4.87
H	H	Harris County FWSD 58	Harris	San Jacinto	Municipal	4.26	4.82	4.82	4.82	4.82	4.82
H	H	Harris County MUD 106	Harris	San Jacinto	Municipal	4.85	5.63	5.63	5.63	5.63	5.63
H	H	Harris County MUD 11	Harris	San Jacinto	Municipal	3.85	4.35	4.35	4.35	4.35	4.35
H	H	Harris County MUD 119	Harris	San Jacinto	Municipal	4.44	4.98	4.98	4.98	4.98	4.98
H	H	Harris County MUD 122	Harris	San Jacinto	Municipal	4.47	5.13	5.13	5.13	5.13	5.13
H	H	Harris County MUD 132	Harris	San Jacinto	Municipal	4.72	5.40	5.40	5.40	5.40	5.40
H	H	Harris County MUD 148	Harris	San Jacinto	Municipal	3.85	4.38	4.38	4.38	4.38	4.38

Primary Region	Split Region	Water User Group	County	Basin	Type	Water Efficiency Savings (gpcd)					
						2030	2040	2050	2060	2070	2080
H	H	Harris County MUD 151	Harris	San Jacinto	Municipal	4.49	5.10	5.10	5.10	5.10	5.10
H	H	Harris County MUD 152	Harris	San Jacinto	Municipal	4.46	5.14	5.14	5.14	5.14	5.14
H	H	Harris County MUD 153	Harris	San Jacinto	Municipal	4.63	5.27	5.27	5.27	5.27	5.27
H	H	Harris County MUD 154	Harris	San Jacinto	Municipal	4.25	4.91	4.91	4.91	4.91	4.91
H	H	Harris County MUD 180	Harris	San Jacinto	Municipal	4.16	4.71	4.71	4.71	4.71	4.71
H	H	Harris County MUD 189	Harris	San Jacinto	Municipal	4.83	5.60	5.60	5.60	5.60	5.60
H	H	Harris County MUD 216	Harris	San Jacinto	Municipal	4.33	5.17	5.17	5.17	5.17	5.17
H	H	Harris County MUD 221	Harris	San Jacinto	Municipal	4.46	5.23	5.23	5.23	5.23	5.23
H	H	Harris County MUD 23	Harris	San Jacinto	Municipal	4.52	5.02	5.02	5.02	5.02	5.02
H	H	Harris County MUD 261	Harris	San Jacinto	Municipal	4.79	5.34	5.34	5.34	5.34	5.34
H	H	Harris County MUD 278	Harris	San Jacinto	Municipal	4.10	4.70	4.70	4.70	4.70	4.70
H	H	Harris County MUD 290	Harris	San Jacinto	Municipal	3.63	4.08	4.08	4.08	4.08	4.08
H	H	Harris County MUD 321	Harris	San Jacinto	Municipal	4.87	6.29	6.29	6.29	6.29	6.29
H	H	Harris County MUD 342	Harris	San Jacinto	Municipal	4.15	4.78	4.78	4.78	4.78	4.78
H	H	Harris County MUD 344	Harris	San Jacinto	Municipal	4.37	5.08	5.08	5.08	5.08	5.08
H	H	Harris County MUD 345	Harris	San Jacinto	Municipal	4.45	4.99	4.99	4.99	4.99	4.99
H	H	Harris County MUD 36	Harris	San Jacinto	Municipal	5.55	7.64	7.64	7.64	7.64	7.64
H	H	Harris County MUD 361	Harris	San Jacinto	Municipal	4.04	4.80	4.80	4.80	4.80	4.80
H	H	Harris County MUD 372	Harris	San Jacinto	Municipal	5.81	6.66	6.66	6.66	6.66	6.66
H	H	Harris County MUD 400	Harris	San Jacinto	Municipal	4.03	4.66	4.66	4.66	4.66	4.66
H	H	Harris County MUD 412	Harris	San Jacinto	Municipal	3.59	4.04	4.04	4.04	4.04	4.04
H	H	Harris County MUD 420	Harris	San Jacinto	Municipal	4.04	4.75	4.75	4.75	4.75	4.75
H	H	Harris County MUD 46	Harris	San Jacinto	Municipal	4.39	4.97	4.97	4.97	4.97	4.97
H	H	Harris County MUD 49	Harris	San Jacinto	Municipal	4.34	4.96	4.96	4.96	4.96	4.96
H	H	Harris County MUD 494	Harris	San Jacinto	Municipal	2.85	3.16	3.16	3.16	3.16	3.16
H	H	Harris County MUD 5	Harris	San Jacinto	Municipal	4.30	4.93	4.93	4.93	4.93	4.93
H	H	Harris County MUD 50	Harris	San Jacinto	Municipal	3.88	4.33	4.33	4.33	4.33	4.33
H	H	Harris County MUD 504	Harris	San Jacinto	Municipal	2.99	3.33	3.33	3.33	3.33	3.33

Primary Region	Split Region	Water User Group	County	Basin	Type	Water Efficiency Savings (gpcd)					
						2030	2040	2050	2060	2070	2080
H	H	Harris County MUD 55	Harris	San Jacinto-Brazos	Municipal	4.55	5.12	5.12	5.12	5.12	5.12
H	H	Harris County MUD 58	Harris	San Jacinto	Municipal	4.17	4.82	4.82	4.82	4.82	4.82
H	H	Harris County MUD 6	Harris	San Jacinto	Municipal	4.32	4.82	4.82	4.82	4.82	4.82
H	H	Harris County MUD 8	Harris	San Jacinto	Municipal	4.73	5.28	5.28	5.28	5.28	5.28
H	H	Harris County MUD 96	Harris	San Jacinto	Municipal	3.94	4.52	4.52	4.52	4.52	4.52
H	H	Harris County UD 14	Harris	San Jacinto	Municipal	0.00	0.00	0.00	0.00	0.00	0.00
H	H	Harris County UD 15	Harris	San Jacinto	Municipal	4.30	4.93	4.93	4.93	4.93	4.93
H	H	Harris County WCID 1	Harris	San Jacinto	Municipal	4.43	4.95	4.95	4.95	4.95	4.95
H	H	Harris County WCID 133	Harris	San Jacinto	Municipal	4.34	4.86	4.86	4.86	4.86	4.86
H	H	Harris County WCID 156	Harris	San Jacinto-Brazos	Municipal	4.80	5.60	5.60	5.60	5.60	5.60
H	H	Harris County WCID 161	Harris	San Jacinto-Brazos	Municipal	3.65	4.14	4.14	4.14	4.14	4.14
H	H	Harris County WCID 50	Harris	San Jacinto-Brazos	Municipal	4.65	5.22	5.22	5.22	5.22	5.22
H	H	Harris County WCID 70	Harris	San Jacinto	Municipal	4.03	4.65	4.65	4.65	4.65	4.65
H	H	Harris County WCID 74	Harris	San Jacinto	Municipal	4.09	4.59	4.59	4.59	4.59	4.59
H	H	Harris County WCID 89	Harris	San Jacinto-Brazos	Municipal	4.63	5.48	5.48	5.48	5.48	5.48
H	H	Harris County WCID 96	Harris	San Jacinto	Municipal	4.12	4.75	4.75	4.75	4.75	4.75
H	H	Harris County WCID-Fondren Road	Harris	San Jacinto	Municipal	4.44	4.97	4.97	4.97	4.97	4.97
H	H	Harris-Montgomery Counties MUD 386	Montgomery	San Jacinto	Municipal	3.88	4.42	4.42	4.42	4.42	4.42
H	H	Hempstead	Waller	Brazos	Municipal	4.77	5.33	5.33	5.33	5.33	5.33
H	H	High Prairie WSC	Leon	Brazos	Municipal	3.96	4.48	4.48	4.48	4.48	4.48
H	H	High Prairie WSC	Madison	Brazos	Municipal	3.96	4.48	4.48	4.48	4.48	4.48
H	H	High Prairie WSC	Madison	Trinity	Municipal	3.96	4.48	4.48	4.48	4.48	4.48
H	H	Hillcrest Village	Brazoria	San Jacinto-Brazos	Municipal	4.05	4.40	4.40	4.40	4.40	4.40
H	H	Hilltop Lakes WSC	Leon	Brazos	Municipal	4.65	5.09	5.09	5.09	5.09	5.09
H	H	Hilshire Village	Harris	San Jacinto	Municipal	4.56	5.09	5.09	5.09	5.09	5.09
H	H	Hitchcock	Galveston	San Jacinto-Brazos	Municipal	4.59	5.22	5.22	5.22	5.22	5.22
H	H	HMW SUD	Harris	San Jacinto	Municipal	4.67	5.18	5.18	5.18	5.18	5.18

Primary Region	Split Region	Water User Group	County	Basin	Type	Water Efficiency Savings (gpcd)					
						2030	2040	2050	2060	2070	2080
H	H	HMW SUD	Montgomery	San Jacinto	Municipal	4.67	5.18	5.18	5.18	5.18	5.18
H	H	Houston	Fort Bend	San Jacinto	Municipal	4.67	5.28	5.28	5.28	5.28	5.28
H	H	Houston	Fort Bend	San Jacinto-Brazos	Municipal	4.67	5.28	5.28	5.28	5.28	5.28
H	H	Houston	Harris	San Jacinto	Municipal	4.67	5.28	5.28	5.28	5.28	5.28
H	H	Houston	Harris	San Jacinto-Brazos	Municipal	4.67	5.28	5.28	5.28	5.28	5.28
H	H	Houston	Montgomery	San Jacinto	Municipal	4.67	5.28	5.28	5.28	5.28	5.28
H	H	Humble	Harris	San Jacinto	Municipal	4.98	5.81	5.81	5.81	5.81	5.81
H	H	Huntsville	Walker	San Jacinto	Municipal	4.76	5.23	5.23	5.23	5.23	5.23
H	H	Huntsville	Walker	Trinity	Municipal	4.76	5.23	5.23	5.23	5.23	5.23
H	H	Jacinto City	Harris	San Jacinto	Municipal	4.58	5.19	5.19	5.19	5.19	5.19
H	H	Jamaica Beach	Galveston	San Jacinto-Brazos	Municipal	5.09	5.63	5.63	5.63	5.63	5.63
H	H	Jersey Village	Harris	San Jacinto	Municipal	4.88	5.69	5.69	5.69	5.69	5.69
H	H	Jewett	Leon	Brazos	Municipal	4.68	5.26	5.26	5.26	5.26	5.26
H	H	Jewett	Leon	Trinity	Municipal	4.68	5.26	5.26	5.26	5.26	5.26
H	H	Johnston Water Utility	Montgomery	San Jacinto	Municipal	4.68	5.21	5.21	5.21	5.21	5.21
H	H	Katy	Fort Bend	San Jacinto	Municipal	4.30	4.86	4.86	4.86	4.86	4.86
H	H	Katy	Harris	San Jacinto	Municipal	4.30	4.86	4.86	4.86	4.86	4.86
H	H	Katy	Waller	San Jacinto	Municipal	4.30	4.86	4.86	4.86	4.86	4.86
H	H	Keenan WSC	Montgomery	San Jacinto	Municipal	4.86	5.32	5.32	5.32	5.32	5.32
H	H	Kendleton	Fort Bend	Brazos-Colorado	Municipal	5.38	5.98	5.98	5.98	5.98	5.98
H	H	Kings Manor MUD	Harris	San Jacinto	Municipal	4.34	5.09	5.09	5.09	5.09	5.09
H	H	Kings Manor MUD	Montgomery	San Jacinto	Municipal	4.34	5.09	5.09	5.09	5.09	5.09
H	H	Kirkmont MUD	Harris	San Jacinto-Brazos	Municipal	4.39	4.87	4.87	4.87	4.87	4.87
H	H	La Marque	Galveston	San Jacinto-Brazos	Municipal	4.52	5.02	5.02	5.02	5.02	5.02
H	H	La Porte	Harris	San Jacinto	Municipal	4.92	5.77	5.77	5.77	5.77	5.77
H	H	La Porte	Harris	San Jacinto-Brazos	Municipal	4.92	5.77	5.77	5.77	5.77	5.77
H	H	Lake Bonanza WSC	Montgomery	San Jacinto	Municipal	4.95	5.36	5.36	5.36	5.36	5.36
H	H	Lake Conroe Hills MUD	Montgomery	San Jacinto	Municipal	4.24	4.70	4.70	4.70	4.70	4.70

Primary Region	Split Region	Water User Group	County	Basin	Type	Water Efficiency Savings (gpcd)					
						2030	2040	2050	2060	2070	2080
H	H	Lake Jackson	Brazoria	Brazos	Municipal	4.81	5.46	5.46	5.46	5.46	5.46
H	H	Lake Jackson	Brazoria	San Jacinto-Brazos	Municipal	4.81	5.46	5.46	5.46	5.46	5.46
H	H	Lake Livingston WSC	Liberty	Trinity	Municipal	2.00	2.00	2.00	2.00	2.00	2.00
H	H	Lake Livingston WSC	Polk	Trinity	Municipal	2.00	2.00	2.00	2.00	2.00	2.00
H	H	Lake Livingston WSC	San Jacinto	Trinity	Municipal	2.00	2.00	2.00	2.00	2.00	2.00
H	H	Lake Livingston WSC	Walker	Trinity	Municipal	2.00	2.00	2.00	2.00	2.00	2.00
H	*I*	*Lake Livingston WSC*	*Hardin*	*Trinity*	*Municipal*	*2.00*	*2.00*	*2.00*	*2.00*	*2.00*	*2.00*
H	*I*	*Lake Livingston WSC*	*Polk*	*Neches*	*Municipal*	*2.00*	*2.00*	*2.00*	*2.00*	*2.00*	*2.00*
H	H	Lake MUD	Harris	San Jacinto	Municipal	3.43	3.99	3.99	3.99	3.99	3.99
H	H	Lake MUD	Harris	Trinity-San Jacinto	Municipal	3.43	3.99	3.99	3.99	3.99	3.99
H	H	Lazy River Improvement District	Montgomery	San Jacinto	Municipal	4.75	5.18	5.18	5.18	5.18	5.18
H	H	League City	Galveston	San Jacinto-Brazos	Municipal	4.35	4.89	4.89	4.89	4.89	4.89
H	H	League City	Harris	San Jacinto-Brazos	Municipal	4.35	4.89	4.89	4.89	4.89	4.89
H	H	Leggett WSC	Polk	Trinity	Municipal	4.84	5.33	5.33	5.33	5.33	5.33
H	*I*	*Leggett WSC*	*Polk*	*Neches*	*Municipal*	*4.84*	*5.33*	*5.33*	*5.33*	*5.33*	*5.33*
H	H	Liberty	Liberty	Trinity	Municipal	4.59	5.17	5.17	5.17	5.17	5.17
H	H	Liberty County FWSD 1 Hull	Liberty	Neches	Municipal	4.86	5.35	5.35	5.35	5.35	5.35
H	H	Livingston	Polk	Trinity	Municipal	4.95	5.54	5.54	5.54	5.54	5.54
H	H	Longhorn Town UD	Harris	San Jacinto	Municipal	4.70	5.51	5.51	5.51	5.51	5.51
H	H	Luce Bayou PUD	Harris	San Jacinto	Municipal	4.31	4.90	4.90	4.90	4.90	4.90
H	H	Madisonville	Madison	Trinity	Municipal	4.61	5.18	5.18	5.18	5.18	5.18
H	H	Magnolia	Montgomery	San Jacinto	Municipal	5.07	5.72	5.72	5.72	5.72	5.72
H	H	Manvel	Brazoria	San Jacinto-Brazos	Municipal	3.49	3.87	3.87	3.87	3.87	3.87
H	H	Mason Creek UD	Harris	San Jacinto	Municipal	4.45	5.02	5.02	5.02	5.02	5.02
H	H	Meadowcreek MUD	Fort Bend	San Jacinto-Brazos	Municipal	4.41	4.81	4.81	4.81	4.81	4.81
H	H	Meadows Place	Fort Bend	San Jacinto	Municipal	4.83	5.21	5.21	5.21	5.21	5.21
H	H	Meadows Place	Harris	San Jacinto	Municipal	4.83	5.21	5.21	5.21	5.21	5.21
H	H	Memorial Point UD	Polk	Trinity	Municipal	4.86	5.32	5.32	5.32	5.32	5.32

Primary Region	Split Region	Water User Group	County	Basin	Type	Water Efficiency Savings (gpcd)					
						2030	2040	2050	2060	2070	2080
H	H	Memorial Villages Water Authority	Harris	San Jacinto	Municipal	4.97	5.55	5.55	5.55	5.55	5.55
H	H	Mercy WSC	Liberty	San Jacinto	Municipal	3.64	4.07	4.07	4.07	4.07	4.07
H	H	Mercy WSC	San Jacinto	San Jacinto	Municipal	3.64	4.07	4.07	4.07	4.07	4.07
H	H	Missouri City	Fort Bend	San Jacinto-Brazos	Municipal	4.35	4.79	4.79	4.79	4.79	4.79
H	H	Mont Belvieu	Chambers	Trinity	Municipal	4.05	4.50	4.50	4.50	4.50	4.50
H	H	Mont Belvieu	Chambers	Trinity-San Jacinto	Municipal	4.05	4.50	4.50	4.50	4.50	4.50
H	H	Montgomery	Montgomery	San Jacinto	Municipal	4.57	5.16	5.16	5.16	5.16	5.16
H	H	Montgomery County MUD 105	Montgomery	San Jacinto	Municipal	3.28	3.93	3.93	3.93	3.93	3.93
H	H	Montgomery County MUD 112	Montgomery	San Jacinto	Municipal	3.15	3.76	3.76	3.76	3.76	3.76
H	H	Montgomery County MUD 115	Montgomery	San Jacinto	Municipal	3.60	4.30	4.30	4.30	4.30	4.30
H	H	Montgomery County MUD 119	Montgomery	San Jacinto	Municipal	3.05	3.70	3.70	3.70	3.70	3.70
H	H	Montgomery County MUD 126	Montgomery	San Jacinto	Municipal	3.13	3.56	3.56	3.56	3.56	3.56
H	H	Montgomery County MUD 127	Montgomery	San Jacinto	Municipal	0.00	0.00	0.00	0.00	0.00	0.00
H	H	Montgomery County MUD 137	Montgomery	San Jacinto	Municipal	3.65	4.20	4.20	4.20	4.20	4.20
H	H	Montgomery County MUD 139	Montgomery	San Jacinto	Municipal	3.41	3.90	3.90	3.90	3.90	3.90
H	H	Montgomery County MUD 15	Montgomery	San Jacinto	Municipal	3.79	4.29	4.29	4.29	4.29	4.29
H	H	Montgomery County MUD 18	Montgomery	San Jacinto	Municipal	4.92	5.50	5.50	5.50	5.50	5.50
H	H	Montgomery County MUD 19	Montgomery	San Jacinto	Municipal	5.35	5.91	5.91	5.91	5.91	5.91
H	H	Montgomery County MUD 24	Montgomery	San Jacinto	Municipal	5.88	6.29	6.29	6.29	6.29	6.29
H	H	Montgomery County MUD 56	Montgomery	San Jacinto	Municipal	4.72	5.33	5.33	5.33	5.33	5.33
H	H	Montgomery County MUD 8	Montgomery	San Jacinto	Municipal	4.44	4.93	4.93	4.93	4.93	4.93
H	H	Montgomery County MUD 83	Montgomery	San Jacinto	Municipal	5.02	5.64	5.64	5.64	5.64	5.64
H	H	Montgomery County MUD 84	Montgomery	San Jacinto	Municipal	4.48	5.00	5.00	5.00	5.00	5.00
H	H	Montgomery County MUD 88	Montgomery	San Jacinto	Municipal	3.33	4.00	4.00	4.00	4.00	4.00
H	H	Montgomery County MUD 89	Montgomery	San Jacinto	Municipal	4.46	5.12	5.12	5.12	5.12	5.12
H	H	Montgomery County MUD 9	Montgomery	San Jacinto	Municipal	4.31	4.82	4.82	4.82	4.82	4.82
H	H	Montgomery County MUD 94	Montgomery	San Jacinto	Municipal	3.82	4.39	4.39	4.39	4.39	4.39
H	H	Montgomery County MUD 95	Montgomery	San Jacinto	Municipal	3.02	3.53	3.53	3.53	3.53	3.53

Primary Region	Split Region	Water User Group	County	Basin	Type	Water Efficiency Savings (gpcd)					
						2030	2040	2050	2060	2070	2080
H	H	Montgomery County MUD 98	Montgomery	San Jacinto	Municipal	3.93	4.44	4.44	4.44	4.44	4.44
H	H	Montgomery County MUD 99	Montgomery	San Jacinto	Municipal	3.37	3.99	3.99	3.99	3.99	3.99
H	H	Montgomery County UD 2	Montgomery	San Jacinto	Municipal	4.80	5.24	5.24	5.24	5.24	5.24
H	H	Montgomery County UD 3	Montgomery	San Jacinto	Municipal	4.15	4.62	4.62	4.62	4.62	4.62
H	H	Montgomery County UD 4	Montgomery	San Jacinto	Municipal	4.87	5.31	5.31	5.31	5.31	5.31
H	H	Montgomery County WCID 1	Montgomery	San Jacinto	Municipal	4.84	5.20	5.20	5.20	5.20	5.20
H	H	Morgans Point	Harris	San Jacinto	Municipal	14.77	21.29	21.29	21.29	21.29	21.29
H	H	Morgans Point	Harris	San Jacinto-Brazos	Municipal	14.77	21.29	21.29	21.29	21.29	21.29
I	*H*	*Moscow WSC*	*Polk*	*Trinity*	*Municipal*	*4.17*	*4.84*	*4.84*	*4.84*	*4.84*	*4.84*
H	H	Mount Houston Road MUD	Harris	San Jacinto	Municipal	4.01	4.53	4.53	4.53	4.53	4.53
H	*G*	*MSEC Enterprises*	*Grimes*	*San Jacinto*	*Municipal*	*3.59*	*4.08*	*4.08*	*4.08*	*4.08*	*4.08*
H	H	MSEC Enterprises	Montgomery	San Jacinto	Municipal	3.59	4.08	4.08	4.08	4.08	4.08
H	H	Nassau Bay	Harris	San Jacinto-Brazos	Municipal	4.92	5.48	5.48	5.48	5.48	5.48
H	H	Needville	Fort Bend	Brazos	Municipal	4.96	5.37	5.37	5.37	5.37	5.37
H	H	Needville	Fort Bend	Brazos-Colorado	Municipal	4.96	5.37	5.37	5.37	5.37	5.37
H	H	New Caney MUD	Montgomery	San Jacinto	Municipal	4.28	4.76	4.76	4.76	4.76	4.76
H	H	New Waverly	Walker	San Jacinto	Municipal	5.20	5.88	5.88	5.88	5.88	5.88
H	H	Newport MUD	Harris	San Jacinto	Municipal	4.08	4.56	4.56	4.56	4.56	4.56
H	H	Nitsch and Son Utility	Harris	San Jacinto	Municipal	4.39	4.93	4.93	4.93	4.93	4.93
H	H	Normangee	Leon	Brazos	Municipal	5.03	5.55	5.55	5.55	5.55	5.55
H	H	Normangee	Leon	Trinity	Municipal	5.03	5.55	5.55	5.55	5.55	5.55
H	H	Normangee	Madison	Trinity	Municipal	5.03	5.55	5.55	5.55	5.55	5.55
H	H	North Belt UD	Harris	San Jacinto	Municipal	4.38	5.02	5.02	5.02	5.02	5.02
H	H	North Channel Water Authority	Harris	San Jacinto	Municipal	4.27	4.86	4.86	4.86	4.86	4.86
H	H	North Forest MUD	Harris	San Jacinto	Municipal	4.42	5.08	5.08	5.08	5.08	5.08
H	H	North Fort Bend Water Authority	Fort Bend	Brazos	Municipal	3.91	4.45	4.45	4.45	4.45	4.45
H	H	North Fort Bend Water Authority	Fort Bend	San Jacinto	Municipal	3.91	4.45	4.45	4.45	4.45	4.45
H	H	North Fort Bend Water Authority	Fort Bend	San Jacinto-Brazos	Municipal	3.91	4.45	4.45	4.45	4.45	4.45

Primary Region	Split Region	Water User Group	County	Basin	Type	Water Efficiency Savings (gpcd)					
						2030	2040	2050	2060	2070	2080
H	H	North Fort Bend Water Authority	Harris	San Jacinto	Municipal	3.91	4.45	4.45	4.45	4.45	4.45
H	H	North Fort Bend Water Authority	Waller	San Jacinto	Municipal	3.91	4.45	4.45	4.45	4.45	4.45
H	H	North Green MUD	Harris	San Jacinto	Municipal	4.17	4.85	4.85	4.85	4.85	4.85
H	H	North Harris County Regional Water Authority	Harris	San Jacinto	Municipal	4.37	4.96	4.96	4.96	4.96	4.96
H	H	North Harris County Regional Water Authority	Montgomery	San Jacinto	Municipal	4.37	4.96	4.96	4.96	4.96	4.96
H	H	North Zulch MUD	Madison	Brazos	Municipal	4.66	5.33	5.33	5.33	5.33	5.33
H	H	North Zulch MUD	Madison	Trinity	Municipal	4.66	5.33	5.33	5.33	5.33	5.33
H	H	Northeast Harris County MUD 1	Harris	San Jacinto	Municipal	3.30	3.68	3.68	3.68	3.68	3.68
H	H	Northwest Harris County MUD 16	Harris	San Jacinto	Municipal	4.24	4.82	4.82	4.82	4.82	4.82
H	H	Oak Hollow Utility	Waller	San Jacinto	Municipal	4.46	5.05	5.05	5.05	5.05	5.05
H	H	Oak Ridge North	Montgomery	San Jacinto	Municipal	5.23	5.77	5.77	5.77	5.77	5.77
H	H	Onalaska WSC	Polk	Trinity	Municipal	4.58	5.10	5.10	5.10	5.10	5.10
H	H	One Five O WSC	San Jacinto	San Jacinto	Municipal	4.51	4.96	4.96	4.96	4.96	4.96
H	H	One Five O WSC	Walker	San Jacinto	Municipal	4.51	4.96	4.96	4.96	4.96	4.96
H	H	Oyster Creek	Brazoria	San Jacinto-Brazos	Municipal	4.78	5.41	5.41	5.41	5.41	5.41
H	H	P B & S C WSC	San Jacinto	San Jacinto	Municipal	4.85	5.33	5.33	5.33	5.33	5.33
H	H	P B & S C WSC	San Jacinto	Trinity	Municipal	4.85	5.33	5.33	5.33	5.33	5.33
H	H	Palmer Plantation MUD 1	Fort Bend	San Jacinto-Brazos	Municipal	4.49	4.84	4.84	4.84	4.84	4.84
H	H	Palmer Plantation MUD 2	Fort Bend	San Jacinto-Brazos	Municipal	4.93	5.41	5.41	5.41	5.41	5.41
H	H	Panorama Village	Montgomery	San Jacinto	Municipal	4.73	5.09	5.09	5.09	5.09	5.09
H	H	Parkway MUD	Harris	San Jacinto	Municipal	4.58	5.26	5.26	5.26	5.26	5.26
H	H	Pasadena	Harris	San Jacinto	Municipal	4.72	5.45	5.45	5.45	5.45	5.45
H	H	Pasadena	Harris	San Jacinto-Brazos	Municipal	4.72	5.45	5.45	5.45	5.45	5.45
H	H	Pattison WSC	Waller	Brazos	Municipal	4.45	4.91	4.91	4.91	4.91	4.91
H	H	Patton Village	Montgomery	San Jacinto	Municipal	4.76	5.19	5.19	5.19	5.19	5.19
H	H	Pearland	Brazoria	San Jacinto-Brazos	Municipal	4.25	4.80	4.80	4.80	4.80	4.80
H	H	Pearland	Fort Bend	San Jacinto-Brazos	Municipal	4.25	4.80	4.80	4.80	4.80	4.80

Primary Region	Split Region	Water User Group	County	Basin	Type	Water Efficiency Savings (gpcd)					
						2030	2040	2050	2060	2070	2080
H	H	Pearland	Harris	San Jacinto-Brazos	Municipal	4.25	4.80	4.80	4.80	4.80	4.80
H	H	Pecan Grove MUD 1	Fort Bend	Brazos	Municipal	4.73	5.13	5.13	5.13	5.13	5.13
H	H	Pecan Grove MUD 1	Fort Bend	San Jacinto-Brazos	Municipal	4.73	5.13	5.13	5.13	5.13	5.13
I	*H*	*Pennington WSC*	*Trinity*	*Trinity*	*Municipal*	*4.53*	*5.10*	*5.10*	*5.10*	*5.10*	*5.10*
H	H	Phelps SUD	Walker	San Jacinto	Municipal	4.53	5.08	5.08	5.08	5.08	5.08
H	H	Phelps SUD	Walker	Trinity	Municipal	4.53	5.08	5.08	5.08	5.08	5.08
H	H	Pine Village PUD	Harris	San Jacinto	Municipal	3.78	4.20	4.20	4.20	4.20	4.20
H	H	Pinehurst Decker Prairie WSC	Montgomery	San Jacinto	Municipal	1.00	1.00	1.00	1.00	1.00	1.00
H	H	Pinewood Community	Harris	San Jacinto	Municipal	4.61	5.37	5.37	5.37	5.37	5.37
H	H	Plantation MUD	Fort Bend	Brazos	Municipal	4.53	4.87	4.87	4.87	4.87	4.87
H	H	Point Aquarius MUD	Montgomery	San Jacinto	Municipal	4.59	5.05	5.05	5.05	5.05	5.05
H	H	Porter SUD	Montgomery	San Jacinto	Municipal	0.00	0.00	0.00	0.00	0.00	0.00
H	H	Prairie View	Waller	Brazos	Municipal	5.06	5.53	5.53	5.53	5.53	5.53
H	H	Prairie View	Waller	San Jacinto	Municipal	5.06	5.53	5.53	5.53	5.53	5.53
H	H	Prairie View A&M University	Waller	Brazos	Municipal	1.00	1.00	1.00	1.00	1.00	1.00
H	H	Prairie View A&M University	Waller	San Jacinto	Municipal	1.00	1.00	1.00	1.00	1.00	1.00
H	H	Providence WSC	Polk	Trinity	Municipal	3.89	4.32	4.32	4.32	4.32	4.32
H	H	Quadvest	Brazoria	San Jacinto-Brazos	Municipal	3.85	4.31	4.31	4.31	4.31	4.31
H	H	Quadvest	Fort Bend	Brazos	Municipal	3.85	4.31	4.31	4.31	4.31	4.31
H	H	Quadvest	Harris	San Jacinto	Municipal	3.85	4.31	4.31	4.31	4.31	4.31
H	H	Quadvest	Liberty	San Jacinto	Municipal	3.85	4.31	4.31	4.31	4.31	4.31
H	H	Quadvest	Montgomery	San Jacinto	Municipal	3.85	4.31	4.31	4.31	4.31	4.31
H	H	Quadvest	Walker	San Jacinto	Municipal	3.85	4.31	4.31	4.31	4.31	4.31
H	H	Quadvest	Waller	Brazos	Municipal	3.85	4.31	4.31	4.31	4.31	4.31
H	H	Quadvest	Waller	San Jacinto	Municipal	3.85	4.31	4.31	4.31	4.31	4.31
H	*K*	*Quadvest*	*Matagorda*	*Colorado-Lavaca*	*Municipal*	*3.85*	*4.31*	*4.31*	*4.31*	*4.31*	*4.31*

Primary Region	Split Region	Water User Group	County	Basin	Type	Water Efficiency Savings (gpcd)					
						2030	2040	2050	2060	2070	2080
H	*P*	*Quadvest*	*Jackson*	*Colorado-Lavaca*	*Municipal*	*3.85*	*4.31*	*4.31*	*4.31*	*4.31*	*4.31*
H	H	Quail Valley UD	Fort Bend	San Jacinto-Brazos	Municipal	4.77	5.14	5.14	5.14	5.14	5.14
H	H	Ranch Crest Water	Montgomery	San Jacinto	Municipal	4.80	5.39	5.39	5.39	5.39	5.39
H	H	Rayford Road MUD	Montgomery	San Jacinto	Municipal	4.62	5.11	5.11	5.11	5.11	5.11
H	H	Raywood WSC	Liberty	Trinity	Municipal	4.63	5.15	5.15	5.15	5.15	5.15
H	H	Richmond	Fort Bend	Brazos	Municipal	4.68	5.10	5.10	5.10	5.10	5.10
H	H	Richwood	Brazoria	San Jacinto-Brazos	Municipal	4.19	4.65	4.65	4.65	4.65	4.65
H	H	River Plantation MUD	Montgomery	San Jacinto	Municipal	4.58	5.01	5.01	5.01	5.01	5.01
H	H	Riverside SUD	San Jacinto	Trinity	Municipal	0.00	0.00	0.00	0.00	0.00	0.00
H	H	Riverside SUD	Walker	Trinity	Municipal	0.00	0.00	0.00	0.00	0.00	0.00
H	H	Rolling Fork PUD	Harris	San Jacinto	Municipal	4.85	5.40	5.40	5.40	5.40	5.40
H	H	Roman Forest Consolidated MUD	Montgomery	San Jacinto	Municipal	4.48	4.84	4.84	4.84	4.84	4.84
H	H	Rosenberg	Fort Bend	Brazos	Municipal	4.56	5.08	5.08	5.08	5.08	5.08
H	H	Royal Valley Utilities	Fort Bend	Brazos	Municipal	3.31	3.98	3.98	3.98	3.98	3.98
H	H	Sagemeadow UD	Harris	San Jacinto-Brazos	Municipal	4.26	4.73	4.73	4.73	4.73	4.73
H	H	San Jacinto SUD	San Jacinto	San Jacinto	Municipal	4.84	5.37	5.37	5.37	5.37	5.37
H	H	San Jacinto SUD	San Jacinto	Trinity	Municipal	4.84	5.37	5.37	5.37	5.37	5.37
H	H	San Leon MUD	Galveston	San Jacinto-Brazos	Municipal	0.00	0.00	0.00	0.00	0.00	0.00
H	H	Seabrook	Harris	San Jacinto-Brazos	Municipal	4.69	5.32	5.32	5.32	5.32	5.32
H	H	Sealy	Austin	Brazos	Municipal	4.89	5.67	5.67	5.67	5.67	5.67
H	H	Sealy	Austin	Brazos-Colorado	Municipal	4.89	5.67	5.67	5.67	5.67	5.67
H	H	Sedona Lakes MUD 1	Brazoria	San Jacinto-Brazos	Municipal	3.27	3.61	3.61	3.61	3.61	3.61
H	H	Sequoia Improvement District	Harris	San Jacinto	Municipal	4.86	5.33	5.33	5.33	5.33	5.33
H	H	Shenandoah	Montgomery	San Jacinto	Municipal	6.14	7.10	7.10	7.10	7.10	7.10
H	H	Shepherd	San Jacinto	Trinity	Municipal	4.76	5.25	5.25	5.25	5.25	5.25
H	H	Shoreacres	Harris	San Jacinto-Brazos	Municipal	4.83	5.35	5.35	5.35	5.35	5.35

Primary Region	Split Region	Water User Group	County	Basin	Type	Water Efficiency Savings (gpcd)					
						2030	2040	2050	2060	2070	2080
H	H	Sienna Plantation	Fort Bend	Brazos	Municipal	3.85	4.35	4.35	4.35	4.35	4.35
H	H	Sienna Plantation	Fort Bend	San Jacinto-Brazos	Municipal	3.85	4.35	4.35	4.35	4.35	4.35
H	H	Soda WSC	Polk	Trinity	Municipal	5.21	5.67	5.67	5.67	5.67	5.67
H	*I*	*Soda WSC*	*Polk*	*Neches*	*Municipal*	*5.21*	*5.67*	*5.67*	*5.67*	*5.67*	*5.67*
H	H	South Cleveland WSC	Liberty	San Jacinto	Municipal	3.63	3.95	3.95	3.95	3.95	3.95
H	H	South Houston	Harris	San Jacinto	Municipal	4.50	5.15	5.15	5.15	5.15	5.15
H	H	Southeast WSC	Leon	Brazos	Municipal	4.58	5.18	5.18	5.18	5.18	5.18
H	H	Southeast WSC	Leon	Trinity	Municipal	4.58	5.18	5.18	5.18	5.18	5.18
H	H	Southern Montgomery County MUD	Montgomery	San Jacinto	Municipal	4.79	5.44	5.44	5.44	5.44	5.44
H	H	Southern Water	Harris	San Jacinto	Municipal	4.43	5.04	5.04	5.04	5.04	5.04
H	H	Southside Place	Harris	San Jacinto	Municipal	5.02	5.69	5.69	5.69	5.69	5.69
H	H	Southwest Harris County MUD 1	Harris	San Jacinto	Municipal	4.54	5.09	5.09	5.09	5.09	5.09
H	H	Splendora	Liberty	San Jacinto	Municipal	4.62	5.10	5.10	5.10	5.10	5.10
H	H	Splendora	Montgomery	San Jacinto	Municipal	4.62	5.10	5.10	5.10	5.10	5.10
H	H	Spring Creek UD	Montgomery	San Jacinto	Municipal	4.82	5.45	5.45	5.45	5.45	5.45
H	H	Spring Meadows MUD	Harris	San Jacinto	Municipal	3.75	4.48	4.48	4.48	4.48	4.48
H	H	Spring Meadows MUD	Harris	Trinity-San Jacinto	Municipal	3.75	4.48	4.48	4.48	4.48	4.48
H	H	Spring Valley	Harris	San Jacinto	Municipal	4.41	4.95	4.95	4.95	4.95	4.95
H	H	Stanley Lake MUD	Montgomery	San Jacinto	Municipal	4.48	5.06	5.06	5.06	5.06	5.06
H	H	Suburban Utility	Harris	San Jacinto	Municipal	4.11	4.70	4.70	4.70	4.70	4.70
H	H	Sugar Land	Fort Bend	Brazos	Municipal	4.66	5.13	5.13	5.13	5.13	5.13
H	H	Sugar Land	Fort Bend	San Jacinto	Municipal	4.66	5.13	5.13	5.13	5.13	5.13
H	H	Sugar Land	Fort Bend	San Jacinto-Brazos	Municipal	4.66	5.13	5.13	5.13	5.13	5.13
H	H	Sunbelt FWSD	Harris	San Jacinto	Municipal	4.25	4.77	4.77	4.77	4.77	4.77
H	H	Surfside Beach	Brazoria	San Jacinto-Brazos	Municipal	5.64	6.34	6.34	6.34	6.34	6.34
H	H	Sweeny	Brazoria	Brazos-Colorado	Municipal	4.58	5.09	5.09	5.09	5.09	5.09

Primary Region	Split Region	Water User Group	County	Basin	Type	Water Efficiency Savings (gpcd)					
						2030	2040	2050	2060	2070	2080
H	H	T & W Water Service	Liberty	San Jacinto	Municipal	4.14	4.66	4.66	4.66	4.66	4.66
H	H	T & W Water Service	Liberty	Trinity	Municipal	4.14	4.66	4.66	4.66	4.66	4.66
H	H	T & W Water Service	Montgomery	San Jacinto	Municipal	4.14	4.66	4.66	4.66	4.66	4.66
H	H	Tarkington SUD	Liberty	San Jacinto	Municipal	4.60	5.01	5.01	5.01	5.01	5.01
H	H	Tarkington SUD	Liberty	Trinity	Municipal	4.60	5.01	5.01	5.01	5.01	5.01
H	H	TDCJ Darrington Unit	Brazoria	San Jacinto-Brazos	Municipal	3.43	4.02	4.02	4.02	4.02	4.02
H	H	TDCJ Ferguson Unit	Madison	Trinity	Municipal	3.92	4.41	4.41	4.41	4.41	4.41
H	H	TDCJ Jester Units	Fort Bend	Brazos	Municipal	4.37	5.03	5.03	5.03	5.03	5.03
H	H	TDCJ Jester Units	Fort Bend	San Jacinto-Brazos	Municipal	4.37	5.03	5.03	5.03	5.03	5.03
H	H	TDCJ Ramsey Area	Brazoria	San Jacinto-Brazos	Municipal	4.13	4.94	4.94	4.94	4.94	4.94
H	H	Tempe WSC 1	Polk	Trinity	Municipal	4.45	4.96	4.96	4.96	4.96	4.96
H	H	Texas City	Galveston	San Jacinto-Brazos	Municipal	4.61	5.24	5.24	5.24	5.24	5.24
H	H	The Commons Water Supply	Harris	San Jacinto	Municipal	4.43	4.99	4.99	4.99	4.99	4.99
H	H	The Woodlands	Montgomery	San Jacinto	Municipal	4.98	5.48	5.48	5.48	5.48	5.48
H	H	Thunderbird UD	Fort Bend	Brazos	Municipal	4.93	5.29	5.29	5.29	5.29	5.29
H	H	Thunderbird UD	Fort Bend	San Jacinto-Brazos	Municipal	4.93	5.29	5.29	5.29	5.29	5.29
H	H	Tomball	Harris	San Jacinto	Municipal	5.10	5.90	5.90	5.90	5.90	5.90
H	H	Trail of the Lakes MUD	Harris	San Jacinto	Municipal	4.24	4.77	4.77	4.77	4.77	4.77
H	H	Trinity	Trinity	Trinity	Municipal	4.64	5.20	5.20	5.20	5.20	5.20
H	H	Trinity Bay Conservation District	Chambers	Neches-Trinity	Municipal	4.55	5.07	5.07	5.07	5.07	5.07
H	H	Trinity Bay Conservation District	Chambers	Trinity	Municipal	4.55	5.07	5.07	5.07	5.07	5.07
H	*I*	*Trinity Bay Conservation District*	*Jefferson*	*Neches-Trinity*	*Municipal*	*4.55*	*5.07*	*5.07*	*5.07*	*5.07*	*5.07*
H	H	Trinity Rural WSC	Trinity	Trinity	Municipal	4.60	5.18	5.18	5.18	5.18	5.18
H	H	Trinity Rural WSC	Walker	Trinity	Municipal	4.60	5.18	5.18	5.18	5.18	5.18
H	H	Valley Ranch MUD 1	Montgomery	San Jacinto	Municipal	4.05	4.59	4.59	4.59	4.59	4.59
H	H	Varner Creek UD	Brazoria	Brazos	Municipal	3.98	4.36	4.36	4.36	4.36	4.36

Primary Region	Split Region	Water User Group	County	Basin	Type	Water Efficiency Savings (gpcd)					
						2030	2040	2050	2060	2070	2080
H	H	Walker County SUD	Walker	San Jacinto	Municipal	4.57	5.06	5.06	5.06	5.06	5.06
H	H	Walker County SUD	Walker	Trinity	Municipal	4.57	5.06	5.06	5.06	5.06	5.06
H	H	Waller	Harris	San Jacinto	Municipal	4.92	5.58	5.58	5.58	5.58	5.58
H	H	Waller	Waller	San Jacinto	Municipal	4.92	5.58	5.58	5.58	5.58	5.58
H	H	Wallis	Austin	Brazos-Colorado	Municipal	4.74	5.27	5.27	5.27	5.27	5.27
H	H	Waterwood MUD 1	San Jacinto	Trinity	Municipal	4.38	4.88	4.88	4.88	4.88	4.88
H	H	Webster	Harris	San Jacinto-Brazos	Municipal	5.75	6.67	6.67	6.67	6.67	6.67
H	H	West Columbia	Brazoria	Brazos	Municipal	4.85	5.40	5.40	5.40	5.40	5.40
H	H	West Columbia	Brazoria	Brazos-Colorado	Municipal	4.85	5.40	5.40	5.40	5.40	5.40
H	*G*	*West End WSC*	*Washington*	*Brazos*	*Municipal*	*4.75*	*5.32*	*5.32*	*5.32*	*5.32*	*5.32*
H	H	West End WSC	Austin	Brazos	Municipal	4.75	5.32	5.32	5.32	5.32	5.32
H	H	West End WSC	Austin	Colorado	Municipal	4.75	5.32	5.32	5.32	5.32	5.32
H	*K*	*West End WSC*	*Fayette*	*Colorado*	*Municipal*	*4.75*	*5.32*	*5.32*	*5.32*	*5.32*	*5.32*
I	*H*	*West Hardin WSC*	*Liberty*	*Neches*	*Municipal*	*1.00*	*1.00*	*1.00*	*1.00*	*1.00*	*1.00*
H	H	West Harris County MUD 6	Harris	San Jacinto	Municipal	4.81	5.45	5.45	5.45	5.45	5.45
H	H	West Harris County Regional Water Authority	Fort Bend	San Jacinto	Municipal	4.26	4.85	4.85	4.85	4.85	4.85
H	H	West Harris County Regional Water Authority	Harris	San Jacinto	Municipal	4.26	4.85	4.85	4.85	4.85	4.85
H	H	West University Place	Harris	San Jacinto	Municipal	4.47	4.99	4.99	4.99	4.99	4.99
H	H	Westfield Garden Park	Harris	San Jacinto	Municipal	4.32	5.05	5.05	5.05	5.05	5.05
H	H	Westwood North WSC	Montgomery	San Jacinto	Municipal	4.52	5.06	5.06	5.06	5.06	5.06
H	H	Westwood Shores MUD	Trinity	Trinity	Municipal	4.30	4.94	4.94	4.94	4.94	4.94
H	H	White Oak WSC	Montgomery	San Jacinto	Municipal	3.31	3.84	3.84	3.84	3.84	3.84
H	H	Willis	Montgomery	San Jacinto	Municipal	4.79	5.37	5.37	5.37	5.37	5.37
H	H	Willow Creek Farms MUD	Fort Bend	San Jacinto	Municipal	2.93	3.21	3.21	3.21	3.21	3.21
H	H	Willow Creek Farms MUD	Waller	San Jacinto	Municipal	2.93	3.21	3.21	3.21	3.21	3.21
H	H	Windfern Forest Utility District	Harris	San Jacinto	Municipal	4.67	5.30	5.30	5.30	5.30	5.30

Primary Region	Split Region	Water User Group	County	Basin	Type	Water Efficiency Savings (gpcd)					
						2030	2040	2050	2060	2070	2080
H	H	Wood Branch Village	Montgomery	San Jacinto	Municipal	4.72	5.06	5.06	5.06	5.06	5.06
H	H	Wood Trace MUD 1	Montgomery	San Jacinto	Municipal	2.69	3.12	3.12	3.12	3.12	3.12
H	H	Woodcreek MUD	Harris	San Jacinto	Municipal	4.40	5.00	5.00	5.00	5.00	5.00
H	H	Woodcreek Water Of Liberty	Liberty	Trinity	Municipal	4.70	5.34	5.34	5.34	5.34	5.34
H	H	Woodland Oaks Utility	Montgomery	San Jacinto	Municipal	4.28	4.89	4.89	4.89	4.89	4.89
H	H	Woodridge MUD	Montgomery	San Jacinto	Municipal	3.46	3.96	3.96	3.96	3.96	3.96

1. The available TWDB DB27 reports do not contain a region-specific report of water efficiency savings (plumbing code savings) integrated into municipal demand projections for the 2025 Regional Water Plan. Values in this table are based upon TWDB Secure Agency Reporting Application (SARA) Report IDs 95 and 102, as well as detailed planning data provided by TWDB.
2. Entries in italics represent portions of split WUGs located outside of Region H, as well as portions of WUGs partially located inside Region H, but primarily located in another region.

APPENDIX 1-A

SELECTED BIBLIOGRAPHY BY TOPIC

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APPENDIX 2-A

WATER DEMAND FOR HYDROGEN PRODUCTION

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Appendix 2-A – Water Demand for Hydrogen Production

2-A-1. INTRODUCTION

A growing population and economy, as well as extensive water and energy resources, make Texas an attractive location for developing emerging technologies. Over the last decade, the state has seen a rapid expansion in the technology sector as well as industry diversification. Recent interest in large volume hydrogen production and other emerging industrial product sectors have generated discussion in many areas of the state. This is particularly relevant to the area along the Gulf Coast, which is home to an industrial base of international importance and located in proximity to diverse water resources. Due to the emerging nature of this market and the potential for high associated future water demands, the Region H Water Planning Group (RHWPG) undertook a preliminary literature review of issues surrounding hydrogen production. While the timing of this emerging topic and remaining uncertainty regarding demand magnitude preclude incorporation of corresponding adjustments to demand projections for the 2026 Region H Regional Water Plan (RWP), this analysis is intended to provide context on the topic and greater clarity on potential future water demands.

2-A-2. TERMINOLOGY

Although not officially regulated, a color-coding system is often used by industrial entities to indicate the pathway of hydrogen production, as explained by *Table 2A-1*. Per the International Renewable Energy Agency (IRENA), this is often referred to as the "hydrogen rainbow".

Table 2A-1 – Hydrogen Color Coding

Color Code	Production Pathway	Results in CO_2 Emissions?
Grey	Produced from natural gas using steam-methane reforming.	Yes
Brown	Produced from the gasification of fossil fuel feedstock, usually coal.	Yes
White	Produced as a byproduct of an industrial process.	Varies
Yellow	Produced by electrolysis using electricity from solar power.	Varies
Blue	Grey or brown hydrogen with carbon capture.	Yes
Turquoise	Produced by methane pyrolysis with solid carbon by-product.	Yes
Green	Produced by electrolysis using electricity from renewables.	No
Pink	Produced by electrolysis using electricity from nuclear power.	No

2-A-3. OVERVIEW OF CURRENT CONDITIONS

A recent study published by the Center for Energy Studies (CES), *Developing a Robust Hydrogen Market In Texas* (2023), discussed the current and potential future hydrogen market in Texas. According to the report, Texas is the largest producer of hydrogen in the nation, due to a well-established hydrogen industry with petrochemical feedstock as its primary end-use. With nearly 1,000 miles of hydrogen pipelines, Texas contains 64 percent of the nation's hydrogen distribution network. The majority of this hydrogen pipeline mileage is owned by a limited number of entities. The report further highlights the significant scale of current hydrogen activities in Texas. Nearly 30 percent of the nation's hydrogen facilities are housed in Texas, nearly all of which currently produce grey hydrogen (*Section 2-A-2*) either via steam-methane reforming (SMR) or as an industrial byproduct. Air Liquide, Linde, and Air Products collectively operate 42 of the 43 total Texas facilities. At the time of the study, petroleum refineries in Texas annually produced approximately two million tons per annum (MTPA) of hydrogen.

Twenty additional hydrogen production facilities are either proposed or planned, four of which are planned to produce green hydrogen and 14 to produce blue hydrogen. Texas offers substantial potential for Carbon Capture, Utilization and Storage (CCUS) with long-term storage possibilities in the state's offshore saline formations, as well as comparative advantages in blue hydrogen production due to its low-cost natural gas production, transportation, and delivery infrastructure. Hydrogen producers in Texas may take advantage of abundant wind energy for green hydrogen production. There is a potential for wind energy to be sent to refineries along the Gulf Coast though a connected power market given sufficient internal transmission capacity.

The report *Hydrogen Insights: A perspective on hydrogen investment, market development and cost competitiveness* (Hydrogen Council and McKinsey & Co, 2021), developed on behalf of the Center for Houston's Future (CHF), summarizes the current hydrogen landscape for the Houston area. The study estimates that the hydrogen market, largely based in refining along the Texas-Louisiana Gulf Coast, will increase from 3.6 million tonnes per annum (MTPA) to 21.4 MTPA market by 2050. According to the report, hydrogen exports could account for nearly half of all production. The remaining demand is estimated from a combination of needs due to industrial activities, transportation, and power and heating. However, as there are currently few exports, a substantial expansion of pipeline infrastructure will be required.

2-A-4. POLICY

The Infrastructure Investment and Jobs Act (IIJA), also known as the Bipartisan Infrastructure Law, was signed into law in November 2021 and included provisions to support the research and development of clean hydrogen and accomplish the US Department of Energy's goal of reducing the cost of hydrogen production to $1 per kilogram (kg) of hydrogen by 2031 (known as the "Hydrogen Shot").

The August 2022 enactment of the Inflation Reduction Act (IRA) strengthened the objectives of the IIJA to decarbonize energy systems, according to the CES report. The IRA outlines provisions of support for nuclear power, clean vehicles and refueling infrastructure, low-carbon hydrogen production, sustainable aviation fuels, low-carbon electricity generation, energy storage, renewable electricity, environmental justice initiatives, and carbon capture and direct air capture. Along with funding resilience measures in coastal regions and other areas, the IRA also lays out provisions that

encourage the deployment of carbon capture and the adoption of renewables in rural and agricultural communities, natural carbon dioxide (CO_2) reduction, and support for loans and grants that fund affordable housing and climate change mitigation strategies.

The U.S. Department of Energy has also established a Regional Clean Hydrogen Hubs (H2Hubs) Program to support and accelerate clean hydrogen production at a commercial scale. This program has allocated funding to support a number of hydrogen hubs, including the Gulf Coast Hydrogen Hub centered in the greater Houston area.

2-A-5. HYDROGEN

2-A-5.1. Hydrogen Production

The diverse methods available for hydrogen production allow for flexibility in its development. The CES report notes that hydrogen production can be tailored to utilize different local resources as it can be produced in variety of methods, including SMR, electrolysis, or pyrolysis.

The University of Texas at Austin together with several other organizations, published *A Framework for Hydrogen in Texas* (2024), which provided further detail on current activities regarding hydrogen production. According to the study, the most common commercial process for producing hydrogen in Texas is SMR, the high-temperature, high-pressure chemical reforming of methane with steam or oxygen, often with the aid of a catalyst, to produce hydrogen. Hydrogen is released from natural gas hydrocarbons and steam in a traditional, two-reaction SMR process. The leftover carbon and oxygen atoms combine to generate carbon dioxide, which is conventionally released into the atmosphere. At the point of conversion, production systems that use electrolysis to separate hydrogen from water (yellow, pink, and green hydrogen) do not release carbon dioxide and thus have received increased attention.

2-A-5.2. Range of Water Demand for Hydrogen Production

Although hydrogen is considered a clean energy source, pathways for producing hydrogen require sustained, long-term access to large volumes of water, which may have an impact on water availability, and limit byproduct disposal options in different regions.

The IRENA reported in *Water For Hydrogen Production* (2023) that coal gasification requires about 50 liter per kilogram (L/kg) of water and results in the consumptive use of 31 L/kg on average. This method requires approximately twice the water requirements of Proton Exchange Membrane (PEM) technology. When equipped with CCUS, the water requirements of coal gasification could increase by approximately 60 percent, reaching 80.2 L/kg and 49.4 L/kg, respectively.

Similarly, a report by the National Petroleum Council (NPC), *Harnessing Hydrogen; A Key Element of the U.S. Energy Future* (2024) noted that in a SMR process water is utilized as a reactant in both the SMR reaction and the water-gas shift reaction in the form of pressurized steam. The process necessitates approximately 4.5 kg (~1.2 gallons) of deionized water to produce 1 kg of hydrogen. However, the actual water consumption for hydrogen production can significantly vary, ranging from 5.7 to 19 kg (or 1.5 to 5 gallons) per kg of hydrogen.

The study further reported that to meet the supply for the Net Zero 2050 (NZ2050) scenario in the United States, a minimum of 125 million gallons per day (MGD) of deionized water would be necessary to produce approximately 30 MTPA of hydrogen from natural gas reforming. This estimate is based on a water-to-hydrogen ratio of 1.5 gallons per kilogram (g/kg) of hydrogen (as H_2). However, if the ratio increases to 5 g/kg of hydrogen, the water requirement could potentially exceed 500 MGD.

2-A-5.3. Water for Green Hydrogen Production

There are four key technologies that form the foundation of green hydrogen production: Anion Exchange Membrane Electrolyzer (AEM), Solid Oxide Electrolyzer Cells (SOEC), Alkaline Electrolyzers (AE), and Proton Exchange Membrane Electrolyzers (PEM) These technologies operate on the fundamental principle of the electrolyzer system, which involves the use of electricity to break down water into its constituent elements of hydrogen and oxygen, as shown in *Equation 2A-1*. However, these technologies exhibit considerable differences in terms of the technology and materials used, energy consumption, capital expenditure, and commercial scalability.

Equation 2A-1: Decomposition of Water to Hydrogen

$$2H_2O \rightarrow O_2 + 2H_2$$

According to IRENA, green hydrogen uses the least amount of water compared to other forms of clean hydrogen. *Table 2A-2*, based upon IRENA information, compares the water efficiency of green hydrogen production technologies to other methods like Steam Methane Reforming-Carbon Capture, Utilization and Storage (SMR-CCUS) and Autothermal Reforming (ATR) – CCUS.

Table 2A-2 – Water Efficiency of Hydrogen Production Technologies

Type of Hydrogen	Production Method	Average Water Consumption (L/kg)
Brown	Coal gasification	31.0
Grey	Natural gas-SMR	17.5
Blue	Coal gasification-CCUS	49.4
	Natural gas-SMR-CCUS	32.2
	Natural gas-ATR-CCUS	24.2
Green	Alkaline Electrolysis	22.3
	PEM Electrolysis	17.5

Similar research from the NPC reports that, in theory, 8.9 kg of water is required to make one kilogram of hydrogen. This equates to 8.9 liters (or 2.4 gallons) of water consumption per kilogram of produced hydrogen. The actual water requirement, however, can vary depending on additional process losses as well as the level of water treatment, which frequently has a reject stream. The water consumption for alkaline electrolyzers ranges from 9.5 L/kg to 17 L/kg, PEM electrolyzers range from 10 L/kg to 13 L/kg, and solid oxide electrolyzers range from 9.1 L/kg to 11 L/kg, per manufacturer specifications.

Considering the upper limit of the reported water consumption values (17 L/kg), the projected annual hydrogen production of approximately 52 MTPA in the NZ2050 scenario would require 640 MGD (2,400 million liters per day).

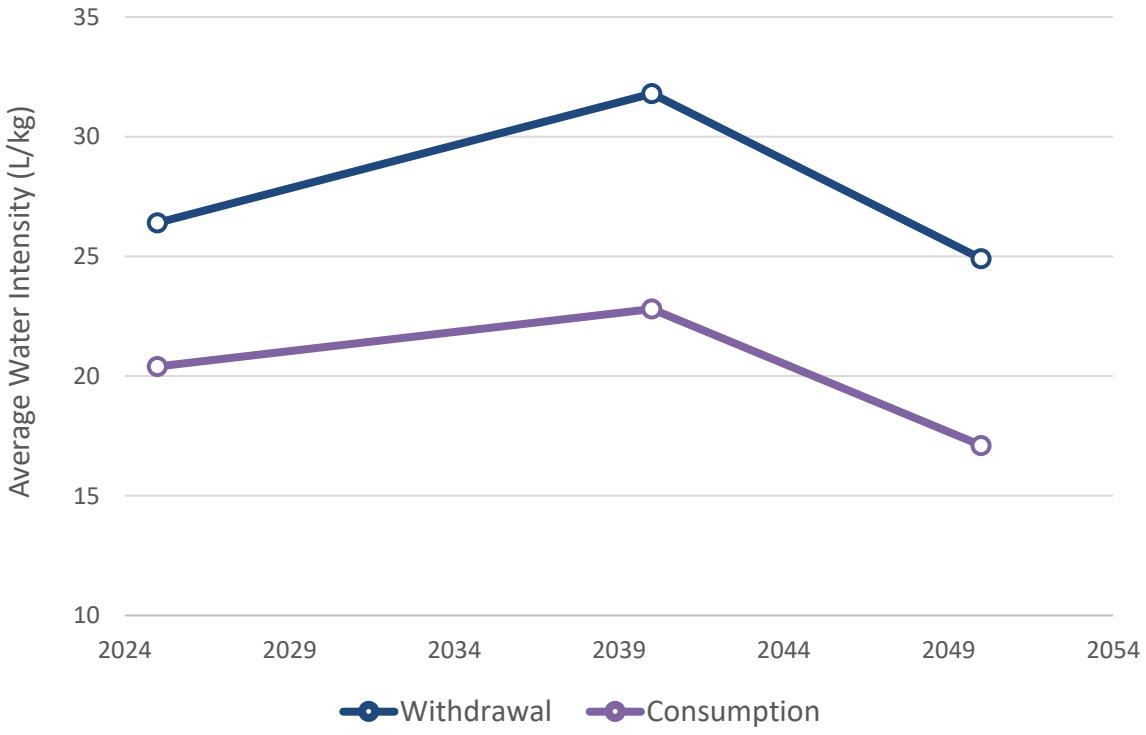
The National Renewable Energy Laboratory (NREL) released *Resource Assessment for Hydrogen Production* (2020), which indicated that water electrolysis facilities typically consume between three to four gallons of water for each kilogram of hydrogen produced. Established technologies such as SMR and coal gasification require approximately three and eight gallons per kilogram of hydrogen, respectively. Based on these figures, the production of ten million metric tons (MMT) of hydrogen through water electrolysis would necessitate the use of 29 billion gallons of water.

According to insights from the NPC study, water demand for hydrogen production can be significant and create struggles in certain regions without surplus supply. One potential strategy involves the utilization of brackish groundwater to address these supply constraints. However, this theoretically feasible approach presents a unique set of difficulties, such as the management of saline waste or the residual output from the process.

2-A-5.4. Projected Water Consumption

The IRENA report projected increasing water demand for hydrogen production through 2040, at which point demand is projected to decrease by 2050. Freshwater extraction intensity is predicted to rise from 26.4 L/kg to 31.8 L/kg between 2024 and 2040 and consumption intensity from 20.4 L/kg to 22.8 L/kg within the same time period, as shown in *Figure 2A-1*.

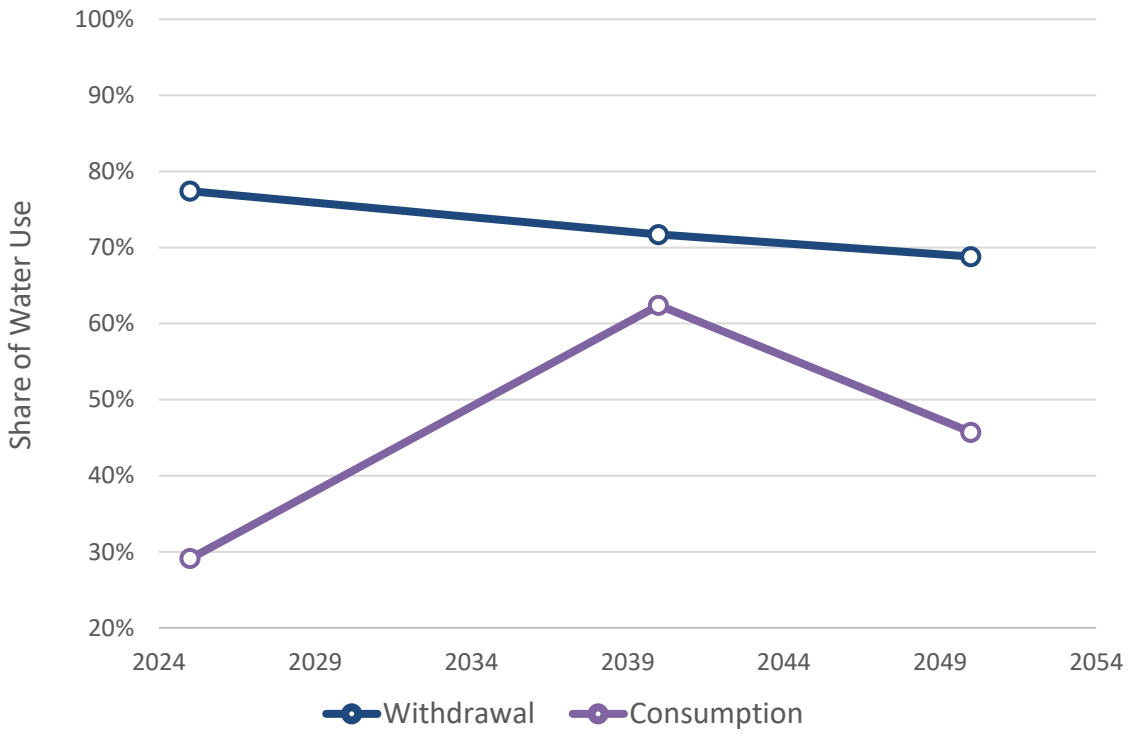
Figure 2A-1 – Projected Freshwater Intensities



This is mainly because around 80 percent of the hydrogen produced worldwide is now produced by SMR, the hydrogen production technique with the lowest water withdrawal and consumption intensities. According to the IRENA projections, blue hydrogen will account for 33 percent of the market by 2040, with green hydrogen making up the remaining portion. Even so, by 2040, the combined withdrawal and consumption intensities of green and blue hydrogen production would still be greater than those of SMR due to the growing proportions of PEM (50 percent) and ATR with Carbon Capture, Utilization, and Storage (ATR-CCUS) (50 percent).

As shown in *Figure 2A-2*, the percentage of water extraction consumptively used for cooling is now at 29 percent, but is expected to rise to 62 percent by 2040 due to the transition from SMR, which requires less cooling, to green and blue hydrogen production, which requires more cooling. Green hydrogen production is anticipated to gain a larger market share from blue hydrogen (which has very high cooling requirements due to CCUS) by 2050, which would decrease the cooling share to 46 percent for the global hydrogen production market. The consumptive portion of the total water withdrawal is also projected to decline. The primary cause for decline through 2040 is the movement to green and blue hydrogen production, which has a lower consumptive ratio to SMR production. The decline between 2040 and 2050 is mostly attributable to the general rise in fuel-to-hydrogen efficiency.

Figure 2A-2 – Projected Percentage of Water Demand for Hydrogen Production



2-A-5.5. Water Demand for Texas by 2050

Based on the water consumption intensity values provided in various reports – IRENA, NPC, NREL, and CHF - the potential water demand required for the projected hydrogen production of 21 MPTA in Texas by 2050 is calculated and shown in *Table 2A-3*. To put this figure into perspective, the water demand of 401,503 acre-feet per year (ac-ft/yr) for 21 MPTA of hydrogen produced through alkaline

electrolysis, represents approximately 14 percent of the total year 2050 projected water demand for Region H in the 2026 RWP.

Table 2A-3 – Water Demand for Projected 2050 Green Hydrogen Production

Report	Type	Water Consumption Intensity (gal/kg)	Total Water Demand per Year (MGD)	Total Water Demand (ac ft/yr)
IRENA	Electrolysis – Alkaline	6.23	358	401,503
	Electrolysis – PEM	4.62	265	297,743
	Electrolysis – SOEC	2.85	163	183,673
NPC	Electrolysis – Alkaline	4.45	256	286,788
	Electrolysis – PEM	3.43	197	221,052
	Electrolysis – SOEC	2.9	166	186,895
NREL	Wind - LTE	2.9	166	186,895
	Nuclear - HTE	1.98	113	127,604
CHF	Electrolysis	2.64	151	170,139

2-A-6. IDENTIFIED PROJECTS IN TEXAS

Various references examined by the RHWPG identified potential current or future hydrogen projects within Texas, which are listed below. It should be noted that the development of future hydrogen production in Region H and the remainder of the state will be driven by complex economic and policy factors which could influence project feasibility, timing, technologies, and size.

- GHI and Energy Estate Hydrogen City Project
- Avangrid Renewables Gulf Coast Project
- MMEX Green
- Zero Parks
- HIF USA
- Port Arthur
- Road Runner
- Plug Power - Fort Worth
- Pecos County Ultra Clean Fuels Refining
- APEX-Plug Power H2 Plant
- MMEX - Pecos, Texas
- Javelina Refinery
- ExxonMobil Baytown Petrochemical Site
- New Fortress Energy Green Hydrogen US Gulf, Phase 1 & Phase 2
- Svante Capture Linde SMR Plant
- Hydrogen City
- H_2 Plant Wilbarger County

- Linde Hydrogen Plant for OCI Fertilizer Blue Ammonia Beaumont
- Carbon Capture on Air Liquide US Gulf Coast Steam Methane Reformer Using the CryocapTM FG Process
- Clean Energy Holdings - Clear Fork, Phase 1

2-A-7. REFERENCES

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APPENDIX 2-B

REGION H POPULATION AND POPULATION DEMAND REVISION REQUEST

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August 11, 2023

Jeff Walker
Executive Administrator
Texas Water Development Board
1700 North Congress Av.
Austin, Texas 78701

Re: Region H Population and Population Demand Revision Request

Dear Mr. Walker:

The Texas Water Development Board (TWDB) has provided the Region H Water Planning Group (RHWPG) with draft population and municipal water demand projections for the 2026 Region H Regional Water Plan (RWP). Based on the First Amended General Guidelines for Development of the 2026 Regional Water Plans (Exhibit C), regional water planning groups may request revisions to these draft projections. The draft projections have been reviewed in detail by the Region's consultant team, the Region H Population Demands Committee, and the RHWPG. Based upon this review and the recommendations of the Region H Population Demands Committee, proposed revisions to the projections have been developed by the RHWPG and approved at its regular meetings on May 3, 2023, and August 2, 2023. Revision requests include the following:

- County and WUG-level population projection changes for all WUGs within nine counties, informed by a detailed local analysis of factors influencing development and population projections;
- County-level migration scenario adjustment requests in three counties;
- Baseline per capita demand changes for multiple WUGs; and
- Individual WUG-level population and demand changes based on feedback received in response to a survey of Region H WUGs.

The proposed revisions are documented in the attached summary memorandum and companion spreadsheet file. The RHWPG appreciates this opportunity to comment on draft projections for the 2026 Region H Regional Water Plan. Please feel free to contact me with any questions regarding this submittal.

Sincerely,

Philip Taucer
Project Manager

cc: Heather Rose, TWDB
Marvin Marcell, RHWPG

MEMORANDUM

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TO: Jeff Walker

CC: Heather Rose, Marvin Marcell

FROM: Philip Taucer

SUBJECT: Region H Population and Population Demand Revision Request

DATE: 8/11/2023

PROJECT: SJR21660

Introduction

The Texas Water Development Board (TWDB) has provided the Region H Water Planning Group (RHWPG) with draft population and municipal water demand projections for the 2026 Regional Water Plan (RWP). Based on the First Amended General Guidelines for Development of the 2026 Regional Water Plans (Exhibit C), regional water planning groups may request revisions to these draft projections. Exhibit C also outlines the criteria for consideration of revisions. The draft projections have been reviewed in detail by the Region's consultant team, the Region H Population Demands Committee, and the RHWPG. Based upon this review and the recommendations of the Region H Population Demands Committee, proposed revisions to the projections have been developed by the RHWPG and approved at its regular meetings on May 3, 2023, and August 2, 2023. Revision requests include the following:

- County and Water User Group (WUG)-level population projection changes for all WUGs within nine counties, informed by a detailed local analysis of factors influencing development and population projections;
- County-level migration scenario adjustment requests in three counties;
- Baseline per capita demand changes for multiple WUGs; and
- Individual WUG-level population and demand changes based on feedback received in response to a survey of Region H WUGs.

This memorandum summarizes the requested revisions to draft data, the methodologies used to identify and implement proposed changes, and associated supporting data. The following memorandum sections are structured by revision request type. In addition to the explanatory text in this document, requested revised projection values are included in a companion spreadsheet file to this memorandum following TWDB's specified format. The RHWPG appreciates this opportunity to provide recommended adjustments to the projections. If you have any questions regarding the proposed changes or would like additional supporting data, please feel free to contact me at philip.taucer@freese.com.

Population Projections in Nine Counties from the Harris-Galveston Subsidence District and Fort Bend Subsidence District 2023 Joint Regulatory Plan Review

Background

In 2013, the Harris-Galveston Subsidence District (HGSD), Fort Bend Subsidence District (FBSD), and Lone Star Groundwater Conservation District (LSGCD) completed the Regional Groundwater Update Project (RGUP). This effort included the development of detailed population projections for use in modeling water level changes and land surface subsidence as a result of projected groundwater pumping in Brazoria, Fort Bend, Galveston, Harris, and Montgomery Counties. The 2013 RGUP was designed to not only support groundwater management within the Subsidence Districts, but also to allow the RWP process for the region to reflect local conditions and planning efforts more closely. This led to TWDB adoption of RGUP population projections for the five-county urban core of the Region H Water Planning Area (RHWPA) for the 2016 RWP, marking the first approved large-scale alternative to the TWDB municipal projection methodology for RWP development. The underlying population projections were maintained for use in the 2021 Region H RWP, with TWDB implementing relevant adjustments to account for the development of new WUGs and the evolution of the planning process to focus more directly on the active retail service areas of WUGs.

HGSD and FBSD are currently engaged in a similar projection and modeling effort in the 2023 Joint Regulatory Plan Review (JRPR). The JRPR study builds upon the methodology of the RGUP, with enhancements including a study and projection period extending to the year 2100 and an expansion of the study area to 10 counties; nine of these counties are located within the RHWPA. As with the RGUP, the JRPR has produced highly detailed population projections at a fine spatial resolution for the study area. The following memorandum subsections summarize JRPR coordination with TWDB staff and the methodology utilized to adapt the detailed JRPR projections to the WUG scale for proposed use in the 2026 Region H RWP. Details of the JRPR projection methodology are included in ***Attachment A*** to this memorandum.

Projection Benefits and Summary of RWPG Request

Key benefits of the JRPR projections to the RWP process for Region H include:

- Closer alignment of projections and processes for local and regional planning;
- Availability of detailed municipal projection information at the Census block level;
- More accurate reflection of the regulatory availability of groundwater within Subsidence District counties;
- More accurate representation of planned future infrastructure projects for the regulated community;
- Facilitation of more advanced analyses of potential future strategies, including supplies such as reuse which are influenced by population density and proximity to other infrastructure; and
- Improved perspective and understanding of potential far-term strategies through the extension of the data horizon beyond that used for the RWP.

After reviewing the methodology and results, and in light of the above benefits, the RHWPG requests the use of JRPR population projections for nine counties in Region H in the 2026 Region H RWP:

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

The RHWPG voted to approve the JRPR population projections for use in the 2026 Region H RWP at a regular meeting of the planning group on May 3, 2023. The RHWPG does not request to use per capita demands from the JRPR study, as those demands do not represent the dry-year demands used in regional water planning. Requested revisions to per capita demands are addressed on an individual WUG basis later in this memorandum and do not apply to all WUGs in these nine counties.

Subsidence District and TWDB Coordination

Throughout the course of the JRPR project, HGSD and FBSD have coordinated with the RHWPG and with TWDB staff regarding the study in order to develop population projections in a manner compatible with, and intended to benefit, the RWP process. Members of the JRPR project team and staff from the Subsidence Districts met with TWDB to discuss the progress of the JRPR study and the potential for incorporation of JRPR population projections into the 2026 Region H RWP. Staff from the Texas Demographic Center (TDC) also attended some meetings. Key coordination meetings and calls were held on the following dates:

- July 23, 2020
- April 20, 2021
- October 19, 2021
- June 29, 2022
- January 19, 2023

In each of these meetings, the JRPR project team presented progress on the JRPR study, including the methodology that had been applied on work to-date. In June 2022, the team presented a comparison of county-level projections from the JRPR to projections in the 2021 RWP. Freese and Nichols (FNI) provided the final county-level projections from the JRPR to TWDB and TDC on August 11, 2022. After county-level projections from TDC were released by TWDB, these were compared to the JRPR projections at the January 2023 meeting. Additionally, at the January 2023 meeting, the JRPR project team explained the methodology used for developing projections for each Public Water System (PWS) from the tract-level projections developed by the University of Houston using the SAM-Houston model.

Adaptation of JRPR Population Projections for Use in Regional Water Planning

A detailed description of the development of population projections in the 2023 JRPR is included as ***Attachment A*** to this memorandum. The JRPR population projections were developed for decades 2030 to 2100 and were summarized at various spatial scales, including county, Census tract, Census block, and by water user service area. The water users assessed in the JRPR were primarily individual public water systems (PWS), but additional areas were defined outside of existing PWS boundaries to sub-divide non-PWS areas based on municipal extraterritorial jurisdictions, regional water authority jurisdictions, and planned developments.

The smallest spatial unit for which populations were forecasted is the intersection of water user service areas and Census blocks, which allows for straightforward aggregation at a split county-WUG level. Most WUGs in the RHWPA represent single PWS. However, some collective reporting units (CRU) include

multiple PWS. A few CRUs are unique in that they represent a jurisdictional area of a regional water authority, which includes most of the PWS in that jurisdiction which are not separated out as a unique WUG, as well as all the non-PWS area inside that jurisdiction. The tab *PWS_Utility_JRPR* within the companion spreadsheet to this memorandum shows which PWS were associated with which Region H WUGs, including comments where a change was made to some PWS which had been previously listed by TWDB as part of County-Other. Additionally, ***Figure 1***, ***Figure 2***, and ***Figure 3*** illustrate how three CRUs include non-PWS population that would otherwise be allocated to County-Other.

After applying the previously described generalized methodology to adapt block-level JRPR projections to WUGs for use in the Region H RWP, results were examined on a WUG-by-WUG basis to identify situations in which further adjustment could be needed to properly represent WUG population and growth. In some areas, manual adjustments were made to revise how block populations were allocated to WUGs. These adjustments were typically made in rapidly growing areas adjacent to undeveloped land or in situations where larger Census blocks were split across WUG boundaries. Need for adjustment was identified by reviewing the 2020 population estimated from the JRPR data to estimates from TWDB for each WUG. Population projections were adjusted for 14 named municipal WUGs.

Two of these are Texas Department of Criminal Justice (TDCJ) facilities, and population was adjusted based on historical counts and reported capacities of the units:

- TDCJ Jester Units: Adjusted to constant population of 1,521.
- TDCJ Ramsey Area: Adjusted to constant population of 3,300.

The draft projections of the other 12 adjusted WUGs were developed from JRPR data, and individual inspection indicated that alignment issues between 2020 Census block boundaries and WUG service area boundaries resulted in inaccurate estimates of 2020 population. Adjustments were made as follows:

- For all decades, shift 300 persons out of Clear Lake City Water Authority into Harris County Water Control and Improvement District (WCID) 161 to correct allocation of population in Block 2004 of Harris County Tract 340202.
- For all decades, increase population of Montgomery County Municipal Utility District (MUD) 137 by 748 persons based on review in GIS of assignment of population in two blocks that partially overlap the service area.
- For all decades, shift 320 persons from Harris County MUD 189 to adjacent WUG North Forest MUD. Difference determined based on TWDB and JRPR estimates of 2020 population.
- For all decades, adjust population of the following WUGs by the difference in the historical population estimate for 2020 between the TWDB and JRPR estimates so that the 2020 estimate matches that from TWDB:
    - Austin County WSC
    - Chambers County MUD 1
    - Fort Bend County MUD 5
    - Montgomery County MUD 56
    - Oak Hollow Utility
    - Harris County MUD 504
    - Montgomery County MUD 127
    - Montgomery County MUD 137

In each case, County-Other WUG populations were adjusted such that county total population in each decade remained consistent with the original county-level projections developed in the 2023 JRPR.

Figure 1 – North Fort Bend Water Authority (Collective Reporting Unit WUG)

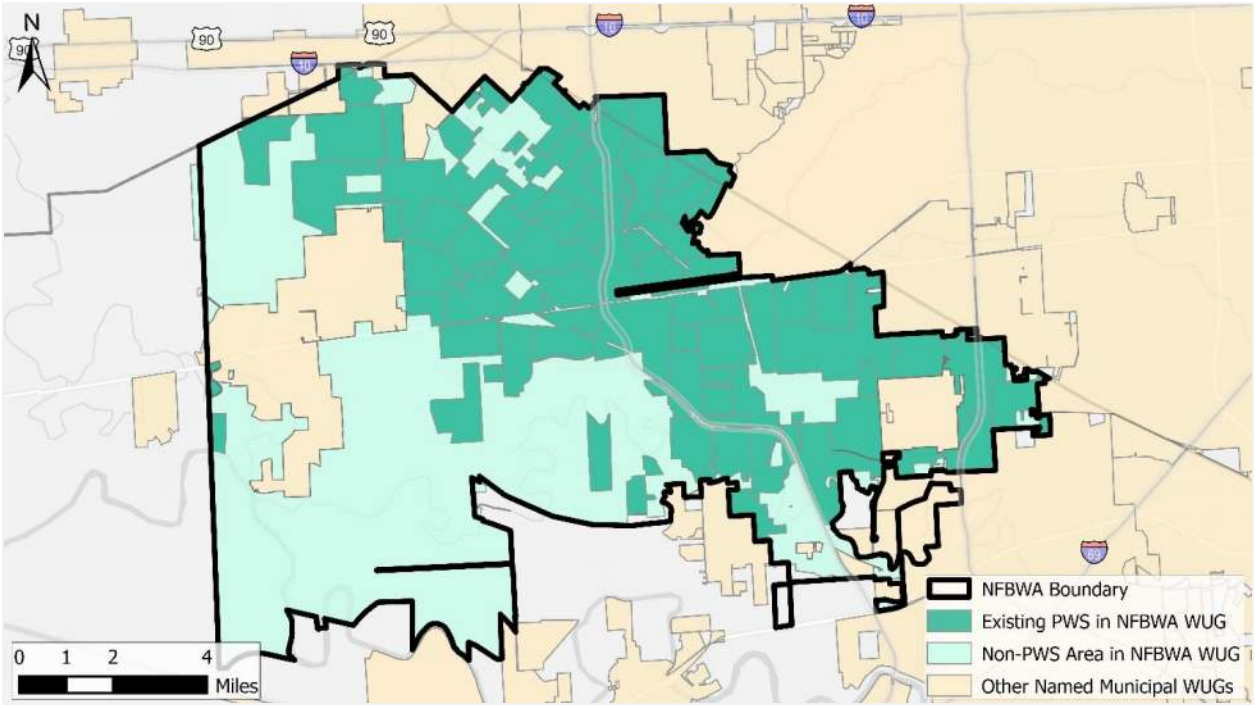


Figure 2 – North Harris County Regional Water Authority (Collective Reporting Unit WUG)

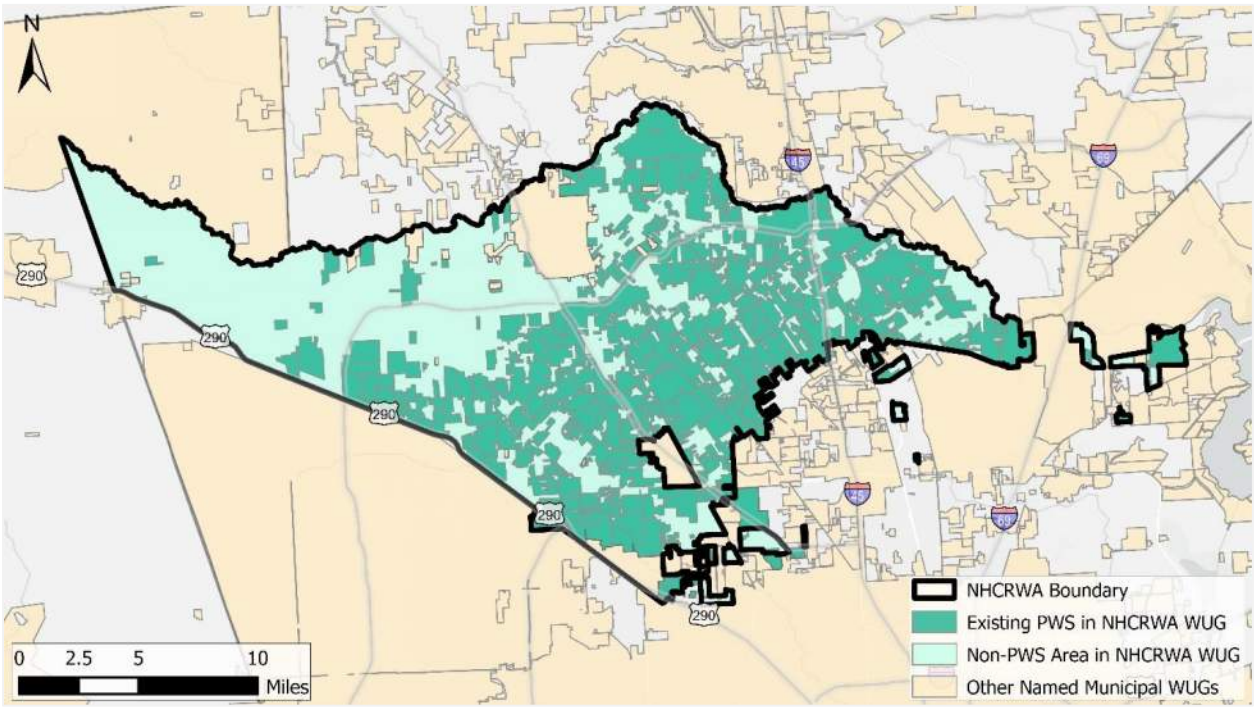
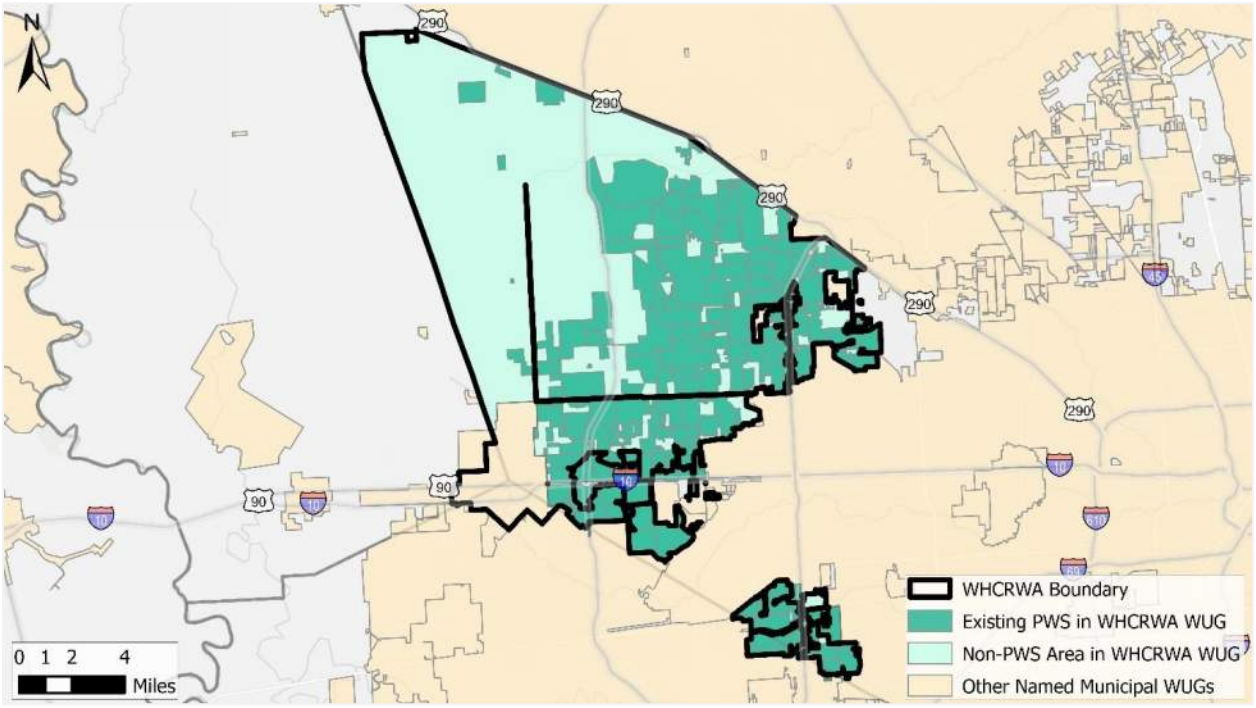


Figure 3 – West Harris County Regional Water Authority (Collective Reporting Unit WUG)



Finally, the fine spatial detail of the JRPR projections allows for aggregation at the county-basin-WUG level as well. WUG splits by county and basin were evaluated based on 2020 Census block data and based on 2050 and 2080 population projections at the highly detailed spatial resolution. For the majority of WUGs examined, basin splits of population were similar to those estimated by TWDB. In a limited number of cases, the proposed projections are expected to have more substantial growth in one basin or another. Because the percentages of population within each basin for these WUGs vary by decade in the JRPR-derived projections, the companion spreadsheet does not include a request for revised basin percentages. Once TWDB staff are ready to engage in the process of allocating 2026 RWP WUG population projections to basin splits, the RHWPG's consultant team is available to support this effort with the detailed data used to develop the proposed WUG population projections.

Impact of Requested Revisions

As with the 2016 and 2021 Region H Regional Water Plans, the revisions requested by the RHWPG for counties assessed in the JRPR include changes to the county-level projections along with individual WUGs. The requested projection revisions are compared to the 1.0 Migration Scenario Draft Projections at the county level in ***Table 1***. Individual WUG population projections and associated municipal demand projections are included in the companion spreadsheet file. In most counties, the JRPR projection falls very close to either the 0.5 or 1.0 Migration scenario or between the two. In Austin and Liberty Counties, the JRPR projection is higher than either TDC scenario, while the JRPR projection is lower than either TDC scenario in Galveston County. The total population projected for these 9 counties in each decade falls in between the two migration scenarios projected in the TWDB draft projections, being slightly closer to the 0.5 Migration scenario than the 1.0 Migration scenario.

Table 1 – Population Projections by County for JRPR Study Area

County	2026 RWP Draft Projections (1.0 Migration Scenario)						2026 RWP Revision Request					
	2030	2040	2050	2060	2070	2080	2030	2040	2050	2060	2070	2080
Austin	30,659	30,815	30,704	30,341	29,943	29,506	31,300	32,379	33,366	33,805	34,125	34,449
Brazoria	420,556	469,773	516,378	551,411	589,845	632,010	403,497	431,420	451,031	462,189	471,475	477,538
Chambers	59,552	75,681	95,898	118,066	142,386	169,067	60,631	79,788	102,555	127,668	154,853	185,792
Fort Bend	1,059,889	1,340,170	1,680,523	2,051,063	2,457,572	2,903,542	1,025,010	1,239,696	1,431,122	1,584,937	1,738,819	1,879,698
Galveston	403,844	459,869	513,814	562,605	616,132	674,855	377,403	392,019	401,517	407,589	411,701	415,342
Harris	5,226,744	5,690,363	6,054,862	6,305,659	6,580,801	6,882,652	5,193,657	5,392,541	5,547,593	5,621,183	5,671,911	5,720,523
Liberty	107,321	125,681	146,794	168,484	192,279	218,384	115,074	144,265	176,682	209,923	243,006	278,364
Montgomery	785,953	987,630	1,221,834	1,469,580	1,741,375	2,039,554	759,919	913,804	1,063,722	1,187,174	1,277,864	1,355,552
Waller	68,359	82,145	97,562	115,786	135,779	157,713	71,599	85,525	101,637	119,998	139,204	158,434

Population Projections in Remaining Counties

The TWDB-provided population projections for both 1.0 Migration and 0.5 Migration scenarios were examined for the remaining six counties (Leon, Madison, Polk, San Jacinto, Trinity, and Walker) in the RHWPA outside of the JRPR study area. These counties are located in the northern portion of the RHWPA and are characterized predominantly by low population densities and rural land uses, with some small to moderate-sized towns and cities. For Walker County, population between years 2030 and 2080 is projected to increase in both TWDB scenarios. For the remaining five counties, one or both growth scenarios show a projected decline.

In examining the projections in the available migration scenarios, the Population Demands Committee and RHWPG made several key observations:

- Based upon Census data, some of the six counties are shown to have reductions in population between years 2010 and 2020.
- There have been widespread concerns regarding the 2020 Census and the potential for populations to differ from Census values. However, at this time there is not sufficient information to confirm, identify, or quantify problems with Census values for the six northern counties in Region H.
- The long-term impacts of the COVID-19 pandemic on population and migration for these counties are currently unknown.
- Due to the focus of the RWP process on taking a conservative approach to planning for the future, use of the migration scenario with the higher projected population for each county could assist in avoiding underrepresenting potential water demands.
- Due to the lower populations in these counties relative to the more urbanized regional center, and the general abundance of available water supply in these areas, a more conservative estimate of projected population is unlikely to result in recommendation of unnecessary Water Management Strategies in the RWP.

After review, the Population Demands Committee recommended that the RHWPG consider use of the 0.5 migration scenario for northern counties with projected population declines where doing so would result in a higher projection to avoid underrepresenting demands in those areas. This recommendation applies to Leon, Madison, and Trinity Counties. The RHWPG considered the committee's recommendation at the May 3, 2023 Planning Group meeting and voted at the same meeting to request the recommended revision. The RHWPG has not recommended any changes at the county level to the projections in Polk, San Jacinto, and Walker Counties and supports retaining the 1.0 migration scenario for these areas. The migration scenarios requested for use in each county are summarized in ***Table 2***, and the requested revised population projections are compared to the 1.0 Migration Scenario Draft Projections at the county level in ***Table 3***. Note that values in the table reflect only the portions of these counties and associated WUGs located within Region H.

Table 2 – Recommended Migration Scenario for Northern Region H Counties

County	0.5 Migration Scenario	1.0 Migration Scenario
Leon	✔	
Madison	✔	
Polk		✔
San Jacinto		✔
Trinity	✔	
Walker		✔

Table 3 – Population Projections by County for Northern Region H Counties

County	2026 RWP Draft Projections (1.0 Migration Scenario)						2026 RWP Revision Request					
	2030	2040	2050	2060	2070	2080	2030	2040	2050	2060	2070	2080
Leon	14,601	13,329	12,032	10,979	9,824	8,557	14,943	14,118	13,293	12,738	12,162	11,564
Madison	13,451	13,493	13,387	13,262	13,125	12,975	13,618	13,805	13,876	13,996	14,121	14,251
Polk	49,128	53,052	54,988	57,102	59,421	61,965	49,128	53,052	54,988	57,102	59,421	61,965
San Jacinto	28,041	27,821	27,068	26,335	25,531	24,649	28,041	27,821	27,068	26,335	25,531	24,649
Trinity	10,265	9,629	8,919	8,316	7,654	6,928	10,118	9,471	8,857	8,449	8,026	7,587
Walker	91,068	97,641	108,926	122,073	136,496	152,319	91,068	97,641	108,926	122,073	136,496	152,319

Per Capita Demand Revisions for Individual WUGs

After making adjustments to population projections as described in the previous sections, the RHWPG also performed a review of each WUG's draft baseline per capita demand provided by TWDB along with resultant total projected municipal demand in comparison to historical estimates. Estimates were also made of hypothetical year 2010 and year 2020 demand for each WUG utilizing the estimated populations for those years and the baseline per capita water demand value. The results of the analysis indicated that, for a majority of WUGs, the baseline per capita demand rate was a reasonable representation of dry-year conditions. For approximately 30 percent of the municipal WUGs within the Region, the baseline per-capita demand was found to result in hypothetical 2010 and 2020 and/or projected near-future water demand not reflective of historical dry year demands or recent total demand characteristics. In examining available data for the WUGs for which the baseline per capita demand varied from historical observations, several potential contributing factors were identified.

- Baseline per capita values for the current planning cycle are based upon those for the 2021 RWP, with adjustment for projected plumbing code savings. In some cases, the value of estimated per capita demand for the reference dry year in more recent data provided by TWDB differs from the older values and may be more accurate.
- In some cases, actual savings from fixture replacement may differ from those estimated in the plumbing code savings incorporated into the baseline per capita demand.
- Much of Region H has experienced rapid but non-linear growth over the 2010-2020 period. This growth can present challenges in estimating the population in a given year, in turn impacting estimation of per capita demand.
- For new WUGs or older WUGs experiencing recent rapid growth, there can also be substantial challenges in determining if high per capita demands for some years are due to a dry year condition or are instead reflective of temporary high demands supporting new construction and turf establishment.

The Population Demands Committee recommended that the RHWPG consider requesting revisions to per capita demands for WUGs with identified issues. For approximately 55 percent the WUGs with potential issues with per capita values, it was determined that the reference dry year utilized for the baseline was

an appropriate and representative dry year, with proposed changes limited to utilizing the more recent TWDB-estimated per capita demand for the same year. In a small number of cases where there were potential issues with estimated historical populations, JRPR estimates of per-capita demand for the reference year were used instead. For the remaining approximately 45 percent of WUGs with potential issues with per capita values, it was determined that a different reference year was more indicative of conservative dry-year planning conditions. In most cases, these proposed changes also include utilizing the more recent TWDB-estimated per capita demand for the selected reference year. The RHWPG coordinated with the Region I WPG on WUGs which are split across both regions and agreed on the same recommendations for requested revisions to baseline per capita demand rates for split WUGs.

The RHWPG considered the committee's recommendation at the August 2, 2023 Planning Group meeting, and voted at the same meeting to request the recommended revisions. ***Attachment B*** to this memorandum includes a summary of all WUGs with requested revisions to the baseline per capita demand and descriptions of the basis for each recommendation. Revised baseline per capita demand values and associated revised associated municipal demand projections for individual WUGs are included in the companion spreadsheet file.

Population and Demand Revisions for Individual WUGs based on WUG Survey Feedback

In addition to RHWPG review of draft population and demand projections, WUGs in the RHWPA were given the opportunity to review draft projections and provide feedback. On May 31, 2023, the RHWPG sent customized survey links and supporting documents to each WUG in the RHWPA. The supporting data included, among other elements, draft population and demand projections. For the nine counties included in the JRPR study, the draft projections shown in the WUG survey supporting document were based on the population projections adapted from the JRPR data. For the remaining six counties, values were based upon TWDB draft projections.

The survey included the following questions regarding projections:

1. Do you have significant disagreement with and wish to make modifications to the projected population for the water users directly supplied by your entity?
2. Do you have significant disagreement with and wish to make modifications to the projected water demand for your direct retail service area?

Fourteen WUGs responded "yes" to one or both of these questions or reached out directly indicating potential disagreement with the draft projections. The RHWPG followed up with each of these WUGs individually. After discussing the data, context of the planning process, background information, and source of potential disagreement, seven of the WUGs requested changes to projections of either population, baseline per capita demand, or both. The Population Demands Committee recommended that the RHWPG consider requesting changes to projections based upon stakeholder requests and data. The RHWPG considered the committee's recommendation at the August 2, 2023 Planning Group meeting, and voted at the same meeting to request the recommended revisions.

The revisions requested by individual WUGs are summarized in ***Table 4*** and are described in the following subsections. Individual WUG revisions include revisions to WUGs both within JRPR counties and in other counties. Changes to population typically resulted in corresponding adjustments to County-Other population projections in the same county unless noted otherwise. Graphs of population and demand are included for each WUG; tabular data for each WUG is included in the companion spreadsheet file.

Table 4 – Summary of Requested Revisions Based on WUG Coordination

Manvel			✔			✔		
Montgomery County WCID 1			✔			✔		
North Zulch MUD	✔						✔	

(1) Changes may have been based on updated boundaries of a WUG service area or revised allocation of population in Census blocks that overlap multiple WUG service areas.

Central Harris County Regional Water Authority

Based on discussion with Central Harris County Regional Water Authority (CHCRWA), the draft baseline gallons per capita day (GPCD) was determined to potentially be too low for CHCRWA, resulting in slight under-representation of the WUG's dry year demands. The RHWPG recommends changing the reference year for the baseline GPCD value to 2018. After updating the calculated plumbing code savings assumed to accrue since the revised reference year, the revised baseline value is 91 GPCD. Proposed revisions for CHCRWA are summarized in ***Figure 4*** and ***Figure 5***.

Figure 4 – Population Projections for CHCRWA

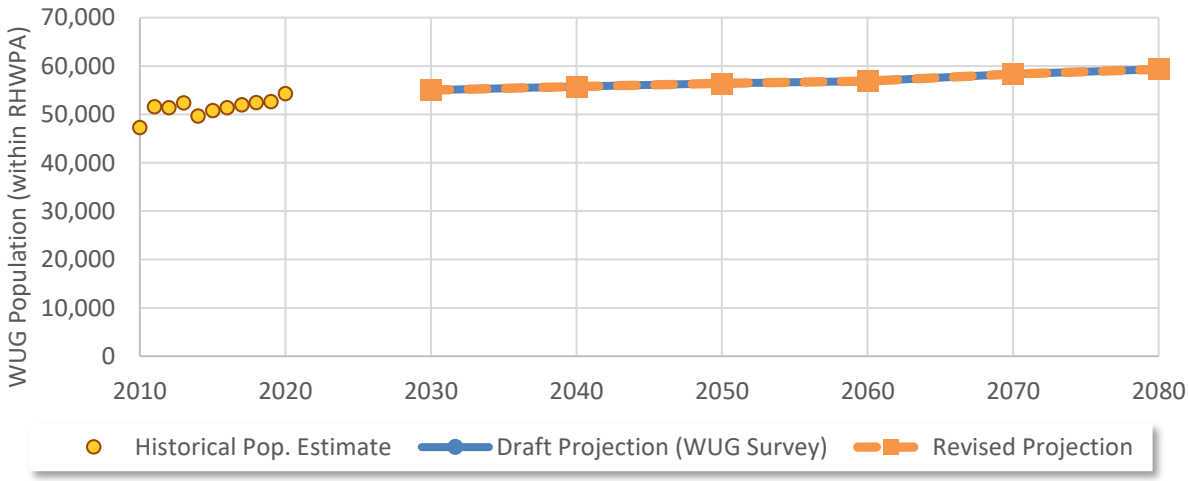
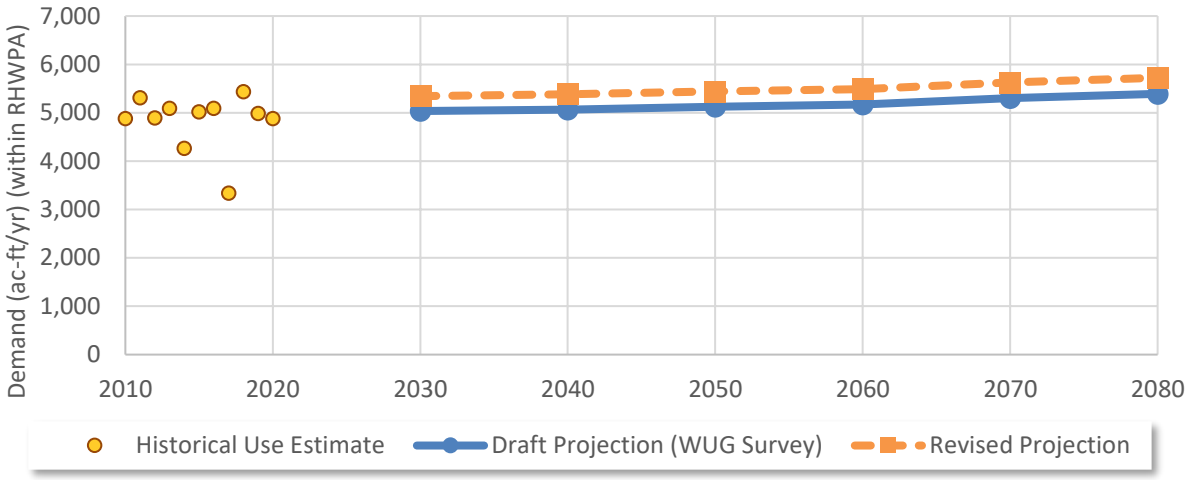


Figure 5 – Water Demand Projections for CHCRWA



Manvel

In response to the WUG survey, the City of Manvel noted that population projections appeared to not capture their full population or service area and provided an updated boundary shapefile for Manvel's retail service area. Population projections from the JRPR dataset were aggregated within this revised service area to recalculate the population projections. No other named WUGs intersect the revised service area boundary; the projected population of the County-Other WUG for Brazoria County was reduced to account for the increased population assigned to Manvel, maintaining the same overall county-scale projection as previously noted in this memorandum. Proposed revisions for Manvel are summarized in ***Figure 6*** and ***Figure 7***.

Figure 6 – Population Projections for Manvel

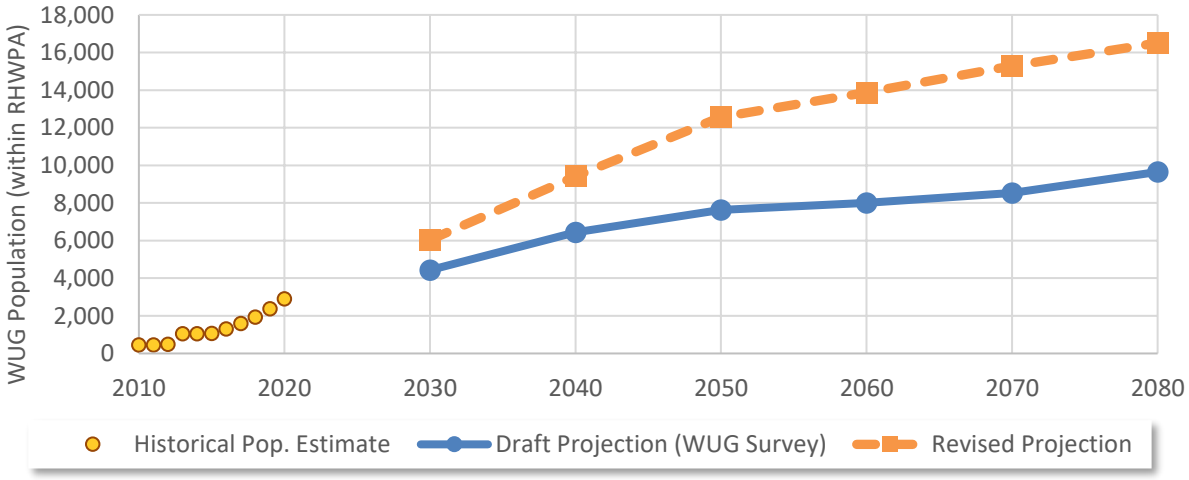
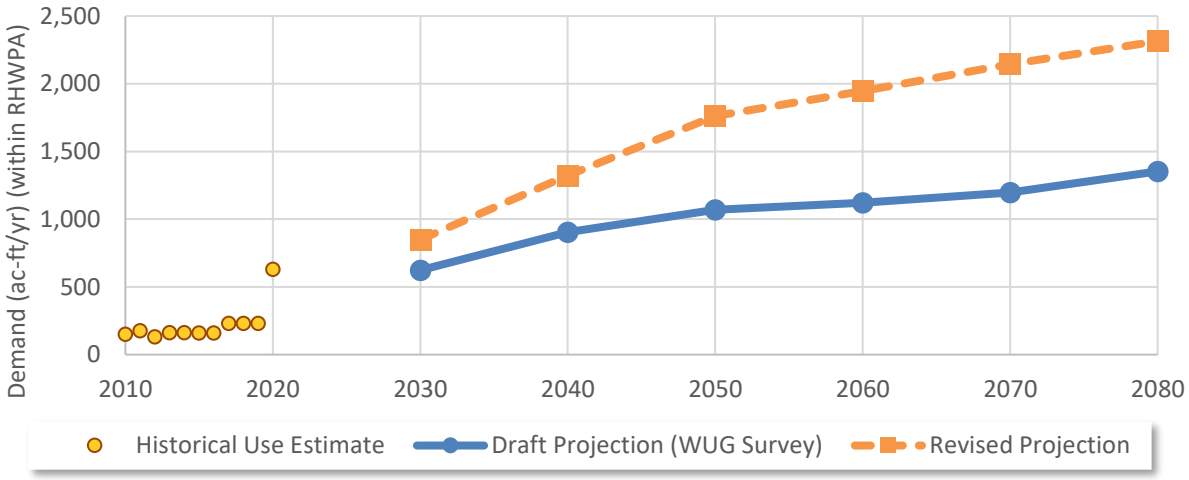


Figure 7 – Water Demand Projections for Manvel



Montgomery County MUD 139

In response to the WUG survey, Montgomery County MUD 139 noted that the corresponding draft population estimate for year 2030 was too low. The initial estimate for the 2030 population was 1,657 based on the Census population by block in 2020. The WUG currently serves 1,700 retail connections, with more expected by the end of the year. Additionally, historical Water Use Survey data confirmed that the population served was reported as 4,203 in 2021 compared to only 2,523 in 2020. Based upon data provided by the WUG regarding number of connections and household size, the projected population for year 2030 was increased to 4,390. The revised population is projected to be constant at 4,390 for the years 2030 to 2080, as the WUG reported that the undeveloped areas within the service area are unsuitable for building and would remain undeveloped. The projected population of the County-Other WUG for Montgomery County was reduced to account for the increased population assigned to Montgomery County MUD 139, maintaining the same overall county-scale projection as previously noted in this memorandum. Proposed revisions for Montgomery County MUD 139 are summarized in ***Figure 8*** and ***Figure 9***.

Figure 8 – Population Projections for Montgomery County MUD 139

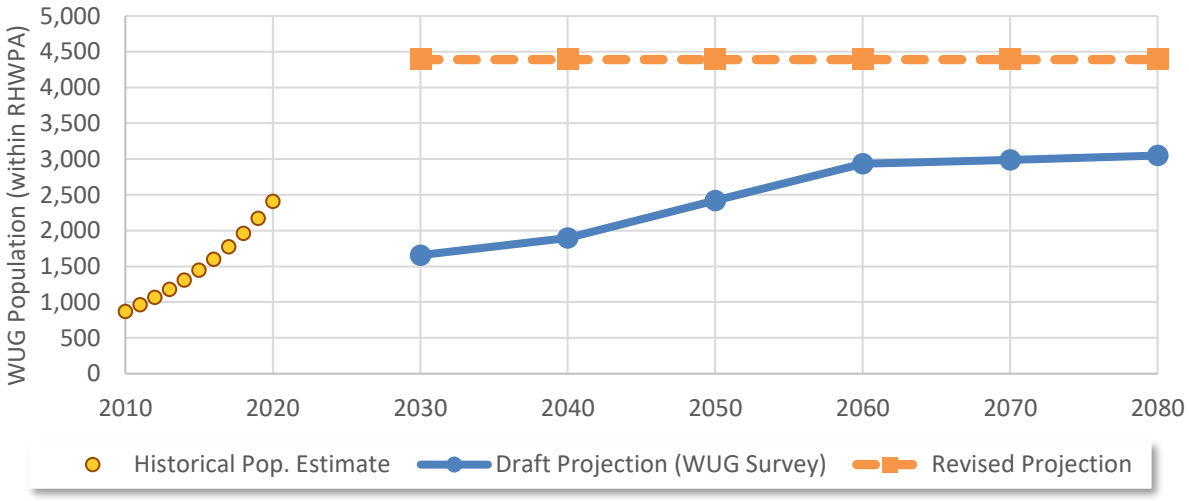
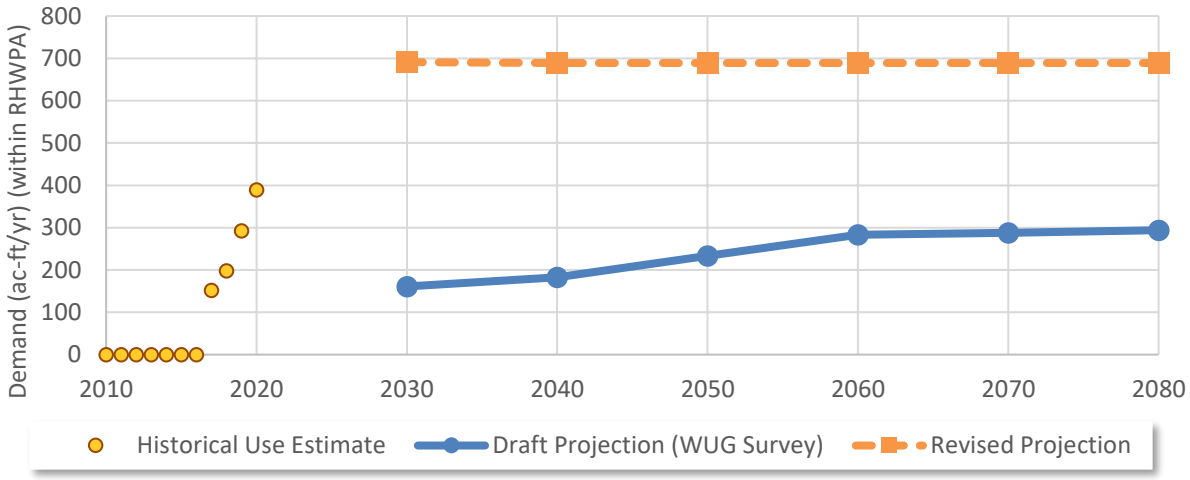


Figure 9 – Water Demand Projections for Montgomery County MUD 139



Montgomery County WCID 1

Based on discussions with Montgomery County WCID 1, the initial population estimate for year 2020 may have been low due to the poor alignment of Census block boundaries to the WUG's service area boundaries. Based on information provided by the WUG, including the WUG's recent service expansion to two new apartment complexes, as well as the historical population estimate by TWDB, the initial estimate of year 2020 population using the default allocation from JRPR Census block projections to WUGs was approximately 1,500 persons low. To adjust for this difference, the projected population was increased by 1,500 in all years. This approach maintains the growth provided by the JRPR estimates but adjusts the population upward to correct for the underestimate of 2020 population. The projected population of the County-Other WUG for Montgomery County was reduced to account for the increased population assigned to Montgomery County WCID 1, maintaining the same overall county-scale projection as previously noted in this memorandum. Proposed revisions for Montgomery County WCID 1 are summarized in ***Figure 10*** and ***Figure 11***.

Figure 10 – Population Projections for Montgomery County WCID 1

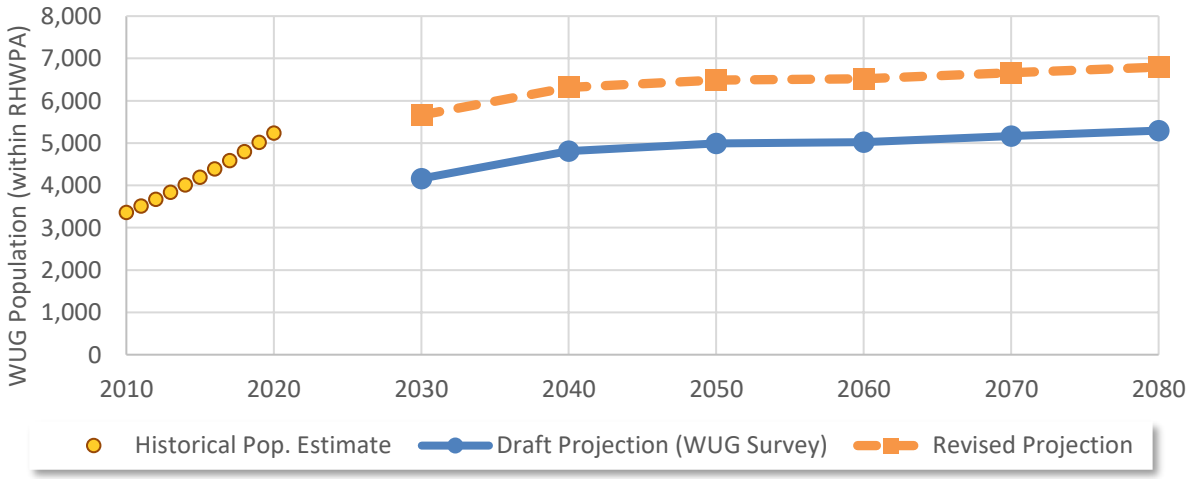
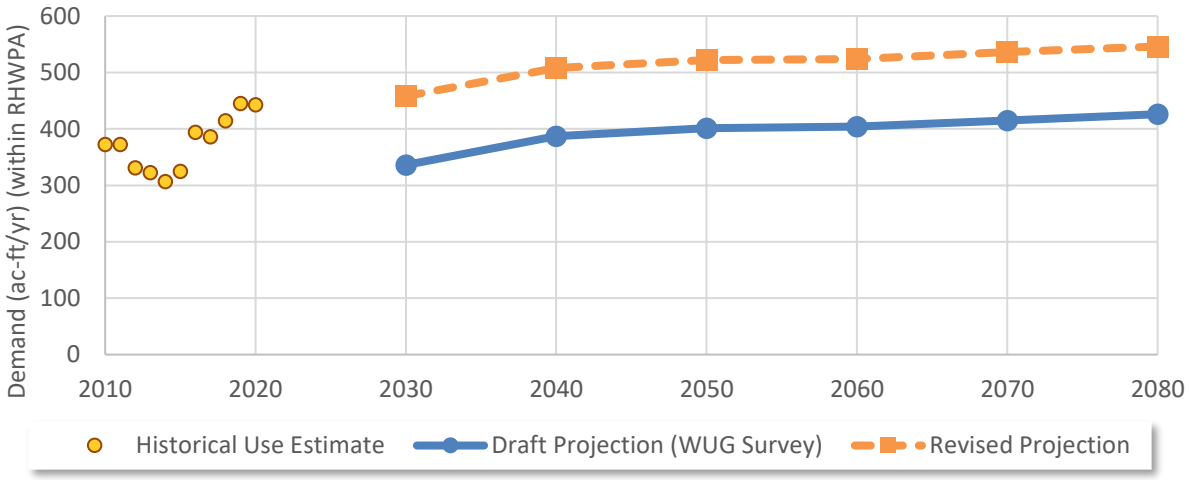


Figure 11 – Water Demand Projections for Montgomery County WCID 1



North Fort Bend Water Authority

Through discussions with North Fort Bend Water Authority (NFBWA), a need to adjust NFBWA's baseline per capita demand was identified. NFBWA provided data on year 2011 estimated population and water use, resulting in a per capita value of 186 gpcd, lower than the draft baseline of 200 gpcd. To better reflect dry year conditions based on WUG data while maintaining a conservative approach, this value of 186 gpcd is recommended as the baseline per capita demand without additional adjustment for year 2011-2020 plumbing code savings. Proposed revisions for NFBWA are summarized in ***Figure 12*** and ***Figure 13***.

Figure 12 – Population Projections for NFBWA

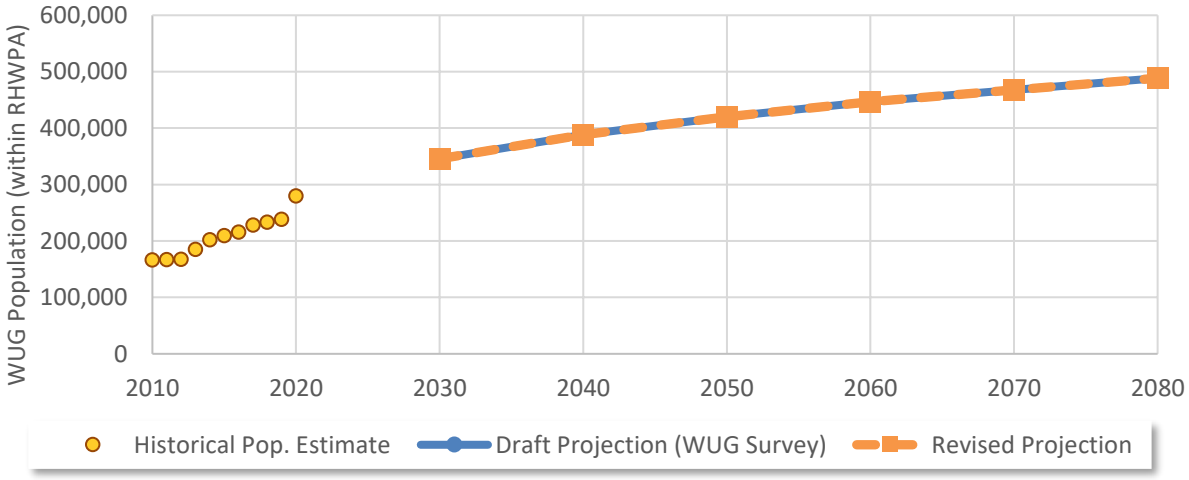
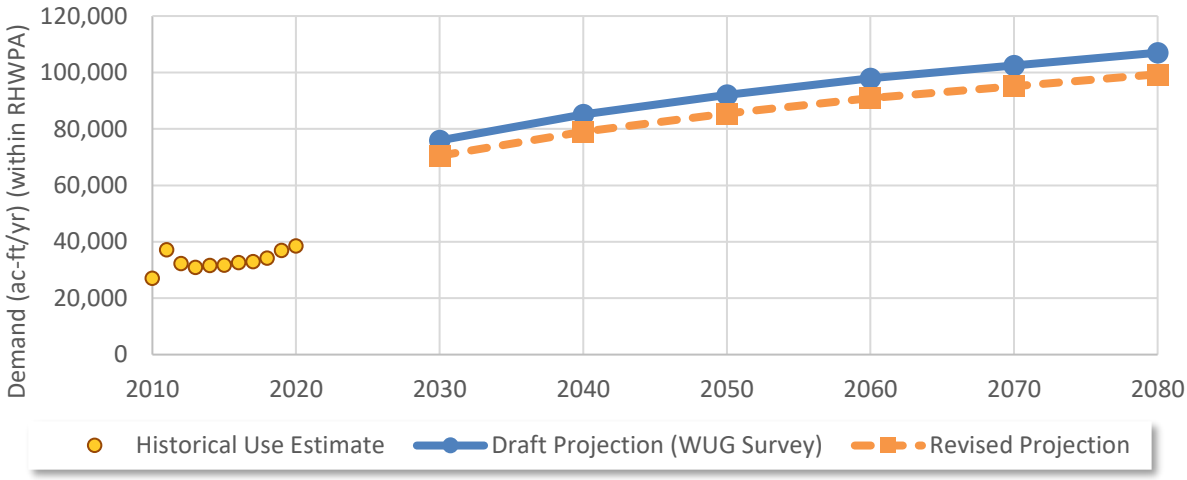


Figure 13 – Water Demand Projections for NFBWA



North Zulch MUD

North Zulch MUD indicated that substantial near-term subdivision growth is anticipated within its service area. The WUG currently serves 718 connections and may serve a new subdivision in development with 30 lots within its CCN. Based upon estimated growth provided by the WUG, the population from 2030 to 2080 was increased to 2,000 persons. The resultant water demand projection associated with this increased population also appears to be more representative of anticipated dry year conditions when compared against historical water use for recent years. No other named WUGs intersect the revised service area boundary; the projected population of the County-Other WUG for Madison County was reduced to account for the increased population assigned to North Zulch MUD, maintaining the same overall county-scale projection as previously noted in this memorandum. Proposed revisions for North Zulch MUD are summarized in ***Figure 14*** and ***Figure 15***.

Figure 14 – Population Projections for North Zulch MUD

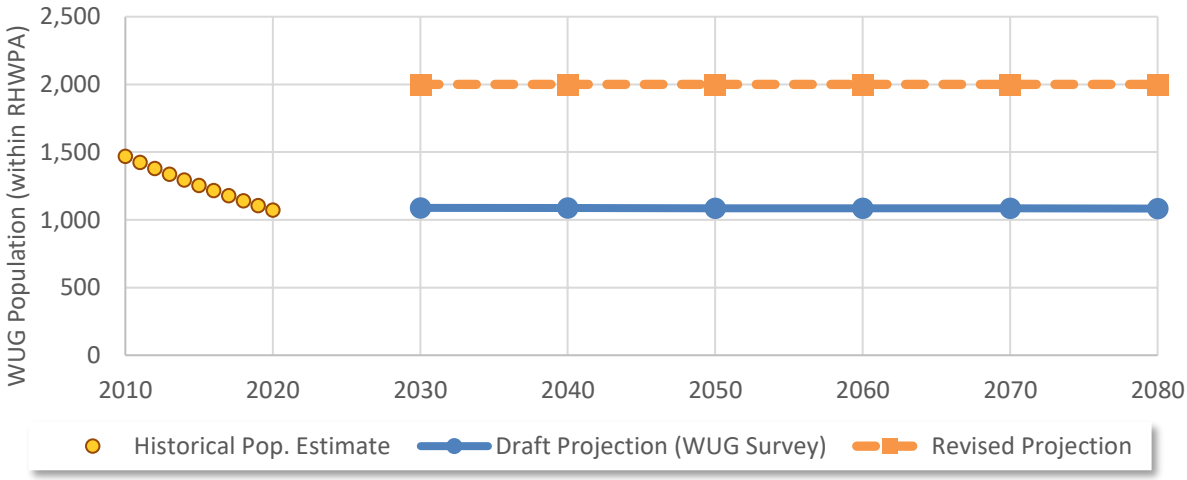
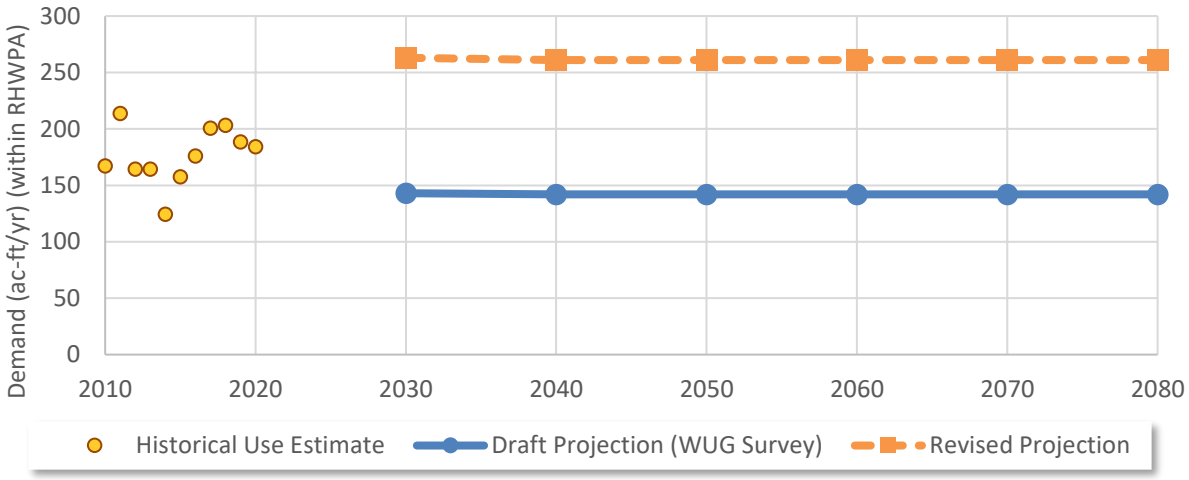


Figure 15 – Water Demand Projections for North Zulch MUD



Southern Montgomery County MUD

Based upon discussion with Southern Montgomery County MUD, potential issues with projected population were identified. It was noted that near-term projections appeared to underestimate population. Upon further inspection, it was determined that due to the manner in which the WUG intersected two Census blocks, the initial projection used in the WUG survey allocated population from these two blocks which should be associated with the WUG instead to County-Other. Population projection values were adjusted upward by 1,187 persons to address this issue. The projected population of the County-Other WUG for Montgomery County was reduced to account for the increased population assigned to Southern Montgomery County MUD, maintaining the same overall county-scale projection as previously noted in this memorandum. Proposed revisions for Southern Montgomery County MUD are summarized in ***Figure 16*** and ***Figure 17***.

Figure 16 – Population Projections for Southern Montgomery County MUD

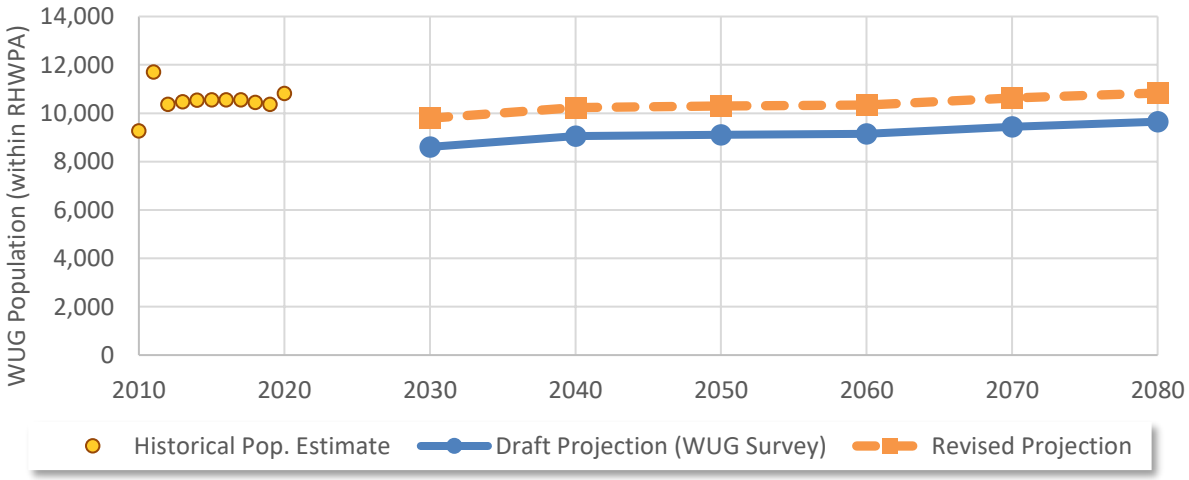
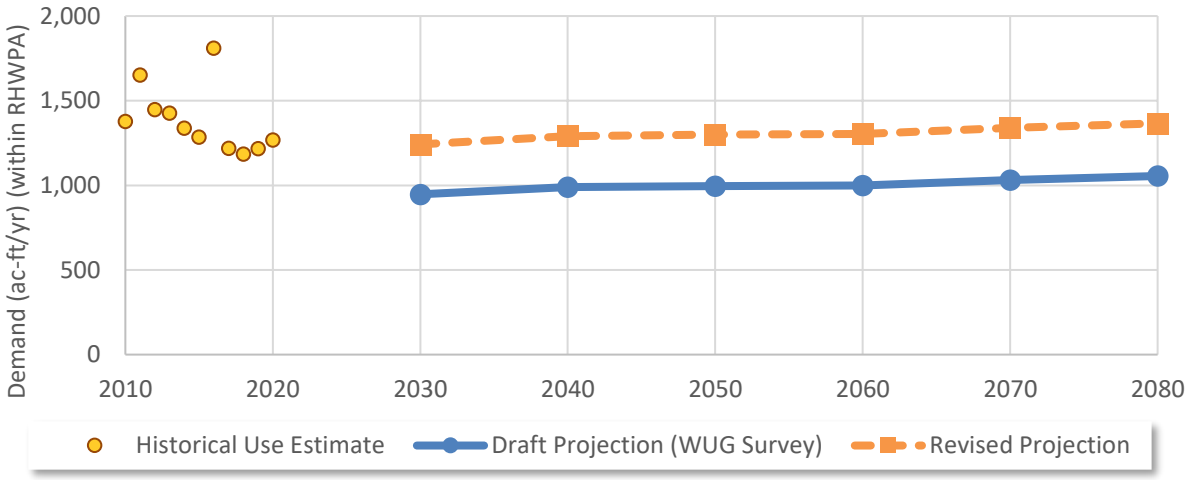


Figure 17 – Water Demand Projections for Southern Montgomery County MUD



APPENDIX 2-C

MAJOR WATER PROVIDER DEMAND SUMMARIES

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Table 2-C1 – MWP Water Demand by Use Category

Major Water Provider	Category	MWP Demand* (ac ft)					
		2030	2040	2050	2060	2070	2080
Brazos River Authority	Irrigation	135	135	135	134	131	121
	Livestock	0	0	0	0	0	0
	Manufacturing	39,528	63,463	64,753	66,189	67,017	66,005
	Mining	0	0	0	0	0	0
	Municipal	111,455	111,252	111,456	112,121	111,100	105,465
	Steam Electric Power	75,152	74,654	74,155	73,657	73,159	72,661
Brazosport Water Authority	Irrigation	0	0	0	0	0	0
	Livestock	0	0	0	0	0	0
	Manufacturing	1,120	1,120	1,120	1,120	1,120	1,120
	Mining	0	0	0	0	0	0
	Municipal	21,442	22,143	22,844	23,088	23,010	22,667
	Steam Electric Power	0	0	0	0	0	0
Chambers-Liberty Counties Navigation District	Irrigation	41,022	41,022	41,022	41,022	41,022	41,022
	Livestock	0	0	0	0	0	0
	Manufacturing	0	0	0	0	0	0
	Mining	0	0	0	0	0	0
	Municipal	2,205	2,205	2,205	2,205	2,205	2,205
	Steam Electric Power	0	0	0	0	0	0
Dow Inc	Irrigation	0	0	0	0	0	0
	Livestock	0	0	0	0	0	0
	Manufacturing	174,143	178,798	184,799	190,504	195,897	200,958
	Mining	0	0	0	0	0	0
	Municipal	0	0	0	0	0	0
	Steam Electric Power	2,687	2,687	2,687	2,687	2,687	2,687
Gulf Coast Water Authority	Irrigation	0	0	0	0	0	0
	Livestock	0	0	0	0	0	0
	Manufacturing	106,456	106,102	105,335	104,504	103,620	102,681
	Mining	332	396	459	526	598	675
	Municipal	133,829	133,906	133,388	133,055	132,240	131,598
	Steam Electric Power	0	0	0	0	0	0
Houston	Irrigation	26,684	26,684	26,684	26,684	26,684	26,684
	Livestock	0	0	0	0	0	0
	Manufacturing	385,549	390,695	396,225	399,525	403,313	407,200
	Mining	2,709	2,737	2,763	2,789	2,815	2,841
	Municipal	884,584	993,326	1,027,848	1,046,988	1,058,501	1,062,975
	Steam Electric Power	35,001	35,001	35,001	35,001	35,001	35,001

Major Water Provider	Category	MWP Demand* (ac ft)					
		2030	2040	2050	2060	2070	2080
Huntsville	Irrigation	0	0	0	0	0	0
	Livestock	0	0	0	0	0	0
	Manufacturing	0	0	0	0	0	0
	Mining	0	0	0	0	0	0
	Municipal	12,730	13,642	15,243	17,196	19,316	21,624
	Steam Electric Power	0	0	0	0	0	0
Lower Neches Valley Authority	Irrigation	53,087	53,087	53,087	53,087	53,087	53,087
	Livestock	0	0	0	0	0	0
	Manufacturing	0	0	0	0	0	0
	Mining	0	0	0	0	0	0
	Municipal	6,737	6,737	6,737	6,737	6,737	6,737
	Steam Electric Power	0	0	0	0	0	0
Missouri City	Irrigation	0	0	0	0	0	0
	Livestock	0	0	0	0	0	0
	Manufacturing	0	0	0	0	0	0
	Mining	0	0	0	0	0	0
	Municipal	22,420	22,515	22,598	22,608	22,442	22,241
	Steam Electric Power	0	0	0	0	0	0
North Fort Bend Water Authority	Irrigation	0	0	0	0	0	0
	Livestock	0	0	0	0	0	0
	Manufacturing	0	0	0	0	0	0
	Mining	0	0	0	0	0	0
	Municipal	70,493	80,925	88,317	94,541	99,893	104,629
	Steam Electric Power	0	0	0	0	0	0
North Harris County Regional Water Authority	Irrigation	0	0	0	0	0	0
	Livestock	0	0	0	0	0	0
	Manufacturing	0	0	0	0	0	0
	Mining	0	0	0	0	0	0
	Municipal	141,617	145,084	149,579	151,701	156,864	160,155
	Steam Electric Power	0	0	0	0	0	0
NRG	Irrigation	12,000	12,000	12,000	12,000	12,000	12,000
	Livestock	0	0	0	0	0	0
	Manufacturing	22,866	0	0	0	0	0
	Mining	0	0	0	0	0	0
	Municipal	0	0	0	0	0	0
	Steam Electric Power	139,830	139,332	138,833	138,335	137,837	137,339

Major Water Provider	Category	MWP Demand* (ac ft)					
		2030	2040	2050	2060	2070	2080
San Jacinto River Authority	Irrigation	1,057	1,833	2,375	2,710	2,909	3,090
	Livestock	17	96	151	185	205	223
	Manufacturing	112,010	116,380	121,113	122,927	124,750	126,612
	Mining	1	7	12	18	22	28
	Municipal	42,048	64,889	83,308	99,264	107,097	116,976
	Steam Electric Power	8,156	8,342	8,472	8,552	8,599	8,642
Trinity River Authority	Irrigation	27,600	27,600	27,600	27,600	27,600	27,600
	Livestock	0	0	0	0	0	0
	Manufacturing	0	0	0	0	0	0
	Mining	0	0	0	0	0	0
	Municipal	217,571	217,571	217,571	217,571	217,571	217,571
	Steam Electric Power	0	0	0	0	0	0
West Harris County Regional Water Authority	Irrigation	0	0	0	0	0	0
	Livestock	0	0	0	0	0	0
	Manufacturing	0	0	0	0	0	0
	Mining	0	0	0	0	0	0
	Municipal	75,035	77,291	78,116	78,458	80,641	82,672
	Steam Electric Power	0	0	0	0	0	0

**For this table, MWP water demand was calculated as the sum of MWP-associated existing supply allocations and recommended WMS allocations used to meet projected WUG need. Values shown include adjustment for reassignment of MWP-WUG existing supplies to other entities as part of recommended WMS to prevent double-counting of volume. The portion of recommended WMS allocations resulting in WUG-level surplus is excluded from this table. MWP demands as presented in this table are based on supply allocations rather than contractual obligations. Values represent projected MWP demands within Region H only and do not include demands associated with other regions.*

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Table 2-C2 – MWP Water Demand Summary

Major Water Provider	MWP Demand* (ac ft)					
	2030	2040	2050	2060	2070	2080
Brazos River Authority	226,270	249,504	250,499	252,101	251,407	244,252
Brazosport Water Authority	22,562	23,263	23,964	24,208	24,130	23,787
Chambers-Liberty Counties Navigation District	43,227	43,227	43,227	43,227	43,227	43,227
Dow Inc	176,830	181,485	187,486	193,191	198,584	203,645
Gulf Coast Water Authority	240,617	240,404	239,182	238,085	236,458	234,954
Houston	1,334,527	1,448,443	1,488,521	1,510,987	1,526,314	1,534,701
Huntsville	12,730	13,642	15,243	17,196	19,316	21,624
Lower Neches Valley Authority	59,824	59,824	59,824	59,824	59,824	59,824
Missouri City	22,420	22,515	22,598	22,608	22,442	22,241
North Fort Bend Water Authority	70,493	80,925	88,317	94,541	99,893	104,629
North Harris County Regional Water Authority	141,617	145,084	149,579	151,701	156,864	160,155
NRG	174,696	151,332	150,833	150,335	149,837	149,339
San Jacinto River Authority	163,289	191,547	215,431	233,656	243,582	255,571
Trinity River Authority	245,171	245,171	245,171	245,171	245,171	245,171
West Harris County Regional Water Authority	75,035	77,291	78,116	78,458	80,641	82,672

**For this table, MWP water demand was calculated as the sum of MWP-associated existing supply allocations and recommended WMS allocations used to meet projected WUG need. Values shown include adjustment for reassignment of MWP-WUG existing supplies to other entities as part of recommended WMS to prevent double-counting of volume. The portion of recommended WMS allocations resulting in WUG-level surplus is excluded from this table. MWP demands as presented in this table are based on supply allocations rather than contractual obligations. Values represent projected MWP demands within Region H only and do not include demands associated with other regions.*

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APPENDIX 3-A

MAG PEAK FACTOR DOCUMENTATION

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APPENDIX 3-A1

MAG PEAK FACTOR REQUEST TO TWDB

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Innovative approaches
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MAG Peak Factors
Region H Recommendations for 2026 RWP

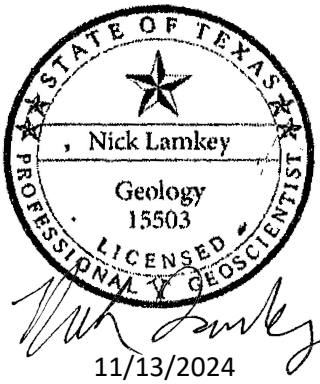
Prepared for:

Region H Water Planning Group



11/13/2024

FREESE AND NICHOLS, INC.
TEXAS REGISTERED
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F-2144



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MEMORANDUM

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Innovative approaches
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TO: Texas Water Development Board

FROM: Courtney Corso, P.E. and Philip Taucer, P.E.

SUBJECT: MAG Peak Factors – Region H Recommendations for 2026 RWP

DATE: November 7, 2024

PROJECT: Region H 2026 Regional Water Plan – Supply Evaluation

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1. Introduction

When developing Regional Water Plans (RWPs), planning groups consider water supply availability under drought-of-record conditions. Meanwhile, the joint planning process for groundwater in Texas considers long-term average conditions and determines Modeled Available Groundwater (MAG) supplies, which estimate a potential level of pumping that can be sustained on an average annual basis to meet a Desired Future Condition (DFC) based on the most current Groundwater Availability Model (GAM) and understanding of an aquifer. The RWP process uses MAG values as a starting basis to estimate available groundwater supplies. However, because of the disconnect between the joint planning approach and the worst-case scenario in regional planning, MAGs can underestimate the actual peak pumping that may occur during a drought-of-record year. Some Groundwater Conservation Districts (GCDs) have rules and regulatory structures which allow for short-term peak pumping while still complying with the DFC on a long-term basis. In these cases, application of the MAG to the RWP process excludes this regulatory flexibility and may place unnecessary limitations upon supplies used for planning purposes, thus underrepresenting the water supply available to meet short-term peak demands.

To address this limitation, beginning in the 5th cycle of RWP development, the Texas Water Development Board (TWDB) allowed the implementation of MAG Peak Factors, which are multipliers greater than 100% applied to MAG values to estimate dry-year availability. The intent of the MAG Peak Factor is to bridge the gap between groundwater joint planning and regional planning perspectives. Regional Water Planning Groups (RWPGs) are not required to use MAG Peak Factors but are given the option to apply them where deemed appropriate on a county-aquifer basis. The MAG Peak Factor is not intended to adjust the long-term supply as derived from the DFCs developed through the joint planning process for groundwater. Instead, the intention is to make the regional planning process consistent with regulations by local groundwater districts and patterns of permitted and exempt water use. The following sections summarize the Peak Factor development methodology applied by the Region H Water Planning Group (RHWPG), the administrative and approvals process, and the rules and processes currently applied by the applicable GCDs to monitor groundwater use and progress toward achievement of DFCs.

2. Peak Factors in Region H

The RHWPG developed a consistent methodology to determine a MAG Peak Factor for each county-aquifer unit in the Region which has an associated MAG. In order to reflect realistic peaking behavior, 16 years of historical pumping records were used to develop proposed MAG Peak Factors. Because pumping records and reporting for individual well owners or operators may vary from year to year, Peak Factors for Region H were calculated on a county-aquifer basis and are applied evenly to each river basin within those splits. The option to apply MAG Peak

Factors was discussed with staff from each GCD in the region; these districts are listed in **Table 1. Table 1** also describes which counties are included in each GCD and which aquifers have been deemed relevant for joint planning. (MAG values are only developed for relevant aquifers.) Please note that areas within the Harris-Galveston Subsidence District (HGSD) and Fort Bend Subsidence District (FBSD) are excluded as these areas have been deemed non-MAG areas for RWP purposes by TWDB.

Table 1. Groundwater Conservation Districts in Region H

GCD	Counties	Aquifers Relevant for Joint Planning
Bluebonnet GCD	Austin, Grimes[1], Walker, and Waller	Gulf Coast
Brazoria County GCD	Brazoria	Gulf Coast
Lone Star GCD	Montgomery	Gulf Coast
Lower Trinity GCD	Polk, San Jacinto	Gulf Coast
Mid-East Texas GCD	Leon, Madison, and Freestone[2]	Carrizo-Wilcox, Queen City, Sparta, and Yegua-Jackson

1. Grimes County is in Region G. *2. Freestone County is in Region C.*

After discussion with GCDs in Region H, only Brazoria County GCD (BCGCD) chose to pursue application of a MAG Peak Factor for the current (sixth) planning cycle. The results summarized in this memorandum therefore are limited to the Gulf Coast Aquifer in Brazoria County.

Subsequent to approval by BCGCD, the proposed MAG Peak Factor for the Gulf Coast Aquifer in Brazoria County was evaluated in a modeling exercise using the GAM. Modeling results indicated that applying peaking over time, consistent with the proposed MAG Peak Factor, has a negligible impact on metrics associated with the DFCs. This evaluation is described further in *Section 2.3*.

2.1. Methodology

The GCDs in Region H manage groundwater with respect to their DFC and do not restrict total annual pumping to the MAG, but instead allow pumping to fluctuate between years. While many districts do consider groundwater production relative to the MAG, they do so as one of a number of approaches to evaluating the impacts of pumpage on aquifers and progress toward long-term DFC achievement. As such, historical pumpage within many areas of Region H varies from year to year, with production typically increasing noticeably during dry years and subsequently declining upon the return of more normal or wet conditions. Timing and magnitude of peaks and reductions in pumpage vary widely among counties based upon overall demand, demand types, and aquifer.

Similar to historical patterns of groundwater use, in which dry-year pumping exceeds the long-term trend, Region H assumes that the drought-of-record years represented in the RWP would also experience pumping above the long-term trend which is represented in the RWP by the MAG. Therefore, historical pumping was assessed to determine the ratio of peak to long-term annual pumpage using TWDB Water Use Survey historical pumping data from years 2005 to 2020. The MAG Peak Factor is this ratio of historical peak pumping to long-term average pumping at the county and aquifer level. The MAG Peak Factor is then applied in the RWP as the ratio of RWP supply availability (dry-year conditions) to the corresponding MAG.

For counties in which the Gulf Coast Aquifer is the only major aquifer, all pumping categorized in the TWDB datasets as "Other Aquifer" or "Unknown Aquifer" was assumed to originate from the Gulf Coast Aquifer. TWDB Water Use Survey data was utilized for several reasons:

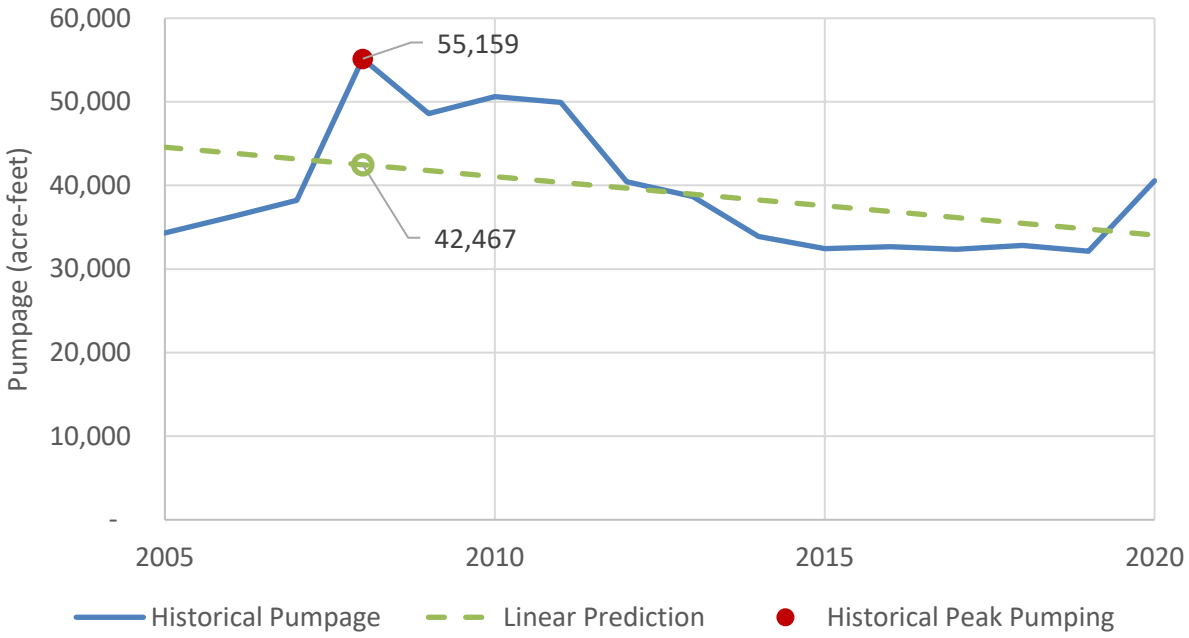
- Availability of county-level information in a consistent format;
- Representation of recent conditions, including recent growth in urbanizing portions of Region H; and
- Inclusion of a range of hydrologic conditions, including extremely dry conditions for year 2011.

The Peak Factor was estimated using the relationship:

$$Peak\ Factor = \frac{(peak\ pumpage)}{(linear\ approximation\ in\ year\ of\ peak\ pumpage)}$$

For this analysis, peak pumpage was defined as the maximum annual pumping volume from an aquifer within a given county during 2005 to 2020. The linear approximation in the denominator is the predicted pumping in the year of peak pumping, based on a linear fit of annual pumping during 2005 to 2020 to account for long-term trends in pumping. This concept is represented in **Figure 1**.

Figure 1. Historical Pumping from the Gulf Coast Aquifer in Brazoria County



2.2. Recommended MAG Peak Factor: Brazoria County – Gulf Coast Aquifer

The MAG Peak Factor developed for the Gulf Coast Aquifer in Brazoria County and approved by BCGCD and GMA 14 is summarized in **Table 2**. This Peak Factor is proposed as a constant factor for use in each planning decade in the 2026 RWP. Supporting data for MAG Peak Factor calculations in electronic format will be transmitted to TWDB

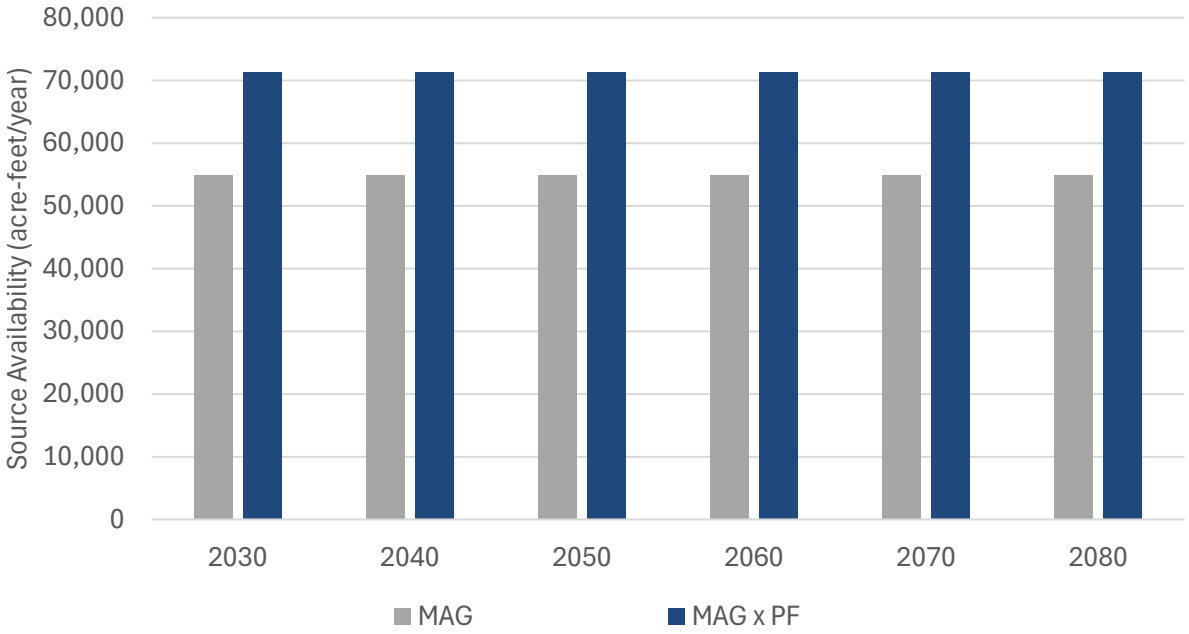
along with this memorandum. Additional information on the administrative process and GCD approvals can be found in *Section 3* of this memorandum.

Table 2. Summary of Peak Factors for Region H

County	Aquifer	GCD	GMA	Peak Factor
Brazoria	Gulf Coast	Brazoria County GCD	14	129.89%

Historical information used to calculate the Peak Factor for the Gulf Coast Aquifer in Brazoria County is illustrated in **Figure 1**, with resultant peaked MAG values for RWP purposes shown in **Figure 2**. It should be noted that the Region H RWP assumes that groundwater supply availability in Brazoria County is fully allocated as existing supply.

Figure 2. Peaked MAG for the Gulf Coast Aquifer in Brazoria County



2.3. Modeling Assessment

In order to confirm that the temporary availability increase represented by applying the MAG Peak Factor will not prevent BCGCD nor surrounding GCDs from managing groundwater resources to achieve DFCs, a modeling analysis was conducted by INTERA. This analysis used the GAM for the northern portion of the Gulf Coast Aquifer System that was approved at the time of the 2021 joint planning cycle and which was used in development of DFCs and MAGs; this model is referred to as the Houston Area Groundwater Model ("HAGM"; Kasmarek, 2012). The modeling analysis used the methods documented in Appendix R of the explanatory report for GMA 14 DFCs from the 2021 cycle of joint planning (GMA 14, 2022); this GMA 14 DFC Run was used as a baseline for evaluating the impacts of applying a MAG Peak Factor.

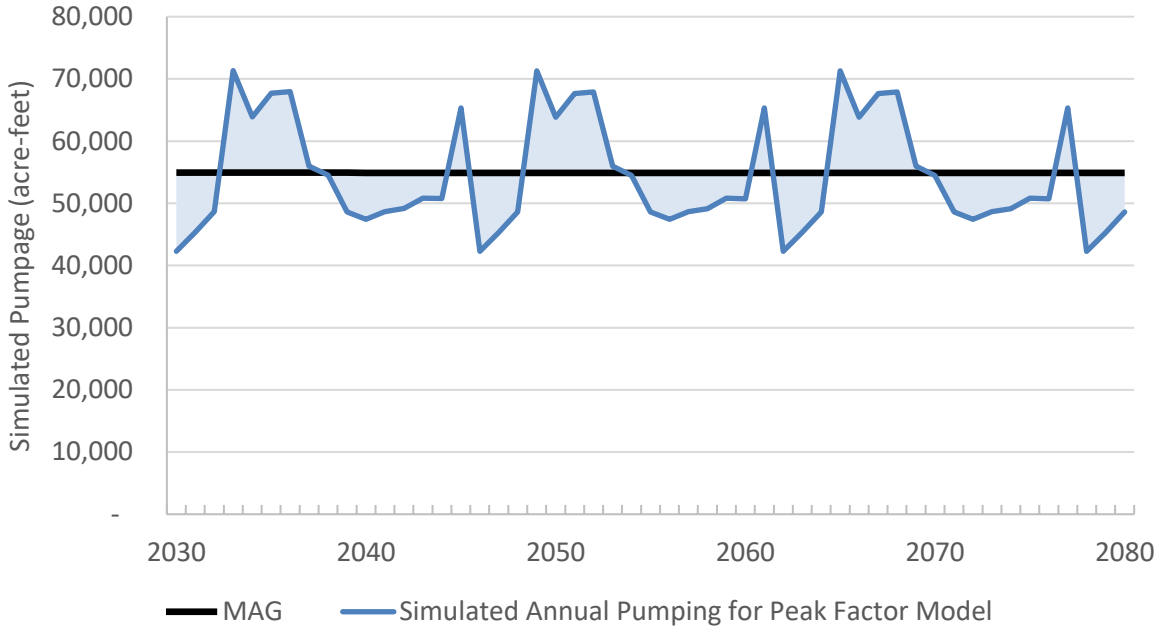
Pumping in Brazoria County was adjusted in a model run representing the application of the proposed MAG Peak Factor, hereafter referred to as the Peak Factor Run. Demands and supply availability are described in the RWPs

on a decadal basis. For further examination in a groundwater modeling analysis, annual pumping is required in order to develop inputs for each model stress period. The pumping was adjusted by applying an annual factor to each stress period from 2030 to 2080. The time series of annual factors was developed using the approach described above for the Peak Factor, but historical pumping from each year of the period 2005 to 2020 was divided by the linear approximation for that year to create a cycle of increasing and decreasing pumping with a long-term average approximately equivalent to the MAG. This process is described in detail below.

1. **Determine long-term average pumping assumed for modeling:** Long-term average pumping in Brazoria County was assumed to be equivalent to the MAG in each planning decade. This is based on groundwater demand in the county as projected for the 2026 Region H RWP, which indicates that peaked availability (MAG multiplied by the MAG Peak Factor) will be fully allocated to existing supplies with no surplus groundwater available.
2. **Describe annual average trend in pumping:** Interim annual values were interpolated between decadal MAG values.
3. **Develop annual pumping factors:** The peaking trend used by the RHWPG to determine MAG Peak Factors was studied on a basis of deviation from long-term trend rather than long-term average. This methodology was selected in order to account for the trends in overall groundwater use over the 16-year period of record. Therefore, it was necessary to normalize the entire period in a similar fashion. A linear trend line was developed based on historic pumping in Brazoria County from the Gulf Coast Aquifer from 2005 to 2020 (**Figure 1**). Individual pumpage values for each year were divided by the estimated trend line value in that year to determine a trend-normalized annual factor.
4. **Develop annual pumping volumes:** The normalized peak factor from Step 3 was then applied to the average annual pumpage from Step 2 to represent fluctuating annual demands due to year-to-year variations in climatic conditions. As it is impossible to exactly predict future trends in water use due to seasonal and annual climatic variables, this process assumes the repetition of the trends in the historic period over the entirety of the planning period. Therefore, the 2005-2020 normalized annual peaking patterns were repeated throughout the RWP planning horizon of the year 2030 through the year 2080. This allowed for continuous cycling of the high and low demand patterns, overlaid upon the annual average demands interpolated in Step 2. The results of this analysis provide a potential synthetic demand pattern in Brazoria County that is consistent with the MAG Peak Factor proposed by the RHWPG.

The time series of annual factors was applied to all pumping cells within Brazoria County in the GMA 14 DFC Run; no changes were made to the spatial distribution of pumping. The resulting annual pumping used in the model in Brazoria County, shown in **Figure 3**, demonstrates that the methodology to develop the MAG Peak Factor is based on assumed patterns of fluctuating peak demands and lower demands having a long-term average value approximately equivalent to the MAG. Supporting data for calculations of modeled annual pumping volumes will be transmitted in electronic format to TWDB along with this memorandum.

Figure 3. Simulated Annual Pumping Using Annual Factor



DFCs in GMA 14 are based on two metrics: median available drawdown (2009 to 2080) and additional subsidence (2009 to 2080). Specifically, the DFCs are defined as follows:

> *"In each county in GMA 14, no less than 70 percent median available drawdown remaining in 2080 or no more than an average of 1.0 additional foot of subsidence between 2009 and 2080."*

Results of the Peak Factor Run were compared to the GMA 14 DFC Run for each of the DFC metrics (**Table 3**). As expected, the largest changes in remaining available drawdown and subsidence are in Brazoria County, with smaller changes in adjacent counties. Changes in all counties are considered to be small enough to have no significant effect on DFC achievement with the application of the MAG Peak Factor.

Groundwater availability modeling files used for this assessment will be transmitted in electronic format to TWDB along with this memorandum. *Attachment A* contains an index of associated modeling files included in the transmittal. These include the unadjusted model well files from the GMA 14 DFC Run, the adjusted model well files from the Peak Factor Run, and other model input files. Detailed georeferenced maps of pumping assumptions are omitted from the submittal, as the spatial distribution of pumping was not revised between the GMA 14 DFC Run and the Peak Factor Run, as demonstrated in the model well files.

Table 3. Comparison of Model Results: Median Available Drawdown Remaining and Modeled Average Subsidence

County	GMA 14 DFC Model Run		Peak Factor Run		Difference	
	Available Drawdown Remaining (2009 to 2080)	2080 Modeled Average Subsidence (feet)	Available Drawdown Remaining (2009 to 2080)	2080 Modeled Average Subsidence (feet)	Available Drawdown Remaining Difference (2009 to 2080)	2080 Modeled Average Subsidence Difference (feet)
Austin	92.47%	0.4048	92.47%	0.4048	0.00%	0.0000
Brazoria	86.96%	1.0009	87.39%	0.9816	0.43%	-0.0193
Chambers	76.22%	0.9625	76.21%	0.9625	-0.01%	0.0000
Fort Bend	58.02%	2.2345	58.07%	2.2303	0.05%	-0.0042
Galveston	86.51%	1.4980	86.64%	1.4928	0.13%	-0.0052
Grimes	69.76%	0.0388	69.76%	0.0388	0.00%	0.0000
Hardin	81.04%	0.5593	81.04%	0.5593	0.00%	0.0000
Harris	82.53%	0.8211	82.53%	0.8199	0.00%	-0.0012
Jasper	69.08%	0.2675	69.08%	0.2675	0.00%	0.0000
Jefferson	68.38%	0.5885	68.38%	0.5885	0.00%	0.0000
Liberty	76.13%	1.1089	76.13%	1.1089	0.00%	0.0000
Montgomery	67.74%	0.5457	67.74%	0.5457	0.00%	0.0000
Newton	70.03%	0.1762	70.03%	0.1762	0.00%	0.0000
Orange	91.02%	1.0049	91.02%	1.0049	0.00%	0.0000
Polk	81.90%	0.0341	81.90%	0.0341	0.00%	0.0000
San Jacinto	81.96%	0.1098	81.96%	0.1098	0.00%	0.0000
Tyler	78.02%	0.0423	78.02%	0.0423	0.00%	0.0000
Walker	69.74%	0.0171	69.74%	0.0171	0.00%	0.0000
Waller	69.35%	0.6330	69.35%	0.6330	0.00%	0.0000
Washington	77.13%	0.0124	77.13%	0.0124	0.00%	0.0000

3. Administrative Process

In accordance with the *Second Amended General Guidelines for Development of the 2026 Regional Water Plans* and other TWDB guidance, the RHWPG coordinated with local groundwater regulatory entities regarding proposed Peak Factors and compatibility with GCD management goals. At its May 3, 2023 public meeting, the RHWPG considered the topic of MAG Peak Factors and authorized the Region H Consultant Team and Groundwater Supply Committee to coordinate with groundwater regulatory entities to develop MAG Peak Factors for Region H and submit an associated request to TWDB. *Attachment B* includes documentation of the RWPG decision to authorize the submission of this request.

As noted earlier, only Brazoria County GCD requested to pursue a Peak Factor; other GCDs declined to pursue the option for the 2026 RWP. Brazoria County GCD considered the option for a Peak Factor at a public meeting of its District Board and took formal action to approve the use of a MAG Peak Factor for the 2026 Region H RWP. GMA 14 subsequently approved the MAG Peak Factor proposed by Region H and approved by the BCGCD for Brazoria County. GCD and GMA approvals are summarized in **Table 4**, with documentation of these approvals included in *Attachment B*.

Table 4. GCD and GMA Peak Factor Approvals

County	Aquifer	GCD	GCD Approval Date	GMA	GMA Approval Date
Brazoria	Gulf Coast	Brazoria County GCD	1/11/2024	GMA 14	2/29/2024

4. District Methodologies for Monitoring DFC Compliance

As noted in *Section 2.1* of this memorandum, the GCDs within Region H manage groundwater within their jurisdictions in the context of their DFCs, allowing some degree of inter-annual fluctuation in production. The MAG Peak Factor option allows the RWP to better reflect this short-term peak use allowed by GCD rules and observed in historical pumpage records and does not impact the joint groundwater planning process or in any way modify established MAG values or DFCs for any district. The MAG Peak Factor proposed in this memorandum has been approved by the applicable GCD and GMA and is not anticipated to preclude or hinder achievement of DFC attainment or other GCD management goals.

The GCDs in Region H include within their Groundwater Management Plans and district rules measures to facilitate meeting their goals, including but not limited to goals for DFC achievement. As part of this process, all five of these GCDs engage in monitoring of groundwater levels, either as part of regular in-house technical evaluations of well data or through special studies and participation in long-term monitoring programs with the United States Geological Survey (USGS) or HGSD. These evaluations allow the GCDs to assess changes in water levels over time relative to levels consistent with DFC achievement. The districts also require permitted (non-exempt) wells to report groundwater pumpage on a regular basis, providing another metric to assist in evaluating progress toward long-term DFC achievement. Key processes in monitoring DFC achievement, controlling subsidence, and promoting the efficient use of groundwater for each of the applicable GCDs are summarized in **Table 5**.

Table 5. Key GCD Monitoring and Management Processes

Measure	Bluebonnet GCD	Brazoria County GCD	Lone Star GCD	Lower Trinity GCD	Mid-East Texas GCD
Water Level Analyses?	Yes - Annual analysis by GCD	Yes - Biannual analysis by GCD, work w/ USGS	Yes – annual monitoring; analysis by GCD at least once every 3 years	Yes - Annual analysis by GCD	Yes - Annual analysis by GCD
Subsidence Analyses?	Considered during permit review process	Yes - Biannual analysis by GCD, work w/ USGS et al.	Yes – regular monitoring and separate analyses	Considered during permit review process	Considered during permit review process
Well Permitting Required?	Yes	Yes	Yes	Yes	Yes
Registration of Exempt Wells Required?	Yes	Yes	Yes	Yes	Yes
Pumpage Reporting for Non-Exempt Wells	Yes	Yes	Yes	Yes	Yes
Production Fees Applied?	Yes – based on production	Yes – based on permitted volume	Yes – based on permitted volume	Yes – based on production	Yes – based on production
Consideration of Drought Monitor?	Yes	Yes	Yes	Yes	Yes

5. References

GMA 14. (2022). *Desired Future Conditions Explanatory Report*. Prepared by the Groundwater Conservation Districts in Groundwater Management Area 14.

Kasmarek, M. (2012). *Hydrogeology and simulation of groundwater flow and land-surface subsidence in the northern part of the Gulf Coast Aquifer System, Texas, 1891-2009*. U.S. Geological Survey.

Attachment A
Groundwater Availability Modeling Files
for Region H MAG Peak Factor Evaluation

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Table A-1. Modeling Input Files Used for Evaluation of Proposed MAG Peak Factor

File Name	Scenario
HAGM_BT_base_2080.sip	Both
HAGM_BT_base_2080.bas	Both
HAGM_BT_base_2080.bcf	Both
HAGM_BT_base_2080.sub	Both
HAGM_BT_base_2080.oc	Both
HAGM_BT_base_2080.dis	Both
HAGM_BT_base_2080.ghb	Both
HAGM_BT_base_2080.nam	GMA 14 DFC
HAGM_BT_base_pest_2080.wel	GMA 14 DFC
brazoria_peak_factor.wel	Peak Factor
HAGM_BT_base_2080_brazoria_peak_factor.nam	Peak Factor

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Attachment B
RWPG, GCD, and GMA Approvals

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Region H Water Planning Group
Meeting Minutes
May 3, 2023

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

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

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

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

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1. **CALL TO ORDER**

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

2. **INTRODUCTIONS**

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

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

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

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

   There were no comments.

5. **PLANNING GROUP MEMBERSHIP**

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

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

6. PLAN DEVELOPMENT AND ADMINISTRATION

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

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

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

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

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

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

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

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

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

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

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

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

7. GENERAL UPDATES AND OUTREACH

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

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

b. RECEIVE UPDATE FROM LIAISONS TO OTHER PLANNING GROUPS.

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

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

Mr. Taucer had no information at this time.

d. AGENCY COMMUNICATIONS AND GENERAL INFORMATION.

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

8. RECEIVE PUBLIC COMMENTS.

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

9. NEXT MEETING:

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

10. ADJOURN.

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

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Brazoria County Groundwater Conservation District
Meeting Minutes
January 11, 2024

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MINUTES OF THE MEETING OF THE BOARD OF DIRECTORS OF THE BRAZORIA COUNTY GROUNDWATER CONSERVATION DISTRICT

The Board of Directors of the Brazoria County Groundwater Conservation District met Thursday, the 11h day of January 2024, at 4:00 p.m. and in the Brazoria County Groundwater Conservation District Office, 451 N. Velasco Street, 1st Floor, Suite 140, Angleton, Texas.

The meeting was called to order by Director Davenport at 4:06 p.m.

The roll was called of the duly constituted members of the Board, to wit:

Patrick O'Day	President
Dennis Davenport	Vice President
Robby Goolsby	Secretary
Gary Moore	Assistant Secretary
Charlie Greenberg	Director

All of said Directors were present, except Director O'Day and Director Moore, thus constituting a quorum.

Also present for all or part of the meeting, were the following: Beverly Hopkins, General Manager, and Jodie Parnell, Administrative Assistant, Michael White, Field Coordinator and Philip Taucer with Freese & Nichols.

PUBLIC COMMENTS:

No public comments were received.

FORMAL PRESENTATIONS:

Freese & Nichols presented the MAG Peak Factor on behalf of Region H Water Planning Group.

APPROVE MINUTES:

Motion by Director Davenport, Second by Director Greenberg, that the Minutes from the meeting on December 14, 2023 be approved as presented. Motion approved with all present voting aye.

OPEN PUBLIC HEARING REGARDING PERMIT APPLICATIONS:

Motion by Director Goolsby, Second by Director Greenberg, to **OPEN** a public hearing regarding applications for permits. Motion approved with all present voting aye.

Type	Owner	Address	City	Allocation	Use
a.Permit New	Pomona HOA	2501-1/2 Seckel Street	Manvel	9,000,000	Lake
b.Permit Exist	Patricia Pugh	4398 CR 197	Alvin	1,000,000	Commercial
c.Permit Exist	Gul Limited Partnership	21620	Manvel	1,000,000	Commercial

CLOSE PUBLIC HEARING REGARDING PERMIT APPLICATIONS:

Following the Public Hearing, there was a Motion by Director Greenberg, Second by Director Goolsby, that the public hearing regarding applications for permits received be **CLOSED**. Motion approved with all present voting aye.

APPROVE PERMIT APPLICATIONS:

Motion by Director Davenport, Second by Director Greenberg, that items b and c be approved as presented and item a; be approved contingent upon payment of all fees due per the District's adopted Fee Schedule and resolution of any pending issues. Motion approved with all present voting aye.

EXEMPT USE WELL REGISTRATION REPORT:

The Exempt Well Registration Report for the current period was reviewed. No action was taken.

DROUGHT MONITOR REPORT:

The U.S. Drought Monitor map for the State of Texas for the current period was presented for review. No action was taken.

APPROVE USE OF MAGE PEAK FACTOR IN 2026 REGIONAL WATER PLAN:

Motion by Director Goolsby, Second by Director Davenport, to approve the use of a MAG Peak Factor in Brazoria County in the 2026 Regional Water Plan. Motion approved with all present voting aye.

APPROVE ORDER OF GENERAL ELECTION:

Motion by Director Davenport, Second by Director Greenberg to approve the Order of Election for May 4, 2024. Motion approved with all present voting aye.

SET HEARING DATE FOR PERMIT APPLICATIONS:

Motion by Director Greenberg, Second by Director Goolsby, that a public hearing to consider approval of permit applications, amendments, or cancellations be set for the next meeting of the Board of Directors on **Thursday, February 8, 2024 at 3:00 p.m.** in the District Office and that the applicants be notified. Motion approved with all present voting aye.

FINANCIAL, INVESTMENT, & BUDGET STATUS REPORT:

The December 2023 Financial, Investment, & Budget Status Report was not presented for review. No action was taken.

APPROVE INVOICES FOR PAYMENT:

Motion by Director Davenport, Second by Director Goolsby, that the invoices presented be approved for payment. Motion approved with all present voting aye.

GENERAL MANAGERS REPORT:

A. Field Coordinator's Monthly Report was reviewed.

B. 4 H Annual Report was reviewed.

ADJOURN:

With no further matters to be heard, the motion to adjourn was made by Director Greenberg, Second by Director Davenport. All present voting aye. The meeting was adjourned at 4:31 p.m.

Approved this 8th day of February, 2024

Robby Goolsby

Board of Directors

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Groundwater Management Area 14
Meeting Minutes
February 29, 2024

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UPPER GULF COAST AQUIFER PLANNING AREA
(GMA 14)

Joint Planning Group Meeting

Thursday, February 29, 2024
10:00 AM

MEETING MINUTES

A regular meeting of GMA 14 was held Thursday, February 29, 2024, at 10:00 AM, at the offices of the Lone Star Groundwater Conservation District located at 655 Conroe Park North, Conroe, Texas.

Agenda Items 1, 2 and 3

The meeting was called to order by John Martin (Southeast Texas GCD) at 10:01 AM. Mr. Martin proceeded with confirmation of receipt of posted notices from District Representatives. Districts represented included: Zach Holland, Bluebonnet GCD; Beverly Hopkins, Brazoria County GCD; Sarah Kouba, Lone Star GCD; Gary Ashmore, Lower Trinity GCD; and John Martin, Southeast Texas GCD. Participants included: Ashley Grueter, Fort Bend Subsidence District; Kirk Hannath, Washington County (joined at 10:05AM); and Mike Turco, Harris-Galveston Subsidence District. Also, in attendance at the meeting were Jennifer Badhwar, Texas Water Development Board (TWDB); Daryn Hardwick, TWDB; Philip Taucer, Region H Consultant; and members of the public. (*See* ***Attachment "A" for a list of attendees***). Mr. Martin welcomed those in attendance and introduced GMA members and Participants.

Agenda Item 4

Mr. Martin called for and opened the floor to public comment. Mr. Harry Hardmann, representing the City of Conroe as a City Council Member. Mr. Hardmann commented as the largest stakeholder in Montgomery County and one of the largest stakeholders in GMA 14, the City is in full support of the Lone Star GCD's ongoing subsidence study especially as it relates to the coring sampling currently underway. The issue of subsidence and the highest practicable use of groundwater has been a highly debated topic for several years and Lone Star GCD's commitment to devoting resources necessary to core all our aquifers across Montgomery County will allow GMA 14 to make decisions based on hardcore data not on suppositions and models of samples from 50-miles away. The City appreciates core site provided and San Jacinto River Authority for providing a second site for coring. The City has also volunteered a site in support of the study. Having quantifiable data regarding the compaction of Jasper and other aquifers in the northern portion of the GMA is critical to ensure decisions regarding fair equitable allocation

of our most precious resource are based on science and not opinion. Mr. Hardmann applauded Lone Star GCD's leadership in this initiative and urged all GCDs in GMA to support this project.

Mr. Garry Dent, Lone Star GCD Director and individual resident of Montgomery County. Mr. Dent commented on an upcoming agenda item presentation about the DFC and how it is calculated. Mr. Dent noted the current calculation uses either the lowest perforation or well screen as the depth. Mr. Dent asked the group to consider changing the metric for calculation from well depth to the bottom of the aquifer. Mr. Dent noted his support for reconsidering how the parameter is calculated.

Mr. Mark Meinrath, representing himself (*See* ***Attachment "B" for Meinrath Handout***). Mr. Meinrath commented he is a 30-year resident of the Panther Branch Fault. Mr. Meinrath asked the GMA to take over the monitoring of the route of the GRP pipeline. Mr. Meinrath believes it is in everyone's best interest to maintain more frequent monitoring as San Jacinto River Authority is planning to reduce the monitoring schedule. The handout provided includes analysis of elevation data from the eight and a half years of the GRP delivery of surface water to The Woodlands. Mr. Meinrath noted the changes in measurements over time and how the measurements and movement relate to the pipeline. Mr. Meinrath reiterated the need for frequent monitoring and encouraged the GMA to consider taking over the monitoring efforts. Ms. Kouba noted this effort may be better suited to be further discussed locally and appreciated Mr. Meinrath bringing the issue forward.

Agenda Items 5

Mr. Martin then asked for consideration of the approval of the minutes from the GMA 14 meeting on October 26, 2023. Mr. Ashmore moved to approve, seconded by Ms. Hopkins, the minutes as presented for the October 26, 2023 meeting were approved.

Agenda Item 6

Mr. Martin called for updates from the TWDB and discussion of any related items of interest to GMA 14. Mr. Hardwick introduced Ms. Jennifer Badhwar as a new member to the groundwater technical assistance team, announced the recent release of GULF23 as the approved groundwater availability model for use in joint planning, reiterated the opportunity for submitting an alternate model, updated DFC flow chart, and spring-summer timeline for posting of Chapter 356 proposed changes.

Agenda Item 7

Mr. Martin called for the presentation by Lone Star Groundwater Conservation District regarding assessment of water levels in GMA 14. (*See* ***Attachment "C" for 2023 Artesian Head Change Update***). Mr. James Beach, Lone Star GCD consultant, provided update GMA 14 stakeholders of artesian head change and water level change with first focus on Montgomery County and across

GMA 14 area. Mr. Beach noted Dr. Hutchison provided an approach at a prior meeting from a modeling perspective and this presentation provides another assessment looking at the DFC metrics. Mr. Hanath asked about the pumping levels referenced and Mr. Beach noted source data from TWDB and Lone Star GCD metered data. Mr. Ashmore asked dating back to his start in 2014 about the mission of Lone Star GCD being to lower groundwater pumping rates and the current mission changes or amendments. Ms. Reece, Lone Star GCD attorney, answered Lone Star GCD had adopted a management goal of sustainability early on in its formation around 2005 with conversion requiring all large water users to convert to no more than 70% of their 2009 total qualifying demand by District rule. The rule was legally challenged and invalidated by the court of law. Mr. Ashmore asked who challenged the rule. Ms. Reece provided several public water suppliers, municipalities, and key stakeholders in Montgomery County. Before the rule was invalidated, the DFC petition had been initiated and the old board had changed the management standard from sustainability to reasonable drawdown or something similar. Technically the rule was invalidated after the management goal was changed and it is illegal for the rule to be enforced. Mr. Ashmore clarified that groundwater reduction is no longer part of the management plan. Ms. Reece stated the management plan is following Ch. 36 which is the DFC needs to be the balance between the highest practicable level of production and conservation as the adopted management standard and achievement of the approved DFC.

Mr. Hanath asked if any GCDs are looking at the use of surface water or development of new surface water use as additional offsets to the use of available groundwater resources. Mr. Hanath asked about goals or solutions of conversion and balancing groundwater and surface water use for communities and addressing growth. Mr. Hanath noted the primary use of the two main cities in Washington County being surface water which contributed to the discussion and ultimate defeat of their local GCD consideration. Mr. Martin noted the extreme differences between areas with so many elements involved. Mr. Martin noted with the availability of surface water in his area, his communities are too small to cost effectively utilize surface water, with cost and value of water as primary factors. Ms. Hopkins noted several entities in her area who are reliant on surface water and the conversion is at the forefront of the community minds. Ms. Kouba noted the balancing of blending groundwater and surface water with the extreme costs of surface water and policy decisions. Ms. Kouba noted appreciation for the presentation just received that shows maximum available drawdown and we're still achieving our DFC to help stakeholders. Mr. Holland noted the City of Huntsville's use of surface water, blending groundwater, and the benefit of an established surface water infrastructure rather than retrofitting later which is certainly a cost issue but also a water chemistry and complete infrastructure issue. Mr. Holand added the retrofitting or adding surface water infrastructure has been a discussion and consideration on the southern end of the Bluebonnet GCD, but treatment of the source to effectively blend into the system has been a major factor. Ms. Kouba noted that this is not just a surface water discussion but other alternative sources of water as well highlighted by conferences, panels, and seminars to find cost effective balance. Mr. Ashmore noted the City of Livingston, in response to potential subsidence, fully converted from groundwater to surface

water. Mr. Ashmore added Coldspring has been working and continues to work to regain surface water rights they had allowed to lapse. Mr. Ashmore noted the significance of the political pressures of surface water rights and their allocations. Mr. Hanath noted the history and discussions of Washington County surface water rights and the original creation of Lake Somerville. Mr. Hanath added the significant need for education on water and resources in response to the new residence coming from other states with vastly different laws and approaches to water.

Agenda Item 8

Mr. Martin then called for the update from Lone Star Groundwater Conservation District regarding data from the District's Subsidence Study Phase 3. (*See **Attachment "D" for LSGCD Subsidence Study Update***). Ms. Kouba noted mobilization on the first site in Porter and planning stages for the second site that will be in The Woodlands. Environmental studies will be next to be completed related to the proposed SJRA site. Ms. Kouba noted weather constraints experienced but all remains on track with the timeline. Ms. Kouba noted some misconceptions about the subsidence study and provided clarification Lone Star GCD is coring at both sites with intention of retrieving coring in Jasper, Chicot, and Evangeline and noted Montgomery County has never had coring from the Jasper. Ms. Kouba noted these efforts will be helpful in proving and putting the correct data into the new model.

Mr. Martin asked about the timeline for the first site drill and data. Mr. Beach noted rigs are being mobilized now and the goal for data preparation ready for the model update to TWDB as previously discussed. Mr. Martin asked about the readiness of the second site and its data use in the model update. Ms. Kouba noted potential as more of the plan is locked in, but the Porter site will be ready for use. Mr. Beach noted this is one borehole in Montgomery County but for Montgomery County purposes and the rest of the joint planning group it is really important. GULF23 was updated with the best available interpolations up from coring in Galveston and Harris County. Mr. Beach noted the 18-cores will also include the Burkeville and the subsidence data available from surface subsidence is a great starting point for looking at this issue. Mr. Beach noted one of the things that as Ch. 36 districts, Lone Star GCD, and Ms. Reece have mentioned is the consideration of the balance of the highest practicable production versus conservation which is different from the subsidence districts who are charged to stop subsidence. Mr. Beach noted the importance of coring through every aquifer is that it helps us get better science to understand where the compaction is occurring and manage the aquifer in a more refined way. Mr. Beach noted providing the best available science is what Lone Star GCD is after and building from the 1970's work locally and into the up-dip portions of the aquifer. Mr. Beach restated the reason the Lone Star GCD Board invested the money to do this study is because we don't know what the compaction is – if the compaction is worse or better than what is interpolated – the bottom line is we want the best available science for decision-making. Mr. Turco asked, as the sites are moved further up dip into Montgomery County, will there be any investigation of the Catahoula included in the study. Mr. Beach noted GULF23 model did not

include any compaction for the Catahoula and it is to be determined based on the work in the future and a topic of conversation as you move north.

Mr. Turco asked for clarification that the cores are intended to investigate the compactive properties of the units, just how they compact and capacity to compact, not determining how much or if compaction has occurred. Mr. Beach responded that is correct and there may be correlations drawn based on the compaction information received and maybe do back calculating causality or correlation in regard to historic water level declines but more as a path forward and better calibrate the model for future conditions. Mr. Turco noted the confusion and clarification in discussions on subsidence versus compaction. Mr. Hanath noted appreciation for efforts to collect more data and being driven by data.

Agenda Item 9

Mr. Martin called for discussion and possible action regarding MAG Peak Factors including recommendations for Regional Water Planning Group H. (*See* ***Attachment "E" for Consideration of MAG Peaking Factors for the 2026 Region H Regional Water Plan***). Mr. Taucer provided an update to the schedule and the regional water planning process from the last meeting. Mr. Taucer re-capped the MAG Peak Factor analysis, considerations, approvals, and its use in the regional water planning process. Mr. Taucer noted a consideration for Brazoria County only this round of planning. Mr. Martin asked Ms. Hopkins if their board had been briefed and took action to approve the considered MAG Peak Factor. Ms. Hopkins confirmed her board had been briefed and approved the use of the MAG Peak Factor.

Mr. Ashmore made the motion to approve the MAG Peak Factor for Brazoria County contingent on its compatibility with DFC achievement, seconded by Mr. Holland. Ms. Kouba asked about a Region H comment made by Jace Houston about "fuzzy math" referring to the GMA groundwater distributed is limited to the GMA MAG – yes for regional planning strategies – but followed it up with counties are limited to MAG number – which is not the case because we are not permitting to the MAG by county. Ms. Kouba asked for confirmation we are not managing to the MAG but to the DFC. Mr. Martin and Mr. Ashmore both confirmed. The motion carried unanimously.

Agenda Item 10

Mr. Martin called for discussion and possible action regarding a resolution formally requesting the use of an alternate/updated groundwater availability model. (*See* ***Attachment "F" for Proposed Resolution Re Alternate Model***). Mr. Holland noted the requirement under TWDB guidance for the submittal of an alternate or updated model. Mr. Holland noted the resolution had been drafted and received comments from the working group and approved all comments, without question, prior to sending the final resolution to the entire group. Mr. Holland noted action is not required today but this is a requirement of the submittal to TWDB. Mr. Martin asked for a description of general modifications for the alternate model. Mr. Holland noted the

scope of work previously discussed and approved at the last meeting. Mr. Holland noted comments identifying the components of GULF23 that didn't align with historical pumping distributions, localized issues, and ultimately making the model a more useable tool for GMA 14. Ms. Kouba noted the change of adding the word "data" in the sixth "Whereas". Mr. Holland noted the group was only provided the complete version with all additions included so there are no redline changes. Mr. Holland noted that if you're not updating data, you're not updating a model and reiterated all comments and suggestions made by Ms. Reece, Mr. Beach, and the consulting conglomerate were accepted without question to provide a complete resolution.

Mr. Martin noted a grammatical issue in the "Now, Therefore" section and adding signature lines as necessary amendments. Mr. Turco noted in the fourth "Whereas" an amendment to read "the US Geological Survey has completed an updated groundwater flow model of the area in cooperation with the Harris-Galveston Subsidence District and the Fort Bend Subsidence District known as the GULF23 model".

Mr. Holland noted the need to have hard discussions now before moving forward with the resolution on the coordinated effort moving forward because we are getting to a time where we don't have any wiggle room in our schedule to get the alternative approach approved. Mr. Holland noted the options of proposing and approving our alternate model update or we work with GULF23. Mr. Holland noted the pending and vital availability of local Montgomery County data focus but that the general scope addressing the CSUB package for the regional effort is not lost, making sure to keep the GMA 14 perspective and approach. Mr. Holland noted he is not diminishing, demeaning, or minimizing the localized data efforts but we are getting into a tight time slot. Mr. Holland asked if it would streamline and be more beneficial alternative to turnover and let Lone Star GCD lead and follow and be the primary consultant for all of the work or continue on the group conglomerate of consultants. Mr. Holland noted we need finalization and commitment by everybody to try to achieve or that we will be working with GULF23. Mr. Martin asked if model update materials can be completed and ready for submission once the coring data is collected or submitted in the case the coring data is not collected timely due to weather conditions or delays. Mr. Holland noted the documentation with TWDB in the last year of issues with GULF23 for use as a regional model. Ms. Kouba noted confidence the simulations will be run with the coring data to update with the best available data and science for the new model. Ms. Kouba noted no concerns about the timeline because we don't want to get stuck with the model that we have presently. Ms. Kouba noted we can make changes and extrapolate the data into the model and confidence with the plan. Ms. Kouba noted the practical level of timelines of submissions to TWDB but just because the coring is happening only in Montgomery County doesn't affect the entire GMA is irresponsible not to add it to the model. Mr. Holland noted no disagreements with any points, but the biggest piece is having the intentional dialogue of keeping this regional –outside of the localized, individual efforts Lone Star GCD are going through – we have a regional model that has to be fixed, the options are update or work with GULF23. Mr. Beach noted his appreciation for the hard discussions on timeline and echoed

confidence the data will be collected. Mr. Beach noted identified errors in the way the delay beds and no-delay beds were implemented in some areas as part of the regional fix. Mr. Beach noted working in DFC planning around the State, there is a time to discuss the nine factors, a time for runs, and we feel because of where we ended up last time with issues, a lot of discussions that can occur of philosophies, approaches with each factor prior to any modeling. Ms. Reece asked Mr. Beach, although the coring sites are only in Montgomery County, if the data collected could be helpful for informing regional assumptions and datasets beyond Montgomery County. Mr. Beach noted the agreement is more globally applicable than just Montgomery County.

Mr. Ashmore noted he understands the lack of commitment to dates for submitting or providing things but would like to see and review our timeline for DFCs and a date schedule from Lone Star GCD that says if we pass this date we are moving forward and not holding up the process. Ms. Kouba noted the coring study is already moving forward. Mr. Ashmore clarified that he needed to see an estimated schedule of what you think you will be able to get, by when, something in writing and overlapped with the DFC timeline. Mr. Martin asked for confirmation of the proposed and final DFC dates. Ms. Reece noted May 2026 and January 2027. Ms. Reece noted discussions from previous meetings as long as the model is submitted in 2024 we would have it before model runs in 2025. Ms. Reece noted Mr. Beach's comments that there are factors and discussions to be had without simulations like in previous rounds. Ms. Reece noted Mr. Beach is suggesting that we consider looking at more than just a couple factors but all factors discussing them policy wise, conceptional wise before doing simulations but that is for you to decide.

Mr. Holland noted there are two different tracts being discussed – the simulations are one component of the overall work to be considered and the modeling update effort is separate and apart from the DFC factors. The model update must be done by the end of the year, which is his concern, and can we have the commitment to maintaining that regional perspective on the regionalized model and not get hung up in the localized pieces. Mr. Holland noted the coring samples are going to be phenomenal in in extrapolations from the existing sites across more of the up-. Models are not a simple, easy thing to tinker and mess with, much less do all the documentation required for submission to TWDB. Mr. Holland noted the time taken for GULF23 to be approved. Ms. Kouba noted it is worth considering the alternative. We are having to get this done and get this information into the simulation and get the model updated with the proper, most, and best available science that we have which is our mandate and that we are charged with and responsible for doing in our positions. Mr. Holland noted he is not to be interpreted of trying to abandon these efforts. Mr. Holland noted having the commitment and being very intentional with that across the board at this table and this GMA perspective of fixing the regionalized model. Mr. Beach noted there is no doubt the regional fixes identified have to be done and while data is being collected. If for some reason we don't get the data in time, the regional fixes will be ready to be implemented for the TWDB submittals. Mr. Beach noted the commitment to addressing the regional issues in the schedule. Ms. Reece noted as long as it is

approved prior to submitting proposed DFC and the well file associated with the proposed DFC all is fine. Mr. Holland confirmed and noted that to get the update approved for use in this cycle we have to get it in before the end of the year. Ms. Reece asked where that firm deadline is based. Mr. Holland noted the TWDB guidance document provided and the GMA timelines. Ms. Reece asked Mr. Hardwick who noted no hard deadline just time to work with it to provide proposed DFCs in 2026. Ms. Kouba asked with respect to the question whether the coring is just for Montgomery County or if it does affect the regional planning, what are individual opinions. Mr. Ashmore asked who is paying for the work. Ms. Kouba answered Lone Star GCD. Mr. Ashmore noted the opinion the information is for Lone Star GCD only and the motivation.

Mr. Ashmore noted we have a model and a process and there is a history of making exceptions and exceptions for Lone Star GCD and what they want. Mr. Ashmore noted the wasted time and money and reiterated he is asking for something in writing, this is what we're going to do and overlap with our DFC plan and make sure it works out. Mr. Ashmore noted he is 100% for Lone Star GCD gathering data and 100% for considering it and moving it into our plan – 100% don't think I'm not. Mr. Ashmore noted he wanted a commitment from Lone Star GCD that you meet your timeline. Mr. Martin asked if our consultants could get together to draw out a timeline with check off items, core samples, model updates, in a relatively quick time and meet to revisit and get the concerns addressed.

Mr. Ashmore asked if the resolution must be approved today or if we can table it until we have hard dates and commitment. Ms. Kouba noted approval actions at the last meeting, and we put together the resolution. Mr. Ashmore noted at previous meetings there was not an understanding of possible schedule conflicts. Ms. Kouba noted there have been no changes to the schedule. Mr. Ashmore noted there has not been a Lone Star GCD schedule provided. Ms. Kouba noted it has been public, talked about at every Lone Star GCD Board meeting, and I have been open about the schedule and if there is confusion it can be answered. Mr. Ashmore asked for a commitment to provide the schedule, discussed at the GMA, overlap it, and there is a hard date between what the TWDB expecting and when and what we can supply, 100% support but I don't feel comfortable at this time. Ms. Kouba noted she would love to help improve confidence today to save the trouble of having the same conversation again.

Mr. Beach noted the tricky part of local versus regional decision is that whatever Lone Star GCD needs to do locally it impacts other people and others impact us in some cases. Even though the data point and money are located in Montgomery County the votes come at the regional level and Lone Star doesn't act independently with regard to DFCs. Mr. Dent noted that it may be interesting to have Mr. Beach or Mr. Keester talk on the generality within geological systems that there is more continuity laterally in the physical parameter of the rocks than there is in the dip direction. Mr. Holland noted this is the same extrapolation process currently used, with the new data moving the point from 40-miles outside Montgomery County to within Montgomery County. Mr. Holland noted the key point now is we have GULF23 to work from whether we have an update or not – whether that is an added motivation factor to get everything in and

updated. Mr. Holland noted the goal of the update was to get GULF23 to be a usable tool from a regional perspective and that is the focus to maintain and be very intentional about.

Agenda Item 11

Mr. Martin called for the discussion and possible action regarding the DFCs and the path forward for GMA 14. Mr. Martin suggested getting the consultants together to layout a workable project timeline for discussion. Mr. Holland noted the suggestion serving Mr. Ashmore's concerns and specifics for GMA direction to achieve goals and Lone Star GCD's schedule overlaps. Mr. Martin noted the need for having a timeline set for the DFC process and model laying everything together in one visual document. Mr. Ashmore noted that he needs to see the hard dates of the DFC process and submittals.

Mr. Martin asked the consultants for their availability and thoughts about a timeline. Mr. Beach noted he believed a timeline could be completed in a month. Dr. Hutchison noted the history of discussions and development of the model, and the objective of the model update was to see how well we work together, and today's discussions show we do not work well together, being called irresponsible. Dr. Hutchison noted his willingness to work and talk and his pessimism about the group working. Ms. Kouba apologized for the word choice, and it was not meant as a technical comment, but a style and work to use better wording. Dr. Hutchison noted the focus of building science, but a huge part of science is working together.

Dr. Hutchison noted the discussion of the resolution, how it was developed, the complete obsession of this word "data" and subsidence information that are going to put in, but when a discussion came up about how that would affect the schedule that is when irresponsible was used. Dr. Hutchison noted his concern about the schedule, identified several GULF23 fixes, key answering questions like Mr. Ashmore's of "what does this mean for my district?" which the current documentation doesn't address. All those things have been lost because the discussion for the last 25-30 minutes has been about subsidence, which is important, but all the other is important too. Ms. Kouba confirmed that if we don't consider this data and don't attempt our best effort to utilize this data, this very big piece of data, that it would be irresponsible of this group, and it is not meant to be offensive. Ms. Kouba noted we need to meet the demands and different needs of our counties and to find a way for them to work on the regional level. Ms. Kouba noted the millions of dollars invested in this effort in Montgomery County that can only be for the achievement of the DFC collectively together.

Dr. Hutchison noted he still doesn't understand the obsession with subsidence, yes, it is important, but there are so many other things that are more important to making the model a useful tool. Ms. Reece noted Mr. Beach has proved how they are working on the regional update to the subsidence package in the regional model. Ms. Reece noted everyone is working on all of this and the group is having regular calls. Dr. Hutchison noted there are no regular calls. Ms. Reece noted Mr. Beach commented on the recent call and the schedule being followed. Dr.

Hutchison noted the last call a couple of weeks ago and has been waiting for a callback. Mr. Beach apologized for not responding and asked if Dr. Hutchison agreed we were working well together as a technical team. Dr. Hutchison answered no. Mr. Martin asked for Mr. Afinowicz's thoughts. Mr. Afinowicz noted willingness to work and talk through a path forward. Mr. Martin asked Dr. Hutchison if we can take a couple months to work something up tangible and at the end of two months we come back and know its not going to happen the GMA can pivot at that point. Dr. Hutchison noted he is always willing to work on this and has been pushing this for the last seven months with the extent of frustration is seeing seven months of hard work going down the drain.

Dr. Hutchison noted the subsidence data is not the issue – if it is available it is going in, if it is not there are ways to deal with that, if it comes in after we have submitted there are ways to fix that – that is not an issue and been discussed. Dr. Hutchison noted everyone is talking about this data like it is somehow a tipping point which it isn't as there are much bigger issues to the general model update. Dr. Hutchison noted the technical team met to figure out what we needed to do, the TWDB put out this guidance document last May. One of the requirements is the GMA adopt a resolution so in the discussion that we had on this GMA 14 update, the resolution requirement was mentioned. Dr. Hutchison noted he offered to take the existing example and circulate the draft with the technical team for comments to be submitted to Mr. Martin to be part of the next agenda. Dr. Hutchison noted Mr. Beach's three corrections being typos and the addition of "data" which were fine and accepted within five minutes of receipt and sent to Mr. Martin. The comments were on the level of a typo but somehow the word "data" became an issue and a big point of discussion at the last Lone Star GCD Board meeting and a big point of discussion here. Dr. Hutchison noted that is an example of how it is becoming hard to work with the people to do the science, not necessarily with Mr. Beach or Mr. Keester, or others, but this collective Lone Star GCD attitude that we have to have it our way and we are going to fight and be aggressive about absolutely everything when there was never any reason to have any kind of disagreement. Dr. Hutchison noted this is all in the last two weeks. Ms. Reece noted the Lone Star GCD Board only gave Ms. Kouba authority to approve the resolution that supported their goals and while it was discussed at the meeting, there wasn't a big deal made. Dr. Hutchison noted his disagreement and that this word "data" was extremely important to Lone Star GCD. Dr. Hutchison noted the only version of the resolution without "data" was the initial draft which was accepted immediately before sending to GMA 14. Mr. Beach noted the historical context of "data" dates back a year and Lone Star GCDs meeting with TWDB about recalibrating and updating the model.

Mr. Martin appreciated the conversation and asked about suggestions moving forward. Mr. Holland noted gathering the consultants to discuss and have a clear timeline and would volunteer to coordinate the consultant conglomerate to bring a timeline back to the group. Mr. Ashmore made the motion for Mr. Holland to coordinate with the three consultants to put a timeline

together for the next meeting including the DFC process and model update, seconded by Ms. Kouba. Motion carried unanimously.

Agenda Item 12

Mr. Martin called for discussion and possible action regarding the next meeting date, location, and agenda items. Ms. Kouba offered Lone Star GCD offices as a potential host. Mr. Martin asked if there were any objections to the Conroe location, and there were none. Mr. Martin noted Conroe as a potential location and the date and time would be determined later.

Agenda Item 13

Without further discussion or comment and there being no further business, the meeting was adjourned at 12:11 PM.

PASSED, APPROVED, AND ADOPTED THIS 14th day of May, 2024

John M Martin

Chairman

ATTEST:

Secretary

APPENDIX 3-A2

MAG PEAK FACTOR APPROVAL

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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

January 2, 2025

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

Dear Chairman Evans:

The Texas Water Development Board (TWDB) has reviewed Region H's request, dated November 13, 2024, for approval to utilize a MAG peak factor for the Gulf Coast Aquifer in Brazoria County, for the purpose of establishing groundwater availability for drought condition planning in the 2026 Region H Regional Water Plan (RWP). This letter confirms that the TWDB approves the request as shown in the table below:

County	Aquifer	Groundwater Conservation District (GCD)	Groundwater Management Area (GMA)	MAG Peak Factor
Brazoria	Gulf Coast	Brazoria County GCD	14	129.89%

This approval is specific to the Gulf Coast Aquifer in Brazoria County. Any additional MAG peak factor requests for use in the Region H RWP will be subject to the TWDB's review and approval.

While the TWDB authorizes these groundwater availability estimates for development of the 2026 Region H RWP, it is the responsibility of the planning group to ensure that the estimates of water availability are reasonable for drought planning purposes and will reflect conditions expected in the event of actual drought conditions; and in all other regards will be evaluated in accordance with the contract Exhibit C, *Second Amended General Guidelines for Sixth Cycle of Regional Water Plan Development.*

Please do not hesitate to contact Heather Rose of our Regional Water Planning staff at 512-475-1558 or heather.rose@twdb.texas.gov if you have any questions.

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

Board Members
Brooke T. Paup, Chairwoman | L'Oreal Stepney, P.E., Board Member | Tonya R. Miller, Board Member
Bryan McMath, Executive Administrator

Sincerely,

Matt Nelson
Matt Nelson (Jan 2, 2025 15:12 CST)

Matt Nelson
Deputy Executive Administrator

c: Aubrey Spear, San Jacinto River Authority
Philip Taucer, Freese and Nichols, Inc.
Courtney Corso, Freese and Nichols, Inc.
Jordan Skipwith, Freese and Nichols, Inc.
John Martin, GMA 14
Beverly Hopkins, Brazoria County GCD
Temple McKinnon, TWDB
Natalie Ballew, TWDB
Sarah Lee, TWDB
Daryn Hardwick, TWDB
Heather Rose, TWDB
Shirley Wade, TWDB

APPENDIX 3-A3

ORIGINAL AND MODIFIED GROUNDWATER SOURCE AVAILABILITY

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Table 3-A1 – Original and Modified Groundwater Source Availability

Aquifer Name	County	Basin	Peak Factor	Unmodified Modeled Available Groundwater (ac ft/yr)						Modified Groundwater Availability for Planning (ac ft/yr)					
				2030	2040	2050	2060	2070	2080	2030	2040	2050	2060	2070	2080
Gulf Coast Aquifer System	Brazoria	Brazos	129.89%	3,641	3,578	3,510	3,454	3,407	3,407	4,729	4,647	4,559	4,486	4,425	4,425
	Brazoria	Brazos-Colorado	129.89%	10,049	9,846	9,582	9,324	9,072	9,072	13,053	12,789	12,446	12,111	11,784	11,784
	Brazoria	San Jacinto-Brazos	129.89%	41,240	41,483	41,803	42,110	42,408	42,408	53,567	53,882	54,298	54,697	55,084	55,084

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APPENDIX 3-B

DOCUMENTATION OF MODEL FILES USED IN DETERMINING SURFACE WATER AVAILABILITY

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APPENDIX 3-B1

HYDROLOGIC VARIANCE REQUEST AND APPROVAL

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MEMORANDUM

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10497 Town and Country Way, Suite 500 + Houston, Texas 77024 + 713-600-6800 + FAX 817-735-7491 www.freese.com

TO: Heather Rose

CC: Sabrina Anderson

FROM: Philip Taucer

SUBJECT: Request for Modifications to TCEQ Water Availability Models

DATE: 12/8/2023

PROJECT: SJR21660

---

1 Introduction

The Region H Water Planning Group (RHWPG) discussed required surface water supply analyses for the current cycle of Regional Water Plan (RWP) development at its May 3, 2023 regular meeting. At the same meeting, the RHWPG took formal action to authorize the Consultant Team to develop and submit to the Texas Water Development Board (TWDB) a variance request for the use of alternatives to the unmodified TCEQ WAM Run 3 models as a basis for determining firm water supplies for the 2026 RWP. After consideration of TWDB guidance and the results of review of the TCEQ WAM Run 3 models by the Region H Consultant Team, TWDB's approval is sought for exceptions to modeling requirements for the Trinity, Brazos/San Jacinto-Brazos, and Colorado/Brazos-Colorado WAMs. The proposed exceptions build upon the existing TCEQ WAM Run 3 with modifications to better reflect right-specific or basin-specific factors for Regional Planning purposes. In brief, the requested exceptions include the following.

- Trinity River Basin – Use of the modified Region C WAM as a base model to promote greater inter-regional consistency and incorporation of a limited quantity of return flows.
- Brazos River Basin / San Jacinto-Brazos Coastal Basin – Use of the modified Brazos G WAM as a base model to promote greater inter-regional consistency.
- Brazos-Colorado Coastal Basin – Adjustment of modeling procedures for multiple rights to better reflect permit conditions.

The proposed exceptions are discussed by basin in the following sections of this memorandum; corresponding documentation using TWDB's required Hydrologic Variance Request template is included as Attachment A. The RHWPG appreciates this opportunity to request modifications in order to more appropriately estimate surface water supply availability in the 2026 RWP. If you have any questions regarding the proposed changes or would like additional supporting data, please feel free to contact me at philip.taucer@freese.com.

2 Proposed Exceptions to Unmodified TCEQ WAM Run 3 Models

2.1 Trinity River Basin WAM

In order to promote inter-regional consistency, the RHWPG is seeking an exception from TWDB surface water modeling requirements to utilize the modified Region C WAM for the Trinity River Basin as a base model for analyses of surface water supply availability in Region H. This model, as noted in the August 2023 letter from Region C to TWDB, is based upon the posted TCEQ WAM Run 3, with modifications that reflect the operation of groups of reservoirs as systems, the adjustment of pool elevations where appropriate, and the adjustment of complex reservoir code to facilitate firm yield determination where applicable, as well as other changes.

The RHWPG has adopted the use of a modified Run 3 model for determining reservoir firm yield in the lower Trinity River Basin in the 2001, 2006, 2011, 2016, and 2021 RWPs. These models included a limited quantity of return flows in the upper basin expected to be available for future conditions as determined through correspondence with the Region C Planning Group. Inclusion of these flows is additionally reflective of authorization to utilize return flows in the water right for Lake Livingston, as amended. The RHWPG therefore requests an exception to conduct firm yield analysis to include a limited quantity of return flows in the Trinity River Basin.

2.2 Brazos River Basin / San Jacinto-Brazos Coastal Basin WAM

In order to promote inter-regional consistency, the RHWPG is seeking an exception from TWDB surface water modeling requirements to utilize the modified Brazos G WAM for the Brazos River Basin as a base model for analyses of surface water supply availability in Region H. The model is inclusive of the adjoining San Jacinto-Brazos Coastal Basin. This model, as noted in the October 27, 2023 letter from Carollo on behalf of the Brazos G RWPG to TWDB, is based upon the TCEQ WAM Run 3. The proposed Brazos G model, as indicated in the letter, includes changes to model certain aggregated contractual diversions in a disaggregated form, reflect existing subordination agreements, and incorporate some return flows, as well as other changes. Region H has similarly utilized the Brazos G WAM for prior RWPs.

2.3 Colorado River Basin / Brazos-Colorado Coastal Basin WAM

The Region H Water Planning Area includes the Brazos-Colorado Coastal Basin in the western portions of Austin, Fort Bend, and Brazoria Counties, with the remainder of the coastal basin within the Region K Water Planning Area. There are a number of surface water rights for various permitted uses in the basin, including multiple authorizations for irrigation diversions as well as several larger permits for industrial use. In reviewing the WAM for the basin (included within the TCEQ WAM Run 3 for the Colorado River Basin), opportunities were identified to adjust model code for two water rights to facilitate determination of firm yield and reflect annual streamflow diversion limits as specified in water right permits. Region H utilized the proposed modifications for the 2021 RWP.

2.3.1 Certificate of Adjudication 13-3421

Certificate of Adjudication (CoA) 13-3421, as amended, authorizes diversion of 20,000 ac-ft/yr of water from the San Bernard River by multiple water rights holders and storage in several off-channel reservoirs in the Region K Water Planning Area, with the various right holders granted access to differing storage volumes in the reservoirs. A portion of the diversion is also able to be taken as a run of river diversion at a downstream point within Region H if certain flow conditions are met or through releases of stored water to the downstream point. The WAM Run 3 represents this complex situation with composite reservoirs for each right holder's share of storage and an attempted downstream diversion of a portion

of the permit. The following modifications to the WAM Run 3 are proposed for RWP supply determination for Region H:

- Modeling of all diversions for the CoA occurring at the upstream reservoirs and diversion point on the San Bernard River to facilitate evaluation of reliable supply from the right.
- Applying limits to river diversions to prevent excess diversions from off-channel reservoir refilling.
- Application of a firm yield approach to determine the reliable supply from this portion of the run-of-river availability of the San Bernard River.

2.3.2 Certificate of Adjudication 13-3423

CoA 13-3423, as amended, authorizes diversion of 32,000 ac-ft/yr of water from the San Bernard River and storage in four off-channel reservoirs. The following modifications to the WAM Run 3 are proposed for RWP supply determination for Region H:

- Modeling of the off-channel reservoirs as a single composite reservoir to better reflect actual interconnectivity and use of storage by the right holder.
- Applying limits to river diversions to prevent excess diversions from off-channel reservoir refilling.
- Application of a firm yield approach to determine the reliable supply from this portion of the run-of-river availability of the San Bernard River.

Attachment A:

Hydrologic Variance Request Forms for Proposed Region H Modifications to the TCEQ WAMs

Attachment A-1:

Trinity River Basin

Surface Water Hydrologic Variance Request Checklist

Texas Water Development Board (TWDB) rules[1] require that regional water planning groups (RWPG) use most current Water Availability Models (WAM) from the Texas Commission on Environmental Quality (TCEQ) and assume full utilization of existing water rights and no return flows for surface water supply analysis. Additionally, evaluation of existing stored surface water available during Drought of Record conditions must be based on Firm Yield using anticipated sedimentation rates. However, the TWDB rules also allow, and **we encourage**, RWPGs to use more representative, water availability modeling assumptions; better site-specific information; or justified operational procedures other than Firm Yield with written approval (via a Hydrologic Variance) from the Executive Administrator in order to better represent and therefore prepare for expected drought conditions.

RWPGs must use this checklist, which is intended to save time and reduce effort, to request a Hydrologic Variance for estimating the availability of surface water sources. For Questions 4 – 10, please indicate whether the requested variance is for determining Existing Supply, Strategy Supply, or both. Please complete a separate checklist for each river basin in which variances are being requested.

Water Planning Region: H

1. Which major river basin does the request apply to? Please specify if the request only applies part of the basin or only to certain reservoirs.

   Trinity River Basin

2. Please give a brief, bulleted, description of the requested hydrologic variances including how the alternative availability assumptions vary from rule requirements, how the modifications will affect the associated annual availability volume(s) in the regional water plan, and why the variance is necessary or provides a better basis for planning. You must provide more-detailed descriptions in the subsequent checklist questions. Attach any available documentation supporting the request.

   - Region H requests to use the modified Region C WAM, as documented in the hydrologic variance request submitted by Region C in August 2023, as a base model for analyses of surface water supply availability in the Trinity River Basin in Region H to promote greater inter-regional consistency.
   - The modified Region C WAM uses the TCEQ WAM Run 3 as its base, with modifications that reflect the operation of groups of reservoirs as systems, the adjustment of pool elevations where appropriate, and the adjustment of complex reservoir code to facilitate firm yield determination where applicable. These variances are discussed in the Region C request referenced in Question 8.
   - Additionally, Region H requests to include a limited quantity of return flows in the Trinity River Basin. These modifications are discussed in greater detail in Question 9.

[1] 31 Texas Administrative Code (TAC) §§ 357.10(14) and 357.32(c)

3. Was this request submitted in a previous planning cycle? If yes, please indicate which cycle and note how it is different, if at all, from the previous request?

   Yes

   The variance request to utilize the modified Region C WAM was implemented in the 2016 and 2021 Region H RWPs, and Region H seeks the same authorization this cycle. The 2001, 2006, 2011, 2016, and 2021 Region H RWPs implemented hydrologic variances to include a limited quantity of return flows in the upper basin that are expected to be available for future conditions as determined through correspondence with Region C. The variance request is fundamentally the same, changing only in the estimated magnitudes and locations of return flows based upon more recent data and planning.

4. Are you requesting to extend the period of record beyond the current applicable WAM hydrologic period? If yes, please describe the proposed methodology. Indicate whether you believe there is a new drought of record in the basin.

   No

5. Are you requesting to use a reservoir safe yield? If yes, please describe in detail how the safe yield would be calculated and defined, which reservoir(s) it would apply to, and why the modification is needed or preferrable for drought planning purposes.

   No

6. Are you requesting to use a reservoir yield other than firm yield or safe yield? If yes, please describe, in a bulleted list, each modification requested including how the alternative yield was calculated, which reservoir(s) it applies to, and why the modification is needed or preferrable for drought planning purposes. Examples of alternative reservoir yield analyses may include using an alternative reservoir level, conditional reliability, or other special reservoir operations.

   No

7. Are you requesting to use a different model (such as a RiverWare or Excel-based models) than RUN 3 of the applicable TCEQ WAM? If yes, please describe the model being considered including how it incorporates water rights and prior appropriation and how it is more conservative than RUN 3 of the applicable TCEQ WAM.

   No

8. Are you requesting to use a modified TCEQ WAM? If yes, please describe in a bulleted list all modifications in detail including all specific changes to the WAM and whether the modified WAM is more conservative than the TCEQ WAM RUN 3. Examples of WAM modifications may include adding subordination agreements, contracts, updated water rights, modified spring

flows, updated lake evaporation, updated sedimentation[2], system or reservoir operations, or special operational procedures into the WAM.

Yes

Existing Supply

- Region H requests to use the modified Region C WAM, as documented in detail in the hydrologic variance request submitted by Region C in August 2023.
- The modified Region C WAM uses the TCEQ WAM Run 3 with the variances to incorporate new water rights, correct issues related to usable storage for one reservoir, and model several rights as systems.
- The RHWPG has adopted the use of a modified Run 3 model for determining firm yield of Lake Livingston in the lower Trinity River Basin in the 2001, 2006, 2011, 2016, and 2021 RWPs.
- These models included a limited quantity of return flows in the upper basin expected to be available for future conditions as determined through correspondence with the Region C Planning Group.
- The RHWPG therefore requests an exception to conduct firm yield analysis of Lake Livingston to include a limited quantity of return flows in the Trinity River Basin.

9. Are you requesting to include return flows in the modeling? If yes, are you doing so to model an indirect reuse water management strategy (WMS)? Please provide complete details regarding the proposed methodology for determining reuse WMS availability.

Yes

Existing Supply

Inclusion of return flows is consistent with authorizations to divert return flows granted by Certificate of Adjudication (CoA) 08-4248, as amended. The RHWPG has used a modified WAM Run 3 model for determining the firm yield of Lake Livingston in the lower Trinity River Basin in the 2001, 2006, 2011, 2016, and 2021 RWPs as part of existing supply analyses. These models have included a limited quantity of return flows in the upper basin that are expected to be available for future conditions as determined through correspondence with Region C. This exception is made for purposes of determining existing supply availability and is not related to a direct reuse WMS. Region H requests an exception to conduct firm yield analysis to include a limited quantity of return flows in the Trinity River Basin.

10. Are any of the requested Hydrologic Variances also planned to be used by another region for the same basin? If yes, please indicate the other Region. Please indicate if unknown.

[2] Updating anticipated sedimentation rates does not require a hydrologic variance under 31 TAC § 357.10(14). The Technical Memorandum will require providing details regarding the sedimentation methodology utilized. Please consider providing that information with this request.

Yes

The RHWPG seeks use of the modified Region C WAM for the Trinity River Basin as the basis for modeling of Trinity River Basin existing supply for Region H. The additional variance request by Region H to include a limited amount of return flow is specifically for Region H analyses and is not anticipated to be utilized by Region C or other regions.

11. Please describe any other variance requests not captured on this checklist or add any other information regarding the variance requests on this checklist.

No additional variance requests.

Attachment A-2:

Brazos River Basin and San Jacinto-Brazos Coastal Basin

Surface Water Hydrologic Variance Request Checklist

Texas Water Development Board (TWDB) rules[1] require that regional water planning groups (RWPG) use most current Water Availability Models (WAM) from the Texas Commission on Environmental Quality (TCEQ) and assume full utilization of existing water rights and no return flows for surface water supply analysis. Additionally, evaluation of existing stored surface water available during Drought of Record conditions must be based on Firm Yield using anticipated sedimentation rates. However, the TWDB rules also allow, and **we encourage**, RWPGs to use more representative, water availability modeling assumptions; better site-specific information; or justified operational procedures other than Firm Yield with written approval (via a Hydrologic Variance) from the Executive Administrator in order to better represent and therefore prepare for expected drought conditions.

RWPGs must use this checklist, which is intended to save time and reduce effort, to request a Hydrologic Variance for estimating the availability of surface water sources. For Questions 4 – 10, please indicate whether the requested variance is for determining Existing Supply, Strategy Supply, or both. Please complete a separate checklist for each river basin in which variances are being requested.

Water Planning Region: H

1. Which major river basin does the request apply to? Please specify if the request only applies part of the basin or only to certain reservoirs.

   Brazos River Basin and San Jacinto-Brazos Coastal Basin

2. Please give a brief, bulleted, description of the requested hydrologic variances including how the alternative availability assumptions vary from rule requirements, how the modifications will affect the associated annual availability volume(s) in the regional water plan, and why the variance is necessary or provides a better basis for planning. You must provide more-detailed descriptions in the subsequent checklist questions. Attach any available documentation supporting the request.

   - Region H requests to use the modified Brazos G WAM, as documented in the hydrologic variance request submitted by the Brazos G Regional Water Planning Group on October 27, 2023, as a base model for analyses of surface water supply availability in the Brazos River Basin and San Jacinto-Brazos Coastal Basin in Region H to promote greater inter-regional consistency.
   - The modified Brazos G WAM uses the TCEQ WAM Run 3 as its base. The modified Brazos G WAM includes modifications to model certain aggregated contractual diversions in a disaggregated form, reflect existing subordination agreements, and incorporate some return flows, as well as other changes.
   - These modifications are discussed in Questions 8 and 9.

[1] 31 Texas Administrative Code (TAC) §§ 357.10(14) and 357.32(c)

3. Was this request submitted in a previous planning cycle? If yes, please indicate which cycle and note how it is different, if at all, from the previous request?

   Yes

   The variance request to utilize the modified Brazos G WAM was implemented in the 2016 and 2021 Region H RWPs, and Region H seeks the same authorization this cycle. The variance request is fundamentally the same, seeking to utilize the Brazos G WAM for the corresponding RWP cycle to promote interregional consistency.

4. Are you requesting to extend the period of record beyond the current applicable WAM hydrologic period? If yes, please describe the proposed methodology. Indicate whether you believe there is a new drought of record in the basin.

   No

5. Are you requesting to use a reservoir safe yield? If yes, please describe in detail how the safe yield would be calculated and defined, which reservoir(s) it would apply to, and why the modification is needed or preferrable for drought planning purposes.

   No

6. Are you requesting to use a reservoir yield other than firm yield or safe yield? If yes, please describe, in a bulleted list, each modification requested including how the alternative yield was calculated, which reservoir(s) it applies to, and why the modification is needed or preferrable for drought planning purposes. Examples of alternative reservoir yield analyses may include using an alternative reservoir level, conditional reliability, or other special reservoir operations.

   No

7. Are you requesting to use a different model (such as a RiverWare or Excel-based models) than RUN 3 of the applicable TCEQ WAM? If yes, please describe the model being considered including how it incorporates water rights and prior appropriation and how it is more conservative than RUN 3 of the applicable TCEQ WAM.

   No

8. Are you requesting to use a modified TCEQ WAM? If yes, please describe in a bulleted list all modifications in detail including all specific changes to the WAM and whether the modified WAM is more conservative than the TCEQ WAM RUN 3. Examples of WAM modifications may include adding subordination agreements, contracts, updated water rights, modified spring flows, updated lake evaporation, updated sedimentation[2], system or reservoir operations, or special operational procedures into the WAM.

[2] Updating anticipated sedimentation rates does not require a hydrologic variance under 31 TAC § 357.10(14). The Technical Memorandum will require providing details regarding the sedimentation methodology utilized. Please consider providing that information with this request.

Yes

Existing Supply

- Region H requests to use the modified Brazos G WAM, as documented in the hydrologic variance request submitted by the Brazos G Regional Water Planning Group on October 27, 2023.
- The modified Brazos G WAM uses the TCEQ WAM Run 3 as its base. The modified Brazos G WAM includes modifications to model certain aggregated contractual diversions in a disaggregated form, reflect existing subordination agreements, and incorporate some return flows, as well as other changes.
- The RHWPG has adopted the use of the Brazos G WAM for determining existing supply availability in the lower Brazos River Basin and in the San Jacinto-Brazos Coastal Basin in the 2016 and 2021 RWPs.

9. Are you requesting to include return flows in the modeling? If yes, are you doing so to model an indirect reuse water management strategy (WMS)? Please provide complete details regarding the proposed methodology for determining reuse WMS availability.

   Yes

   Existing Supply

   Region H requests to use the modified Brazos G WAM, which includes the addition of return flows in the WAM. The hydrologic variance request submitted by Brazos G indicates that return flows will be added for wastewater treatment plants with effluent discharge in excess of 0.9 MGD, with the magnitude of the return flows based on the minimum discharge from the previous 5 years of available historical data. The RHWPG is not currently seeking variances for inclusion of return flows beyond those already requested by Brazos G.

10. Are any of the requested Hydrologic Variances also planned to be used by another region for the same basin? If yes, please indicate the other Region. Please indicate if unknown.

    Yes

    The RHWPG seeks use of the modified Brazos G WAM as the basis for modeling of Brazos River Basin and San Jacinto-Brazos Coastal Basin existing supply for Region H. Region H is not currently seeking variances for these basins beyond the use of the Brazos G model.

11. Please describe any other variance requests not captured on this checklist or add any other information regarding the variance requests on this checklist.

    No additional variance requests.

Attachment A-3:

Colorado River Basin and Brazos-Colorado Coastal Basin

Surface Water Hydrologic Variance Request Checklist

Texas Water Development Board (TWDB) rules[1] require that regional water planning groups (RWPG) use most current Water Availability Models (WAM) from the Texas Commission on Environmental Quality (TCEQ) and assume full utilization of existing water rights and no return flows for surface water supply analysis. Additionally, evaluation of existing stored surface water available during Drought of Record conditions must be based on Firm Yield using anticipated sedimentation rates. However, the TWDB rules also allow, and **we encourage**, RWPGs to use more representative, water availability modeling assumptions; better site-specific information; or justified operational procedures other than Firm Yield with written approval (via a Hydrologic Variance) from the Executive Administrator in order to better represent and therefore prepare for expected drought conditions.

RWPGs must use this checklist, which is intended to save time and reduce effort, to request a Hydrologic Variance for estimating the availability of surface water sources. For Questions 4 – 10, please indicate whether the requested variance is for determining Existing Supply, Strategy Supply, or both. Please complete a separate checklist for each river basin in which variances are being requested.

Water Planning Region: H

1. Which major river basin does the request apply to? Please specify if the request only applies part of the basin or only to certain reservoirs.

   Brazos-Colorado Coastal Basin

2. Please give a brief, bulleted, description of the requested hydrologic variances including how the alternative availability assumptions vary from rule requirements, how the modifications will affect the associated annual availability volume(s) in the regional water plan, and why the variance is necessary or provides a better basis for planning. You must provide more-detailed descriptions in the subsequent checklist questions. Attach any available documentation supporting the request.

   - The Region H Water Planning Group (RHWPG) requests to modify TCEQ's Colorado WAM Run 3 (includes the Brazos-Colorado Coastal Basin) in order to adjust the modeling procedures for multiple water rights, including:
     - Reflecting multiple small, related impoundments as single composite impoundments
     - Incorporation of diversion limits as specified in the corresponding water rights.
   - The changes facilitate determination of modeled firm yield.
   - Requested changes would be of a comparable or slightly greater degree of conservatism regarding supply availability relative to the unmodified WAM due to application of diversion limits specified in the water rights.
   - These revisions are addressed in greater detail in Question 8.

[1] 31 Texas Administrative Code (TAC) §§ 357.10(14) and 357.32(c)

3. Was this request submitted in a previous planning cycle? If yes, please indicate which cycle and note how it is different, if at all, from the previous request?

   Yes

   The same hydrologic variance requests were implemented in the 2021 Region H Water Plan. This request does not differ from the previous request except that the requested changes are implemented in the latest version of the Colorado WAM Run 3 (last updated by TCEQ 10/1/2023).

4. Are you requesting to extend the period of record beyond the current applicable WAM hydrologic period? If yes, please describe the proposed methodology. Indicate whether you believe there is a new drought of record in the basin.

   No

5. Are you requesting to use a reservoir safe yield? If yes, please describe in detail how the safe yield would be calculated and defined, which reservoir(s) it would apply to, and why the modification is needed or preferrable for drought planning purposes.

   No

6. Are you requesting to use a reservoir yield other than firm yield or safe yield? If yes, please describe, in a bulleted list, each modification requested including how the alternative yield was calculated, which reservoir(s) it applies to, and why the modification is needed or preferrable for drought planning purposes. Examples of alternative reservoir yield analyses may include using an alternative reservoir level, conditional reliability, or other special reservoir operations.

   No

7. Are you requesting to use a different model (such as a RiverWare or Excel-based models) than RUN 3 of the applicable TCEQ WAM? If yes, please describe the model being considered including how it incorporates water rights and prior appropriation and how it is more conservative than RUN 3 of the applicable TCEQ WAM.

   No

8. Are you requesting to use a modified TCEQ WAM? If yes, please describe in a bulleted list all modifications in detail including all specific changes to the WAM and whether the modified WAM is more conservative than the TCEQ WAM RUN 3. Examples of WAM modifications may include adding subordination agreements, contracts, updated water rights, modified spring flows, updated lake evaporation, updated sedimentation[2], system or reservoir operations, or special operational procedures into the WAM.

[2] Updating anticipated sedimentation rates does not require a hydrologic variance under 31 TAC § 357.10(14). The Technical Memorandum will require providing details regarding the sedimentation methodology utilized. Please consider providing that information with this request.

Yes

Existing Supply

Requested modifications include:

- Certificate of Adjudication (CoA) 13-3421, as amended, authorizes diversion of 20,000 ac-ft/yr of water from the San Bernard River by multiple water rights holders and storage in several off-channel reservoirs in the Region K Water Planning Area, with the various right holders granted access to differing storage volumes in the reservoirs. A portion of the diversion is also able to be taken as a run of river diversion at a downstream point within Region H if certain flow conditions are met or through releases of stored water to the downstream point. The WAM Run 3 represents this complex situation with composite reservoirs for each right holder's share of storage and an attempted downstream diversion of a portion of the permit. The following modifications to the WAM Run 3 are proposed for RWP supply determination for Region H:
    - Modeling of all diversions for the right occurring at the upstream reservoirs and diversion point on the San Bernard River to facilitate evaluation of reliable supply from the right.
    - Applying limits to river diversions to prevent excess diversions from off-channel reservoir refilling.
    - Application of a firm yield approach to determine the reliable supply from this portion of the run-of-river availability of the San Bernard River.

- CoA 13-3423, as amended, authorizes diversion of 32,000 ac-ft/yr of water from the San Bernard River and storage in four off-channel reservoirs. The following modifications to the WAM Run 3 are proposed for RWP supply determination for Region H:
    - Modeling of the off-channel reservoirs as a single composite reservoir to better reflect actual interconnectivity and use of storage by the right holder.
    - Applying limits to river diversions to prevent excess diversions from off-channel reservoir refilling.
    - Application of a firm yield approach to determine the reliable supply from this portion of the run-of-river availability of the San Bernard River.

Requested changes would be of a comparable or slightly greater degree of conservatism regarding supply availability relative to the unmodified WAM due to application of diversion limits specified in the water rights.

9. Are you requesting to include return flows in the modeling? If yes, are you doing so to model an indirect reuse water management strategy (WMS)? Please provide complete details regarding the proposed methodology for determining reuse WMS availability.

    No

10. Are any of the requested Hydrologic Variances also planned to be used by another region for the same basin? If yes, please indicate the other Region. Please indicate if unknown.

    No

11. Please describe any other variance requests not captured on this checklist or add any other information regarding the variance requests on this checklist.

    No additional variance requests.

Texas Water Development Board

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

January 16, 2024

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

Dear Chairman Evans:

I have reviewed the Region H memorandum dated December 8, 2023, for approval of alternative water supply assumptions to be used in determining existing surface water availability. This letter confirms that the TWDB approves the following assumptions that require a variance:

1. In the Trinity River Basin, use the Trinity WAM as modified by the Region C RWPG and approved by the TWDB for existing supply analyses.
2. Include a limited quantity of return flows in the modified Trinity WAM to conduct the firm yield analysis of Lake Livingston for evaluating existing supply.
3. In the Brazos River Basin and the San Jacinto-Brazos Coastal Basin, use the Brazos G WAM as modified by the Region G RWPG and approved by the TWDB for existing supply analyses.
4. In the Brazos-Colorado Coastal Basin, modify the Colorado WAM (which includes the Brazos-Colorado Coastal Basin) to adjust the modeling procedures for multiple water rights to evaluate existing supply.

For the purpose of evaluating potentially feasible water management strategies, the TCEQ WAM Run 3 is to be used, unless a separate hydrologic variance for water management strategy availability is submitted and approved by the TWDB.

While the TWDB authorizes these modification to evaluate existing water supplies for development of the 2026 Region H RWP, it is the responsibility of the RWPG to ensure that the resulting estimates of water availability are reasonable for drought planning purposes and will reflect conditions expected in the event of actual drought conditions; and in all other regards will be evaluated in accordance with the most recent version of regional water planning contract Exhibit C, *General Guidelines for Development of the 2026 Regional Water Plans.*

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

Jeff Walker, Executive Administrator

Please do not hesitate to contact Heather Rose of our Regional Water Planning staff at 512-475-1558 or heather.rose@twdb.texas.gov if you have any questions.

Sincerely,

Matt Nelson Digitally signed by Matt Nelson
Date: 2024.01.16 12:09:38 -06'00'

Matt Nelson
Deputy Executive Administrator

c: Ed Shackelford, San Jacinto River Authority
Philip Taucer, Freese & Nichols, Inc.
Courtney Corso, Freese & Nichols, Inc.
Jordan Skipwith, Freese & Nichols, Inc
Heather Rose, Water Supply Planning
Sarah Lee, Water Supply Planning
Nelun Fernando, Ph.D., Surface Water
Abigail Gardner, Freese & Nichols, Inc. (Region C)
Tony Smith, Carollo Engineers (Region G)

APPENDIX 3-B2

SUMMARY OF MODEL RUNS TO DETERMINE SURFACE WATER SOURCE AVAILABILITY

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Table 3-B1 – Summary of Model Runs to Determine Surface Water Source Availability

Model Root File Name	Basin	Run 3 Version Date	Description of Modifications	EA Approval Date	DB27 Source Name	Modeler	Execution Date
C3_FNI	Colorado / Brazos-Colorado	10/1/2023	Reduced model period to 59 years (1940 - 1998) due to lack of hydrology information for Brazos-Colorado coastal basin	1/16/2024	Brazos-Colorado Run-of-River (portion of availability associated with water rights 13-3433 and 13-5331)	FNI	12/23/2023
C3_FNI3421	Colorado / Brazos-Colorado	10/1/2023	Reduced model period to 59 years (1940 - 1998) due to lack of hydrology information for Brazos-Colorado coastal basin; Modified CoA 3421 and CoA 3423 to take all diversions at composite reservoirs; Run to determine firm yield of composite reservoir associated with CoA 3421	1/16/2024	Brazos-Colorado Run-of-River (portion of availability associated with the portion of water right 13-3421 in Region H)	FNI	12/23/2023
C3_FNI3423	Colorado / Brazos-Colorado	10/1/2023	Reduced model period to 59 years (1940 - 1998) due to lack of hydrology information for Brazos-Colorado coastal basin; Modified CoA 3421 and CoA 3423 to take all diversions at composite reservoirs; Run to determine firm yield of composite reservoir associated with CoA 3423	1/16/2024	Brazos-Colorado Run-of-River (portion of availability associated with water right 13-3423)	FNI	12/23/2023
BrazosG_2030	Brazos	10/1/2023	Modifications by Region G RWPG, including extension of hydrology and simulation period through 2018	1/16/2024	Brazos Run-of-River	FNI	10/8/2024
BrazosG_2080	Brazos	10/1/2023	Modifications by Region G RWPG, including extension of hydrology and simulation period through 2018	1/16/2024	Brazos Run-of-River	FNI	10/8/2024
BrazosG_2030	San Jacinto-Brazos	10/1/2023	Modifications by Region G RWPG, limited analysis to simulated years 1940-1997 (hydrology not extended in San Jacinto-Brazos basin)	1/16/2024	San Jacinto-Brazos Run-of-River	FNI	10/8/2024
BrazosG_2080	San Jacinto-Brazos	10/1/2023	Modifications by Region G RWPG, limited analysis to simulated years 1940-1997 (hydrology not extended in San Jacinto-Brazos basin)	1/16/2024	San Jacinto-Brazos Run-of-River	FNI	10/8/2024
sjarun3_ROR	San Jacinto	10/1/2023	n/a	n/a	San Jacinto Run-of-River	FNI	12/5/2023

Model Root File Name	Basin	Run 3 Version Date	Description of Modifications	EA Approval Date	DB27 Source Name	Modeler	Execution Date
sjarun3_30_con	San Jacinto	10/1/2023	2030 sedimentation of major reservoirs	n/a	Conroe Lake/Reservoir	FNI	12/26/2023
sjarun3_40_con	San Jacinto	10/1/2023	2040 sedimentation of major reservoirs	n/a	Conroe Lake/Reservoir	FNI	12/26/2023
sjarun3_50_con	San Jacinto	10/1/2023	2050 sedimentation of major reservoirs	n/a	Conroe Lake/Reservoir	FNI	12/28/2023
sjarun3_60_con	San Jacinto	10/1/2023	2060 sedimentation of major reservoirs	n/a	Conroe Lake/Reservoir	FNI	12/26/2023
sjarun3_70_con	San Jacinto	10/1/2023	2070 sedimentation of major reservoirs	n/a	Conroe Lake/Reservoir	FNI	12/26/2023
sjarun3_80_con	San Jacinto	10/1/2023	2080 sedimentation of major reservoirs	n/a	Conroe Lake/Reservoir	FNI	12/26/2023
sjarun3_30_hou	San Jacinto	10/1/2023	2030 sedimentation of major reservoirs	n/a	Houston Lake/Reservoir	FNI	12/14/2023
sjarun3_40_hou	San Jacinto	10/1/2023	2040 sedimentation of major reservoirs	n/a	Houston Lake/Reservoir	FNI	12/21/2023
sjarun3_50_hou	San Jacinto	10/1/2023	2050 sedimentation of major reservoirs	n/a	Houston Lake/Reservoir	FNI	12/21/2023
sjarun3_60_hou	San Jacinto	10/1/2023	2060 sedimentation of major reservoirs	n/a	Houston Lake/Reservoir	FNI	12/21/2023
sjarun3_70_hou	San Jacinto	10/1/2023	2070 sedimentation of major reservoirs	n/a	Houston Lake/Reservoir	FNI	12/26/2023
sjarun3_80_hou	San Jacinto	10/1/2023	2080 sedimentation of major reservoirs	n/a	Houston Lake/Reservoir	FNI	12/26/2023
TSJ3	Trinity-San Jacinto	10/1/2023	n/a	n/a	Trinity-San Jacinto Run-of-River	FNI	11/9/2023
Trin3_NoSed	Trinity	10/1/2023	Modifications by Region C RWPG	1/16/2024	Trinity Run-of-River	FNI	6/10/2024
t3_2030_man	Trinity	10/1/2023	Modifications by Region C RWPG, including 2030 sedimentation of major reservoirs. Inclusion of limited return flows.	1/16/2024	Livingston-Wallisville Lake/Reservoir System	FNI	7/9/2024
t3_2050_man	Trinity	10/1/2023	Modifications by Region C RWPG, including 2050 sedimentation of major reservoirs. Inclusion of limited return flows.	1/16/2024	Livingston-Wallisville Lake/Reservoir System	FNI	7/10/2024

Model Root File Name	Basin	Run 3 Version Date	Description of Modifications	EA Approval Date	DB27 Source Name	Modeler	Execution Date
t3_2080_man	Trinity	10/1/2023	Modifications by Region C RWPG, including 2080 sedimentation of major reservoirs. Inclusion of limited return flows.	1/16/2024	Livingston-Wallisville Lake/Reservoir System	FNI	7/10/2024
NT3	Neches-Trinity	10/1/2023	n/a	n/a	Neches-Trinity Run-of-River	FNI	11/10/2023
Neches3	Neches	10/1/2023	n/a	n/a	Neches Run-of-River	FNI	11/30/2023

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APPENDIX 3-C

LIST OF WATER RIGHTS USED AS BASIS OF SUPPLY

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Table 3-C1 – Water Rights Used in Development of Surface Water Source Availability

DB27 Source ID	DB27 Source Name	Basin	County	Water Right Permit Number[1,2]	Water Right Owner Name	Reservoir Operator[3]	Permitted Annual Diversion Volume (ac ft/yr)	Permitted Storage Capacity (ac ft/yr)
2046	Brazos Run-of-River	Brazos	Waller	C4009	John F Ammons	N/A	136	0
429	Brazos Run-of-River	Brazos	Fort Bend	C5168	Gulf Coast Water Authority	Gulf Coast Water Authority	99,932	7,308
2979	Gulf Coast Water Authority Lake/Reservoir	San Jacinto-Brazos	Reservoir	C5168	Gulf Coast Water Authority	Gulf Coast Water Authority	99,932	7,308
429	Brazos Run-of-River	Brazos	Fort Bend	C5171	Gulf Coast Water Authority	N/A	125,000	0
2046	Brazos Run-of-River	Brazos	Waller	C5319	Dorine Laas; Harvey S. Laas; Weldon S. Laas	N/A	117	41
429	Brazos Run-of-River	Brazos	Fort Bend	C5320	NRG Texas Power LLC	N/A	40,000	0
429	Brazos Run-of-River	Brazos	Fort Bend	C5322	Gulf Coast Water Authority	N/A	155,000	864
325	Brazos Run-of-River	Brazos	Brazoria	C5323	Virginia Turner Brooks; Beverly T. McDonald	N/A	112	550
429	Brazos Run-of-River	Brazos	Fort Bend	C5325	NRG Texas Power LLC	NRG Texas Power LLC	28,711	18,750
2988	Smithers Lake/Reservoir	Brazos	Reservoir	C5325	NRG Texas Power LLC	NRG Texas Power LLC	28,711	18,750
325	Brazos Run-of-River	Brazos	Brazoria	C5327	Texas Department of Criminal Justice	N/A	746	0
2971	Brazoria Lake/Reservoir	Brazos	Reservoir	C5328	The Dow Chemical Company	The Dow Chemical Company	305,656	89,563
325	Brazos Run-of-River	Brazos	Brazoria	C5328	The Dow Chemical Company	The Dow Chemical Company	305,656	89,563
325	Brazos Run-of-River	Brazos	Brazoria	C5329	Billy J. Terry	N/A	500	2,000
325	Brazos Run-of-River	Brazos	Brazoria	C5366	Brazosport Water Authority	N/A	45,000	0
325	Brazos Run-of-River	Brazos	Brazoria	C5492	U.S. Department of the Interior Fish and Wildlife Service	U.S. Department of the Interior Fish and Wildlife Service	1,800	11,315
2993	Eagle Nest Lake/Reservoir	Brazos	Reservoir	C5492	U.S. Department of the Interior Fish and Wildlife Service	U.S. Department of the Interior Fish and Wildlife Service	1,800	11,315
429	Brazos Run-of-River	Brazos	Fort Bend	P5552	Campbell Concrete & Materials, L.P.	N/A	2,300	11
429	Brazos Run-of-River	Brazos	Fort Bend	P5567	Campbell Concrete & Materials, L.P.	N/A	2,100	2,000

DB27 Source ID	DB27 Source Name	Basin	County	Water Right Permit Number[1,2]	Water Right Owner Name	Reservoir Operator[3]	Permitted Annual Diversion Volume (ac ft/yr)	Permitted Storage Capacity (ac ft/yr)
326	Brazos-Colorado Run-of-River	Brazos-Colorado	Brazoria	C3421	Phillips 66 Company Et Al	N/A	17,400	16,118
326	Brazos-Colorado Run-of-River	Brazos-Colorado	Brazoria	C3422	Phillips 66 Company	N/A	2,625	2,625
326	Brazos-Colorado Run-of-River	Brazos-Colorado	Brazoria	C3423	Phillips 66 Company	Phillips 66 Company	32,000	9,327
2994	Phillips Petroleum off-channel Lake/Reservoir	Brazos-Colorado	Reservoir	C3423	Phillips 66 Company	Phillips 66 Company	32,000	9,327
326	Brazos-Colorado Run-of-River	Brazos-Colorado	Brazoria	C3424	Irving M. Pittman, III	N/A	54	0
326	Brazos-Colorado Run-of-River	Brazos-Colorado	Brazoria	C3425	Chevron Phillips Chemical Co Lp	N/A	5,350	0
326	Brazos-Colorado Run-of-River	Brazos-Colorado	Brazoria	C3433	Hilcorp Energy I, L.P.; Mobil Producing Texas & New Mexico Inc.	N/A	2,000	300
326	Brazos-Colorado Run-of-River	Brazos-Colorado	Brazoria	C5331	Texas Department of Criminal Justice	N/A	1,076	966
326	Brazos-Colorado Run-of-River	Brazos-Colorado	Brazoria	P3810	George and Anastacia McInnis Living Trust 1999	N/A	180	0
326	Brazos-Colorado Run-of-River	Brazos-Colorado	Brazoria	P3955	Benny Wleczyk; Paul Wleczyk	N/A	1,752	0
326	Brazos-Colorado Run-of-River	Brazos-Colorado	Brazoria	P4006	Easy Reach Investments LLC	N/A	260	0
326	Brazos-Colorado Run-of-River	Brazos-Colorado	Fort Bend	P4162	John R Coultter; Ruth Coulter	N/A	72	0
326	Brazos-Colorado Run-of-River	Brazos-Colorado	Brazoria	P5244	Texas Parks And Wildlife Department	N/A	0	84
326	Brazos-Colorado Run-of-River	Brazos-Colorado	Brazoria	P5446	U.S. Department of the Interior Fish and Wildlife Service	N/A	1,086	1,086
2522	Neches Run-of-River	Neches	Liberty	C4431	Jim Best	N/A	354	180
2522	Neches Run-of-River	Neches	Liberty	P5508	Henderson Partners Ltd.	N/A	1,250	0
328	Neches-Trinity Run-of-River	Neches-Trinity	Chambers	C4287	W E Jenkins Jr Et Al	N/A	4,900	589
328	Neches-Trinity Run-of-River	Neches-Trinity	Chambers	C4288	Alecia Turner; Jimmy Turner	N/A	204	0
328	Neches-Trinity Run-of-River	Neches-Trinity	Chambers	C4289	Southeast Bar Ranch, LLC	N/A	535	0
328	Neches-Trinity Run-of-River	Neches-Trinity	Chambers	C4290	Thomas Lloyd Fahring Jr. Family Trusts	N/A	535	0
328	Neches-Trinity Run-of-River	Neches-Trinity	Chambers	C4291	D. Mayes Middleton II Non-Exempt Trust	N/A	43	0
328	Neches-Trinity Run-of-River	Neches-Trinity	Chambers	C4292	Donald G Nelson et al	N/A	250	0

DB27 Source ID	DB27 Source Name	Basin	County	Water Right Permit Number[1,2]	Water Right Owner Name	Reservoir Operator[3]	Permitted Annual Diversion Volume (ac ft/yr)	Permitted Storage Capacity (ac ft/yr)
328	Neches-Trinity Run-of-River	Neches-Trinity	Chambers	C4293	Edmonds Brothers Farms	N/A	1,780	530
328	Neches-Trinity Run-of-River	Neches-Trinity	Chambers	C4294	1951 Interests, LP	N/A	674	2,669
328	Neches-Trinity Run-of-River	Neches-Trinity	Chambers	C4295	Stephen Temple Fitzgerald; Tyler Stephen Fitzgerald	N/A	1,400	773
328	Neches-Trinity Run-of-River	Neches-Trinity	Chambers	C4296	U.S. Department of the Interior Fish and Wildlife Service	N/A	21,000	1,025
328	Neches-Trinity Run-of-River	Neches-Trinity	Chambers	C4297	Chambers County	N/A	675	675
328	Neches-Trinity Run-of-River	Neches-Trinity	Chambers	C4298	Brown Brothers Farm, Inc.	N/A	891	120
328	Neches-Trinity Run-of-River	Neches-Trinity	Chambers	C4299	Ocie R Jackson	N/A	1,834	0
328	Neches-Trinity Run-of-River	Neches-Trinity	Chambers	C4300	Bobby Jack Enloe Et Ux	N/A	875	252
328	Neches-Trinity Run-of-River	Neches-Trinity	Chambers	C4301	Barrow Ranches	N/A	2,000	604
328	Neches-Trinity Run-of-River	Neches-Trinity	Chambers	C4302	U.S. Department of the Interior Fish and Wildlife Service	N/A	5,932	952
328	Neches-Trinity Run-of-River	Neches-Trinity	Chambers	C4303	Dave Wilcox	N/A	68	0
328	Neches-Trinity Run-of-River	Neches-Trinity	Chambers	C4304	Bay Prairie Farms Llc	N/A	7,560	485
328	Neches-Trinity Run-of-River	Neches-Trinity	Chambers	C4305	William S Edwards	N/A	1,200	2,139
328	Neches-Trinity Run-of-River	Neches-Trinity	Chambers	C4306	W.S. Edwards Family Limited Partnership	N/A	2,100	353
328	Neches-Trinity Run-of-River	Neches-Trinity	Chambers	C4308	Ann Austin; Jerry Devillier; Samuel Devillier	N/A	1,109	0
328	Neches-Trinity Run-of-River	Neches-Trinity	Chambers	C4309	Spindle Top Bayou Farm, Inc.	N/A	2,118	480
328	Neches-Trinity Run-of-River	Neches-Trinity	Chambers	C4310	May Youmans Trust	N/A	413	0
328	Neches-Trinity Run-of-River	Neches-Trinity	Chambers	C4311	D. Mayes Middleton II Non-Exempt Trust	N/A	2,700	649
328	Neches-Trinity Run-of-River	Neches-Trinity	Chambers	C4312	Jess Matthews Jr Et Al	N/A	2,223	0
328	Neches-Trinity Run-of-River	Neches-Trinity	Chambers	P3944	May Youmans Trust	N/A	1,123	0
328	Neches-Trinity Run-of-River	Neches-Trinity	Chambers	P3945	May Youmans Trust	N/A	403	0
328	Neches-Trinity Run-of-River	Neches-Trinity	Chambers	P3951	Don Wesley Lagow Et Al	N/A	1,220	187

DB27 Source ID	DB27 Source Name	Basin	County	Water Right Permit Number[1,2]	Water Right Owner Name	Reservoir Operator[3]	Permitted Annual Diversion Volume (ac ft/yr)	Permitted Storage Capacity (ac ft/yr)
328	Neches-Trinity Run-of-River	Neches-Trinity	Chambers	P3952	Solmon Wesley Barrow Et Al	N/A	1,220	800
328	Neches-Trinity Run-of-River	Neches-Trinity	Chambers	P3953	Wayne Morris Et Ux	N/A	880	0
328	Neches-Trinity Run-of-River	Neches-Trinity	Chambers	P3954	Louise Barrow Gorton	N/A	880	0
328	Neches-Trinity Run-of-River	Neches-Trinity	Chambers	P5016	John M Blackwell	N/A	1,250	411
328	Neches-Trinity Run-of-River	Neches-Trinity	Chambers	P5059	Jere Ruff	N/A	30	3
328	Neches-Trinity Run-of-River	Neches-Trinity	Chambers	P5467	Randy G Price ET UX	N/A	150	64
375	San Jacinto Run-of-River	San Jacinto	Harris	C3964	Coastal Prairie Conservancy	N/A	200	640
375	San Jacinto Run-of-River	San Jacinto	Harris	C3966	Bridgeland Development Lp	N/A	25	0
2523	San Jacinto Run-of-River	San Jacinto	Liberty	C3970	Jacqueline H G Albrecht Et Al	N/A	15	0
2048	San Jacinto Run-of-River	San Jacinto	Montgomery	C3974	The Jerry Nicholas Family Trust	N/A	40	0
375	San Jacinto Run-of-River	San Jacinto	Harris	C3980	Seaberg et al	N/A	1,600	400
375	San Jacinto Run-of-River	San Jacinto	Harris	C3982	Cinco Ranch East	N/A	45	0
375	San Jacinto Run-of-River	San Jacinto	Harris	C3983	Harold and Jesse Freeman	N/A	800	150
375	San Jacinto Run-of-River	San Jacinto	Harris	C3984	LMJCO, Inc.	N/A	26	0
375	San Jacinto Run-of-River	San Jacinto	Harris	C3985	River Oaks Country Club	N/A	460	75
375	San Jacinto Run-of-River	San Jacinto	Harris	C3986	The Museum of Fine Arts	N/A	19	0
2987	Sheldon Lake/Reservoir	San Jacinto	Reservoir	C3995	Texas Parks & Wildlife Dept	Texas Parks & Wildlife Dept	2,688	5,354
847	Conroe Lake/Reservoir	San Jacinto	Reservoir	C4963	City of Houston; San Jacinto River Authority	San Jacinto River Authority	100,000	430,260
375	San Jacinto Run-of-River	San Jacinto	Harris	C4964	San Jacinto River Authority	N/A	55,000	3,800
848	Houston Lake/Reservoir	San Jacinto	Reservoir	C4965	City of Houston; San Jacinto River Authority	Coastal Water Authority	168,000	160,000
2981	Lewis Creek Lake/Reservoir	San Jacinto	Reservoir	C4966	Entergy Texas, Inc.	Entergy Texas, Inc.	0	17,000
2048	San Jacinto Run-of-River	San Jacinto	Montgomery	P3752	Conroe Country Club	N/A	66	65

DB27 Source ID	DB27 Source Name	Basin	County	Water Right Permit Number[1,2]	Water Right Owner Name	Reservoir Operator[3]	Permitted Annual Diversion Volume (ac ft/yr)	Permitted Storage Capacity (ac ft/yr)
375	San Jacinto Run-of-River	San Jacinto	Harris	P3779	Marian W. Fleming	N/A	45	9
2048	San Jacinto Run-of-River	San Jacinto	Montgomery	P3882	San Jacinto River Authority; Woodlands Dev. Corp.	N/A	500	600
375	San Jacinto Run-of-River	San Jacinto	Harris	P4038	Kocide Chemical Corporation	N/A	230	0
375	San Jacinto Run-of-River	San Jacinto	Harris	P5209	Inwood Forest Golf And Country Club, Inc.	N/A	230	16
375	San Jacinto Run-of-River	San Jacinto	Harris	P5257	Lakeside Country Club	N/A	350	75
375	San Jacinto Run-of-River	San Jacinto	Harris	P5311	Brae-Burn Country Club	N/A	220	13
375	San Jacinto Run-of-River	San Jacinto	Harris	P5332	Pine Forest Country Club	N/A	378	35
375	San Jacinto Run-of-River	San Jacinto	Harris	P5336	Houston Country Club	N/A	175	20
375	San Jacinto Run-of-River	San Jacinto	Harris	P5363	Cove Creek Corporation	N/A	967	0
375	San Jacinto Run-of-River	San Jacinto	Harris	P5522	City of Deer Park	N/A	109	119
375	San Jacinto Run-of-River	San Jacinto	Harris	P5565	Our Savior Lutheran Church	N/A	62	4
375	San Jacinto Run-of-River	San Jacinto	Harris	P5711	Westwood Country Club, Inc.	N/A	250	18
375	San Jacinto Run-of-River	San Jacinto	Harris	P5762	Memorial Park Golf Course	N/A	184	17
848	Houston Lake/Reservoir	San Jacinto	Reservoir	P5807	City of Houston; San Jacinto River Authority	Coastal Water Authority	28,200	160,000
375	San Jacinto Run-of-River	San Jacinto	Harris	P5826	City of Houston	N/A	130,000	0
364	San Jacinto-Brazos Run-of-River	San Jacinto-Brazos	Fort Bend	C5170	City of Sugar Land	N/A	18,159	8,925
364	San Jacinto-Brazos Run-of-River	San Jacinto-Brazos	Fort Bend	C5335	Larry J. Schulgen, Trustee	N/A	1,316	379
364	San Jacinto-Brazos Run-of-River	San Jacinto-Brazos	Fort Bend	C5336	The Lakes Limited	N/A	542	442
327	San Jacinto-Brazos Run-of-River	San Jacinto-Brazos	Brazoria	C5338	Texas Department of Criminal Justice	N/A	300	90
327	San Jacinto-Brazos Run-of-River	San Jacinto-Brazos	Brazoria	C5341	Tom Tigner Trust	N/A	600	0
327	San Jacinto-Brazos Run-of-River	San Jacinto-Brazos	Brazoria	C5343	Tigner Irrigation Company	N/A	6,871	750
327	San Jacinto-Brazos Run-of-River	San Jacinto-Brazos	Brazoria	C5344	Vrazel Trust	N/A	1,482	414

DB27 Source ID	DB27 Source Name	Basin	County	Water Right Permit Number[1,2]	Water Right Owner Name	Reservoir Operator[3]	Permitted Annual Diversion Volume (ac ft/yr)	Permitted Storage Capacity (ac ft/yr)
327	San Jacinto-Brazos Run-of-River	San Jacinto-Brazos	Brazoria	C5345	Kenneth L Zwahr Et Ux; Kmz Limited Partnership; Leona Zwahr; Austin Bayou Lp	N/A	1,901	2,565
327	San Jacinto-Brazos Run-of-River	San Jacinto-Brazos	Brazoria	C5346	Donald Joe Bulanek Et Al; Rodney A Kuchar Jr Et Ux	N/A	2,813	783
327	San Jacinto-Brazos Run-of-River	San Jacinto-Brazos	Brazoria	C5347	Albert Kuchar	N/A	683	0
327	San Jacinto-Brazos Run-of-River	San Jacinto-Brazos	Brazoria	C5348	Cleveland Davis III Et Al	N/A	454	0
327	San Jacinto-Brazos Run-of-River	San Jacinto-Brazos	Brazoria	C5349	Bieri Farm Inc	N/A	1,500	1,292
327	San Jacinto-Brazos Run-of-River	San Jacinto-Brazos	Brazoria	C5351	A Farrer Et Al	N/A	1,500	550
327	San Jacinto-Brazos Run-of-River	San Jacinto-Brazos	Brazoria	C5352	The Randolph Co Et Al	N/A	4,818	4,541
327	San Jacinto-Brazos Run-of-River	San Jacinto-Brazos	Brazoria	C5354	R T Marshall Trustee	N/A	187	0
327	San Jacinto-Brazos Run-of-River	San Jacinto-Brazos	Brazoria	C5356	Edith Agatha Isaacs Cotrustee; John Russell Isaacs Cotrustee	N/A	560	0
327	San Jacinto-Brazos Run-of-River	San Jacinto-Brazos	Brazoria	C5357	Gulf Coast Water Authority	N/A	57,500	0
327	San Jacinto-Brazos Run-of-River	San Jacinto-Brazos	Brazoria	C5359	Alvin Golf & Country Club	N/A	54	0
327	San Jacinto-Brazos Run-of-River	San Jacinto-Brazos	Brazoria	C5360	James Scopel	N/A	160	0
2049	San Jacinto-Brazos Run-of-River	San Jacinto-Brazos	Galveston	C5362	Chaparral Recreation Assn	N/A	46	15
327	San Jacinto-Brazos Run-of-River	San Jacinto-Brazos	Brazoria	C5364	Robert L Alexander; Martha A Crouch	N/A	968	0
327	San Jacinto-Brazos Run-of-River	San Jacinto-Brazos	Brazoria	P4010	J V 3 Inc	N/A	360	73
327	San Jacinto-Brazos Run-of-River	San Jacinto-Brazos	Brazoria	P4132	Michael H Bonini	N/A	657	120
327	San Jacinto-Brazos Run-of-River	San Jacinto-Brazos	Brazoria	P4201	Garrett Ranch Inc	N/A	2,000	31
327	San Jacinto-Brazos Run-of-River	San Jacinto-Brazos	Brazoria	P4216	Raymond Le Compte Et Al	N/A	2,925	1,455
327	San Jacinto-Brazos Run-of-River	San Jacinto-Brazos	Brazoria	P4221	Anna Kolacny; Gladys Kolacny Viktorin	N/A	425	250
327	San Jacinto-Brazos Run-of-River	San Jacinto-Brazos	Brazoria	P5023	Rex C Bailey Jr Et Al	N/A	2,600	270
2050	San Jacinto-Brazos Run-of-River	San Jacinto-Brazos	Harris	P5230	Baywood Country Club	N/A	150	6
327	San Jacinto-Brazos Run-of-River	San Jacinto-Brazos	Brazoria	P5256	John D Vieman Et Al	N/A	1,231	162

DB27 Source ID	DB27 Source Name	Basin	County	Water Right Permit Number[1,2]	Water Right Owner Name	Reservoir Operator[3]	Permitted Annual Diversion Volume (ac ft/yr)	Permitted Storage Capacity (ac ft/yr)
2050	San Jacinto-Brazos Run-of-River	San Jacinto-Brazos	Harris	P5686	Coastal Bend Prop Dev Llc	N/A	460	47
2051	Trinity Run-of-River	Trinity	Leon	C4238	Ray Simpson Et Ux	N/A	6	3
2052	Trinity Run-of-River	Trinity	Madison	C4240	Texas Dept Of Criminal Justice	N/A	701	830
40	Livingston-Wallisville Lake/Reservoir System	Trinity	Reservoir	C4248	City of Houston; Trinity River Authority	Trinity River Authority	1,344,000	1,806,300
2053	Trinity Run-of-River	Trinity	Walker	C4249	Texas Dept Of Criminal Justice	N/A	179	280
2053	Trinity Run-of-River	Trinity	Walker	C4250	Texas Parks & Wildlife Dept Et Al	N/A	1,200	51
2053	Trinity Run-of-River	Trinity	Walker	C4253	Thomas G Jameson	N/A	20	0
2592	Trinity Run-of-River	Trinity	Trinity	C4256	Westwood Shores Property Owners Assn	N/A	150	387
411	Trinity Run-of-River	Trinity	Polk	C4261	City Of Houston	N/A	45,000	0
432	Trinity Run-of-River	Trinity	Liberty	C4277	City Of Houston	N/A	38,000	65
2967	Anahuac Lake/Reservoir	Trinity	Reservoir	C4279	Chambers Liberty Counties Navigation District	Chambers Liberty Counties Navigation District	112,947	35,300
427	Trinity Run-of-River	Trinity	Chambers	C4279	Chambers Liberty Counties Navigation District	Chambers Liberty Counties Navigation District	112,947	35,300
427	Trinity Run-of-River	Trinity	Chambers	C4279	San Jacinto River Authority	N/A	30,000	0
2051	Trinity Run-of-River	Trinity	Leon	C5083	Mrs A P Van Winkle Et Al	N/A	50	15
2051	Trinity Run-of-River	Trinity	Leon	C5085	Charles W Kennedy Iii Et Al	N/A	175	216
432	Trinity Run-of-River	Trinity	Liberty	P5271	Devers Canal Rice Pro Assn Inc	N/A	2,500	1,195
432	Trinity Run-of-River	Trinity	Liberty	P5271	San Jacinto River Authority	N/A	56,000	0
432	Trinity Run-of-River	Trinity	Liberty	P5739	Mitigation Management Ltd et al	N/A	1,550	408
433	Trinity-San Jacinto Run-of-River	Trinity-San Jacinto	Liberty	C3909	Liberty Grand Partners, LP	N/A	1,402	480
433	Trinity-San Jacinto Run-of-River	Trinity-San Jacinto	Liberty	C3910	Roy A Seaberg	N/A	327	50
433	Trinity-San Jacinto Run-of-River	Trinity-San Jacinto	Liberty	C3911	Stoesser Farms Inc.	N/A	525	42

DB27 Source ID	DB27 Source Name	Basin	County	Water Right Permit Number[1,2]	Water Right Owner Name	Reservoir Operator[3]	Permitted Annual Diversion Volume (ac ft/yr)	Permitted Storage Capacity (ac ft/yr)
433	Trinity-San Jacinto Run-of-River	Trinity-San Jacinto	Liberty	C3912	Stoesser Farms Inc.	N/A	4	0
431	Trinity-San Jacinto Run-of-River	Trinity-San Jacinto	Harris	C3913	Gin City Land Company Inc	N/A	1,542	605
431	Trinity-San Jacinto Run-of-River	Trinity-San Jacinto	Harris	C3914	Riceland Properties Inc	N/A	900	416
431	Trinity-San Jacinto Run-of-River	Trinity-San Jacinto	Harris	C3915	Roy A Seaberg Et Al	N/A	308	0
433	Trinity-San Jacinto Run-of-River	Trinity-San Jacinto	Liberty	C3917	Charles A. Bates; Meredith D. Bates	N/A	0	142
433	Trinity-San Jacinto Run-of-River	Trinity-San Jacinto	Liberty	C3918	Gin City Land Company Inc	N/A	2,500	570
433	Trinity-San Jacinto Run-of-River	Trinity-San Jacinto	Liberty	C3919	FPL Farming, Ltd.	N/A	1,152	472
433	Trinity-San Jacinto Run-of-River	Trinity-San Jacinto	Liberty	C3920	Raw Acres, Llc	N/A	100	184
431	Trinity-San Jacinto Run-of-River	Trinity-San Jacinto	Harris	C3921	Richard L Shuman	N/A	60	20
431	Trinity-San Jacinto Run-of-River	Trinity-San Jacinto	Harris	C3922	Cedar Bayou, Ltd.	N/A	1,500	0
431	Trinity-San Jacinto Run-of-River	Trinity-San Jacinto	Harris	C3923	Murff Turf Holdings, L.L.C.	N/A	954	365
428	Trinity-San Jacinto Run-of-River	Trinity-San Jacinto	Chambers	C3924	FVL Ltd A Texas Limited Partnership	N/A	2,133	1,057
433	Trinity-San Jacinto Run-of-River	Trinity-San Jacinto	Liberty	C3925	FPL Farming, Ltd.	N/A	1,067	480
2973	Cedar Bayou Generating Pond Lake/Reservoir	Trinity-San Jacinto	Reservoir	C3926	NRG Texas Power LLC	NRG Texas Power LLC	30,000	13,750
428	Trinity-San Jacinto Run-of-River	Trinity-San Jacinto	Chambers	C3926	NRG Texas Power LLC	NRG Texas Power LLC	30,000	13,750

1. Repeat entries reflect water rights with substantial storage volumes which are utilized primarily for operational purposes. Supplies for these rights are reflected in DB27 under the corresponding run-of-river source.
2. Right identifiers beginning with "C" indicate rights granted under a Certificate of Adjudication. Those beginning with "P" are granted under water right permits.
3. Operators are listed only for reservoirs included in DB27 as separate reservoir sources. For all other impoundments, the operator is listed as "N/A" and assumed to be the same as the water right owner.

APPENDIX 3-D

MAJOR WATER PROVIDER SUPPLY SUMMARIES

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Table 3-D1 – MWP Water Supplies by Use Category

Major Water Provider	Category	MWP Supply (ac ft)*					
		2030	2040	2050	2060	2070	2080
Brazos River Authority	Irrigation	135	135	135	134	131	121
	Livestock	0	0	0	0	0	0
	Manufacturing	39,528	39,432	39,336	39,240	38,353	35,482
	Mining	0	0	0	0	0	0
	Municipal	111,455	111,069	110,682	110,295	108,228	101,956
	Steam Electric Power	75,152	74,654	74,155	73,657	73,159	72,661
Brazosport Water Authority	Irrigation	0	0	0	0	0	0
	Livestock	0	0	0	0	0	0
	Manufacturing	1,120	1,120	1,120	1,120	1,120	1,120
	Mining	0	0	0	0	0	0
	Municipal	17,889	17,889	17,889	17,889	17,540	17,148
	Steam Electric Power	0	0	0	0	0	0
Chambers-Liberty Counties Navigation District	Irrigation	41,022	41,022	41,022	41,022	41,022	41,022
	Livestock	0	0	0	0	0	0
	Manufacturing	0	0	0	0	0	0
	Mining	0	0	0	0	0	0
	Municipal	2,205	2,205	2,205	2,205	2,205	2,205
	Steam Electric Power	0	0	0	0	0	0
Dow Inc	Irrigation	0	0	0	0	0	0
	Livestock	0	0	0	0	0	0
	Manufacturing	174,143	172,911	171,677	170,445	168,722	165,775
	Mining	0	0	0	0	0	0
	Municipal	0	0	0	0	0	0
	Steam Electric Power	2,687	2,687	2,687	2,687	2,687	2,687
Gulf Coast Water Authority	Irrigation	0	0	0	0	0	0
	Livestock	0	0	0	0	0	0
	Manufacturing	104,967	104,574	103,767	102,898	101,972	100,993
	Mining	0	0	0	0	0	0
	Municipal	128,599	128,014	126,828	125,545	124,179	122,736
	Steam Electric Power	0	0	0	0	0	0

Major Water Provider	Category	MWP Supply (ac ft)*					
		2030	2040	2050	2060	2070	2080
Houston	Irrigation	26,684	26,684	26,684	26,684	26,684	26,684
	Livestock	0	0	0	0	0	0
	Manufacturing	353,791	353,791	353,791	353,791	353,791	353,791
	Mining	0	0	0	0	0	0
	Municipal	741,933	708,618	711,008	712,332	712,874	713,448
	Steam Electric Power	20,166	20,166	20,166	20,166	20,166	20,166
Huntsville	Irrigation	0	0	0	0	0	0
	Livestock	0	0	0	0	0	0
	Manufacturing	0	0	0	0	0	0
	Mining	0	0	0	0	0	0
	Municipal	12,730	13,642	15,243	17,081	17,422	17,793
	Steam Electric Power	0	0	0	0	0	0
Lower Neches Valley Authority	Irrigation	53,087	53,087	53,087	53,087	53,087	53,087
	Livestock	0	0	0	0	0	0
	Manufacturing	0	0	0	0	0	0
	Mining	0	0	0	0	0	0
	Municipal	6,737	6,737	6,737	6,737	6,737	6,737
	Steam Electric Power	0	0	0	0	0	0
Missouri City	Irrigation	0	0	0	0	0	0
	Livestock	0	0	0	0	0	0
	Manufacturing	0	0	0	0	0	0
	Mining	0	0	0	0	0	0
	Municipal	22,408	22,514	22,566	22,558	22,338	22,084
	Steam Electric Power	0	0	0	0	0	0
North Fort Bend Water Authority	Irrigation	0	0	0	0	0	0
	Livestock	0	0	0	0	0	0
	Manufacturing	0	0	0	0	0	0
	Mining	0	0	0	0	0	0
	Municipal	48,271	51,336	53,901	56,070	57,750	59,421
	Steam Electric Power	0	0	0	0	0	0

Major Water Provider	Category	MWP Supply (ac ft)*					
		2030	2040	2050	2060	2070	2080
North Harris County Regional Water Authority	Irrigation	0	0	0	0	0	0
	Livestock	0	0	0	0	0	0
	Manufacturing	0	0	0	0	0	0
	Mining	0	0	0	0	0	0
	Municipal	89,388	62,036	62,862	63,264	64,236	64,881
	Steam Electric Power	0	0	0	0	0	0
NRG	Irrigation	12,000	12,000	12,000	12,000	12,000	12,000
	Livestock	0	0	0	0	0	0
	Manufacturing	0	0	0	0	0	0
	Mining	0	0	0	0	0	0
	Municipal	0	0	0	0	0	0
	Steam Electric Power	124,995	124,497	123,998	123,500	123,002	122,504
San Jacinto River Authority	Irrigation	890	890	890	890	890	890
	Livestock	0	0	0	0	0	0
	Manufacturing	67,062	66,343	65,668	64,998	64,339	63,664
	Mining	0	0	0	0	0	0
	Municipal	33,879	32,533	31,264	30,341	30,279	31,183
	Steam Electric Power	7,841	7,841	7,841	7,841	7,841	7,841
Trinity River Authority	Irrigation	27,600	27,600	27,600	27,600	27,600	27,600
	Livestock	0	0	0	0	0	0
	Manufacturing	0	0	0	0	0	0
	Mining	0	0	0	0	0	0
	Municipal	217,571	217,571	217,571	217,571	217,571	217,571
	Steam Electric Power	0	0	0	0	0	0
West Harris County Regional Water Authority	Irrigation	0	0	0	0	0	0
	Livestock	0	0	0	0	0	0
	Manufacturing	0	0	0	0	0	0
	Mining	0	0	0	0	0	0
	Municipal	55,957	39,500	39,434	39,421	39,589	39,851
	Steam Electric Power	0	0	0	0	0	0

** The values in this table reflect the sum of MWP municipal self-supply as well as transfers to other entities. Existing but currently unutilized volumes are therefore not shown in the table. Values represent MWP supplies to entities within Region H only and do not include supplies for other regions.*

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Table 3-D2 – MWP Water Supply Summary

Major Water Provider	MWP Supply (ac ft)*					
	2030	2040	2050	2060	2070	2080
Brazos River Authority	226,270	225,290	224,308	223,326	219,871	210,220
Brazosport Water Authority	19,009	19,009	19,009	19,009	18,660	18,268
Chambers-Liberty Counties Navigation District	43,227	43,227	43,227	43,227	43,227	43,227
Dow Inc	176,830	175,598	174,364	173,132	171,409	168,462
Gulf Coast Water Authority	233,566	232,588	230,595	228,443	226,151	223,729
Houston	1,142,574	1,109,259	1,111,649	1,112,973	1,113,515	1,114,089
Huntsville	12,730	13,642	15,243	17,081	17,422	17,793
Lower Neches Valley Authority	59,824	59,824	59,824	59,824	59,824	59,824
Missouri City	22,408	22,514	22,566	22,558	22,338	22,084
North Fort Bend Water Authority	48,271	51,336	53,901	56,070	57,750	59,421
North Harris County Regional Water Authority	89,388	62,036	62,862	63,264	64,236	64,881
NRG	136,995	136,497	135,998	135,500	135,002	134,504
San Jacinto River Authority	109,672	107,607	105,663	104,070	103,349	103,578
Trinity River Authority	245,171	245,171	245,171	245,171	245,171	245,171
West Harris County Regional Water Authority	55,957	39,500	39,434	39,421	39,589	39,851

** The values in this table reflect the sum of MWP municipal self-supply as well as transfers to other entities. Existing but currently unutilized volumes are therefore not shown in the table. Values represent MWP supplies to entities within Region H only and do not include supplies for other regions.*

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APPENDIX 3-E

EXISTING SUPPLY FROM RUN-OF-RIVER DIVERSIONS

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Table 3-E1– Existing Supplies from Run-of-River Diversions

Source Basin	Source County	WUG Use Category	Existing Supply Allocations (acre feet per year)*					
			2030	2040	2050	2060	2070	2080
Brazos	Brazoria	Irrigation	2,663	2,663	2,663	2,663	2,663	2,663
		Manufacturing	143,570	142,434	141,296	140,160	139,022	137,885
		Municipal	14,865	14,865	14,865	14,865	14,516	14,124
	Fort Bend	Irrigation	12,000	12,000	12,000	12,000	12,000	12,000
		Manufacturing	59,332	59,029	58,729	58,429	58,127	57,826
		Mining	378	378	378	378	378	378
		Municipal	65,724	65,429	65,134	64,839	64,543	64,246
		Steam Electric Power	41,719	41,719	41,719	41,719	41,719	41,719
	Waller	Irrigation	44	44	44	44	44	44
Brazos-Colorado	Brazoria	Manufacturing	11,730	11,730	11,730	11,730	11,730	11,730
Neches	Liberty	Irrigation	161	161	161	161	161	161
Neches-Trinity	Chambers	Irrigation	37,475	37,475	37,475	37,475	37,475	37,475
San Jacinto	Harris	Irrigation	2,112	2,112	2,112	2,112	2,112	2,112
		Manufacturing	1,022	1,022	1,022	1,022	1,022	1,022
		Municipal	8,783	8,783	8,783	8,783	8,783	8,783
	Liberty	Irrigation	9	9	9	9	9	9
	Montgomery	Irrigation	25	25	25	25	25	25
		Municipal	116	116	116	116	116	116
San Jacinto-Brazos	Brazoria	Irrigation	15,011	15,011	15,011	15,011	15,011	15,011
		Manufacturing	15,070	15,070	15,070	15,070	15,070	15,070
	Fort Bend	Irrigation	165	165	165	165	165	165
		Municipal	3,660	3,660	3,660	3,660	3,660	3,660
	Galveston	Irrigation	36	36	36	36	36	36
	Harris	Irrigation	311	311	311	311	311	311

Source Basin	Source County	WUG Use Category	Existing Supply Allocations (acre feet per year)*					
			2030	2040	2050	2060	2070	2080
Trinity	Chambers	Irrigation	41,022	41,022	41,022	41,022	41,022	41,022
		Manufacturing	17,610	17,610	17,610	17,610	17,610	17,610
		Municipal	2,178	2,180	2,182	2,183	2,185	2,186
	Leon	Irrigation	156	156	156	156	156	156
	Liberty	Irrigation	16,682	16,682	16,682	16,682	16,682	16,682
		Manufacturing	31,546	31,546	31,546	31,546	31,546	31,546
	Madison	Municipal	169	169	169	169	169	169
	Polk	Manufacturing	26,510	26,510	26,510	26,510	26,510	26,510
	Walker	Irrigation	123	123	123	123	123	123
		Manufacturing	337	337	337	337	337	337
Trinity-San Jacinto	Chambers	Irrigation	1,213	1,213	1,213	1,213	1,213	1,213
	Harris	Irrigation	2,421	2,421	2,421	2,421	2,421	2,421
	Liberty	Irrigation	1,905	1,905	1,905	1,905	1,905	1,905

** Table includes only Run-of-River sources originating within Region H, and excludes the limited amount of Run-of-River supply originating in other regions and allocated to Region H WUGs.*

APPENDIX 4-A

MAJOR WATER PROVIDER NEEDS SUMMARIES

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Table 4-A1 – MWP Water Needs by Use Category

Major Water Provider	Category	MWP Need (ac ft)*					
		2030	2040	2050	2060	2070	2080
Brazos River Authority	Irrigation	0	0	0	0	0	0
	Livestock	0	0	0	0	0	0
	Manufacturing	0	24,031	25,417	26,949	28,664	30,523
	Mining	0	0	0	0	0	0
	Municipal	0	183	774	1,826	2,872	3,509
	Steam Electric Power	0	0	0	0	0	0
Brazosport Water Authority	Irrigation	0	0	0	0	0	0
	Livestock	0	0	0	0	0	0
	Manufacturing	0	0	0	0	0	0
	Mining	0	0	0	0	0	0
	Municipal	3,553	4,254	4,955	5,199	5,470	5,519
	Steam Electric Power	0	0	0	0	0	0
Chambers-Liberty Counties Navigation District	Irrigation	0	0	0	0	0	0
	Livestock	0	0	0	0	0	0
	Manufacturing	0	0	0	0	0	0
	Mining	0	0	0	0	0	0
	Municipal	0	0	0	0	0	0
	Steam Electric Power	0	0	0	0	0	0
Dow Inc	Irrigation	0	0	0	0	0	0
	Livestock	0	0	0	0	0	0
	Manufacturing	0	5,887	13,122	20,059	27,175	35,183
	Mining	0	0	0	0	0	0
	Municipal	0	0	0	0	0	0
	Steam Electric Power	0	0	0	0	0	0
Gulf Coast Water Authority	Irrigation	0	0	0	0	0	0
	Livestock	0	0	0	0	0	0
	Manufacturing	1,489	1,528	1,568	1,606	1,648	1,688
	Mining	332	396	459	526	598	675
	Municipal	5,230	5,892	6,560	7,510	8,061	8,862
	Steam Electric Power	0	0	0	0	0	0
Houston	Irrigation	0	0	0	0	0	0
	Livestock	0	0	0	0	0	0
	Manufacturing	31,758	36,904	42,434	45,734	49,522	53,409
	Mining	2,709	2,737	2,763	2,789	2,815	2,841
	Municipal	144,165	298,715	331,529	349,568	360,743	364,625
	Steam Electric Power	14,835	14,835	14,835	14,835	14,835	14,835

Major Water Provider	Category	MWP Need (ac ft)*					
		2030	2040	2050	2060	2070	2080
Huntsville	Irrigation	0	0	0	0	0	0
	Livestock	0	0	0	0	0	0
	Manufacturing	0	0	0	0	0	0
	Mining	0	0	0	0	0	0
	Municipal	0	0	0	115	1,894	3,831
	Steam Electric Power	0	0	0	0	0	0
Lower Neches Valley Authority	Irrigation	0	0	0	0	0	0
	Livestock	0	0	0	0	0	0
	Manufacturing	0	0	0	0	0	0
	Mining	0	0	0	0	0	0
	Municipal	0	0	0	0	0	0
	Steam Electric Power	0	0	0	0	0	0
Missouri City	Irrigation	0	0	0	0	0	0
	Livestock	0	0	0	0	0	0
	Manufacturing	0	0	0	0	0	0
	Mining	0	0	0	0	0	0
	Municipal	12	110	238	379	537	706
	Steam Electric Power	0	0	0	0	0	0
North Fort Bend Water Authority	Irrigation	0	0	0	0	0	0
	Livestock	0	0	0	0	0	0
	Manufacturing	0	0	0	0	0	0
	Mining	0	0	0	0	0	0
	Municipal	22,222	30,393	36,323	41,250	46,029	49,663
	Steam Electric Power	0	0	0	0	0	0
North Harris County Regional Water Authority	Irrigation	0	0	0	0	0	0
	Livestock	0	0	0	0	0	0
	Manufacturing	0	0	0	0	0	0
	Mining	0	0	0	0	0	0
	Municipal	52,229	83,110	86,779	88,495	92,690	95,332
	Steam Electric Power	0	0	0	0	0	0

Major Water Provider	Category	MWP Need (ac ft)*					
		2030	2040	2050	2060	2070	2080
NRG	Irrigation	0	0	0	0	0	0
	Livestock	0	0	0	0	0	0
	Manufacturing	22,866	0	0	0	0	0
	Mining	0	0	0	0	0	0
	Municipal	0	0	0	0	0	0
	Steam Electric Power	14,835	14,835	14,835	14,835	14,835	14,835
San Jacinto River Authority	Irrigation	167	943	1,485	1,820	2,019	2,200
	Livestock	17	96	151	185	205	223
	Manufacturing	44,948	50,037	55,445	57,929	60,411	62,948
	Mining	1	7	12	18	22	28
	Municipal	8,169	32,356	52,044	68,923	76,818	85,793
	Steam Electric Power	315	501	631	711	758	801
Trinity River Authority	Irrigation	0	0	0	0	0	0
	Livestock	0	0	0	0	0	0
	Manufacturing	0	0	0	0	0	0
	Mining	0	0	0	0	0	0
	Municipal	0	0	0	0	0	0
	Steam Electric Power	0	0	0	0	0	0
West Harris County Regional Water Authority	Irrigation	0	0	0	0	0	0
	Livestock	0	0	0	0	0	0
	Manufacturing	0	0	0	0	0	0
	Mining	0	0	0	0	0	0
	Municipal	19,879	38,918	39,990	40,338	42,479	44,350
	Steam Electric Power	0	0	0	0	0	0

** For this table, values indicate a water need; no surpluses are shown. The values in this table reflect WUG needs met through recommended WMS (see Chapter 5 for additional information), excluding any portion of WMS allocations which are in excess of WUG need and result in a net surplus at the WUG level. Existing but currently unutilized contractual transfers are reflected as part of the existing supply analysis for the RWP and are therefore not shown as part of the needs estimated for the MWP of origin. Values represent projected MWP need within Region H only and do not include MWP needs for other regions.*

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Table 4-A2 – MWP Water Need Summary

Major Water Provider	MWP Need (ac ft)*					
	2030	2040	2050	2060	2070	2080
Brazos River Authority	0	24,214	26,191	28,775	31,536	34,032
Brazosport Water Authority	3,553	4,254	4,955	5,199	5,470	5,519
Chambers-Liberty Counties Navigation District	0	0	0	0	0	0
Dow Inc	0	5,887	13,122	20,059	27,175	35,183
Gulf Coast Water Authority	7,051	7,816	8,587	9,642	10,307	11,225
Houston	193,467	353,191	391,561	412,926	427,915	435,710
Huntsville	0	0	0	115	1,894	3,831
Lower Neches Valley Authority	0	0	0	0	0	0
Missouri City	12	110	238	379	537	706
North Fort Bend Water Authority	22,222	30,393	36,323	41,250	46,029	49,663
North Harris County Regional Water Authority	52,229	83,110	86,779	88,495	92,690	95,332
NRG	37,701	14,835	14,835	14,835	14,835	14,835
San Jacinto River Authority	53,617	83,940	109,768	129,586	140,233	151,993
Trinity River Authority	0	0	0	0	0	0
West Harris County Regional Water Authority	19,879	38,918	39,990	40,338	42,479	44,350

** For this table, values indicate a water need; no surpluses are shown. The values in this table reflect WUG needs met through recommended WMS (see Chapter 5 for additional information), excluding any portion of WMS allocations which are in excess of WUG need and result in a net surplus at the WUG level. Existing but currently unutilized contractual transfers are reflected as part of the existing supply analysis for the RWP and are therefore not shown as part of the needs estimated for the MWP of origin. Values represent projected MWP need within Region H only and do not include MWP needs for other regions.*

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APPENDIX 5-A

WATER MANAGEMENT STRATEGY TABLES

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Table 5-A1 – Considered and Potential WMS Type by WUG

WUG Name	Max. Need (Ac Ft/Yr)	Conservation	Drought Management	Reuse	Mgmt. of Existing Supplies	Conjunctive Use	Acquisition of Existing Supplies	Development of New Supplies	Dev. of Regional Water Supply	Brackish Desal/ Blending	Seawater Desalination	Voluntary Transfer of Water	Emergency Transfers	Interbasin Transfers	System Optimization*	New Surface Water Supply	New Groundwater Supply	Brush Ctrl / Enhance Precip.	Aquifer Storage and Recovery	Cancellation of Rights	Rainwater Harvesting
○ = Considered but determined "not potentially feasible"								● = Considered "potentially feasible" and evaluated													
Alvin	435	●	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
Baker Road MUD	78	●	○	○	●	○	○	○	●	○	○	○	○	○	○	○	○	○	○	○	○
Blaketree MUD 1 of Montgomery County	85	●	○	○	●	○	○	○	●	○	○	○	○	○	○	○	○	○	○	○	○
Blue Bell Manor Utility	99	●	○	○	●	○	○	○	●	○	○	○	○	○	○	○	○	○	○	○	○
Blue Ridge West MUD	57	●	○	○	●	○	○	○	●	○	○	○	○	○	○	○	○	○	○	○	○
Brazoria County FWSD 1	17	●	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
Brazoria County MUD 2	213	●	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
Brazoria County MUD 21	64	●	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
Brazoria County MUD 25	60	●	○	○	●	○	●	○	○	○	○	●	○	○	○	○	○	○	○	○	○
Brazoria County MUD 29	164	●	○	○	●	○	●	○	○	○	○	●	○	○	○	○	○	○	○	○	○
Brazoria County MUD 31	115	●	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
Brazoria County MUD 39	485	●	○	○	●	○	●	○	○	○	○	●	○	○	○	○	○	○	○	○	○
Brazoria County MUD 55	30	●	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
Bunker Hill Village	1	●	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
C C Water Works	843	●	○	○	●	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
Central Harris County Regional Water Authority	2,204	●	○	●	●	○	●	●	●	○	○	●	○	○	○	○	○	○	○	○	○
Chateau Woods MUD	219	●	○	○	●	○	○	○	●	○	○	○	○	○	○	○	○	○	○	○	○

WUG Name	Max. Need (Ac Ft/Yr)	Conservation	Drought Management	Reuse	Mgmt. of Existing Supplies	Conjunctive Use	Acquisition of Existing Supplies	Development of New Supplies	Dev. of Regional Water Supply	Brackish Desal/ Blending	Seawater Desalination	Voluntary Transfer of Water	Emergency Transfers	Interbasin Transfers	System Optimization*	New Surface Water Supply	New Groundwater Supply	Brush Ctrl / Enhance Precip.	Aquifer Storage and Recovery	Cancellation of Rights	Rainwater Harvesting
○ = Considered but determined "not potentially feasible"								● = Considered "potentially feasible" and evaluated													
Conroe	10,364	●	○	○	●	○	●	○	●	○	○	●	○	○	○	○	○	○	○	○	○
Conroe Resort Utilities	85	●	○	○	●	○	●	○	●	○	○	●	○	○	○	○	○	○	○	○	○
Corinthian Point MUD 2	53	●	○	○	●	○	○	○	●	○	○	○	○	○	○	○	○	○	○	○	○
County-Other, Brazoria	9,095	●	○	●	●	○	●	●	●	●	○	●	○	○	●	●	●	○	○	○	○
County-Other, Chambers	6,820	●	○	●	●	○	○	●	○	○	○	○	○	○	○	○	○	○	○	○	○
County-Other, Fort Bend	38,783	●	○	●	●	○	●	●	●	○	○	●	○	○	●	●	○	○	○	○	○
County-Other, Galveston	3,158	●	○	○	●	○	●	○	●	○	○	●	○	○	●	○	○	○	○	○	○
County-Other, Harris	19,267	●	○	●	●	○	●	●	●	○	○	●	○	○	○	○	○	○	○	○	○
County-Other, Leon	1	●	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
County-Other, Madison	18	●	○	○	●	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
County-Other, Montgomery	24,835	●	○	●	●	○	●	●	●	●	○	●	○	○	○	○	●	○	○	○	○
County-Other, San Jacinto	4	●	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
County-Other, Walker	184	●	○	○	●	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
County-Other, Waller	8,273	●	○	●	●	○	○	●	○	○	○	○	○	○	○	○	○	○	○	○	○
Crosby MUD	213	●	○	●	●	○	●	○	○	○	○	●	○	○	○	○	○	○	○	○	○
Cut & Shoot	1,459	●	○	○	●	○	○	○	●	○	○	○	○	○	○	○	○	○	○	○	○
Danbury	15	●	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
Deer Park	1	●	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
Dobbin Plantersville WSC	1,256	●	○	○	●	○	○	●	○	●	○	○	○	○	○	○	●	○	○	○	○
Dodge Oakhurst WSC	367	●	○	○	●	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○

WUG Name	Max. Need (Ac Ft/Yr)	Conservation	Drought Management	Reuse	Mgmt. of Existing Supplies	Conjunctive Use	Acquisition of Existing Supplies	Development of New Supplies	Dev. of Regional Water Supply	Brackish Desal/ Blending	Seawater Desalination	Voluntary Transfer of Water	Emergency Transfers	Interbasin Transfers	System Optimization*	New Surface Water Supply	New Groundwater Supply	Brush Ctrl / Enhance Precip.	Aquifer Storage and Recovery	Cancellation of Rights	Rainwater Harvesting
○ = Considered but determined "not potentially feasible"								● = Considered "potentially feasible" and evaluated													
Domestic Water	71	●	○	○	●	○	○	○	●	○	○	○	○	○	○	○	○	○	○	○	○
Douglas Utility	66	●	○	○	●	○	○	○	●	○	○	○	○	○	○	○	○	○	○	○	○
East Montgomery County MUD 6	205	●	○	○	●	○	○	○	●	○	○	○	○	○	○	○	○	○	○	○	○
East Plantation UD	180	●	○	○	●	○	○	○	●	○	○	○	○	○	○	○	○	○	○	○	○
El Dorado UD	141	●	○	○	●	○	●	○	●	○	○	●	○	○	○	○	○	○	○	○	○
Far Hills UD	159	●	○	○	○	○	○	●	○	●	○	○	○	○	○	○	●	○	○	○	○
First Colony MUD 9	168	●	○	○	●	○	○	○	●	○	○	○	○	○	○	○	○	○	○	○	○
Forest Hills MUD	100	●	○	○	●	○	●	○	●	○	○	●	○	○	○	○	○	○	○	○	○
Fort Bend County FWSD 1	435	●	○	○	●	○	○	○	●	○	○	○	○	○	○	○	○	○	○	○	○
Fort Bend County FWSD 2	422	●	○	○	●	○	○	○	●	○	○	○	○	○	○	○	○	○	○	○	○
Fort Bend County MUD 115	80	●	○	○	●	○	●	○	●	○	○	●	○	○	●	○	○	○	○	○	○
Fort Bend County MUD 116	125	●	○	○	●	○	○	○	●	○	○	○	○	○	○	○	○	○	○	○	○
Fort Bend County MUD 121	274	●	○	○	●	○	●	○	●	○	○	●	○	○	●	○	○	○	○	○	○
Fort Bend County MUD 128	330	●	○	○	●	○	●	○	●	○	○	●	○	○	○	○	○	○	○	○	○
Fort Bend County MUD 129	86	●	○	○	●	○	●	○	●	○	○	●	○	○	●	○	○	○	○	○	○
Fort Bend County MUD 131	55	●	○	○	●	○	○	○	●	○	○	○	○	○	○	○	○	○	○	○	○
Fort Bend County MUD 149	52	●	○	○	●	○	●	○	●	○	○	●	○	○	●	○	○	○	○	○	○
Fort Bend County MUD 152	41	●	○	○	●	○	●	○	●	○	○	●	○	○	○	○	○	○	○	○	○
Fort Bend County MUD 155	365	●	○	○	●	○	●	○	●	○	○	●	○	○	○	○	○	○	○	○	○
Fort Bend County MUD 158	162	●	○	○	●	○	●	○	●	○	○	●	○	○	○	○	○	○	○	○	○

WUG Name	Max. Need (Ac Ft/Yr)	Conservation	Drought Management	Reuse	Mgmt. of Existing Supplies	Conjunctive Use	Acquisition of Existing Supplies	Development of New Supplies	Dev. of Regional Water Supply	Brackish Desal/ Blending	Seawater Desalination	Voluntary Transfer of Water	Emergency Transfers	Interbasin Transfers	System Optimization*	New Surface Water Supply	New Groundwater Supply	Brush Ctrl / Enhance Precip.	Aquifer Storage and Recovery	Cancellation of Rights	Rainwater Harvesting
○ = Considered but determined "not potentially feasible"								● = Considered "potentially feasible" and evaluated													
Fort Bend County MUD 162	97	●	○	○	●	○	○	○	●	○	○	○	○	○	○	○	○	○	○	○	○
Fort Bend County MUD 23	52	●	○	○	●	○	○	○	●	○	○	○	○	○	○	○	○	○	○	○	○
Fort Bend County MUD 24	19	●	○	○	●	○	○	○	●	○	○	○	○	○	○	○	○	○	○	○	○
Fort Bend County MUD 25	1,015	●	○	●	●	○	●	●	●	○	○	●	○	○	○	○	○	○	○	○	○
Fort Bend County MUD 26	71	●	○	○	●	○	○	○	●	○	○	○	○	○	○	○	○	○	○	○	○
Fort Bend County MUD 42	69	●	○	○	●	○	○	○	●	○	○	○	○	○	○	○	○	○	○	○	○
Fort Bend County MUD 48	37	●	○	○	●	○	●	○	●	○	○	●	○	○	●	○	○	○	○	○	○
Fort Bend County MUD 49	18	●	○	○	●	○	●	○	●	○	○	●	○	○	●	○	○	○	○	○	○
Fort Bend County MUD 5	73	●	○	○	●	○	○	○	●	○	○	○	○	○	○	○	○	○	○	○	○
Fort Bend County WCID 2	4,538	●	○	○	●	○	●	○	●	○	○	●	○	○	●	○	○	○	○	○	○
Fort Bend County WCID 3	29	●	○	○	●	○	○	○	●	○	○	○	○	○	○	○	○	○	○	○	○
Fulshear	1,933	●	○	○	●	○	●	○	●	○	○	●	○	○	○	○	○	○	○	○	○
Galveston	1,133	●	○	○	●	○	●	●	●	○	●	●	○	○	●	●	○	○	○	○	○
Grand Oaks MUD	83	●	○	○	●	○	○	○	●	○	○	○	○	○	○	○	○	○	○	○	○
Green Trails MUD	150	●	○	○	●	○	○	○	●	○	○	○	○	○	○	○	○	○	○	○	○
Harris County FWSD 27	168	●	○	○	●	○	●	○	○	○	○	●	○	○	○	○	○	○	○	○	○
Harris County FWSD 58	68	●	○	○	●	○	○	○	●	○	○	○	○	○	○	○	○	○	○	○	○
Harris County MUD 11	28	●	○	○	●	○	●	○	●	○	○	●	○	○	○	○	○	○	○	○	○
Harris County MUD 119	172	●	○	○	●	○	●	○	●	○	○	●	○	○	○	○	○	○	○	○	○
Harris County MUD 153	416	●	○	○	●	○	○	○	●	○	○	○	○	○	○	○	○	○	○	○	○

WUG Name	Max. Need (Ac Ft/Yr)	Conservation	Drought Management	Reuse	Mgmt. of Existing Supplies	Conjunctive Use	Acquisition of Existing Supplies	Development of New Supplies	Dev. of Regional Water Supply	Brackish Desal/ Blending	Seawater Desalination	Voluntary Transfer of Water	Emergency Transfers	Interbasin Transfers	System Optimization*	New Surface Water Supply	New Groundwater Supply	Brush Ctrl / Enhance Precip.	Aquifer Storage and Recovery	Cancellation of Rights	Rainwater Harvesting
○ = Considered but determined "not potentially feasible"								● = Considered "potentially feasible" and evaluated													
Harris County MUD 154	340	●	○	○	●	○	●	○	●	○	○	●	○	○	○	○	○	○	○	○	○
Harris County MUD 189	175	●	○	○	●	○	●	○	●	○	○	●	○	○	○	○	○	○	○	○	○
Harris County MUD 216	107	●	○	○	●	○	○	○	●	○	○	○	○	○	○	○	○	○	○	○	○
Harris County MUD 221	134	●	○	○	●	○	●	○	●	○	○	●	○	○	○	○	○	○	○	○	○
Harris County MUD 261	245	●	○	○	●	○	●	○	○	○	○	●	○	○	○	○	○	○	○	○	○
Harris County MUD 342	352	●	○	○	●	○	○	○	●	○	○	○	○	○	○	○	○	○	○	○	○
Harris County MUD 345	238	●	○	○	●	○	○	○	●	○	○	○	○	○	○	○	○	○	○	○	○
Harris County MUD 36	433	●	○	○	●	○	●	○	●	○	○	●	○	○	○	○	○	○	○	○	○
Harris County MUD 361	179	●	○	○	●	○	○	○	●	○	○	○	○	○	○	○	○	○	○	○	○
Harris County MUD 494	125	●	○	○	●	○	○	○	●	○	○	○	○	○	○	○	○	○	○	○	○
Harris County MUD 50	407	●	○	○	●	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
Harris County MUD 58	52	●	○	○	●	○	○	○	●	○	○	○	○	○	○	○	○	○	○	○	○
Harris County MUD 6	63	●	○	○	●	○	●	○	○	○	○	●	○	○	○	○	○	○	○	○	○
Harris County UD 14	46	●	○	○	●	○	●	○	●	○	○	●	○	○	○	○	○	○	○	○	○
Harris County UD 15	122	●	○	○	●	○	●	○	●	○	○	●	○	○	○	○	○	○	○	○	○
Harris County WCID 1	294	●	○	○	●	○	●	○	○	○	○	●	○	○	○	○	○	○	○	○	○
Harris County WCID 133	161	●	○	○	●	○	●	○	●	○	○	●	○	○	○	○	○	○	○	○	○
Harris County WCID 70	45	●	○	○	●	○	○	○	●	○	○	○	○	○	○	○	○	○	○	○	○
Harris County WCID 74	156	●	○	○	●	○	●	○	●	○	○	●	○	○	○	○	○	○	○	○	○
High Prairie WSC	73	●	○	○	●	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○

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○ = Considered but determined "not potentially feasible"								● = Considered "potentially feasible" and evaluated													
Hillcrest Village	14	●	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
HMW SUD	761	●	○	○	●	○	●	○	●	○	○	●	○	○	○	○	○	○	○	○	○
Houston	127,212	●	○	●	●	○	●	○	●	○	○	●	○	●	○	○	○	○	○	○	○
Huntsville	3,831	●	○	○	●	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
Irrigation, Brazoria	60,522	●	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
Irrigation, Chambers	12,572	●	○	○	●	○	●	○	○	○	○	●	○	○	○	○	○	○	○	○	○
Irrigation, Galveston	7,818	●	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
Irrigation, Leon	2	○	○	○	●	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
Irrigation, Liberty	9,218	●	○	○	●	○	●	○	○	○	○	●	○	○	○	○	○	○	○	○	○
Irrigation, Madison	115	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
Irrigation, Montgomery	2,200	○	○	○	●	○	○	○	●	○	○	○	○	○	○	○	○	○	○	○	○
Johnston Water Utility	2,049	●	○	○	●	○	○	○	●	○	○	○	○	○	○	○	○	○	○	○	○
Katy	1,806	●	○	○	●	○	○	○	●	○	○	○	○	○	○	○	○	○	○	○	○
Keenan WSC	122	●	○	○	●	○	○	○	●	○	○	○	○	○	○	○	○	○	○	○	○
Kings Manor MUD	320	●	○	○	●	○	●	○	●	○	○	●	○	○	○	○	○	○	○	○	○
La Marque	667	●	○	○	○	○	○	●	●	○	●	●	○	○	○	●	○	○	○	○	○
Lake Bonanza WSC	188	●	○	○	●	○	●	○	●	○	○	●	○	○	○	○	○	○	○	○	○
Lake Conroe Hills MUD	116	●	○	○	●	○	○	○	●	○	○	○	○	○	○	○	○	○	○	○	○
Lake Jackson	346	●	○	○	○	○	○	●	●	○	○	●	○	○	●	●	○	○	○	○	○
Lazy River Improvement District	143	●	○	○	●	○	○	○	●	○	○	○	○	○	○	○	○	○	○	○	○

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○ = Considered but determined "not potentially feasible"								● = Considered "potentially feasible" and evaluated													
Livestock, Brazoria	343	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
Livestock, Galveston	196	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
Livestock, Harris	849	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
Livestock, Leon	76	○	○	○	●	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
Livestock, Liberty	523	○	○	○	●	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
Livestock, Madison	971	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
Livestock, Montgomery	223	○	○	○	●	○	○	○	●	○	○	○	○	○	○	○	○	○	○	○	○
Livingston	141	●	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
Longhorn Town UD	92	●	○	○	●	○	○	○	●	○	○	○	○	○	○	○	○	○	○	○	○
Luce Bayou PUD	78	●	○	○	●	○	○	○	●	○	○	○	○	○	○	○	○	○	○	○	○
Madisonville	170	●	○	○	●	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
Magnolia	663	●	○	○	●	○	○	○	●	○	○	○	○	○	○	○	○	○	○	○	○
Manufacturing, Brazoria	72,634	●	○	○	●	○	●	●	●	○	○	●	○	○	●	●	○	○	○	○	○
Manufacturing, Chambers	7,678	●	○	○	●	○	●	○	○	○	○	●	○	○	○	○	○	○	○	○	○
Manufacturing, Fort Bend	1,890	●	○	○	●	○	●	○	●	○	○	●	○	○	●	○	○	○	○	○	○
Manufacturing, Harris	75,287	●	○	●	●	○	●	○	○	○	○	●	○	○	○	○	○	○	○	○	○
Manufacturing, Leon	187	●	○	○	●	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
Manufacturing, Montgomery	1,861	●	○	○	●	○	○	○	●	○	○	○	○	○	○	○	○	○	○	○	○
Manvel	1,543	●	○	○	●	○	●	●	●	○	○	●	○	○	●	●	○	○	○	○	○
Mason Creek UD	338	●	○	○	●	○	○	○	●	○	○	○	○	○	○	○	○	○	○	○	○

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○ = Considered but determined "not potentially feasible"								● = Considered "potentially feasible" and evaluated													
Meadowcreek MUD	12	●	○	○	●	○	○	○	●	○	○	○	○	○	○	○	○	○	○	○	○
Meadows Place	80	●	○	○	●	○	○	○	●	○	○	○	○	○	○	○	○	○	○	○	○
Memorial Villages Water Authority	3,203	●	○	○	●	○	●	○	○	○	○	●	○	○	○	○	○	○	○	○	○
Mining, Austin	91	○	○	○	●	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
Mining, Brazoria	675	○	○	○	●	○	●	○	●	○	○	●	○	○	●	○	○	○	○	○	○
Mining, Harris	2,841	○	○	○	●	○	●	○	○	○	○	●	○	○	○	○	○	○	○	○	○
Mining, Liberty	165	○	○	○	●	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
Mining, Madison	710	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
Mining, Montgomery	28	○	○	○	●	○	○	○	●	○	○	○	○	○	○	○	○	○	○	○	○
Mining, Polk	30	○	○	○	●	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
Mining, San Jacinto	25	○	○	○	●	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
Mont Belvieu	6,330	●	○	○	●	○	●	○	○	○	○	●	○	○	○	○	○	○	○	○	○
Montgomery	318	●	○	○	○	○	○	●	○	●	○	○	○	○	○	○	●	○	○	○	○
Montgomery County MUD 105	118	●	○	○	●	○	○	○	●	○	○	○	○	○	○	○	○	○	○	○	○
Montgomery County MUD 112	570	●	○	○	●	○	●	○	●	○	○	●	○	○	○	○	○	○	○	○	○
Montgomery County MUD 115	432	●	○	○	●	○	○	○	●	○	○	○	○	○	○	○	○	○	○	○	○
Montgomery County MUD 119	834	●	○	○	●	○	●	○	●	○	○	●	○	○	○	○	○	○	○	○	○
Montgomery County MUD 127	139	○	○	○	●	○	○	○	●	○	○	○	○	○	○	○	○	○	○	○	○
Montgomery County MUD 137	196	●	○	○	●	○	○	○	●	○	○	○	○	○	○	○	○	○	○	○	○
Montgomery County MUD 139	311	●	○	○	●	○	○	○	●	○	○	○	○	○	○	○	○	○	○	○	○

WUG Name	Max. Need (Ac Ft/Yr)	Conservation	Drought Management	Reuse	Mgmt. of Existing Supplies	Conjunctive Use	Acquisition of Existing Supplies	Development of New Supplies	Dev. of Regional Water Supply	Brackish Desal/ Blending	Seawater Desalination	Voluntary Transfer of Water	Emergency Transfers	Interbasin Transfers	System Optimization*	New Surface Water Supply	New Groundwater Supply	Brush Ctrl / Enhance Precip.	Aquifer Storage and Recovery	Cancellation of Rights	Rainwater Harvesting
○ = Considered but determined "not potentially feasible"								● = Considered "potentially feasible" and evaluated													
Montgomery County MUD 15	410	●	○	○	●	○	○	○	●	○	○	○	○	○	○	○	○	○	○	○	○
Montgomery County MUD 18	519	●	○	○	●	○	○	○	●	○	○	○	○	○	○	○	○	○	○	○	○
Montgomery County MUD 19	334	●	○	○	●	○	●	○	●	○	○	●	○	○	○	○	○	○	○	○	○
Montgomery County MUD 24	8	●	○	○	●	○	○	○	●	○	○	○	○	○	○	○	○	○	○	○	○
Montgomery County MUD 56	56	●	○	○	●	○	○	○	●	○	○	○	○	○	○	○	○	○	○	○	○
Montgomery County MUD 8	352	●	○	●	●	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
Montgomery County MUD 83	213	●	○	○	●	○	○	○	●	○	○	○	○	○	○	○	○	○	○	○	○
Montgomery County MUD 88	321	●	○	○	●	○	●	○	●	○	○	●	○	○	○	○	○	○	○	○	○
Montgomery County MUD 89	496	●	○	○	●	○	●	○	●	○	○	●	○	○	○	○	○	○	○	○	○
Montgomery County MUD 9	1,339	●	○	●	●	○	○	●	○	●	○	○	○	○	○	○	●	○	○	○	○
Montgomery County MUD 94	445	●	○	○	●	○	○	○	●	○	○	○	○	○	○	○	○	○	○	○	○
Montgomery County MUD 98	43	●	○	○	●	○	●	○	○	○	○	●	○	○	○	○	○	○	○	○	○
Montgomery County MUD 99	3	●	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
Montgomery County UD 2	305	●	○	○	●	○	○	○	●	○	○	○	○	○	○	○	○	○	○	○	○
Montgomery County UD 3	196	●	○	○	●	○	○	○	●	○	○	○	○	○	○	○	○	○	○	○	○
Montgomery County UD 4	358	●	○	○	●	○	○	○	●	○	○	○	○	○	○	○	○	○	○	○	○
Montgomery County WCID 1	246	●	○	○	●	○	○	○	●	○	○	○	○	○	○	○	○	○	○	○	○
Mount Houston Road MUD	164	●	○	○	●	○	●	○	●	○	○	●	○	○	○	○	○	○	○	○	○
MSEC Enterprises	3,469	●	○	○	●	○	●	○	●	○	○	●	○	○	○	○	○	○	○	○	○
New Caney MUD	1,439	●	○	○	●	○	○	○	●	○	○	○	○	○	○	○	○	○	○	○	○

WUG Name	Max. Need (Ac Ft/Yr)	Conservation	Drought Management	Reuse	Mgmt. of Existing Supplies	Conjunctive Use	Acquisition of Existing Supplies	Development of New Supplies	Dev. of Regional Water Supply	Brackish Desal/ Blending	Seawater Desalination	Voluntary Transfer of Water	Emergency Transfers	Interbasin Transfers	System Optimization*	New Surface Water Supply	New Groundwater Supply	Brush Ctrl / Enhance Precip.	Aquifer Storage and Recovery	Cancellation of Rights	Rainwater Harvesting
○ = Considered but determined "not potentially feasible"								● = Considered "potentially feasible" and evaluated													
Nitsch and Son Utility	44	●	○	○	●	○	○	○	●	○	○	○	○	○	○	○	○	○	○	○	○
North Belt UD	313	●	○	○	●	○	●	○	●	○	○	●	○	○	○	○	○	○	○	○	○
North Channel Water Authority	2,505	●	○	○	●	○	●	○	○	○	○	●	○	○	○	○	○	○	○	○	○
North Forest MUD	46	●	○	○	●	○	●	○	●	○	○	●	○	○	○	○	○	○	○	○	○
North Fort Bend Water Authority	39,926	●	○	●	●	○	●	●	●	○	○	●	○	○	○	○	○	○	○	○	○
North Green MUD	102	●	○	○	●	○	●	○	●	○	○	●	○	○	○	○	○	○	○	○	○
North Harris County Regional Water Authority	91,168	●	○	●	●	○	●	●	●	○	○	●	○	○	○	○	○	○	○	○	○
North Zulch MUD	63	●	○	○	●	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
Northeast Harris County MUD 1	110	●	○	○	●	○	●	○	○	○	○	●	○	○	○	○	○	○	○	○	○
Northwest Harris County MUD 16	138	●	○	○	●	○	○	○	●	○	○	○	○	○	○	○	○	○	○	○	○
Oak Ridge North	263	●	○	○	●	○	●	○	●	○	○	●	○	○	○	○	○	○	○	○	○
Oyster Creek	9	●	○	○	○	○	○	●	●	○	○	●	○	○	●	●	○	○	○	○	○
Palmer Plantation MUD 1	15	●	○	○	●	○	○	○	●	○	○	○	○	○	○	○	○	○	○	○	○
Panorama Village	115	●	○	○	○	○	○	●	○	●	○	○	○	○	○	○	●	○	○	○	○
Pasadena	5,770	●	○	○	●	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
Patton Village	60	●	○	○	●	○	○	○	●	○	○	○	○	○	○	○	○	○	○	○	○
Pearland	580	●	○	●	●	○	●	●	●	○	○	●	○	○	●	○	○	○	○	○	○
Pinehurst Decker Prairie WSC	135	●	○	○	●	○	○	○	●	○	○	○	○	○	○	○	○	○	○	○	○
Pinewood Community	25	●	○	○	●	○	○	○	●	○	○	○	○	○	○	○	○	○	○	○	○
Plantation MUD	26	●	○	○	●	○	○	○	●	○	○	○	○	○	○	○	○	○	○	○	○

WUG Name	Max. Need (Ac Ft/Yr)	Conservation	Drought Management	Reuse	Mgmt. of Existing Supplies	Conjunctive Use	Acquisition of Existing Supplies	Development of New Supplies	Dev. of Regional Water Supply	Brackish Desal/ Blending	Seawater Desalination	Voluntary Transfer of Water	Emergency Transfers	Interbasin Transfers	System Optimization*	New Surface Water Supply	New Groundwater Supply	Brush Ctrl / Enhance Precip.	Aquifer Storage and Recovery	Cancellation of Rights	Rainwater Harvesting
○ = Considered but determined "not potentially feasible"								● = Considered "potentially feasible" and evaluated													
Point Aquarius MUD	155	●	○	○	●	○	○	○	●	○	○	○	○	○	○	○	○	○	○	○	○
Porter SUD	3,522	●	○	○	●	○	○	○	●	○	○	○	○	○	○	○	○	○	○	○	○
Quadvest	5,769	●	○	○	●	○	○	○	●	○	○	○	○	○	○	○	○	○	○	○	○
Ranch Crest Water	109	●	○	○	●	○	○	○	●	○	○	○	○	○	○	○	○	○	○	○	○
Rayford Road MUD	634	●	○	○	●	○	●	○	●	○	○	●	○	○	○	○	○	○	○	○	○
Richmond	2,268	●	○	○	●	○	○	●	●	○	○	●	○	○	●	●	○	○	○	○	○
Richwood	27	●	○	○	○	○	○	●	●	○	○	●	○	○	●	●	○	○	○	○	○
River Plantation MUD	392	●	○	●	●	○	○	○	●	○	○	○	○	○	○	○	○	○	○	○	○
Rolling Fork PUD	142	●	○	○	●	○	●	○	○	○	○	●	○	○	○	○	○	○	○	○	○
Roman Forest Consolidated MUD	246	●	○	○	●	○	○	○	●	○	○	○	○	○	○	○	○	○	○	○	○
Rosenberg	4,162	●	○	○	●	○	○	●	●	○	○	●	○	○	●	●	○	○	○	○	○
Royal Valley Utilities	220	●	○	○	●	○	○	○	●	○	○	○	○	○	○	○	○	○	○	○	○
Sedona Lakes MUD 1	48	●	○	○	●	○	●	○	○	○	○	●	○	○	○	○	○	○	○	○	○
Sequoia Improvement District	27	●	○	○	●	○	○	○	●	○	○	○	○	○	○	○	○	○	○	○	○
Shenandoah	1,321	●	○	○	●	○	○	○	●	○	○	○	○	○	○	○	○	○	○	○	○
South Cleveland WSC	835	●	○	○	●	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
Southern Montgomery County MUD	274	●	○	○	●	○	●	○	●	○	○	●	○	○	○	○	○	○	○	○	○
Southern Water	130	●	○	○	●	○	○	○	●	○	○	○	○	○	○	○	○	○	○	○	○
Splendora	2,090	●	○	○	●	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
Spring Creek UD	634	●	○	○	●	○	●	○	●	○	○	●	○	○	○	○	○	○	○	○	○

WUG Name	Max. Need (Ac Ft/Yr)	Conservation	Drought Management	Reuse	Mgmt. of Existing Supplies	Conjunctive Use	Acquisition of Existing Supplies	Development of New Supplies	Dev. of Regional Water Supply	Brackish Desal/ Blending	Seawater Desalination	Voluntary Transfer of Water	Emergency Transfers	Interbasin Transfers	System Optimization*	New Surface Water Supply	New Groundwater Supply	Brush Ctrl / Enhance Precip.	Aquifer Storage and Recovery	Cancellation of Rights	Rainwater Harvesting
○ = Considered but determined "not potentially feasible"								● = Considered "potentially feasible" and evaluated													
Spring Meadows MUD	1	●	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
Stanley Lake MUD	192	●	○	○	○	○	○	●	○	●	○	○	○	○	○	○	●	○	○	○	○
Steam-Electric Power, Austin	888	○	○	○	●	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
Steam-Electric Power, Harris	14,835	○	○	○	●	○	●	○	○	○	○	●	○	○	○	○	○	○	○	○	○
Steam-Electric Power, Montgomery	801	○	○	○	●	○	●	○	●	○	○	●	○	○	○	○	○	○	○	○	○
Suburban Utility	230	●	○	○	●	○	○	○	●	○	○	○	○	○	○	○	○	○	○	○	○
Sugar Land	7,325	●	○	●	●	○	●	●	●	○	○	●	○	○	●	●	○	○	○	○	○
Sweeny	34	●	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
T & W Water Service	1,282	●	○	○	●	○	●	○	●	○	○	●	○	○	○	○	○	○	○	○	○
TDCJ Darrington Unit	107	●	○	○	○	○	○	●	●	○	○	●	○	○	●	●	○	○	○	○	○
TDCJ Ferguson Unit	195	●	○	○	●	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
TDCJ Ramsey Area	246	●	○	○	○	○	○	●	●	○	○	●	○	○	●	●	○	○	○	○	○
The Commons Water Supply	102	●	○	○	●	○	○	○	●	○	○	○	○	○	○	○	○	○	○	○	○
The Woodlands	8,964	●	○	○	●	○	●	○	●	○	○	●	○	○	○	○	○	○	○	○	○
Thunderbird UD	86	●	○	○	●	○	○	○	●	○	○	○	○	○	○	○	○	○	○	○	○
Tomball	2,203	●	○	○	●	○	●	○	●	○	○	●	○	○	○	○	○	○	○	○	○
Trinity Bay Conservation District	207	●	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
Valley Ranch MUD 1	39	●	○	○	●	○	○	○	●	○	○	○	○	○	○	○	○	○	○	○	○
Varner Creek UD	24	●	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
Walker County SUD	47	●	○	○	●	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○

WUG Name	Max. Need (Ac Ft/Yr)	Conservation	Drought Management	Reuse	Mgmt. of Existing Supplies	Conjunctive Use	Acquisition of Existing Supplies	Development of New Supplies	Dev. of Regional Water Supply	Brackish Desal/ Blending	Seawater Desalination	Voluntary Transfer of Water	Emergency Transfers	Interbasin Transfers	System Optimization*	New Surface Water Supply	New Groundwater Supply	Brush Ctrl / Enhance Precip.	Aquifer Storage and Recovery	Cancellation of Rights	Rainwater Harvesting
○ = Considered but determined "not potentially feasible"								● = Considered "potentially feasible" and evaluated													
Waller	182	●	○	○	●	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
West Columbia	42	●	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
West Harris County MUD 6	80	●	○	○	●	○	○	○	●	○	○	○	○	○	○	○	○	○	○	○	○
West Harris County Regional Water Authority	41,882	●	○	●	●	○	●	●	●	○	○	●	○	○	○	○	○	○	○	○	○
West University Place	841	●	○	○	●	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
Westfield Garden Park	70	●	○	○	●	○	●	○	○	○	○	●	○	○	○	○	○	○	○	○	○
Westwood North WSC	383	●	○	○	●	○	●	○	●	○	○	●	○	○	○	○	○	○	○	○	○
White Oak WSC	126	●	○	○	●	○	○	○	●	○	○	○	○	○	○	○	○	○	○	○	○
Windfern Forest Utility District	675	●	○	○	●	○	●	○	○	○	○	●	○	○	○	○	○	○	○	○	○
Wood Branch Village	188	●	○	○	●	○	○	○	●	○	○	○	○	○	○	○	○	○	○	○	○
Wood Trace MUD 1	112	●	○	○	●	○	○	○	●	○	○	○	○	○	○	○	○	○	○	○	○
Woodcreek MUD	99	●	○	○	●	○	●	○	●	○	○	●	○	○	○	○	○	○	○	○	○
Woodland Oaks Utility	227	●	○	○	●	○	●	○	●	○	○	●	○	○	○	○	○	○	○	○	○
Woodridge MUD	19	●	○	○	●	○	○	○	●	○	○	○	○	○	○	○	○	○	○	○	○

**Includes reservoir storage and supply reallocation, quality-based usable supply enhancements, and other yield enhancements.*

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Table 5-A2 – Region H Supply Source Increases

Source	Yield Type	New or Increased Source Supply (ac ft)					
		2030	2040	2050	2060	2070	2080
Conservation[1]							
Industrial Conservation	New	3,320	10,414	18,171	26,242	34,806	43,892
Irrigation Conservation	New	103,799	103,799	103,799	103,799	103,799	103,799
Municipal Conservation[2]	New	42,812	80,533	94,526	111,279	119,907	140,580
Water Loss Reduction	New	8,388	25,724	43,576	60,824	75,737	89,634
Groundwater							
Gulf Coast Aquifer System, Montgomery (Catahoula Formation)	Increased	745	1,322	1,744	1,979	2,237	12,976
Surface Water							
Allens Creek Lake/Reservoir	New	0	99,650	99,650	99,650	99,650	99,650
Brazos Run-of-River, Brazoria	Increased	10,000	10,000	10,000	10,000	10,000	10,000
Harris Reservoir	New	80,000	80,000	80,000	80,000	80,000	80,000
Gulf of Mexico Saline	New	0	22,400	22,400	22,400	22,400	22,400
Reuse							
Direct Reuse, County-Other, Montgomery	Increased	215	838	1,465	1,952	2,320	2,570
Direct Reuse, Fort Bend County MUD 25	Increased	68	68	68	68	68	68
Direct Reuse, Galveston County Industries	New	0	11,200	11,200	11,200	11,200	11,200
Direct Reuse, League City	Increased	6,720	8,960	11,200	13,440	15,680	16,800
Direct Reuse, Master Planned Communities, Brazoria County	New	42	110	192	228	269	313
Direct Reuse, Master Planned Communities, Chambers County	New	22	126	281	429	589	771
Direct Reuse, Master Planned Communities, Fort Bend County	New	517	1,817	3,189	4,326	5,472	6,517
Direct Reuse, Master Planned Communities, Harris County	New	852	1,616	2,119	2,393	2,893	3,252
Direct Reuse, Master Planned Communities, Liberty County	New	66	232	434	653	866	1,097
Direct Reuse, Master Planned Communities, Waller County	New	36	92	196	327	468	619
Direct Reuse, Missouri City	New	579	678	725	747	786	804
Direct Reuse, North Fort Bend Water Authority	Increased	5,600	5,600	5,600	5,600	5,600	5,600
Direct Reuse, North Harris County Regional Water Authority	Increased	300	300	300	300	300	300
Direct Reuse, Pearland	New	0	314	1,154	1,154	1,154	1,154
Direct Reuse, Quail Valley UD	Increased	59	84	94	140	164	188
Direct Reuse, River Plantation MUD	Increased	25	25	25	25	25	25
Direct Reuse, Sienna Plantation	Increased	2,706	2,785	2,903	2,955	3,013	3,092
Direct Reuse, Sugar Land	Increased	1,232	1,680	2,912	2,912	2,912	2,912
Direct Reuse, Westwood Shores MUD	New	150	150	150	150	150	150
Indirect Reuse, Houston	New	0	183,644	188,901	191,311	190,449	191,139
San Jacinto Regional Return Flows	New	87,996	90,620	106,919	110,325	114,671	116,913

1. *Values in this table exclude a limited portion of potential conservation and loss reduction savings estimated by Region H associated with municipal WUGs split between Regions H and I and associated primarily with Region I in TWDB's DB27 database.*
2. *Includes savings volumes for Sugar Land Advanced Demand Management.*

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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	Regionalization	Impacts on Other WMS
Conservation													
CNSV-001	Adv. Municipal Conservation and Water Loss Reduction	1	5	3	5	3	4	5	5	3	5	1	2
CNSV-002	Industrial Conservation	4	5	3	5	2	4	3	5	2	5	1	3
CNSV-003	Irrigation Conservation	5	5	4	4	3	3	5	5	3	5	1	3
Conveyance													
CONV-001	BWA Transmission and Storage Expansion	4	4	3	5	3	4	3	4	4	5	4	5
CONV-002	CHCRWA Transmission and Internal Distribution	4	4	3	3	3	4	3	4	5	5	4	3
CONV-003	City of Houston GRP Transmission	4	4	3	3	3	4	3	4	5	5	4	3
CONV-004	City of Houston Transmission Expansion	5	4	3	3	3	4	3	4	5	5	4	3
CONV-005	CWA Pipeline Transmission Expansion	4	4	3	3	3	3	3	4	5	5	4	5
CONV-006	CWA Trinity River Conveyance System Improvements	5	4	3	3	3	3	3	4	5	5	4	5
CONV-007	East Texas Transfer	5	1	3	2	2	3	1	3	3	2	5	4
CONV-008	LNVA Neches-Trinity Basin Interconnect	5	3	3	3	2	3	3	4	5	5	3	3
CONV-009	Manvel Supply Expansion	3	5	3	4	2	4	4	4	4	5	2	3
CONV-010	NFBWA Phase 2 Distribution Segments	5	4	3	3	3	4	3	5	5	5	4	3
CONV-011	NHCRWA Distribution Expansion	3	4	3	3	3	4	3	4	5	5	4	3
CONV-012	NHCRWA Transmission Lines	4	4	3	3	3	4	3	5	5	5	4	3
CONV-013	Pasadena Infrastructure Expansion	3	4	3	4	3	4	3	5	4	5	2	3
CONV-014	SJRA Highlands System Enhancement	5	4	3	5	3	3	5	5	4	3	3	5
CONV-015	Southeast Transmission Line Improvements	5	4	3	5	3	5	3	5	5	5	3	5
CONV-016	West University Place Infrastructure Expansion	3	5	3	4	3	4	3	5	4	5	1	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	Regionalization	Impacts on Other WMS
CONV-017	WHCRWA Distribution Expansion	4	4	3	3	3	4	3	4	5	5	4	3
CONV-018	WHCRWA/NFBWA Transmission Line	5	4	3	3	3	4	3	4	5	5	4	5
Groundwater Development													
GWDV-001	Aquifer Storage and Recovery	1	5	3	3	2	3	2	3	4	4	3	3
GWDV-002	Brackish GW Development and GW Blending	3	5	3	4	4	3	3	5	3	4	1	4
GWDV-003	BWA Brackish Groundwater Development	3	3	3	3	4	4	5	5	5	4	4	5
GWDV-004	City of Houston Area 2 Groundwater Infrastructure	4	5	3	3	4	4	3	5	5	4	3	3
GWDV-005	City of Houston Repump and GW Plant Improvements	5	5	3	4	3	3	3	5	3	5	3	3
GWDV-006	Expanded Use of Groundwater	1	5	3	4	4	4	3	5	3	5	1	3
GWDV-007	Fairchilds Supply Infrastructure	1	4	3	3	4	4	3	5	4	4	3	3
GWDV-008	GCWA Groundwater Well Development	5	4	3	3	4	3	2	5	4	4	3	3
GWDV-009	SJRA Catahoula Aquifer Supplies	4	5	2	5	4	3	3	5	3	3	4	5
Groundwater Reduction Plans													
GWRP-001	CHCRWA GRP	5	3	3	3	3	4	3	5	5	5	4	3
GWRP-002	City of Houston GRP	5	3	3	3	3	5	3	5	5	5	4	3
GWRP-003	City of Missouri City GRP	3	4	3	4	2	4	3	5	4	5	4	3
GWRP-004	City of Richmond GRP	1	4	3	4	2	4	3	5	5	5	4	3
GWRP-005	City of Rosenberg GRP	4	3	3	3	2	4	3	5	5	5	4	3
GWRP-006	City of Sugar Land IWRP	1	4	3	4	2	4	3	5	5	5	4	3
GWRP-007	Fort Bend County MUD 25 GRP	3	4	3	5	2	4	3	5	4	5	2	3
GWRP-008	Fort Bend County WCID 2 GRP	2	5	3	4	2	4	3	5	5	5	2	3
GWRP-009	Montgomery County MUDs 8 and 9 Supply Expansion	1	4	3	4	2	3	5	5	4	5	2	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	Regionalization	Impacts on Other WMS
GWRP-010	Montgomery County Supply Expansion	3	4	3	4	2	3	3	5	3	5	4	3
GWRP-011	NFBWA GRP	5	3	3	3	3	4	3	5	5	5	4	3
GWRP-012	NHCRWA GRP	5	3	3	3	3	4	3	5	5	5	4	3
GWRP-013	WHCRWA GRP	5	3	3	3	3	4	3	5	5	5	4	3
Reuse													
REUS-001	City of Houston Reuse	1	4	3	4	2	4	3	4	4	4	4	3
REUS-002	City of Pearland Reuse	1	4	3	4	2	4	5	5	4	5	1	3
REUS-003	GCWA Municipal Reuse	5	5	3	5	2	4	3	5	4	5	2	3
REUS-004	NFBWA Member District Reuse	1	5	3	4	2	3	3	5	5	5	2	3
REUS-005	NHCRWA Member District Reuse	1	5	3	4	2	3	3	5	3	5	2	3
REUS-006	River Plantation Reuse	5	5	3	5	2	4	3	5	4	5	2	3
REUS-007	San Jacinto Basin Regional Return Flows	5	4	3	5	2	3	3	5	3	5	5	5
REUS-008	Texas City Industrial Complex Reuse	4	4	3	4	2	3	3	5	4	5	3	3
REUS-009	Wastewater Reclamation for Industry	1	4	4	4	2	3	3	4	3	4	3	2
REUS-010	Wastewater Reclamation for Municipal Irrigation	1	5	3	5	2	3	3	5	3	5	3	3
REUS-011	Westwood Shores MUD Reuse	1	5	3	4	3	3	3	5	5	5	1	3
Surface Water Development													
SWDV-001	Allens Creek Reservoir	5	4	3	4	3	4	4	4	4	2	4	5
SWDV-002	BWSC Reservoir and Pump Station Expansion	4	5	4	4	2	5	4	5	5	3	4	4
SWDV-003	GCWA Coastal Desalination	1	3	3	3	4	3	2	4	3	3	4	4
SWDV-004	Lake Somerville Augmentation	1	4	3	3	2	3	3	4	3	4	4	4

WMS Project		Cost	Location	Water Quality	Environmental Land & Habitat	Impacts on Environmental Flows	Local Preference	Institutional Constraints / Risk of Implementability	Development Timeline	Sponsorship	Vulnerability	Regionalization	Impacts on Other WMS
Treatment													
TRET-001	BAWA East SWTP Expansion	3	5	3	4	3	4	5	5	5	4	2	3
TRET-002	BWA Conventional Treatment Expansion	4	3	3	5	3	4	3	5	5	4	4	5
TRET-003	City of Houston EWPP Enhancement	2	5	3	4	3	4	5	4	5	4	4	5
TRET-004	Harris County MUD 50 Surface Water Treatment Plant	1	4	3	5	2	4	3	5	2	4	1	3
TRET-005	Northeast Water Purification Plant Expansion	3	3	3	4	3	5	5	5	5	4	4	5
TRET-006	Pearland Surface Water Treatment Plant	2	4	3	4	3	4	3	5	4	5	2	3
TRET-007	SEWPP Expansion	2	3	3	4	3	3	5	5	5	4	4	5
Other													
OTHR-001	Brazos Saltwater Barrier	4	5	5	2	2	4	2	4	3	3	4	5
OTHR-002	GCWA Canal Loss Mitigation	5	5	3	3	3	3	5	5	5	5	4	4
OTHR-003	GCWA Shannon Pump Station Expansion	5	5	3	3	2	3	5	5	5	3	4	5
OTHR-004	LNVA Devers Pump Station Relocation	5	5	3	3	3	3	5	5	5	3	3	5
OTHR-005	Municipal Drought Management	1	5	3	5	3	2	5	5	3	5	1	2
OTHR-005	New and Expanded Contracts	5	4	3	5	2	3	5	5	3	5	5	5

Table 5-A4 – Water Management Strategy and Project Relationships

Project	Project Type	Associated WMS
Allens Creek Reservoir	WMS	Additional Supply from BRA
		Additional Supply from GCWA
		New / Expanded Contract with GCWA
		Richmond GRP
BAWA East SWTP Expansion - Phase 1	WMS	BAWA East SWTP Expansion
BAWA East SWTP Expansion - Phase 2	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	BWSC Reservoir and Pump Station Expansion
		Rosenberg GRP
BWA Transmission and Storage Expansion	WMS	BWSC Reservoir and Pump Station Expansion
		New / Expanded Contract with BWA - Brackish Groundwater
BWSC Reservoir and Pump Station Expansion	WMS	BWSC Reservoir and Pump Station Expansion
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 EWPP Enhancement	WMS	City of Houston GRP
		New / Expanded Contract with City of Houston
City of Houston GRP Transmission - 2025 Phase	WMS	City of Houston GRP
City of Houston GRP Transmission - 2035 Phase	WMS	City of Houston GRP
City of Houston Repump Expansion - Phase 1	WMS	City of Houston GRP
		New / Expanded Contract with City of Houston
City of Houston Repump Expansion - Phase 2	WMS	City of Houston GRP
		New / Expanded Contract with City of Houston
City Of Houston Reuse Infrastructure	WMS	City of Houston Reuse
		New / Expanded Contract with City of Houston
		NFBWA GRP
		NHCRWA GRP
		WHCRWA GRP

Project	Project Type	Associated WMS
City of Houston SEWPP Expansion - Phase 1	WMS	City of Houston GRP
		Southeast Transmission Line Expansion
City of Houston SEWPP Expansion - Phase 2	WMS	City of Houston GRP
		Southeast Transmission Line Expansion
City of Houston Transmission and Distribution Expansion - Phase 1	WMS	City of Houston GRP
City of Houston Transmission and Distribution Expansion - Phase 2	WMS	City of Houston GRP
COH Northeast Water Purification Plant Expansion - Phase 2	WMS	CHCRWA GRP
		City of Houston GRP
		New / Expanded Contract with City of Houston
		NFBWA GRP
		NHCRWA GRP
		WHCRWA GRP
COH Northeast Water Purification Plant Expansion - Phase 3	WMS	CHCRWA GRP
		City of Houston GRP
		New / Expanded Contract with City of Houston
		NFBWA GRP
		NHCRWA GRP
		WHCRWA GRP
CWA Pipeline Transmission Expansion	WMS	City of Houston GRP
CWA Trinity River Conveyance System Improvements	WMS	City of Houston GRP
East Texas Transfer	WMS	East Texas Transfer
Fairchilds Supply Infrastructure - Phase 1	WMS	Fairchilds Supply Infrastructure
Fairchilds Supply Infrastructure - Phase 2	WMS	Fairchilds Supply Infrastructure
Fort Bend MUD 25 GRP Infrastructure	WMS	Fort Bend MUD 25 GRP
Fort Bend WCID 2 GRP Infrastructure - Phase 1	WMS	Fort Bend WCID 2 GRP
Fort Bend WCID 2 GRP Infrastructure - Phase 2	WMS	Fort Bend WCID 2 GRP
GCWA Canal Loss Mitigation	WMS	Additional Supply from GCWA
		New / Expanded Contract with GCWA

Project	Project Type	Associated WMS
GCWA Coastal Desalination	WMS	GCWA Coastal Desalination
GCWA Groundwater Well Development	WMS	GCWA Groundwater Well Development
GCWA Municipal Reuse	WMS	GCWA Municipal Reuse
GCWA Shannon Pump Station Expansion	WMS	Additional Supply from GCWA
		GCWA Coastal Desalination
		New / Expanded Contract with GCWA
Harris County MUD 50 SWTP	WMS	Harris County MUD 50 SWTP
Industrial Conservation, Austin County	WUG	Industrial Conservation
Industrial Conservation, Brazoria County	WUG	Industrial Conservation
Industrial Conservation, Chambers County	WUG	Industrial Conservation
Industrial Conservation, Fort Bend County	WUG	Industrial Conservation
Industrial Conservation, Galveston County	WUG	Industrial Conservation
Industrial Conservation, Harris County	WUG	Industrial Conservation
Industrial Conservation, Leon County	WUG	Industrial Conservation
Industrial Conservation, Liberty County	WUG	Industrial Conservation
Industrial Conservation, Montgomery County	WUG	Industrial Conservation
Industrial Conservation, Walker County	WUG	Industrial Conservation
Industrial Conservation, Waller County	WUG	Industrial Conservation
Irrigation Conservation, Austin County	WUG	Irrigation Conservation
Irrigation Conservation, Brazoria County	WUG	Irrigation Conservation
Irrigation Conservation, Chambers County	WUG	Irrigation Conservation
Irrigation Conservation, Fort Bend County	WUG	Irrigation Conservation
Irrigation Conservation, Galveston County	WUG	Irrigation Conservation
Irrigation Conservation, Harris County	WUG	Irrigation Conservation
Irrigation Conservation, Liberty County	WUG	Irrigation Conservation
Irrigation Conservation, Waller County	WUG	Irrigation Conservation
LNVA Devers Pump Station Relocation	WMS	LNVA Devers Pump Station Relocation
LNVA Neches-Trinity Basin Interconnect	WMS	LNVA Neches-Trinity Basin Interconnect

Project	Project Type	Associated WMS
Manvel Supply Expansion - Phase 1	WMS	Manvel Supply Expansion
Manvel Supply Expansion - Phase 2	WMS	Manvel Supply Expansion
Missouri City GRP Infrastructure - Pre 2030	WMS	Missouri City GRP
Missouri City GRP Infrastructure - Post 2030	WMS	Missouri City GRP
Montgomery County MUDs 8 and 9 Supply Expansion	WMS	Montgomery County MUDs 8 and 9 Supply Expansion
Montgomery County Supply Expansion - 2040 Phase	WMS	Montgomery County Supply Expansion
Montgomery County Supply Expansion - 2050 Phase	WMS	Montgomery County Supply Expansion
Montgomery County Supply Expansion - 2060 Phase	WMS	Montgomery County Supply Expansion
Montgomery County WCID 1 Water Plant 3	WUG	Montgomery County Supply Expansion
Municipal Conservation, Alvin	WUG	Municipal Conservation
Municipal Conservation, Ames Minglewood WSC	WUG	Municipal Conservation
Municipal Conservation, Anahuac	WUG	Municipal Conservation
Municipal Conservation, Angleton	WUG	Municipal Conservation
Municipal Conservation, Austin County WSC	WUG	Municipal Conservation
Municipal Conservation, Bacliff MUD	WUG	Municipal Conservation
Municipal Conservation, Baker Road MUD	WUG	Municipal Conservation
Municipal Conservation, Baybrook MUD 1	WUG	Municipal Conservation
Municipal Conservation, Baytown	WUG	Municipal Conservation
Municipal Conservation, Bayview MUD	WUG	Municipal Conservation
Municipal Conservation, Bellaire	WUG	Municipal Conservation
Municipal Conservation, Bellville	WUG	Municipal Conservation
Municipal Conservation, Blaketree MUD 1 of Montgomery County	WUG	Municipal Conservation
Municipal Conservation, Blue Bell Manor Utility	WUG	Municipal Conservation
Municipal Conservation, Blue Ridge West MUD	WUG	Municipal Conservation
Municipal Conservation, Bolivar Peninsula SUD	WUG	Municipal Conservation
Municipal Conservation, Brazoria	WUG	Municipal Conservation
Municipal Conservation, Brazoria County FWSD 1	WUG	Municipal Conservation
Municipal Conservation, Brazoria County MUD 2	WUG	Municipal Conservation

Project	Project Type	Associated WMS
Municipal Conservation, Brazoria County MUD 21	WUG	Municipal Conservation
Municipal Conservation, Brazoria County MUD 22	WUG	Municipal Conservation
Municipal Conservation, Brazoria County MUD 25	WUG	Municipal Conservation
Municipal Conservation, Brazoria County MUD 29	WUG	Municipal Conservation
Municipal Conservation, Brazoria County MUD 3	WUG	Municipal Conservation
Municipal Conservation, Brazoria County MUD 31	WUG	Municipal Conservation
Municipal Conservation, Brazoria County MUD 39	WUG	Municipal Conservation
Municipal Conservation, Brazoria County MUD 55	WUG	Municipal Conservation
Municipal Conservation, Brazoria County MUD 6	WUG	Municipal Conservation
Municipal Conservation, Brookshire MWD	WUG	Municipal Conservation
Municipal Conservation, Buffalo	WUG	Municipal Conservation
Municipal Conservation, Bunker Hill Village	WUG	Municipal Conservation
Municipal Conservation, C C Water Works	WUG	Municipal Conservation
Municipal Conservation, Cape Royale UD	WUG	Municipal Conservation
Municipal Conservation, Centerville	WUG	Municipal Conservation
Municipal Conservation, Central Harris County Regional Water Authority	WUG	Municipal Conservation
Municipal Conservation, Chambers County MUD 1	WUG	Municipal Conservation
Municipal Conservation, Chateau Woods MUD	WUG	Municipal Conservation
Municipal Conservation, Chimney Hill MUD	WUG	Municipal Conservation
Municipal Conservation, Clear Brook City MUD	WUG	Municipal Conservation
Municipal Conservation, Clear Lake City Water Authority	WUG	Municipal Conservation
Municipal Conservation, Cleveland	WUG	Municipal Conservation
Municipal Conservation, Clute	WUG	Municipal Conservation
Municipal Conservation, Concord-Robbins WSC	WUG	Municipal Conservation
Municipal Conservation, Conroe	WUG	Municipal Conservation
Municipal Conservation, Conroe Resort Utilities	WUG	Municipal Conservation
Municipal Conservation, Corinthian Point MUD 2	WUG	Municipal Conservation
Municipal Conservation, Country Terrace Water	WUG	Municipal Conservation

Project	Project Type	Associated WMS
Municipal Conservation, County-Other, Austin	WUG	Municipal Conservation
Municipal Conservation, County-Other, Brazoria	WUG	Municipal Conservation
Municipal Conservation, County-Other, Chambers	WUG	Municipal Conservation
Municipal Conservation, County-Other, Fort Bend	WUG	Municipal Conservation
Municipal Conservation, County-Other, Galveston	WUG	Municipal Conservation
Municipal Conservation, County-Other, Harris	WUG	Municipal Conservation
Municipal Conservation, County-Other, Leon	WUG	Municipal Conservation
Municipal Conservation, County-Other, Liberty	WUG	Municipal Conservation
Municipal Conservation, County-Other, Madison	WUG	Municipal Conservation
Municipal Conservation, County-Other, Montgomery	WUG	Municipal Conservation
Municipal Conservation, County-Other, Polk	WUG	Municipal Conservation
Municipal Conservation, County-Other, San Jacinto	WUG	Municipal Conservation
Municipal Conservation, County-Other, Walker	WUG	Municipal Conservation
Municipal Conservation, County-Other, Waller	WUG	Municipal Conservation
Municipal Conservation, Crosby MUD	WUG	Municipal Conservation
Municipal Conservation, Cut and Shoot	WUG	Municipal Conservation
Municipal Conservation, Daisetta	WUG	Municipal Conservation
Municipal Conservation, Danbury	WUG	Municipal Conservation
Municipal Conservation, Dayton	WUG	Municipal Conservation
Municipal Conservation, Deer Park	WUG	Municipal Conservation
Municipal Conservation, Devers	WUG	Municipal Conservation
Municipal Conservation, Dobbin Plantersville WSC	WUG	Municipal Conservation
Municipal Conservation, Dodge Oakhurst WSC	WUG	Municipal Conservation
Municipal Conservation, Domestic Water	WUG	Municipal Conservation
Municipal Conservation, Douglas Utility	WUG	Municipal Conservation
Municipal Conservation, East Montgomery County MUD 6	WUG	Municipal Conservation
Municipal Conservation, East Plantation UD	WUG	Municipal Conservation
Municipal Conservation, El Dorado UD	WUG	Municipal Conservation

Project	Project Type	Associated WMS
Municipal Conservation, Far Hills UD	WUG	Municipal Conservation
Municipal Conservation, First Colony MUD 9	WUG	Municipal Conservation
Municipal Conservation, Flo Community WSC	WUG	Municipal Conservation
Municipal Conservation, Forest Hills MUD	WUG	Municipal Conservation
Municipal Conservation, Fort Bend County FWSD 2	WUG	Municipal Conservation
Municipal Conservation, Fort Bend County MUD 115	WUG	Municipal Conservation
Municipal Conservation, Fort Bend County MUD 116	WUG	Municipal Conservation
Municipal Conservation, Fort Bend County MUD 121	WUG	Municipal Conservation
Municipal Conservation, Fort Bend County MUD 128	WUG	Municipal Conservation
Municipal Conservation, Fort Bend County MUD 129	WUG	Municipal Conservation
Municipal Conservation, Fort Bend County MUD 131	WUG	Municipal Conservation
Municipal Conservation, Fort Bend County MUD 140	WUG	Municipal Conservation
Municipal Conservation, Fort Bend County MUD 149	WUG	Municipal Conservation
Municipal Conservation, Fort Bend County MUD 152	WUG	Municipal Conservation
Municipal Conservation, Fort Bend County MUD 155	WUG	Municipal Conservation
Municipal Conservation, Fort Bend County MUD 158	WUG	Municipal Conservation
Municipal Conservation, Fort Bend County MUD 162	WUG	Municipal Conservation
Municipal Conservation, Fort Bend County MUD 23	WUG	Municipal Conservation
Municipal Conservation, Fort Bend County MUD 24	WUG	Municipal Conservation
Municipal Conservation, Fort Bend County MUD 25	WUG	Municipal Conservation
Municipal Conservation, Fort Bend County MUD 26	WUG	Municipal Conservation
Municipal Conservation, Fort Bend County MUD 42	WUG	Municipal Conservation
Municipal Conservation, Fort Bend County MUD 46	WUG	Municipal Conservation
Municipal Conservation, Fort Bend County MUD 47	WUG	Municipal Conservation
Municipal Conservation, Fort Bend County MUD 48	WUG	Municipal Conservation
Municipal Conservation, Fort Bend County MUD 49	WUG	Municipal Conservation
Municipal Conservation, Fort Bend County MUD 5	WUG	Municipal Conservation
Municipal Conservation, Fort Bend County MUD 81	WUG	Municipal Conservation

Project	Project Type	Associated WMS
Municipal Conservation, Fort Bend County WCID 2	WUG	Municipal Conservation
Municipal Conservation, Fort Bend County WCID 3	WUG	Municipal Conservation
Municipal Conservation, Freeport	WUG	Municipal Conservation
Municipal Conservation, Friendswood	WUG	Municipal Conservation
Municipal Conservation, Fulshear	WUG	Municipal Conservation
Municipal Conservation, Galena Park	WUG	Municipal Conservation
Municipal Conservation, Galveston	WUG	Municipal Conservation
Municipal Conservation, Galveston County FWSD 6	WUG	Municipal Conservation
Municipal Conservation, Galveston County MUD 12	WUG	Municipal Conservation
Municipal Conservation, Galveston County WCID 1	WUG	Municipal Conservation
Municipal Conservation, Galveston County WCID 12	WUG	Municipal Conservation
Municipal Conservation, Galveston County WCID 8	WUG	Municipal Conservation
Municipal Conservation, Glendale WSC	WUG	Municipal Conservation
Municipal Conservation, Grand Oaks MUD	WUG	Municipal Conservation
Municipal Conservation, Green Trails MUD	WUG	Municipal Conservation
Municipal Conservation, Greenwood UD	WUG	Municipal Conservation
Municipal Conservation, Groveton	WUG	Municipal Conservation
Municipal Conservation, Hardin WSC	WUG	Municipal Conservation
Municipal Conservation, Harris County FWSD 1-A	WUG	Municipal Conservation
Municipal Conservation, Harris County FWSD 27	WUG	Municipal Conservation
Municipal Conservation, Harris County FWSD 58	WUG	Municipal Conservation
Municipal Conservation, Harris County MUD 106	WUG	Municipal Conservation
Municipal Conservation, Harris County MUD 11	WUG	Municipal Conservation
Municipal Conservation, Harris County MUD 119	WUG	Municipal Conservation
Municipal Conservation, Harris County MUD 122	WUG	Municipal Conservation
Municipal Conservation, Harris County MUD 132	WUG	Municipal Conservation
Municipal Conservation, Harris County MUD 148	WUG	Municipal Conservation
Municipal Conservation, Harris County MUD 151	WUG	Municipal Conservation

Project	Project Type	Associated WMS
Municipal Conservation, Harris County MUD 152	WUG	Municipal Conservation
Municipal Conservation, Harris County MUD 153	WUG	Municipal Conservation
Municipal Conservation, Harris County MUD 154	WUG	Municipal Conservation
Municipal Conservation, Harris County MUD 180	WUG	Municipal Conservation
Municipal Conservation, Harris County MUD 189	WUG	Municipal Conservation
Municipal Conservation, Harris County MUD 216	WUG	Municipal Conservation
Municipal Conservation, Harris County MUD 221	WUG	Municipal Conservation
Municipal Conservation, Harris County MUD 23	WUG	Municipal Conservation
Municipal Conservation, Harris County MUD 261	WUG	Municipal Conservation
Municipal Conservation, Harris County MUD 278	WUG	Municipal Conservation
Municipal Conservation, Harris County MUD 290	WUG	Municipal Conservation
Municipal Conservation, Harris County MUD 321	WUG	Municipal Conservation
Municipal Conservation, Harris County MUD 342	WUG	Municipal Conservation
Municipal Conservation, Harris County MUD 344	WUG	Municipal Conservation
Municipal Conservation, Harris County MUD 345	WUG	Municipal Conservation
Municipal Conservation, Harris County MUD 36	WUG	Municipal Conservation
Municipal Conservation, Harris County MUD 361	WUG	Municipal Conservation
Municipal Conservation, Harris County MUD 372	WUG	Municipal Conservation
Municipal Conservation, Harris County MUD 400	WUG	Municipal Conservation
Municipal Conservation, Harris County MUD 412	WUG	Municipal Conservation
Municipal Conservation, Harris County MUD 420	WUG	Municipal Conservation
Municipal Conservation, Harris County MUD 46	WUG	Municipal Conservation
Municipal Conservation, Harris County MUD 49	WUG	Municipal Conservation
Municipal Conservation, Harris County MUD 494	WUG	Municipal Conservation
Municipal Conservation, Harris County MUD 5	WUG	Municipal Conservation
Municipal Conservation, Harris County MUD 50	WUG	Municipal Conservation
Municipal Conservation, Harris County MUD 504	WUG	Municipal Conservation
Municipal Conservation, Harris County MUD 55	WUG	Municipal Conservation

Project	Project Type	Associated WMS
Municipal Conservation, Harris County MUD 58	WUG	Municipal Conservation
Municipal Conservation, Harris County MUD 6	WUG	Municipal Conservation
Municipal Conservation, Harris County MUD 8	WUG	Municipal Conservation
Municipal Conservation, Harris County MUD 96	WUG	Municipal Conservation
Municipal Conservation, Harris County UD 15	WUG	Municipal Conservation
Municipal Conservation, Harris County WCID 1	WUG	Municipal Conservation
Municipal Conservation, Harris County WCID 133	WUG	Municipal Conservation
Municipal Conservation, Harris County WCID 156	WUG	Municipal Conservation
Municipal Conservation, Harris County WCID 161	WUG	Municipal Conservation
Municipal Conservation, Harris County WCID 50	WUG	Municipal Conservation
Municipal Conservation, Harris County WCID 70	WUG	Municipal Conservation
Municipal Conservation, Harris County WCID 74	WUG	Municipal Conservation
Municipal Conservation, Harris County WCID 89	WUG	Municipal Conservation
Municipal Conservation, Harris County WCID 96	WUG	Municipal Conservation
Municipal Conservation, Harris County WCID-Fondren Road	WUG	Municipal Conservation
Municipal Conservation, Harris-Montgomery Counties MUD 386	WUG	Municipal Conservation
Municipal Conservation, Hempstead	WUG	Municipal Conservation
Municipal Conservation, High Prairie WSC	WUG	Municipal Conservation
Municipal Conservation, Hillcrest Village	WUG	Municipal Conservation
Municipal Conservation, Hilltop Lakes WSC	WUG	Municipal Conservation
Municipal Conservation, Hilshire Village	WUG	Municipal Conservation
Municipal Conservation, Hitchcock	WUG	Municipal Conservation
Municipal Conservation, HMW SUD	WUG	Municipal Conservation
Municipal Conservation, Houston	WUG	Municipal Conservation
Municipal Conservation, Humble	WUG	Municipal Conservation
Municipal Conservation, Huntsville	WUG	Municipal Conservation
Municipal Conservation, Jacinto City	WUG	Municipal Conservation
Municipal Conservation, Jamaica Beach	WUG	Municipal Conservation

Project	Project Type	Associated WMS
Municipal Conservation, Jersey Village	WUG	Municipal Conservation
Municipal Conservation, Jewett	WUG	Municipal Conservation
Municipal Conservation, Johnston Water Utility	WUG	Municipal Conservation
Municipal Conservation, Katy	WUG	Municipal Conservation
Municipal Conservation, Keenan WSC	WUG	Municipal Conservation
Municipal Conservation, Kendleton	WUG	Municipal Conservation
Municipal Conservation, Kings Manor MUD	WUG	Municipal Conservation
Municipal Conservation, Kirkmont MUD	WUG	Municipal Conservation
Municipal Conservation, La Marque	WUG	Municipal Conservation
Municipal Conservation, La Porte	WUG	Municipal Conservation
Municipal Conservation, Lake Bonanza WSC	WUG	Municipal Conservation
Municipal Conservation, Lake Conroe Hills MUD	WUG	Municipal Conservation
Municipal Conservation, Lake Jackson	WUG	Municipal Conservation
Municipal Conservation, Lake MUD	WUG	Municipal Conservation
Municipal Conservation, Lazy River Improvement District	WUG	Municipal Conservation
Municipal Conservation, League City	WUG	Municipal Conservation
Municipal Conservation, Leggett WSC	WUG	Municipal Conservation
Municipal Conservation, Liberty	WUG	Municipal Conservation
Municipal Conservation, Liberty County FWSD 1 Hull	WUG	Municipal Conservation
Municipal Conservation, Livingston	WUG	Municipal Conservation
Municipal Conservation, Longhorn Town UD	WUG	Municipal Conservation
Municipal Conservation, Luce Bayou PUD	WUG	Municipal Conservation
Municipal Conservation, Madisonville	WUG	Municipal Conservation
Municipal Conservation, Magnolia	WUG	Municipal Conservation
Municipal Conservation, Manvel	WUG	Municipal Conservation
Municipal Conservation, Mason Creek UD	WUG	Municipal Conservation
Municipal Conservation, Meadowcreek MUD	WUG	Municipal Conservation
Municipal Conservation, Meadows Place	WUG	Municipal Conservation

Project	Project Type	Associated WMS
Municipal Conservation, Memorial Point UD	WUG	Municipal Conservation
Municipal Conservation, Memorial Villages Water Authority	WUG	Municipal Conservation
Municipal Conservation, Mercy WSC	WUG	Municipal Conservation
Municipal Conservation, Missouri City	WUG	Municipal Conservation
Municipal Conservation, Mont Belvieu	WUG	Municipal Conservation
Municipal Conservation, Montgomery	WUG	Municipal Conservation
Municipal Conservation, Montgomery County MUD 105	WUG	Municipal Conservation
Municipal Conservation, Montgomery County MUD 112	WUG	Municipal Conservation
Municipal Conservation, Montgomery County MUD 115	WUG	Municipal Conservation
Municipal Conservation, Montgomery County MUD 119	WUG	Municipal Conservation
Municipal Conservation, Montgomery County MUD 126	WUG	Municipal Conservation
Municipal Conservation, Montgomery County MUD 137	WUG	Municipal Conservation
Municipal Conservation, Montgomery County MUD 139	WUG	Municipal Conservation
Municipal Conservation, Montgomery County MUD 15	WUG	Municipal Conservation
Municipal Conservation, Montgomery County MUD 18	WUG	Municipal Conservation
Municipal Conservation, Montgomery County MUD 19	WUG	Municipal Conservation
Municipal Conservation, Montgomery County MUD 24	WUG	Municipal Conservation
Municipal Conservation, Montgomery County MUD 56	WUG	Municipal Conservation
Municipal Conservation, Montgomery County MUD 8	WUG	Municipal Conservation
Municipal Conservation, Montgomery County MUD 83	WUG	Municipal Conservation
Municipal Conservation, Montgomery County MUD 84	WUG	Municipal Conservation
Municipal Conservation, Montgomery County MUD 88	WUG	Municipal Conservation
Municipal Conservation, Montgomery County MUD 89	WUG	Municipal Conservation
Municipal Conservation, Montgomery County MUD 9	WUG	Municipal Conservation
Municipal Conservation, Montgomery County MUD 94	WUG	Municipal Conservation
Municipal Conservation, Montgomery County MUD 95	WUG	Municipal Conservation
Municipal Conservation, Montgomery County MUD 98	WUG	Municipal Conservation
Municipal Conservation, Montgomery County MUD 99	WUG	Municipal Conservation

Project	Project Type	Associated WMS
Municipal Conservation, Montgomery County UD 2	WUG	Municipal Conservation
Municipal Conservation, Montgomery County UD 3	WUG	Municipal Conservation
Municipal Conservation, Montgomery County UD 4	WUG	Municipal Conservation
Municipal Conservation, Montgomery County WCID 1	WUG	Municipal Conservation
Municipal Conservation, Morgans Point	WUG	Municipal Conservation
Municipal Conservation, Mount Houston Road MUD	WUG	Municipal Conservation
Municipal Conservation, MSEC Enterprises	WUG	Municipal Conservation
Municipal Conservation, Nassau Bay	WUG	Municipal Conservation
Municipal Conservation, Needville	WUG	Municipal Conservation
Municipal Conservation, New Caney MUD	WUG	Municipal Conservation
Municipal Conservation, New Waverly	WUG	Municipal Conservation
Municipal Conservation, Newport MUD	WUG	Municipal Conservation
Municipal Conservation, Nitsch and Son Utility	WUG	Municipal Conservation
Municipal Conservation, Normangee	WUG	Municipal Conservation
Municipal Conservation, North Belt UD	WUG	Municipal Conservation
Municipal Conservation, North Channel Water Authority	WUG	Municipal Conservation
Municipal Conservation, North Forest MUD	WUG	Municipal Conservation
Municipal Conservation, North Fort Bend Water Authority	WUG	Municipal Conservation
Municipal Conservation, North Green MUD	WUG	Municipal Conservation
Municipal Conservation, North Harris County Regional Water Authority	WUG	Municipal Conservation
Municipal Conservation, North Zulch MUD	WUG	Municipal Conservation
Municipal Conservation, Northeast Harris County MUD 1	WUG	Municipal Conservation
Municipal Conservation, Northwest Harris County MUD 16	WUG	Municipal Conservation
Municipal Conservation, Oak Hollow Utility	WUG	Municipal Conservation
Municipal Conservation, Oak Ridge North	WUG	Municipal Conservation
Municipal Conservation, Onalaska WSC	WUG	Municipal Conservation
Municipal Conservation, One Five O WSC	WUG	Municipal Conservation
Municipal Conservation, Oyster Creek	WUG	Municipal Conservation

Project	Project Type	Associated WMS
Municipal Conservation, P B & S C WSC	WUG	Municipal Conservation
Municipal Conservation, Palmer Plantation MUD 1	WUG	Municipal Conservation
Municipal Conservation, Palmer Plantation MUD 2	WUG	Municipal Conservation
Municipal Conservation, Panorama Village	WUG	Municipal Conservation
Municipal Conservation, Parkway MUD	WUG	Municipal Conservation
Municipal Conservation, Pasadena	WUG	Municipal Conservation
Municipal Conservation, Pattison WSC	WUG	Municipal Conservation
Municipal Conservation, Patton Village	WUG	Municipal Conservation
Municipal Conservation, Pearland	WUG	Municipal Conservation
Municipal Conservation, Pecan Grove MUD 1	WUG	Municipal Conservation
Municipal Conservation, Phelps SUD	WUG	Municipal Conservation
Municipal Conservation, Pine Village PUD	WUG	Municipal Conservation
Municipal Conservation, Pinehurst Decker Prairie WSC	WUG	Municipal Conservation
Municipal Conservation, Pinewood Community	WUG	Municipal Conservation
Municipal Conservation, Plantation MUD	WUG	Municipal Conservation
Municipal Conservation, Point Aquarius MUD	WUG	Municipal Conservation
Municipal Conservation, Porter SUD	WUG	Municipal Conservation
Municipal Conservation, Prairie View	WUG	Municipal Conservation
Municipal Conservation, Prairie View A&M University	WUG	Municipal Conservation
Municipal Conservation, Providence WSC	WUG	Municipal Conservation
Municipal Conservation, Quadvest	WUG	Municipal Conservation
Municipal Conservation, Quail Valley UD	WUG	Municipal Conservation
Municipal Conservation, Ranch Crest Water	WUG	Municipal Conservation
Municipal Conservation, Rayford Road MUD	WUG	Municipal Conservation
Municipal Conservation, Raywood WSC	WUG	Municipal Conservation
Municipal Conservation, Richmond	WUG	Municipal Conservation
Municipal Conservation, Richwood	WUG	Municipal Conservation
Municipal Conservation, River Plantation MUD	WUG	Municipal Conservation

Project	Project Type	Associated WMS
Municipal Conservation, Riverside SUD	WUG	Municipal Conservation
Municipal Conservation, Rolling Fork PUD	WUG	Municipal Conservation
Municipal Conservation, Roman Forest Consolidated MUD	WUG	Municipal Conservation
Municipal Conservation, Rosenberg	WUG	Municipal Conservation
Municipal Conservation, Royal Valley Utilities	WUG	Municipal Conservation
Municipal Conservation, Sagemeadow UD	WUG	Municipal Conservation
Municipal Conservation, San Jacinto SUD	WUG	Municipal Conservation
Municipal Conservation, San Leon MUD	WUG	Municipal Conservation
Municipal Conservation, Seabrook	WUG	Municipal Conservation
Municipal Conservation, Sealy	WUG	Municipal Conservation
Municipal Conservation, Sedona Lakes MUD 1	WUG	Municipal Conservation
Municipal Conservation, Sequoia Improvement District	WUG	Municipal Conservation
Municipal Conservation, Shenandoah	WUG	Municipal Conservation
Municipal Conservation, Shepherd	WUG	Municipal Conservation
Municipal Conservation, Shoreacres	WUG	Municipal Conservation
Municipal Conservation, Sienna Plantation	WUG	Municipal Conservation
Municipal Conservation, Soda WSC	WUG	Municipal Conservation
Municipal Conservation, South Cleveland WSC	WUG	Municipal Conservation
Municipal Conservation, South Houston	WUG	Municipal Conservation
Municipal Conservation, Southeast WSC	WUG	Municipal Conservation
Municipal Conservation, Southern Montgomery County MUD	WUG	Municipal Conservation
Municipal Conservation, Southern Water	WUG	Municipal Conservation
Municipal Conservation, Southside Place	WUG	Municipal Conservation
Municipal Conservation, Southwest Harris County MUD 1	WUG	Municipal Conservation
Municipal Conservation, Splendora	WUG	Municipal Conservation
Municipal Conservation, Spring Creek UD	WUG	Municipal Conservation
Municipal Conservation, Spring Meadows MUD	WUG	Municipal Conservation
Municipal Conservation, Spring Valley	WUG	Municipal Conservation

Project	Project Type	Associated WMS
Municipal Conservation, Stanley Lake MUD	WUG	Municipal Conservation
Municipal Conservation, Suburban Utility	WUG	Municipal Conservation
Municipal Conservation, Sugar Land	WUG	Municipal Conservation
Municipal Conservation, Sunbelt FWSD	WUG	Municipal Conservation
Municipal Conservation, Surfside Beach	WUG	Municipal Conservation
Municipal Conservation, Sweeny	WUG	Municipal Conservation
Municipal Conservation, T & W Water Service	WUG	Municipal Conservation
Municipal Conservation, Tarkington SUD	WUG	Municipal Conservation
Municipal Conservation, TDCJ Darrington Unit	WUG	Municipal Conservation
Municipal Conservation, TDCJ Ferguson Unit	WUG	Municipal Conservation
Municipal Conservation, TDCJ Jester Units	WUG	Municipal Conservation
Municipal Conservation, TDCJ Ramsey Area	WUG	Municipal Conservation
Municipal Conservation, Tempe WSC 1	WUG	Municipal Conservation
Municipal Conservation, Texas City	WUG	Municipal Conservation
Municipal Conservation, The Commons Water Supply	WUG	Municipal Conservation
Municipal Conservation, The Woodlands	WUG	Municipal Conservation
Municipal Conservation, Thunderbird UD	WUG	Municipal Conservation
Municipal Conservation, Tomball	WUG	Municipal Conservation
Municipal Conservation, Trail of the Lakes MUD	WUG	Municipal Conservation
Municipal Conservation, Trinity	WUG	Municipal Conservation
Municipal Conservation, Trinity Bay Conservation District	WUG	Municipal Conservation
Municipal Conservation, Trinity Rural WSC	WUG	Municipal Conservation
Municipal Conservation, Valley Ranch MUD 1	WUG	Municipal Conservation
Municipal Conservation, Varner Creek UD	WUG	Municipal Conservation
Municipal Conservation, Walker County SUD	WUG	Municipal Conservation
Municipal Conservation, Waller	WUG	Municipal Conservation
Municipal Conservation, Wallis	WUG	Municipal Conservation
Municipal Conservation, Waterwood MUD 1	WUG	Municipal Conservation

Project	Project Type	Associated WMS
Municipal Conservation, Webster	WUG	Municipal Conservation
Municipal Conservation, West Columbia	WUG	Municipal Conservation
Municipal Conservation, West End WSC	WUG	Municipal Conservation
Municipal Conservation, West Harris County MUD 6	WUG	Municipal Conservation
Municipal Conservation, West Harris County Regional Water Authority	WUG	Municipal Conservation
Municipal Conservation, West University Place	WUG	Municipal Conservation
Municipal Conservation, Westfield Garden Park	WUG	Municipal Conservation
Municipal Conservation, Westwood North WSC	WUG	Municipal Conservation
Municipal Conservation, Westwood Shores MUD	WUG	Municipal Conservation
Municipal Conservation, White Oak WSC	WUG	Municipal Conservation
Municipal Conservation, Willis	WUG	Municipal Conservation
Municipal Conservation, Willow Creek Farms MUD	WUG	Municipal Conservation
Municipal Conservation, Windfern Forest Utility District	WUG	Municipal Conservation
Municipal Conservation, Wood Branch Village	WUG	Municipal Conservation
Municipal Conservation, Wood Trace MUD 1	WUG	Municipal Conservation
Municipal Conservation, Woodcreek MUD	WUG	Municipal Conservation
Municipal Conservation, Woodland Oaks Utility	WUG	Municipal Conservation
Municipal Conservation, Woodridge MUD	WUG	Municipal Conservation
Municipal Drought Management (WUG-level response)	WUG	Municipal Drought management
Municipal Irrigation Reuse Development, Brazoria County	WUG	Wastewater Reclamation for Municipal Irrigation
Municipal Irrigation Reuse Development, Chambers County	WUG	Wastewater Reclamation for Municipal Irrigation
Municipal Irrigation Reuse Development, CHCRWA	WUG	Wastewater Reclamation for Municipal Irrigation
Municipal Irrigation Reuse Development, Fort Bend County	WUG	Wastewater Reclamation for Municipal Irrigation
Municipal Irrigation Reuse Development, Harris County	WUG	Wastewater Reclamation for Municipal Irrigation
Municipal Irrigation Reuse Development, Liberty County	WUG	Wastewater Reclamation for Municipal Irrigation
Municipal Irrigation Reuse Development, Montgomery County	WUG	Wastewater Reclamation for Municipal Irrigation
Municipal Irrigation Reuse Development, NFBWA	WUG	Wastewater Reclamation for Municipal Irrigation
Municipal Irrigation Reuse Development, NHCRWA	WUG	Wastewater Reclamation for Municipal Irrigation

Project	Project Type	Associated WMS
Municipal Irrigation Reuse Development, Waller County	WUG	Wastewater Reclamation for Municipal Irrigation
Municipal Irrigation Reuse Development, WHCRWA	WUG	Wastewater Reclamation for Municipal Irrigation
NFBWA Member District Reuse Infrastructure	WMS	NFBWA Member District Reuse
NFBWA Phase 2 Distribution Segments	WMS	NFBWA GRP
NHCRWA Distribution Expansion - 2025 Phase	WMS	NHCRWA GRP
NHCRWA Distribution Expansion - 2035 Phase	WMS	NHCRWA GRP
NHCRWA Distribution Expansion - 2045 Phase	WMS	NHCRWA GRP
NHCRWA Member District Reuse Infrastructure	WMS	NHCRWA Member District Reuse
NHCRWA Transmission Lines	WMS	NHCRWA GRP
Pasadena Infrastructure Expansion	WMS	Pasadena Infrastructure Expansion
Pearland Reuse Infrastructure	WMS	City of Pearland Reuse
Pearland Surface Water Treatment Plant Development	WMS	Pearland SWTP
Richmond GRP Infrastructure	WMS	Richmond GRP
Rosenberg GRP Infrastructure	WMS	Rosenberg GRP
SJRA Catahoula Aquifer Supplies	WMS	Montgomery County Supply Expansion
SJRA Highlands System Enhancement	WMS	SJRA Highlands System Enhancement
Southeast Transmission Line Improvements	WMS	Southeast Transmission Line Expansion
Sugar Land Advanced Loss Reduction	WMS	Municipal Conservation
Sugar Land AMI	WMS	Municipal Conservation
Sugar Land Groundwater Plant Conversion	WMS	Sugar Land IWRP
Sugar Land IWRP Reuse Infrastructure - Phase 1	WMS	Sugar Land IWRP
Sugar Land IWRP Reuse Infrastructure - Phase 2	WMS	Sugar Land IWRP
Sugar Land IWRP Reuse Infrastructure - Phase 3	WMS	Sugar Land IWRP
Sugar Land Surface Water Expansion - Phase 1	WMS	Sugar Land IWRP
Sugar Land Surface Water Expansion - Phase 2	WMS	Sugar Land IWRP
Texas City Industrial Complex Reuse	WMS	Texas City Industrial Complex Reuse
Water Loss Reduction, Alvin	WUG	Water Loss Reduction
Water Loss Reduction, Ames Minglewood WSC	WUG	Water Loss Reduction

Project	Project Type	Associated WMS
Water Loss Reduction, Anahuac	WUG	Water Loss Reduction
Water Loss Reduction, Angleton	WUG	Water Loss Reduction
Water Loss Reduction, Austin County WSC	WUG	Water Loss Reduction
Water Loss Reduction, Baytown	WUG	Water Loss Reduction
Water Loss Reduction, Blaketree MUD 1 of Montgomery County	WUG	Water Loss Reduction
Water Loss Reduction, Bolivar Peninsula SUD	WUG	Water Loss Reduction
Water Loss Reduction, Brazoria County FWSD 1	WUG	Water Loss Reduction
Water Loss Reduction, Brazoria County MUD 2	WUG	Water Loss Reduction
Water Loss Reduction, Brazoria County MUD 21	WUG	Water Loss Reduction
Water Loss Reduction, Brazoria County MUD 22	WUG	Water Loss Reduction
Water Loss Reduction, Brazoria County MUD 31	WUG	Water Loss Reduction
Water Loss Reduction, Brookshire MWD	WUG	Water Loss Reduction
Water Loss Reduction, Buffalo	WUG	Water Loss Reduction
Water Loss Reduction, Centerville	WUG	Water Loss Reduction
Water Loss Reduction, Cleveland	WUG	Water Loss Reduction
Water Loss Reduction, Conroe Resort Utilities	WUG	Water Loss Reduction
Water Loss Reduction, County-Other, Brazoria	WUG	Water Loss Reduction
Water Loss Reduction, County-Other, Chambers	WUG	Water Loss Reduction
Water Loss Reduction, County-Other, Fort Bend	WUG	Water Loss Reduction
Water Loss Reduction, County-Other, Galveston	WUG	Water Loss Reduction
Water Loss Reduction, County-Other, Leon	WUG	Water Loss Reduction
Water Loss Reduction, County-Other, Liberty	WUG	Water Loss Reduction
Water Loss Reduction, County-Other, Madison	WUG	Water Loss Reduction
Water Loss Reduction, County-Other, Montgomery	WUG	Water Loss Reduction
Water Loss Reduction, County-Other, Polk	WUG	Water Loss Reduction
Water Loss Reduction, County-Other, San Jacinto	WUG	Water Loss Reduction
Water Loss Reduction, County-Other, Walker	WUG	Water Loss Reduction
Water Loss Reduction, County-Other, Waller	WUG	Water Loss Reduction

Project	Project Type	Associated WMS
Water Loss Reduction, Crosby MUD	WUG	Water Loss Reduction
Water Loss Reduction, Daisetta	WUG	Water Loss Reduction
Water Loss Reduction, Dayton	WUG	Water Loss Reduction
Water Loss Reduction, Deer Park	WUG	Water Loss Reduction
Water Loss Reduction, Fort Bend County FWSD 1	WUG	Water Loss Reduction
Water Loss Reduction, Fort Bend County MUD 116	WUG	Water Loss Reduction
Water Loss Reduction, Fort Bend County MUD 25	WUG	Water Loss Reduction
Water Loss Reduction, Fort Bend County WCID 2	WUG	Water Loss Reduction
Water Loss Reduction, Freeport	WUG	Water Loss Reduction
Water Loss Reduction, Friendswood	WUG	Water Loss Reduction
Water Loss Reduction, Galena Park	WUG	Water Loss Reduction
Water Loss Reduction, Galveston	WUG	Water Loss Reduction
Water Loss Reduction, Galveston County WCID 1	WUG	Water Loss Reduction
Water Loss Reduction, Galveston County WCID 12	WUG	Water Loss Reduction
Water Loss Reduction, Galveston County WCID 8	WUG	Water Loss Reduction
Water Loss Reduction, Groveton	WUG	Water Loss Reduction
Water Loss Reduction, Hardin WSC	WUG	Water Loss Reduction
Water Loss Reduction, Harris County FWSD 1-A	WUG	Water Loss Reduction
Water Loss Reduction, Harris County MUD 132	WUG	Water Loss Reduction
Water Loss Reduction, Harris County MUD 154	WUG	Water Loss Reduction
Water Loss Reduction, Harris County MUD 189	WUG	Water Loss Reduction
Water Loss Reduction, Harris County MUD 221	WUG	Water Loss Reduction
Water Loss Reduction, Harris County MUD 23	WUG	Water Loss Reduction
Water Loss Reduction, Harris County MUD 345	WUG	Water Loss Reduction
Water Loss Reduction, Harris County MUD 5	WUG	Water Loss Reduction
Water Loss Reduction, Harris County MUD 50	WUG	Water Loss Reduction
Water Loss Reduction, Harris County MUD 55	WUG	Water Loss Reduction
Water Loss Reduction, Harris County MUD 58	WUG	Water Loss Reduction

Project	Project Type	Associated WMS
Water Loss Reduction, Harris County MUD 6	WUG	Water Loss Reduction
Water Loss Reduction, Harris County UD 14	WUG	Water Loss Reduction
Water Loss Reduction, Harris County UD 15	WUG	Water Loss Reduction
Water Loss Reduction, Harris County WCID 1	WUG	Water Loss Reduction
Water Loss Reduction, Harris County WCID 70	WUG	Water Loss Reduction
Water Loss Reduction, Harris County WCID 89	WUG	Water Loss Reduction
Water Loss Reduction, Harris County WCID-Fondren Road	WUG	Water Loss Reduction
Water Loss Reduction, Harris-Montgomery Counties MUD 386	WUG	Water Loss Reduction
Water Loss Reduction, Hillcrest Village	WUG	Water Loss Reduction
Water Loss Reduction, Hitchcock	WUG	Water Loss Reduction
Water Loss Reduction, Houston	WUG	Water Loss Reduction
Water Loss Reduction, Humble	WUG	Water Loss Reduction
Water Loss Reduction, Jacinto City	WUG	Water Loss Reduction
Water Loss Reduction, La Marque	WUG	Water Loss Reduction
Water Loss Reduction, Lake Conroe Hills MUD	WUG	Water Loss Reduction
Water Loss Reduction, Lake Jackson	WUG	Water Loss Reduction
Water Loss Reduction, Lake Livingston WSC	WUG	Water Loss Reduction
Water Loss Reduction, Liberty	WUG	Water Loss Reduction
Water Loss Reduction, Livingston	WUG	Water Loss Reduction
Water Loss Reduction, Luce Bayou PUD	WUG	Water Loss Reduction
Water Loss Reduction, Madisonville	WUG	Water Loss Reduction
Water Loss Reduction, Mercy WSC	WUG	Water Loss Reduction
Water Loss Reduction, Mont Belvieu	WUG	Water Loss Reduction
Water Loss Reduction, Montgomery	WUG	Water Loss Reduction
Water Loss Reduction, Montgomery County MUD 18	WUG	Water Loss Reduction
Water Loss Reduction, Montgomery County MUD 8	WUG	Water Loss Reduction
Water Loss Reduction, Montgomery County MUD 83	WUG	Water Loss Reduction
Water Loss Reduction, Montgomery County MUD 9	WUG	Water Loss Reduction

Project	Project Type	Associated WMS
Water Loss Reduction, Montgomery County MUD 99	WUG	Water Loss Reduction
Water Loss Reduction, Montgomery County UD 3	WUG	Water Loss Reduction
Water Loss Reduction, Montgomery County UD 4	WUG	Water Loss Reduction
Water Loss Reduction, Nassau Bay	WUG	Water Loss Reduction
Water Loss Reduction, New Caney MUD	WUG	Water Loss Reduction
Water Loss Reduction, North Channel Water Authority	WUG	Water Loss Reduction
Water Loss Reduction, North Fort Bend Water Authority	WUG	Water Loss Reduction
Water Loss Reduction, North Zulch MUD	WUG	Water Loss Reduction
Water Loss Reduction, Northeast Harris County MUD 1	WUG	Water Loss Reduction
Water Loss Reduction, Oak Ridge North	WUG	Water Loss Reduction
Water Loss Reduction, One Five O WSC	WUG	Water Loss Reduction
Water Loss Reduction, Oyster Creek	WUG	Water Loss Reduction
Water Loss Reduction, Palmer Plantation MUD 1	WUG	Water Loss Reduction
Water Loss Reduction, Palmer Plantation MUD 2	WUG	Water Loss Reduction
Water Loss Reduction, Panorama Village	WUG	Water Loss Reduction
Water Loss Reduction, Pattison WSC	WUG	Water Loss Reduction
Water Loss Reduction, Pearland	WUG	Water Loss Reduction
Water Loss Reduction, Pecan Grove MUD 1	WUG	Water Loss Reduction
Water Loss Reduction, Pinehurst Decker Prairie WSC	WUG	Water Loss Reduction
Water Loss Reduction, Plantation MUD	WUG	Water Loss Reduction
Water Loss Reduction, Quail Valley UD	WUG	Water Loss Reduction
Water Loss Reduction, Raywood WSC	WUG	Water Loss Reduction
Water Loss Reduction, Riverside SUD	WUG	Water Loss Reduction
Water Loss Reduction, Roman Forest Consolidated MUD	WUG	Water Loss Reduction
Water Loss Reduction, Rosenberg	WUG	Water Loss Reduction
Water Loss Reduction, Sequoia Improvement District	WUG	Water Loss Reduction
Water Loss Reduction, Shenandoah	WUG	Water Loss Reduction
Water Loss Reduction, Shoreacres	WUG	Water Loss Reduction

Project	Project Type	Associated WMS
Water Loss Reduction, Soda WSC	WUG	Water Loss Reduction
Water Loss Reduction, South Cleveland WSC	WUG	Water Loss Reduction
Water Loss Reduction, Southern Water	WUG	Water Loss Reduction
Water Loss Reduction, Southside Place	WUG	Water Loss Reduction
Water Loss Reduction, Splendora	WUG	Water Loss Reduction
Water Loss Reduction, Spring Valley	WUG	Water Loss Reduction
Water Loss Reduction, Suburban Utility	WUG	Water Loss Reduction
Water Loss Reduction, Sunbelt FWSD	WUG	Water Loss Reduction
Water Loss Reduction, Tarkington SUD	WUG	Water Loss Reduction
Water Loss Reduction, Texas City	WUG	Water Loss Reduction
Water Loss Reduction, The Commons Water Supply	WUG	Water Loss Reduction
Water Loss Reduction, The Woodlands	WUG	Water Loss Reduction
Water Loss Reduction, Tomball	WUG	Water Loss Reduction
Water Loss Reduction, Trinity Bay Conservation District	WUG	Water Loss Reduction
Water Loss Reduction, Webster	WUG	Water Loss Reduction
Water Loss Reduction, West Columbia	WUG	Water Loss Reduction
Water Loss Reduction, West End WSC	WUG	Water Loss Reduction
Water Loss Reduction, West University Place	WUG	Water Loss Reduction
Water Loss Reduction, Westwood Shores MUD	WUG	Water Loss Reduction
Water Loss Reduction, Willis	WUG	Water Loss Reduction
Water Loss Reduction, Willow Creek Farms MUD	WUG	Water Loss Reduction
West University Place Infrastructure Expansion	WMS	West University Place Infrastructure Expansion
Westwood Shores Reuse Infrastructure	WMS	Westwood Shores MUD Reuse
WHCRWA 2025 Distribution Expansion	WMS	WHCRWA GRP
WHCRWA 2035 Distribution Expansion	WMS	WHCRWA GRP
WHCRWA/NFBWA Transmission Line	WMS	NFBWA GRP
		WHCRWA GRP
WUG Infrastructure Expansion - Angleton	WUG	BWSC Reservoir and Pump Station Expansion

Project	Project Type	Associated WMS
WUG Infrastructure Expansion - Brazoria County MUD 25	WUG	Manvel Supply Expansion
WUG Infrastructure Expansion - Brazoria County MUD 29	WUG	Manvel Supply Expansion
WUG Infrastructure Expansion - Brazoria County MUD 39	WUG	Manvel Supply Expansion
WUG Infrastructure Expansion - CHCRWA Districts	WUG	CHCRWA GRP
WUG Infrastructure Expansion - Conroe - Phase 1	WUG	Montgomery County Supply Expansion
WUG Infrastructure Expansion - Conroe - Phase 2	WUG	Montgomery County Supply Expansion
WUG Infrastructure Expansion - Conroe - Phase 3	WUG	Montgomery County Supply Expansion
WUG Infrastructure Expansion - Conroe Resort Utilities	WUG	Montgomery County Supply Expansion
WUG Infrastructure Expansion - County-Other, Brazoria (B) - Phase 1	WUG	BWSC Reservoir and Pump Station Expansion
WUG Infrastructure Expansion - County-Other, Brazoria (B) - Phase 2	WUG	BWSC Reservoir and Pump Station Expansion
WUG Infrastructure Expansion - County-Other, Brazoria (BC)	WUG	BWSC Reservoir and Pump Station Expansion
WUG Infrastructure Expansion - County-Other, Brazoria (SJB)	WUG	BWSC Reservoir and Pump Station Expansion
		Manvel Supply Expansion
WUG Infrastructure Expansion - County-Other, Fort Bend (SJ)	WUG	New / Expanded Contract with GCWA
WUG Infrastructure Expansion - County-Other, Fort Bend (SJB) - Phase 1	WUG	New / Expanded Contract with GCWA
WUG Infrastructure Expansion - County-Other, Fort Bend (SJB) - Phase 2	WUG	New / Expanded Contract with GCWA
WUG Infrastructure Expansion - County-Other, Fort Bend (SJB) - Phase 3	WUG	New / Expanded Contract with GCWA
WUG Infrastructure Expansion - County-Other, Fort Bend County (Richmond GRP Participants) - Phase 1	WUG	Richmond GRP
WUG Infrastructure Expansion - County-Other, Fort Bend County (Richmond GRP Participants) - Phase 2	WUG	Richmond GRP
WUG Infrastructure Expansion - County-Other, Galveston (SJB)	WUG	New / Expanded Contract with GCWA
WUG Infrastructure Expansion - County-Other, Harris (COH GRP Participants)	WUG	City of Houston GRP
WUG Infrastructure Expansion - County-Other, Harris (SJ)	WUG	New / Expanded Contract with City of Houston
		New / Expanded Contract with Regional Providers
WUG Infrastructure Expansion - County-Other, Harris (SJB)	WUG	New / Expanded Contract with City of Houston
WUG Infrastructure Expansion - County-Other, Harris (TSJ)	WUG	New / Expanded Contract with City of Houston
		New / Expanded Contract with Regional Providers
WUG Infrastructure Expansion - County-Other, Montgomery (SJ) - Phase 1	WUG	Montgomery County Supply Expansion
WUG Infrastructure Expansion - County-Other, Montgomery (SJ) - Phase 2	WUG	Montgomery County Supply Expansion

Project	Project Type	Associated WMS
WUG Infrastructure Expansion - County-Other, Montgomery (SJ) - Phase 3	WUG	Montgomery County Supply Expansion
WUG Infrastructure Expansion - El Dorado UD	WUG	City of Houston GRP
WUG Infrastructure Expansion - Forest Hills MUD	WUG	City of Houston GRP
WUG Infrastructure Expansion - Fort Bend County MUD 115	WUG	Missouri City GRP
WUG Infrastructure Expansion - Fort Bend County MUD 121	WUG	Richmond GRP
WUG Infrastructure Expansion - Fort Bend County MUD 128	WUG	Sugar Land IWRP
WUG Infrastructure Expansion - Fort Bend County MUD 129	WUG	Missouri City GRP
WUG Infrastructure Expansion - Fort Bend County MUD 149	WUG	Missouri City GRP
WUG Infrastructure Expansion - Fort Bend County MUD 152	WUG	Rosenberg GRP
WUG Infrastructure Expansion - Fort Bend County MUD 155	WUG	Rosenberg GRP
WUG Infrastructure Expansion - Fort Bend County MUD 158	WUG	Rosenberg GRP
WUG Infrastructure Expansion - Fort Bend County MUD 48	WUG	Missouri City GRP
WUG Infrastructure Expansion - Fort Bend County MUD 49	WUG	Missouri City GRP
WUG Infrastructure Expansion - Fulshear	WUG	NFBWA GRP
WUG Infrastructure Expansion - Harris County FWSD 27	WUG	BAWA East SWTP Expansion
WUG Infrastructure Expansion - Harris County MUD 106	WUG	WHCRWA GRP
WUG Infrastructure Expansion - Harris County MUD 11	WUG	City of Houston GRP
WUG Infrastructure Expansion - Harris County MUD 119	WUG	City of Houston GRP
WUG Infrastructure Expansion - Harris County MUD 132	WUG	WHCRWA GRP
WUG Infrastructure Expansion - Harris County MUD 151	WUG	WHCRWA GRP
WUG Infrastructure Expansion - Harris County MUD 152	WUG	WHCRWA GRP
WUG Infrastructure Expansion - Harris County MUD 154	WUG	City of Houston GRP
WUG Infrastructure Expansion - Harris County MUD 189	WUG	City of Houston GRP
WUG Infrastructure Expansion - Harris County MUD 221	WUG	City of Houston GRP
WUG Infrastructure Expansion - Harris County MUD 261	WUG	New / Expanded Contract with City of Houston
WUG Infrastructure Expansion - Harris County MUD 278	WUG	City of Houston GRP
WUG Infrastructure Expansion - Harris County MUD 290	WUG	WHCRWA GRP
WUG Infrastructure Expansion - Harris County MUD 36	WUG	City of Houston GRP

Project	Project Type	Associated WMS
WUG Infrastructure Expansion - Harris County MUD 46	WUG	WHCRWA GRP
WUG Infrastructure Expansion - Harris County MUD 6	WUG	New / Expanded Contract with City of Houston
WUG Infrastructure Expansion - Harris County UD 14	WUG	City of Houston GRP
WUG Infrastructure Expansion - Harris County UD 15	WUG	City of Houston GRP
WUG Infrastructure Expansion - Harris County WCID 1	WUG	BAWA East SWTP Expansion
WUG Infrastructure Expansion - Harris County WCID 133	WUG	City of Houston GRP
WUG Infrastructure Expansion - Harris County WCID 74	WUG	City of Houston GRP
WUG Infrastructure Expansion - HMW SUD	WUG	Montgomery County Supply Expansion
WUG Infrastructure Expansion - Kings Manor MUD	WUG	New / Expanded Contract with City of Houston
WUG Infrastructure Expansion - Lake Bonanza WSC	WUG	Montgomery County Supply Expansion
WUG Infrastructure Expansion - Lake Jackson	WUG	BWSC Reservoir and Pump Station Expansion
WUG Infrastructure Expansion - Manufacturing, Fort Bend (B)	WUG	New / Expanded Contract with GCWA
WUG Infrastructure Expansion - Manufacturing, Fort Bend (SJ)	WUG	New / Expanded Contract with GCWA
WUG Infrastructure Expansion - Memorial Villages Water Authority	WUG	New / Expanded Contract with City of Houston
WUG Infrastructure Expansion - Mining, Brazoria (SJB)	WUG	New / Expanded Contract with GCWA
WUG Infrastructure Expansion - Mining, Harris (SJ)	WUG	New / Expanded Contract with City of Houston
WUG Infrastructure Expansion - Mining, Harris (SJB)	WUG	New / Expanded Contract with City of Houston
WUG Infrastructure Expansion - Mont Belvieu	WUG	New / Expanded Contract with City of Houston
WUG Infrastructure Expansion - Montgomery County MUD 112	WUG	Montgomery County Supply Expansion
WUG Infrastructure Expansion - Montgomery County MUD 119	WUG	Montgomery County Supply Expansion
WUG Infrastructure Expansion - Montgomery County MUD 19	WUG	Montgomery County Supply Expansion
WUG Infrastructure Expansion - Montgomery County MUD 88	WUG	Montgomery County Supply Expansion
WUG Infrastructure Expansion - Montgomery County MUD 89	WUG	Montgomery County Supply Expansion
WUG Infrastructure Expansion - Montgomery County MUD 95	WUG	Montgomery County Supply Expansion
WUG Infrastructure Expansion - Montgomery County MUD 98	WUG	New / Expanded Contract with City of Houston
WUG Infrastructure Expansion - Mount Houston Road MUD	WUG	City of Houston GRP
WUG Infrastructure Expansion - MSEC Enterprises - Phase 1	WUG	Montgomery County Supply Expansion
WUG Infrastructure Expansion - MSEC Enterprises - Phase 2	WUG	Montgomery County Supply Expansion

Project	Project Type	Associated WMS
WUG Infrastructure Expansion - NFBWA Districts	WUG	NFBWA GRP
WUG Infrastructure Expansion - NHCRWA Districts 2025	WUG	NHCRWA GRP
WUG Infrastructure Expansion - NHCRWA Districts 2035	WUG	NHCRWA GRP
WUG Infrastructure Expansion - North Belt UD	WUG	City of Houston GRP
WUG Infrastructure Expansion - North Channel Water Authority	WUG	New / Expanded Contract with City of Houston
WUG Infrastructure Expansion - North Forest MUD	WUG	City of Houston GRP
WUG Infrastructure Expansion - North Green MUD	WUG	City of Houston GRP
WUG Infrastructure Expansion - Northeast Harris County MUD 1	WUG	New / Expanded Contract with City of Houston
WUG Infrastructure Expansion - Oak Ridge North	WUG	Montgomery County Supply Expansion
WUG Infrastructure Expansion - Pine Village PUD	WUG	City of Houston GRP
WUG Infrastructure Expansion - Rayford Road MUD	WUG	Montgomery County Supply Expansion
WUG Infrastructure Expansion - Richwood	WUG	BWSC Reservoir and Pump Station Expansion
WUG Infrastructure Expansion - Rolling Fork PUD	WUG	New / Expanded Contract with City of Houston
WUG Infrastructure Expansion - Sedona Lakes MUD 1	WUG	Manvel Supply Expansion
WUG Infrastructure Expansion - Southern Montgomery County MUD	WUG	Montgomery County Supply Expansion
WUG Infrastructure Expansion - Spring Creek UD	WUG	Montgomery County Supply Expansion
WUG Infrastructure Expansion - Steam-Electric Power, Harris (SJ)	WUG	New / Expanded Contract with City of Houston
WUG Infrastructure Expansion - Steam-Electric Power, Harris (SJB)	WUG	New / Expanded Contract with City of Houston
WUG Infrastructure Expansion - Sunbelt FWSD	WUG	City of Houston GRP
WUG Infrastructure Expansion - T & W Water Service	WUG	Montgomery County Supply Expansion
WUG Infrastructure Expansion - The Woodlands - Phase 1	WUG	Montgomery County Supply Expansion
WUG Infrastructure Expansion - The Woodlands - Phase 2	WUG	Montgomery County Supply Expansion
WUG Infrastructure Expansion - Tomball	WUG	NHCRWA GRP
WUG Infrastructure Expansion - Trail of the Lakes MUD	WUG	WHCRWA GRP
WUG Infrastructure Expansion - Westfield Garden Park	WUG	New / Expanded Contract with City of Houston
WUG Infrastructure Expansion - Westwood North WSC	WUG	Montgomery County Supply Expansion
WUG Infrastructure Expansion - WHCRWA Districts	WUG	WHCRWA GRP
WUG Infrastructure Expansion - Windfern Forest Utility District	WUG	New / Expanded Contract with City of Houston

Project	Project Type	Associated WMS
WUG Infrastructure Expansion - Woodcreek MUD	WUG	City of Houston GRP
WUG Infrastructure Expansion - Woodland Oaks Utility	WUG	Montgomery County Supply Expansion
WUG Infrastructure Expansion (Brackish Groundwater) - Dobbin-Plantersville WSC - Phase 1	WUG	Brackish Groundwater Supplies
WUG Infrastructure Expansion (Brackish Groundwater) - Dobbin-Plantersville WSC - Phase 2	WUG	Brackish Groundwater Supplies
WUG Infrastructure Expansion (Brackish Groundwater) - Far Hills UD	WUG	Brackish Groundwater Supplies
WUG Infrastructure Expansion (Brackish Groundwater) - Montgomery	WUG	Brackish Groundwater Supplies
WUG Infrastructure Expansion (Brackish Groundwater) - Panorama Village	WUG	Brackish Groundwater Supplies
WUG Infrastructure Expansion (Brackish Groundwater) - Stanley Lake MUD	WUG	Brackish Groundwater Supplies
WUG Infrastructure Expansion (Groundwater) - Baker Road MUD	WUG	City of Houston GRP
WUG Infrastructure Expansion (Groundwater) - Blaketree MUD 1 of Montgomery County	WUG	Montgomery County Supply Expansion
WUG Infrastructure Expansion (Groundwater) - Blue Bell Manor Utility	WUG	City of Houston GRP
WUG Infrastructure Expansion (Groundwater) - Blue Ridge West MUD	WUG	Missouri City GRP
WUG Infrastructure Expansion (Groundwater) - C C Water Works - Phase 1	WUG	Expanded Use of Groundwater, Chambers County
WUG Infrastructure Expansion (Groundwater) - C C Water Works - Phase 2	WUG	Expanded Use of Groundwater, Chambers County
WUG Infrastructure Expansion (Groundwater) - Chateau Woods MUD	WUG	Montgomery County Supply Expansion
WUG Infrastructure Expansion (Groundwater) - Corinthian Point MUD 2	WUG	Montgomery County Supply Expansion
WUG Infrastructure Expansion (Groundwater) - County-Other, Chambers (T)	WUG	Expanded Use of Groundwater, Chambers County
WUG Infrastructure Expansion (Groundwater) - County-Other, Chambers (TSJ) - Phase 1	WUG	Expanded Use of Groundwater, Chambers County
WUG Infrastructure Expansion (Groundwater) - County-Other, Chambers (TSJ) - Phase 2	WUG	Expanded Use of Groundwater, Chambers County
WUG Infrastructure Expansion (Groundwater) - County-Other, Chambers (TSJ) - Phase 3	WUG	Expanded Use of Groundwater, Chambers County
WUG Infrastructure Expansion (Groundwater) - County-Other, Fort Bend (BC) - Phase 1	WUG	Expanded Use of Groundwater, Fort Bend County
WUG Infrastructure Expansion (Groundwater) - County-Other, Fort Bend (BC) - Phase 2	WUG	Expanded Use of Groundwater, Fort Bend County
WUG Infrastructure Expansion (Groundwater) - County-Other, Fort Bend (BC) - Phase 3	WUG	Expanded Use of Groundwater, Fort Bend County
WUG Infrastructure Expansion (Groundwater) - County-Other, Fort Bend (SJB) - Phase 1	WUG	NFBWA GRP
WUG Infrastructure Expansion (Groundwater) - County-Other, Fort Bend (SJB) - Phase 2	WUG	NFBWA GRP
WUG Infrastructure Expansion (Groundwater) - County-Other, Fort Bend (Sugar Land IWRP)	WUG	Sugar Land IWRP
WUG Infrastructure Expansion (Groundwater) - County-Other, Harris (COH GRP Participants)	WUG	City of Houston GRP
WUG Infrastructure Expansion (Groundwater) - County-Other, Madison (B)	WUG	Expanded Use of Groundwater, Madison County

Project	Project Type	Associated WMS
WUG Infrastructure Expansion (Groundwater) - County-Other, Montgomery (SJ) - Phase 1	WUG	Montgomery County Supply Expansion
WUG Infrastructure Expansion (Groundwater) - County-Other, Montgomery (SJ) - Phase 2	WUG	Montgomery County Supply Expansion
WUG Infrastructure Expansion (Groundwater) - County-Other, Montgomery (SJ) - Phase 3	WUG	Montgomery County Supply Expansion
WUG Infrastructure Expansion (Groundwater) - County-Other, Walker (T)	WUG	Expanded Use of Groundwater, Walker County
WUG Infrastructure Expansion (Groundwater) - County-Other, Waller (B) - Phase 1	WUG	Expanded Use of Groundwater, Waller County
WUG Infrastructure Expansion (Groundwater) - County-Other, Waller (B) - Phase 2	WUG	Expanded Use of Groundwater, Waller County
WUG Infrastructure Expansion (Groundwater) - County-Other, Waller (B) - Phase 3	WUG	Expanded Use of Groundwater, Waller County
WUG Infrastructure Expansion (Groundwater) - County-Other, Waller (SJ) - Phase 1	WUG	Expanded Use of Groundwater, Waller County
WUG Infrastructure Expansion (Groundwater) - County-Other, Waller (SJ) - Phase 2	WUG	Expanded Use of Groundwater, Waller County
WUG Infrastructure Expansion (Groundwater) - County-Other, Waller (SJ) - Phase 3	WUG	Expanded Use of Groundwater, Waller County
WUG Infrastructure Expansion (Groundwater) - Cut and Shoot - Phase 1	WUG	Montgomery County Supply Expansion
WUG Infrastructure Expansion (Groundwater) - Cut and Shoot - Phase 2	WUG	Montgomery County Supply Expansion
WUG Infrastructure Expansion (Groundwater) - Dodge Oakhurst WSC - Phase 1	WUG	Expanded Use of Groundwater, Walker County
WUG Infrastructure Expansion (Groundwater) - Dodge Oakhurst WSC - Phase 2	WUG	Expanded Use of Groundwater, Walker County
WUG Infrastructure Expansion (Groundwater) - Domestic Water	WUG	Montgomery County Supply Expansion
WUG Infrastructure Expansion (Groundwater) - Douglas Utility	WUG	City of Houston GRP
WUG Infrastructure Expansion (Groundwater) - East Montgomery County MUD 6	WUG	Montgomery County Supply Expansion
WUG Infrastructure Expansion (Groundwater) - East Plantation UD	WUG	Montgomery County Supply Expansion
WUG Infrastructure Expansion (Groundwater) - First Colony MUD 9	WUG	Missouri City GRP
WUG Infrastructure Expansion (Groundwater) - Fort Bend County FWSD 1	WUG	NFBWA GRP
WUG Infrastructure Expansion (Groundwater) - Fort Bend County FWSD 2	WUG	Rosenberg GRP
WUG Infrastructure Expansion (Groundwater) - Fort Bend County MUD 116	WUG	Richmond GRP
WUG Infrastructure Expansion (Groundwater) - Fort Bend County MUD 131	WUG	NFBWA GRP
WUG Infrastructure Expansion (Groundwater) - Fort Bend County MUD 162	WUG	Rosenberg GRP
WUG Infrastructure Expansion (Groundwater) - Fort Bend County MUD 23	WUG	Missouri City GRP
WUG Infrastructure Expansion (Groundwater) - Fort Bend County MUD 24	WUG	Missouri City GRP
WUG Infrastructure Expansion (Groundwater) - Fort Bend County MUD 26	WUG	Missouri City GRP
WUG Infrastructure Expansion (Groundwater) - Fort Bend County MUD 42	WUG	Missouri City GRP

Project	Project Type	Associated WMS
WUG Infrastructure Expansion (Groundwater) - Fort Bend County MUD 5	WUG	Rosenberg GRP
WUG Infrastructure Expansion (Groundwater) - Fort Bend County WCID 3	WUG	Richmond GRP
WUG Infrastructure Expansion (Groundwater) - Grand Oaks MUD	WUG	Montgomery County Supply Expansion
WUG Infrastructure Expansion (Groundwater) - Green Trails MUD	WUG	City of Houston GRP
WUG Infrastructure Expansion (Groundwater) - Harris County FWSD 58	WUG	City of Houston GRP
WUG Infrastructure Expansion (Groundwater) - Harris County MUD 153	WUG	City of Houston GRP
WUG Infrastructure Expansion (Groundwater) - Harris County MUD 216	WUG	City of Houston GRP
WUG Infrastructure Expansion (Groundwater) - Harris County MUD 342	WUG	City of Houston GRP
WUG Infrastructure Expansion (Groundwater) - Harris County MUD 345	WUG	City of Houston GRP
WUG Infrastructure Expansion (Groundwater) - Harris County MUD 361	WUG	City of Houston GRP
WUG Infrastructure Expansion (Groundwater) - Harris County MUD 494	WUG	City of Houston GRP
WUG Infrastructure Expansion (Groundwater) - Harris County MUD 58	WUG	City of Houston GRP
WUG Infrastructure Expansion (Groundwater) - Harris County WCID 70	WUG	City of Houston GRP
WUG Infrastructure Expansion (Groundwater) - High Prairie WSC	WUG	Expanded Use of Groundwater, Leon County
WUG Infrastructure Expansion (Groundwater) - HMW SUD	WUG	NHCRWA GRP
WUG Infrastructure Expansion (Groundwater) - Huntsville	WUG	Expanded Use of Groundwater, Walker County
WUG Infrastructure Expansion (Groundwater) - Irrigation, Leon (T)	WUG	Expanded Use of Groundwater, Leon County
WUG Infrastructure Expansion (Groundwater) - Irrigation, Liberty (N)	WUG	Expanded Use of Groundwater, Liberty County
WUG Infrastructure Expansion (Groundwater) - Irrigation, Liberty (SJ)	WUG	Expanded Use of Groundwater, Liberty County
WUG Infrastructure Expansion (Groundwater) - Irrigation, Montgomery (SJ) - Phase 1	WUG	Montgomery County Supply Expansion
WUG Infrastructure Expansion (Groundwater) - Irrigation, Montgomery (SJ) - Phase 2	WUG	Montgomery County Supply Expansion
WUG Infrastructure Expansion (Groundwater) - Johnston Water Utility - Phase 1	WUG	Montgomery County Supply Expansion
WUG Infrastructure Expansion (Groundwater) - Johnston Water Utility - Phase 2	WUG	Montgomery County Supply Expansion
WUG Infrastructure Expansion (Groundwater) - Katy	WUG	WHCRWA GRP
WUG Infrastructure Expansion (Groundwater) - Keenan WSC	WUG	Montgomery County Supply Expansion
WUG Infrastructure Expansion (Groundwater) - Kings Manor MUD	WUG	Montgomery County Supply Expansion
WUG Infrastructure Expansion (Groundwater) - Lake Conroe Hills MUD	WUG	Montgomery County Supply Expansion
WUG Infrastructure Expansion (Groundwater) - Lazy River Improvement District	WUG	Montgomery County Supply Expansion

Project	Project Type	Associated WMS
WUG Infrastructure Expansion (Groundwater) - Livestock, Leon (B)	WUG	Expanded Use of Groundwater, Leon County
WUG Infrastructure Expansion (Groundwater) - Livestock, Leon (T)	WUG	Expanded Use of Groundwater, Leon County
WUG Infrastructure Expansion (Groundwater) - Livestock, Liberty (NT)	WUG	Expanded Use of Groundwater, Liberty County
WUG Infrastructure Expansion (Groundwater) - Livestock, Liberty (SJ)	WUG	Expanded Use of Groundwater, Liberty County
WUG Infrastructure Expansion (Groundwater) - Livestock, Liberty (T)	WUG	Expanded Use of Groundwater, Liberty County
WUG Infrastructure Expansion (Groundwater) - Livestock, Liberty (TSJ)	WUG	Expanded Use of Groundwater, Liberty County
WUG Infrastructure Expansion (Groundwater) - Livestock, Montgomery (SJ)	WUG	Montgomery County Supply Expansion
WUG Infrastructure Expansion (Groundwater) - Longhorn Town UD	WUG	City of Houston GRP
WUG Infrastructure Expansion (Groundwater) - Luce Bayou PUD	WUG	City of Houston GRP
WUG Infrastructure Expansion (Groundwater) - Magnolia - Phase 1	WUG	Montgomery County Supply Expansion
WUG Infrastructure Expansion (Groundwater) - Magnolia - Phase 2	WUG	Montgomery County Supply Expansion
WUG Infrastructure Expansion (Groundwater) - Manufacturing, Leon (T)	WUG	Expanded Use of Groundwater, Leon County
WUG Infrastructure Expansion (Groundwater) - Manufacturing, Montgomery - Phase 1	WUG	Montgomery County Supply Expansion
WUG Infrastructure Expansion (Groundwater) - Manufacturing, Montgomery - Phase 2	WUG	Montgomery County Supply Expansion
WUG Infrastructure Expansion (Groundwater) - Mason Creek UD	WUG	City of Houston GRP
WUG Infrastructure Expansion (Groundwater) - Meadowcreek MUD	WUG	Missouri City GRP
WUG Infrastructure Expansion (Groundwater) - Mining, Austin (B)	WUG	Expanded Use of Groundwater, Austin County
WUG Infrastructure Expansion (Groundwater) - Mining, Liberty (SJ)	WUG	Expanded Use of Groundwater, Liberty County
WUG Infrastructure Expansion (Groundwater) - Mining, Liberty (T)	WUG	Expanded Use of Groundwater, Liberty County
WUG Infrastructure Expansion (Groundwater) - Mining, Montgomery	WUG	Montgomery County Supply Expansion
WUG Infrastructure Expansion (Groundwater) - Mining, Polk (T)	WUG	Expanded Use of Groundwater, Polk County
WUG Infrastructure Expansion (Groundwater) - Mining, San Jacinto (T)	WUG	Expanded Use of Groundwater, San Jacinto County
WUG Infrastructure Expansion (Groundwater) - Mont Belvieu - Phase 1	WUG	Expanded Use of Groundwater, Chambers County
WUG Infrastructure Expansion (Groundwater) - Mont Belvieu - Phase 2	WUG	Expanded Use of Groundwater, Chambers County
WUG Infrastructure Expansion (Groundwater) - Montgomery County MUD 105	WUG	Montgomery County Supply Expansion
WUG Infrastructure Expansion (Groundwater) - Montgomery County MUD 115	WUG	Montgomery County Supply Expansion
WUG Infrastructure Expansion (Groundwater) - Montgomery County MUD 126	WUG	Montgomery County Supply Expansion
WUG Infrastructure Expansion (Groundwater) - Montgomery County MUD 127	WUG	Montgomery County Supply Expansion

Project	Project Type	Associated WMS
WUG Infrastructure Expansion (Groundwater) - Montgomery County MUD 137	WUG	Montgomery County Supply Expansion
WUG Infrastructure Expansion (Groundwater) - Montgomery County MUD 139	WUG	Montgomery County Supply Expansion
WUG Infrastructure Expansion (Groundwater) - Montgomery County MUD 15	WUG	Montgomery County Supply Expansion
WUG Infrastructure Expansion (Groundwater) - Montgomery County MUD 18	WUG	Montgomery County Supply Expansion
WUG Infrastructure Expansion (Groundwater) - Montgomery County MUD 56	WUG	Montgomery County Supply Expansion
WUG Infrastructure Expansion (Groundwater) - Montgomery County MUD 83	WUG	Montgomery County Supply Expansion
WUG Infrastructure Expansion (Groundwater) - Montgomery County MUD 94	WUG	Montgomery County Supply Expansion
WUG Infrastructure Expansion (Groundwater) - Montgomery County UD 2	WUG	Montgomery County Supply Expansion
WUG Infrastructure Expansion (Groundwater) - Montgomery County UD 3	WUG	Montgomery County Supply Expansion
WUG Infrastructure Expansion (Groundwater) - Montgomery County UD 4	WUG	Montgomery County Supply Expansion
WUG Infrastructure Expansion (Groundwater) - New Caney MUD - Phase 1	WUG	Montgomery County Supply Expansion
WUG Infrastructure Expansion (Groundwater) - New Caney MUD - Phase 2	WUG	Montgomery County Supply Expansion
WUG Infrastructure Expansion (Groundwater) - Nitsch and Son Utility	WUG	City of Houston GRP
WUG Infrastructure Expansion (Groundwater) - Northwest Harris County MUD 16	WUG	City of Houston GRP
WUG Infrastructure Expansion (Groundwater) - Palmer Plantation MUD 1	WUG	Missouri City GRP
WUG Infrastructure Expansion (Groundwater) - Patton Village	WUG	Montgomery County Supply Expansion
WUG Infrastructure Expansion (Groundwater) - Pinehurst Decker Prairie WSC	WUG	Montgomery County Supply Expansion
WUG Infrastructure Expansion (Groundwater) - Pinewood Community	WUG	NHCRWA GRP
WUG Infrastructure Expansion (Groundwater) - Plantation MUD	WUG	Sugar Land IWRP
WUG Infrastructure Expansion (Groundwater) - Point Aquarius MUD	WUG	Montgomery County Supply Expansion
WUG Infrastructure Expansion (Groundwater) - Porter SUD - Phase 1	WUG	Montgomery County Supply Expansion
WUG Infrastructure Expansion (Groundwater) - Porter SUD - Phase 2	WUG	Montgomery County Supply Expansion
WUG Infrastructure Expansion (Groundwater) - Quadvest (Rosenberg GRP)	WUG	Rosenberg GRP
WUG Infrastructure Expansion (Groundwater) - Quadvest, Fort Bend (B)	WUG	NFBWA GRP
WUG Infrastructure Expansion (Groundwater) - Quadvest, Harris (SJ)	WUG	NHCRWA GRP
WUG Infrastructure Expansion (Groundwater) - Quadvest, Liberty (SJ) - Phase 1	WUG	Expanded Use of Groundwater, Liberty County
WUG Infrastructure Expansion (Groundwater) - Quadvest, Liberty (SJ) - Phase 2	WUG	Expanded Use of Groundwater, Liberty County
WUG Infrastructure Expansion (Groundwater) - Quadvest, Montgomery (SJ) - Phase 1	WUG	Montgomery County Supply Expansion

Project	Project Type	Associated WMS
WUG Infrastructure Expansion (Groundwater) - Quadvest, Montgomery (SJ) - Phase 2	WUG	Montgomery County Supply Expansion
WUG Infrastructure Expansion (Groundwater) - Ranch Crest Water	WUG	Montgomery County Supply Expansion
WUG Infrastructure Expansion (Groundwater) - River Plantation MUD	WUG	Montgomery County Supply Expansion
WUG Infrastructure Expansion (Groundwater) - Roman Forest Consolidated MUD	WUG	Montgomery County Supply Expansion
WUG Infrastructure Expansion (Groundwater) - Royal Valley Utilities (NFBWA GRP Participant)	WUG	NFBWA GRP
WUG Infrastructure Expansion (Groundwater) - Royal Valley Utilities (Sugar Land IWRP)	WUG	Sugar Land IWRP
WUG Infrastructure Expansion (Groundwater) - Sequoia Improvement District	WUG	City of Houston GRP
WUG Infrastructure Expansion (Groundwater) - Shenandoah - Phase 1	WUG	Montgomery County Supply Expansion
WUG Infrastructure Expansion (Groundwater) - Shenandoah - Phase 2	WUG	Montgomery County Supply Expansion
WUG Infrastructure Expansion (Groundwater) - South Cleveland WSC	WUG	Expanded Use of Groundwater, Liberty County
WUG Infrastructure Expansion (Groundwater) - Southern Water	WUG	City of Houston GRP
WUG Infrastructure Expansion (Groundwater) - Splendora - Phase 1	WUG	Expanded Use of Groundwater, Liberty County
WUG Infrastructure Expansion (Groundwater) - Splendora - Phase 2	WUG	Expanded Use of Groundwater, Liberty County
WUG Infrastructure Expansion (Groundwater) - Steam-Electric Power, Austin (B)	WUG	Expanded Use of Groundwater, Austin County
WUG Infrastructure Expansion (Groundwater) - Steam-Electric Power, Montgomery - Phase 1	WUG	Montgomery County Supply Expansion
WUG Infrastructure Expansion (Groundwater) - Steam-Electric Power, Montgomery - Phase 2	WUG	Montgomery County Supply Expansion
WUG Infrastructure Expansion (Groundwater) - Suburban Utility	WUG	City of Houston GRP
WUG Infrastructure Expansion (Groundwater) - The Commons Water Supply	WUG	City of Houston GRP
WUG Infrastructure Expansion (Groundwater) - Thunderbird UD	WUG	Missouri City GRP
WUG Infrastructure Expansion (Groundwater) - Walker County SUD	WUG	Expanded Use of Groundwater, Walker County
WUG Infrastructure Expansion (Groundwater) - Waller – Phase 1	WUG	Expanded Use of Groundwater, Waller County
WUG Infrastructure Expansion (Groundwater) - Waller – Phase	WUG	Expanded Use of Groundwater, Waller County
WUG Infrastructure Expansion (Groundwater) - West Harris County MUD 6	WUG	City of Houston GRP
WUG Infrastructure Expansion (Groundwater) - White Oak WSC	WUG	Montgomery County Supply Expansion
WUG Infrastructure Expansion (Groundwater) - Wood Branch Village	WUG	Montgomery County Supply Expansion
WUG Infrastructure Expansion (Groundwater) - Wood Trace MUD 1	WUG	Montgomery County Supply Expansion

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Table 5-A5 – Second-Tier Identified Water Need[1,2]

Water User Group	County	Basin	Type	Second Tier Needs Remaining After Conservation and Direct Reuse (ac ft)					
				2030	2040	2050	2060	2070	2080
Alvin	Brazoria	San Jacinto-Brazos	Municipal	0	0	0	0	0	0
Ames Minglewood WSC	Liberty	Trinity	Municipal	0	0	0	0	0	0
Anahuac	Chambers	Neches-Trinity	Municipal	0	0	0	0	0	0
Anahuac	Chambers	Trinity	Municipal	0	0	0	0	0	0
Angleton	Brazoria	San Jacinto-Brazos	Municipal	0	0	0	0	0	0
Austin County WSC	Austin	Brazos	Municipal	0	0	0	0	0	0
Austin County WSC	Austin	Brazos-Colorado	Municipal	0	0	0	0	0	0
Bacliff MUD	Galveston	San Jacinto-Brazos	Municipal	0	0	0	0	0	0
Baker Road MUD	Harris	San Jacinto	Municipal	0	46	45	44	59	65
Baybrook MUD 1	Harris	San Jacinto-Brazos	Municipal	0	0	0	0	0	0
Baytown	Chambers	Trinity	Municipal	0	0	0	0	0	0
Baytown	Chambers	Trinity-San Jacinto	Municipal	0	0	0	0	0	0
Baytown	Harris	San Jacinto	Municipal	0	0	0	0	0	0
Baytown	Harris	Trinity-San Jacinto	Municipal	0	0	0	0	0	0
Bayview MUD	Galveston	San Jacinto-Brazos	Municipal	0	0	0	0	0	0
Bellaire	Harris	San Jacinto	Municipal	0	0	0	0	0	0
Bellville	Austin	Brazos	Municipal	0	0	0	0	0	0
Blaketree MUD 1 of Montgomery County	Montgomery	San Jacinto	Municipal	2	11	35	45	50	54
Blue Bell Manor Utility	Harris	San Jacinto	Municipal	0	65	73	75	68	64
Blue Ridge West MUD	Fort Bend	San Jacinto	Municipal	0	0	0	0	0	0
Bolivar Peninsula SUD	Galveston	Neches-Trinity	Municipal	0	0	0	0	0	0
Brazoria	Brazoria	Brazos	Municipal	0	0	0	0	0	0
Brazoria	Brazoria	Brazos-Colorado	Municipal	0	0	0	0	0	0
Brazoria County FWSD 1	Brazoria	Brazos	Municipal	0	0	0	0	0	0

Water User Group	County	Basin	Type	Second Tier Needs Remaining After Conservation and Direct Reuse (ac ft)					
				2030	2040	2050	2060	2070	2080
Brazoria County FWSD 1	Brazoria	Brazos-Colorado	Municipal	0	0	0	0	0	0
Brazoria County MUD 2	Brazoria	San Jacinto-Brazos	Municipal	0	0	0	0	0	0
Brazoria County MUD 21	Brazoria	San Jacinto-Brazos	Municipal	0	0	0	0	0	0
Brazoria County MUD 22	Brazoria	San Jacinto-Brazos	Municipal	0	0	0	0	0	0
Brazoria County MUD 25	Brazoria	San Jacinto-Brazos	Municipal	19	29	32	35	35	32
Brazoria County MUD 29	Brazoria	San Jacinto-Brazos	Municipal	104	113	116	117	122	119
Brazoria County MUD 3	Brazoria	San Jacinto-Brazos	Municipal	0	0	0	0	0	0
Brazoria County MUD 31	Brazoria	San Jacinto-Brazos	Municipal	0	0	0	0	0	0
Brazoria County MUD 39	Brazoria	San Jacinto-Brazos	Municipal	291	362	365	415	445	454
Brazoria County MUD 55	Brazoria	San Jacinto-Brazos	Municipal	0	0	0	0	0	0
Brazoria County MUD 6	Brazoria	San Jacinto-Brazos	Municipal	0	0	0	0	0	0
Brookshire MWD	Waller	Brazos	Municipal	0	0	0	0	0	0
Buffalo	Leon	Trinity	Municipal	0	0	0	0	0	0
Bunker Hill Village	Harris	San Jacinto	Municipal	0	0	0	0	0	0
C C Water Works	Chambers	Trinity	Municipal	69	169	294	414	542	686
C C Water Works	Chambers	Trinity-San Jacinto	Municipal	10	24	42	59	78	98
Cape Royale UD	San Jacinto	Trinity	Municipal	0	0	0	0	0	0
Centerville	Leon	Trinity	Municipal	0	0	0	0	0	0
Central Harris County Regional Water Authority	Harris	San Jacinto	Municipal	649	1,586	1,591	1,562	1,608	1,563
Chambers County MUD 1	Chambers	Trinity-San Jacinto	Municipal	0	0	0	0	0	0
Chateau Woods MUD	Montgomery	San Jacinto	Municipal	0	64	111	142	161	177
Chimney Hill MUD	Harris	San Jacinto	Municipal	0	0	0	0	0	0
Clear Brook City MUD	Harris	San Jacinto-Brazos	Municipal	0	0	0	0	0	0
Clear Lake City Water Authority	Harris	San Jacinto-Brazos	Municipal	0	0	0	0	0	0
Cleveland	Liberty	San Jacinto	Municipal	0	0	0	0	0	0

Water User Group	County	Basin	Type	Second Tier Needs Remaining After Conservation and Direct Reuse (ac ft)					
				2030	2040	2050	2060	2070	2080
Clute	Brazoria	San Jacinto-Brazos	Municipal	0	0	0	0	0	0
Concord-Robbins WSC	Leon	Brazos	Municipal	0	0	0	0	0	0
Concord-Robbins WSC	Leon	Trinity	Municipal	0	0	0	0	0	0
Conroe	Montgomery	San Jacinto	Municipal	2,216	2,917	3,693	4,874	6,282	7,400
Conroe Resort Utilities	Montgomery	San Jacinto	Municipal	0	13	27	37	47	54
Corinthian Point MUD 2	Montgomery	San Jacinto	Municipal	0	3	17	26	33	40
Country Terrace Water	Harris	San Jacinto	Municipal	0	0	0	0	0	0
County-Other, Austin	Austin	Brazos	Municipal	0	0	0	0	0	0
County-Other, Austin	Austin	Brazos-Colorado	Municipal	0	0	0	0	0	0
County-Other, Austin	Austin	Colorado	Municipal	0	0	0	0	0	0
County-Other, Brazoria	Brazoria	Brazos	Municipal	333	336	354	354	358	343
County-Other, Brazoria	Brazoria	Brazos-Colorado	Municipal	33	24	117	208	314	328
County-Other, Brazoria	Brazoria	San Jacinto-Brazos	Municipal	3,204	3,823	4,501	4,674	4,870	4,958
County-Other, Chambers	Chambers	Neches-Trinity	Municipal	0	0	0	0	0	0
County-Other, Chambers	Chambers	Trinity	Municipal	0	0	0	0	248	876
County-Other, Chambers	Chambers	Trinity-San Jacinto	Municipal	0	263	988	1,644	2,324	3,053
County-Other, Fort Bend	Fort Bend	Brazos	Municipal	1,905	3,021	2,622	2,582	1,948	778
County-Other, Fort Bend	Fort Bend	Brazos-Colorado	Municipal	0	2,183	4,945	7,008	9,161	10,837
County-Other, Fort Bend	Fort Bend	San Jacinto	Municipal	8	26	46	56	61	68
County-Other, Fort Bend	Fort Bend	San Jacinto-Brazos	Municipal	133	1,027	2,202	3,175	4,195	4,977
County-Other, Galveston	Galveston	San Jacinto-Brazos	Municipal	2,608	2,671	2,709	2,720	2,703	2,685
County-Other, Harris	Harris	San Jacinto	Municipal	1,903	8,745	10,592	11,656	12,206	12,196
County-Other, Harris	Harris	San Jacinto-Brazos	Municipal	442	531	591	624	639	640
County-Other, Harris	Harris	Trinity-San Jacinto	Municipal	2,214	2,560	2,859	2,978	3,034	3,063
County-Other, Leon	Leon	Brazos	Municipal	0	0	0	0	0	0
County-Other, Leon	Leon	Trinity	Municipal	0	0	0	0	0	0

Water User Group	County	Basin	Type	Second Tier Needs Remaining After Conservation and Direct Reuse (ac ft)					
				2030	2040	2050	2060	2070	2080
County-Other, Liberty	Liberty	Neches	Municipal	0	0	0	0	0	0
County-Other, Liberty	Liberty	Neches-Trinity	Municipal	0	0	0	0	0	0
County-Other, Liberty	Liberty	San Jacinto	Municipal	0	0	0	0	0	0
County-Other, Liberty	Liberty	Trinity	Municipal	0	0	0	0	0	0
County-Other, Liberty	Liberty	Trinity-San Jacinto	Municipal	0	0	0	0	0	0
County-Other, Madison	Madison	Brazos	Municipal	11	10	8	7	5	4
County-Other, Madison	Madison	Trinity	Municipal	0	0	0	0	0	0
County-Other, Montgomery	Montgomery	San Jacinto	Municipal	0	2,758	7,070	10,408	12,686	14,617
County-Other, Polk	Polk	Trinity	Municipal	0	0	0	0	0	0
County-Other, Polk	*Polk*	*Neches*	*Municipal*	*0*	*0*	*0*	*0*	*0*	*0*
County-Other, San Jacinto	San Jacinto	San Jacinto	Municipal	0	0	0	0	0	0
County-Other, San Jacinto	San Jacinto	Trinity	Municipal	0	0	0	0	0	0
County-Other, Trinity	Trinity	Trinity	Municipal	0	0	0	0	0	0
County-Other, Walker	Walker	San Jacinto	Municipal	0	0	0	0	0	0
County-Other, Walker	Walker	Trinity	Municipal	137	55	0	0	0	0
County-Other, Waller	Waller	Brazos	Municipal	124	397	949	1,618	2,309	3,004
County-Other, Waller	Waller	San Jacinto	Municipal	261	521	1,049	1,692	2,353	3,018
Crosby MUD	Harris	San Jacinto	Municipal	0	1	0	2	54	45
Cut & Shoot	Montgomery	San Jacinto	Municipal	436	569	792	1,020	1,197	1,219
Daisetta	Liberty	Neches	Municipal	0	0	0	0	0	0
Danbury	Brazoria	San Jacinto-Brazos	Municipal	0	0	0	0	0	0
Dayton	Liberty	Trinity	Municipal	0	0	0	0	0	0
Dayton	Liberty	Trinity-San Jacinto	Municipal	0	0	0	0	0	0
Deer Park	Harris	San Jacinto	Municipal	0	0	0	0	0	0
Deer Park	Harris	San Jacinto-Brazos	Municipal	0	0	0	0	0	0
Devers	Liberty	Neches	Municipal	0	0	0	0	0	0

Water User Group	County	Basin	Type	Second Tier Needs Remaining After Conservation and Direct Reuse (ac ft)					
				2030	2040	2050	2060	2070	2080
Devers	Liberty	Trinity	Municipal	0	0	0	0	0	0
Dobbin Plantersville WSC	*Grimes*	*Brazos*	*Municipal*	*0*	*0*	*4*	*9*	*14*	*20*
Dobbin Plantersville WSC	*Grimes*	*San Jacinto*	*Municipal*	*63*	*90*	*114*	*134*	*158*	*184*
Dobbin Plantersville WSC	Montgomery	San Jacinto	Municipal	0	140	338	519	726	905
Dodge Oakhurst WSC	San Jacinto	San Jacinto	Municipal	0	0	0	0	0	0
Dodge Oakhurst WSC	San Jacinto	Trinity	Municipal	0	0	0	0	0	0
Dodge Oakhurst WSC	Walker	San Jacinto	Municipal	0	0	6	35	78	136
Dodge Oakhurst WSC	Walker	Trinity	Municipal	0	0	9	47	104	179
Domestic Water	Montgomery	San Jacinto	Municipal	0	16	29	41	50	54
Douglas Utility	Harris	San Jacinto	Municipal	0	50	54	57	52	52
East Montgomery County MUD 6	Montgomery	San Jacinto	Municipal	1	43	85	129	164	172
East Plantation UD	Montgomery	San Jacinto	Municipal	1	35	87	141	146	159
El Dorado UD	Harris	San Jacinto	Municipal	0	76	102	107	111	111
Far Hills UD	Montgomery	San Jacinto	Municipal	0	21	55	84	106	125
First Colony MUD 9	Fort Bend	Brazos	Municipal	0	0	0	16	34	46
First Colony MUD 9	Fort Bend	San Jacinto-Brazos	Municipal	0	0	0	1	19	32
Flo Community WSC	*Freestone*	*Trinity*	*Municipal*	*0*	*0*	*0*	*0*	*0*	*0*
Flo Community WSC	Leon	Trinity	Municipal	0	0	0	0	0	0
Forest Hills MUD	Harris	San Jacinto	Municipal	0	4	3	1	83	0
Fort Bend County FWSD 1	Brazoria	San Jacinto-Brazos	Municipal	0	0	0	0	0	0
Fort Bend County FWSD 1	Fort Bend	San Jacinto-Brazos	Municipal	0	221	291	297	313	326
Fort Bend County FWSD 2	Fort Bend	Brazos	Municipal	0	0	0	0	1	2
Fort Bend County FWSD 2	Fort Bend	San Jacinto	Municipal	52	51	53	53	55	57
Fort Bend County FWSD 2	Fort Bend	San Jacinto-Brazos	Municipal	261	262	280	293	307	316
Fort Bend County MUD 115	Fort Bend	Brazos	Municipal	0	0	21	28	44	53
Fort Bend County MUD 116	Fort Bend	Brazos	Municipal	0	32	18	25	30	37

Water User Group	County	Basin	Type	Second Tier Needs Remaining After Conservation and Direct Reuse (ac ft)					
				2030	2040	2050	2060	2070	2080
Fort Bend County MUD 121	Fort Bend	Brazos	Municipal	260	252	250	248	246	242
Fort Bend County MUD 128	Fort Bend	Brazos	Municipal	102	99	107	92	121	157
Fort Bend County MUD 129	Fort Bend	Brazos	Municipal	0	0	0	0	0	26
Fort Bend County MUD 131	Fort Bend	San Jacinto-Brazos	Municipal	0	0	0	0	14	19
Fort Bend County MUD 140	Fort Bend	Brazos	Municipal	0	0	0	0	0	0
Fort Bend County MUD 149	Fort Bend	Brazos	Municipal	0	0	0	0	0	0
Fort Bend County MUD 152	Fort Bend	Brazos	Municipal	0	0	0	0	3	0
Fort Bend County MUD 155	Fort Bend	Brazos	Municipal	0	51	141	208	267	295
Fort Bend County MUD 158	Fort Bend	Brazos	Municipal	0	15	56	87	114	127
Fort Bend County MUD 162	Fort Bend	Brazos	Municipal	0	0	0	8	51	63
Fort Bend County MUD 23	Fort Bend	San Jacinto-Brazos	Municipal	0	0	0	0	0	0
Fort Bend County MUD 24	Fort Bend	San Jacinto-Brazos	Municipal	0	0	0	0	0	0
Fort Bend County MUD 25	Fort Bend	Brazos	Municipal	207	186	182	174	166	164
Fort Bend County MUD 25	Fort Bend	San Jacinto-Brazos	Municipal	553	529	505	468	444	430
Fort Bend County MUD 26	Fort Bend	San Jacinto	Municipal	0	0	0	0	0	0
Fort Bend County MUD 26	Fort Bend	San Jacinto-Brazos	Municipal	0	0	0	16	21	25
Fort Bend County MUD 42	Fort Bend	San Jacinto-Brazos	Municipal	0	0	0	6	15	24
Fort Bend County MUD 46	Fort Bend	Brazos	Municipal	0	0	0	0	0	0
Fort Bend County MUD 46	Fort Bend	San Jacinto-Brazos	Municipal	0	0	0	0	0	0
Fort Bend County MUD 47	Fort Bend	San Jacinto-Brazos	Municipal	0	0	0	0	0	0
Fort Bend County MUD 48	Fort Bend	San Jacinto-Brazos	Municipal	0	0	0	0	0	0
Fort Bend County MUD 49	Fort Bend	Brazos	Municipal	12	13	13	13	13	13
Fort Bend County MUD 49	Fort Bend	San Jacinto-Brazos	Municipal	0	0	0	0	0	0
Fort Bend County MUD 5	Fort Bend	Brazos	Municipal	0	6	29	37	37	32
Fort Bend County MUD 81	Fort Bend	Brazos	Municipal	0	0	0	0	0	0
Fort Bend County WCID 2	Fort Bend	San Jacinto	Municipal	1,606	1,595	1,623	1,637	1,707	1,784

Water User Group	County	Basin	Type	Second Tier Needs Remaining After Conservation and Direct Reuse (ac ft)					
				2030	2040	2050	2060	2070	2080
Fort Bend County WCID 2	Fort Bend	San Jacinto-Brazos	Municipal	1,018	1,186	1,245	1,267	1,326	1,396
Fort Bend County WCID 2	Harris	San Jacinto	Municipal	78	138	138	138	141	145
Fort Bend County WCID 3	Fort Bend	Brazos	Municipal	0	0	0	0	7	17
Freeport	Brazoria	Brazos	Municipal	0	0	0	0	0	0
Freeport	Brazoria	Brazos-Colorado	Municipal	0	0	0	0	0	0
Freeport	Brazoria	San Jacinto-Brazos	Municipal	0	0	0	0	0	0
Friendswood	Galveston	San Jacinto-Brazos	Municipal	0	0	0	0	0	0
Friendswood	Harris	San Jacinto-Brazos	Municipal	0	0	0	0	0	0
Fulshear	Fort Bend	Brazos	Municipal	0	252	239	250	257	252
Fulshear	Fort Bend	San Jacinto	Municipal	0	9	8	10	11	12
Fulshear	Fort Bend	San Jacinto-Brazos	Municipal	0	924	886	887	936	919
G & W WSC	*Grimes*	*Brazos*	*Municipal*	*0*	*0*	*0*	*0*	*0*	*0*
G & W WSC	*Grimes*	*San Jacinto*	*Municipal*	*0*	*0*	*0*	*0*	*0*	*0*
G & W WSC	Montgomery	San Jacinto	Municipal	0	0	0	0	0	0
G & W WSC	Waller	Brazos	Municipal	0	0	0	0	0	0
G & W WSC	Waller	San Jacinto	Municipal	0	0	0	0	0	0
Galena Park	Harris	San Jacinto	Municipal	0	0	0	0	0	0
Galveston	Galveston	San Jacinto-Brazos	Municipal	0	0	0	0	0	0
Galveston County FWSD 6	Galveston	San Jacinto-Brazos	Municipal	0	0	0	0	0	0
Galveston County MUD 12	Galveston	San Jacinto-Brazos	Municipal	0	0	0	0	0	0
Galveston County WCID 1	Galveston	San Jacinto-Brazos	Municipal	0	0	0	0	0	0
Galveston County WCID 12	Galveston	San Jacinto-Brazos	Municipal	0	0	0	0	0	0
Galveston County WCID 8	Galveston	San Jacinto-Brazos	Municipal	0	0	0	0	0	0
Glendale WSC	Trinity	Trinity	Municipal	0	0	0	0	0	0
Grand Oaks MUD	Montgomery	San Jacinto	Municipal	0	27	50	59	65	69
Green Trails MUD	Harris	San Jacinto	Municipal	0	108	107	106	117	123

Water User Group	County	Basin	Type	Second Tier Needs Remaining After Conservation and Direct Reuse (ac ft)					
				2030	2040	2050	2060	2070	2080
Greenwood UD	Harris	San Jacinto	Municipal	0	0	0	0	0	0
Groveton	Trinity	Trinity	Municipal	0	0	0	0	0	0
Groveton	*Trinity*	*Neches*	*Municipal*	*0*	*0*	*0*	*0*	*0*	*0*
Hardin WSC	Liberty	Neches	Municipal	0	0	0	0	0	0
Hardin WSC	Liberty	Trinity	Municipal	0	0	0	0	0	0
Harris County FWSD 1-A	Harris	San Jacinto	Municipal	0	0	0	0	0	0
Harris County FWSD 27	Harris	San Jacinto	Municipal	27	69	86	93	144	122
Harris County FWSD 58	Harris	San Jacinto	Municipal	0	52	50	49	47	45
Harris County MUD 106	Harris	San Jacinto	Municipal	0	0	0	0	0	0
Harris County MUD 11	Harris	San Jacinto	Municipal	0	9	8	5	2	0
Harris County MUD 119	Harris	San Jacinto	Municipal	0	140	137	135	127	120
Harris County MUD 122	Harris	San Jacinto	Municipal	0	0	0	0	0	0
Harris County MUD 132	Harris	San Jacinto	Municipal	0	0	0	0	0	0
Harris County MUD 148	Harris	San Jacinto	Municipal	0	0	0	0	0	0
Harris County MUD 151	Harris	San Jacinto	Municipal	0	0	0	0	0	0
Harris County MUD 152	Harris	San Jacinto	Municipal	0	0	0	0	0	0
Harris County MUD 153	Harris	San Jacinto	Municipal	0	245	267	276	314	320
Harris County MUD 154	Harris	San Jacinto	Municipal	0	170	173	159	176	166
Harris County MUD 180	Harris	San Jacinto	Municipal	0	0	0	0	0	0
Harris County MUD 189	Harris	San Jacinto	Municipal	0	106	111	114	128	148
Harris County MUD 216	Harris	San Jacinto	Municipal	0	94	92	89	92	93
Harris County MUD 221	Harris	San Jacinto	Municipal	0	75	79	79	86	84
Harris County MUD 23	Harris	San Jacinto	Municipal	0	0	0	0	0	0
Harris County MUD 261	Harris	San Jacinto	Municipal	162	224	230	231	229	230
Harris County MUD 278	Harris	San Jacinto	Municipal	0	0	0	0	0	0
Harris County MUD 290	Harris	San Jacinto	Municipal	0	0	0	0	0	0

Water User Group	County	Basin	Type	Second Tier Needs Remaining After Conservation and Direct Reuse (ac ft)					
				2030	2040	2050	2060	2070	2080
Harris County MUD 321	Harris	San Jacinto	Municipal	0	0	0	0	0	0
Harris County MUD 342	Harris	San Jacinto	Municipal	0	126	245	298	297	307
Harris County MUD 344	Harris	San Jacinto	Municipal	0	0	0	0	0	0
Harris County MUD 345	Harris	San Jacinto	Municipal	0	134	122	108	122	109
Harris County MUD 36	Harris	San Jacinto	Municipal	0	117	290	362	370	397
Harris County MUD 361	Harris	San Jacinto	Municipal	0	88	111	118	129	127
Harris County MUD 372	Harris	San Jacinto	Municipal	0	0	0	0	0	0
Harris County MUD 400	Harris	San Jacinto	Municipal	0	0	0	0	0	0
Harris County MUD 412	Harris	San Jacinto	Municipal	0	0	0	0	0	0
Harris County MUD 420	Harris	San Jacinto	Municipal	0	0	0	0	0	0
Harris County MUD 46	Harris	San Jacinto	Municipal	0	0	0	0	0	0
Harris County MUD 49	Harris	San Jacinto	Municipal	0	0	0	0	0	0
Harris County MUD 494	Harris	San Jacinto	Municipal	0	59	76	81	88	86
Harris County MUD 5	Harris	San Jacinto	Municipal	0	0	0	0	0	0
Harris County MUD 50	Harris	San Jacinto	Municipal	331	321	325	318	323	318
Harris County MUD 504	Harris	San Jacinto	Municipal	0	0	0	0	0	0
Harris County MUD 55	Harris	San Jacinto-Brazos	Municipal	0	0	0	0	0	0
Harris County MUD 58	Harris	San Jacinto	Municipal	0	40	37	36	36	35
Harris County MUD 6	Harris	San Jacinto	Municipal	0	36	35	32	28	22
Harris County MUD 8	Harris	San Jacinto	Municipal	0	0	0	0	0	0
Harris County MUD 96	Harris	San Jacinto	Municipal	0	0	0	0	0	0
Harris County UD 14	Harris	San Jacinto	Municipal	0	39	40	40	40	42
Harris County UD 15	Harris	San Jacinto	Municipal	0	74	66	61	69	73
Harris County WCID 1	Harris	San Jacinto	Municipal	84	48	63	52	88	68
Harris County WCID 133	Harris	San Jacinto	Municipal	0	130	129	126	120	113
Harris County WCID 156	Harris	San Jacinto-Brazos	Municipal	0	0	0	0	0	0

Water User Group	County	Basin	Type	Second Tier Needs Remaining After Conservation and Direct Reuse (ac ft)					
				2030	2040	2050	2060	2070	2080
Harris County WCID 161	Harris	San Jacinto-Brazos	Municipal	0	0	0	0	0	0
Harris County WCID 50	Harris	San Jacinto-Brazos	Municipal	0	0	0	0	0	0
Harris County WCID 70	Harris	San Jacinto	Municipal	0	30	29	28	27	25
Harris County WCID 74	Harris	San Jacinto	Municipal	0	112	126	124	115	110
Harris County WCID 89	Harris	San Jacinto-Brazos	Municipal	0	0	0	0	0	0
Harris County WCID 96	Harris	San Jacinto	Municipal	0	0	0	0	0	0
Harris County WCID-Fondren Road	Harris	San Jacinto	Municipal	0	0	0	0	0	0
Harris-Montgomery Counties MUD 386	Montgomery	San Jacinto	Municipal	0	0	0	0	0	0
Hempstead	Waller	Brazos	Municipal	0	0	0	0	0	0
High Prairie WSC	Leon	Brazos	Municipal	8	9	12	14	16	19
High Prairie WSC	Madison	Brazos	Municipal	20	17	16	15	15	15
High Prairie WSC	Madison	Trinity	Municipal	37	8	0	0	0	0
Hillcrest Village	Brazoria	San Jacinto-Brazos	Municipal	0	0	0	0	0	0
Hilltop Lakes WSC	Leon	Brazos	Municipal	0	0	0	0	0	0
Hilshire Village	Harris	San Jacinto	Municipal	0	0	0	0	0	0
Hitchcock	Galveston	San Jacinto-Brazos	Municipal	0	0	0	0	0	0
HMW SUD	Harris	San Jacinto	Municipal	0	44	39	34	36	34
HMW SUD	Montgomery	San Jacinto	Municipal	0	149	280	369	432	468
Houston	Fort Bend	San Jacinto	Municipal	441	219	116	0	0	0
Houston	Fort Bend	San Jacinto-Brazos	Municipal	31	20	14	0	0	0
Houston	Harris	San Jacinto	Municipal	37,487	67,248	66,852	60,828	51,917	43,970
Houston	Harris	San Jacinto-Brazos	Municipal	5,975	5,589	5,528	5,230	4,803	4,426
Houston	Montgomery	San Jacinto	Municipal	260	461	641	755	835	898
Humble	Harris	San Jacinto	Municipal	0	0	0	0	0	0
Huntsville	Walker	San Jacinto	Municipal	0	0	0	0	773	2,144
Huntsville	Walker	Trinity	Municipal	0	0	0	0	148	410

Water User Group	County	Basin	Type	Second Tier Needs Remaining After Conservation and Direct Reuse (ac ft)					
				2030	2040	2050	2060	2070	2080
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	31,996	32,310	32,402	32,480	32,508	32,526
Irrigation, Chambers	Chambers	Neches-Trinity	Irrigation	0	0	0	0	0	0
Irrigation, Chambers	Chambers	Trinity	Irrigation	2,904	2,904	2,904	2,904	2,904	2,904
Irrigation, Chambers	Chambers	Trinity-San Jacinto	Irrigation	1,016	1,016	1,016	1,016	1,016	1,016
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	5,376	5,376	5,376	5,376	5,376	5,376
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	2	2	2	2	2	2
Irrigation, Liberty	Liberty	Neches	Irrigation	4,839	4,839	4,839	4,839	4,839	4,839
Irrigation, Liberty	Liberty	Neches-Trinity	Irrigation	0	0	0	0	0	0
Irrigation, Liberty	Liberty	San Jacinto	Irrigation	1,110	1,110	1,110	1,110	1,110	1,110
Irrigation, Liberty	Liberty	Trinity	Irrigation	0	0	0	0	0	0
Irrigation, Liberty	Liberty	Trinity-San Jacinto	Irrigation	0	0	0	0	0	0
Irrigation, Madison	Madison	Brazos	Irrigation	45	45	45	45	45	45
Irrigation, Madison	Madison	Trinity	Irrigation	70	70	70	70	70	70
Irrigation, Montgomery	Montgomery	San Jacinto	Irrigation	167	943	1,485	1,820	2,019	2,200

Water User Group	County	Basin	Type	Second Tier Needs Remaining After Conservation and Direct Reuse (ac ft)					
				2030	2040	2050	2060	2070	2080
Irrigation, Polk	Polk	Trinity	Irrigation	0	0	0	0	0	0
Irrigation, Polk	*Polk*	*Neches*	*Irrigation*	*0*	*0*	*0*	*0*	*0*	*0*
Irrigation, San Jacinto	San Jacinto	San Jacinto	Irrigation	0	0	0	0	0	0
Irrigation, San Jacinto	San Jacinto	Trinity	Irrigation	0	0	0	0	0	0
Irrigation, Trinity	Trinity	Trinity	Irrigation	0	0	0	0	0	0
Irrigation, Walker	Walker	San Jacinto	Irrigation	0	0	0	0	0	0
Irrigation, Walker	Walker	Trinity	Irrigation	0	0	0	0	0	0
Irrigation, Waller	Waller	Brazos	Irrigation	0	0	0	0	0	0
Irrigation, Waller	Waller	San Jacinto	Irrigation	0	0	0	0	0	0
Jacinto City	Harris	San Jacinto	Municipal	0	0	0	0	0	0
Jamaica Beach	Galveston	San Jacinto-Brazos	Municipal	0	0	0	0	0	0
Jersey Village	Harris	San Jacinto	Municipal	0	0	0	0	0	0
Jewett	Leon	Brazos	Municipal	0	0	0	0	0	0
Jewett	Leon	Trinity	Municipal	0	0	0	0	0	0
Johnston Water Utility	Montgomery	San Jacinto	Municipal	378	986	1,367	1,619	1,816	1,970
Katy	Fort Bend	San Jacinto	Municipal	801	1,127	1,308	1,301	1,427	1,529
Katy	Harris	San Jacinto	Municipal	0	0	0	0	0	0
Katy	Waller	San Jacinto	Municipal	0	0	0	0	0	0
Keenan WSC	Montgomery	San Jacinto	Municipal	0	21	52	72	86	97
Kendleton	Fort Bend	Brazos-Colorado	Municipal	0	0	0	0	0	0
Kings Manor MUD	Harris	San Jacinto	Municipal	22	44	55	62	65	68
Kings Manor MUD	Montgomery	San Jacinto	Municipal	61	126	161	184	202	215
Kirkmont MUD	Harris	San Jacinto-Brazos	Municipal	0	0	0	0	0	0
La Marque	Galveston	San Jacinto-Brazos	Municipal	0	0	0	0	0	0
La Porte	Harris	San Jacinto	Municipal	0	0	0	0	0	0
La Porte	Harris	San Jacinto-Brazos	Municipal	0	0	0	0	0	0

Water User Group	County	Basin	Type	Second Tier Needs Remaining After Conservation and Direct Reuse (ac ft)					
				2030	2040	2050	2060	2070	2080
Lake Bonanza WSC	Montgomery	San Jacinto	Municipal	0	38	81	111	134	149
Lake Conroe Hills MUD	Montgomery	San Jacinto	Municipal	0	25	47	60	68	76
Lake Jackson	Brazoria	Brazos	Municipal	1	0	0	0	0	0
Lake Jackson	Brazoria	San Jacinto-Brazos	Municipal	6	0	0	0	0	0
Lake Livingston WSC	Liberty	Trinity	Municipal	0	0	0	0	0	0
Lake Livingston WSC	Polk	Trinity	Municipal	0	0	0	0	0	0
Lake Livingston WSC	San Jacinto	Trinity	Municipal	0	0	0	0	0	0
Lake Livingston WSC	Walker	Trinity	Municipal	0	0	0	0	0	0
Lake Livingston WSC	*Hardin*	*Trinity*	*Municipal*	*0*	*0*	*0*	*0*	*0*	*0*
Lake Livingston WSC	*Polk*	*Neches*	*Municipal*	*0*	*0*	*0*	*0*	*0*	*0*
Lake MUD	Harris	San Jacinto	Municipal	0	0	0	0	0	0
Lake MUD	Harris	Trinity-San Jacinto	Municipal	0	0	0	0	0	0
Lazy River Improvement District	Montgomery	San Jacinto	Municipal	1	40	71	95	111	127
League City	Galveston	San Jacinto-Brazos	Municipal	0	0	0	0	0	0
League City	Harris	San Jacinto-Brazos	Municipal	0	0	0	0	0	0
Leggett WSC	Polk	Trinity	Municipal	0	0	0	0	0	0
Leggett WSC	*Polk*	*Neches*	*Municipal*	*0*	*0*	*0*	*0*	*0*	*0*
Liberty	Liberty	Trinity	Municipal	0	0	0	0	0	0
Liberty County FWSD 1 Hull	Liberty	Neches	Municipal	0	0	0	0	0	0
Livestock, Austin	Austin	Brazos	Livestock	0	0	0	0	0	0
Livestock, Austin	Austin	Brazos-Colorado	Livestock	0	0	0	0	0	0
Livestock, Austin	Austin	Colorado	Livestock	0	0	0	0	0	0
Livestock, Brazoria	Brazoria	Brazos	Livestock	135	140	145	149	152	152
Livestock, Brazoria	Brazoria	Brazos-Colorado	Livestock	21	33	47	55	63	62
Livestock, Brazoria	Brazoria	San Jacinto-Brazos	Livestock	69	105	115	124	127	129
Livestock, Chambers	Chambers	Neches-Trinity	Livestock	0	0	0	0	0	0

Water User Group	County	Basin	Type	Second Tier Needs Remaining After Conservation and Direct Reuse (ac ft)					
				2030	2040	2050	2060	2070	2080
Livestock, Chambers	Chambers	Trinity	Livestock	0	0	0	0	0	0
Livestock, Chambers	Chambers	Trinity-San Jacinto	Livestock	0	0	0	0	0	0
Livestock, Fort Bend	Fort Bend	Brazos	Livestock	0	0	0	0	0	0
Livestock, Fort Bend	Fort Bend	Brazos-Colorado	Livestock	0	0	0	0	0	0
Livestock, Fort Bend	Fort Bend	San Jacinto	Livestock	0	0	0	0	0	0
Livestock, Fort Bend	Fort Bend	San Jacinto-Brazos	Livestock	0	0	0	0	0	0
Livestock, Galveston	Galveston	Neches-Trinity	Livestock	12	12	12	12	12	12
Livestock, Galveston	Galveston	San Jacinto-Brazos	Livestock	184	184	184	184	184	184
Livestock, Harris	Harris	San Jacinto	Livestock	499	665	665	665	665	665
Livestock, Harris	Harris	San Jacinto-Brazos	Livestock	51	51	51	51	51	51
Livestock, Harris	Harris	Trinity-San Jacinto	Livestock	133	133	133	133	133	133
Livestock, Leon	Leon	Brazos	Livestock	2	2	2	2	2	2
Livestock, Leon	Leon	Trinity	Livestock	74	74	74	74	74	74
Livestock, Liberty	Liberty	Neches	Livestock	0	0	0	0	0	0
Livestock, Liberty	Liberty	Neches-Trinity	Livestock	116	116	116	116	116	116
Livestock, Liberty	Liberty	San Jacinto	Livestock	32	32	32	32	32	32
Livestock, Liberty	Liberty	Trinity	Livestock	319	319	319	319	319	319
Livestock, Liberty	Liberty	Trinity-San Jacinto	Livestock	56	56	56	56	56	56
Livestock, Madison	Madison	Brazos	Livestock	111	111	111	111	111	111
Livestock, Madison	Madison	Trinity	Livestock	860	860	860	860	860	860
Livestock, Montgomery	Montgomery	San Jacinto	Livestock	17	96	151	185	205	223
Livestock, Polk	Polk	Trinity	Livestock	0	0	0	0	0	0
Livestock, Polk	*Polk*	*Neches*	*Livestock*	0	0	0	0	0	0
Livestock, San Jacinto	San Jacinto	San Jacinto	Livestock	0	0	0	0	0	0
Livestock, San Jacinto	San Jacinto	Trinity	Livestock	0	0	0	0	0	0
Livestock, Trinity	Trinity	Trinity	Livestock	0	0	0	0	0	0

Water User Group	County	Basin	Type	Second Tier Needs Remaining After Conservation and Direct Reuse (ac ft)					
				2030	2040	2050	2060	2070	2080
Livestock, Walker	Walker	San Jacinto	Livestock	0	0	0	0	0	0
Livestock, Walker	Walker	Trinity	Livestock	0	0	0	0	0	0
Livestock, Waller	Waller	Brazos	Livestock	0	0	0	0	0	0
Livestock, Waller	Waller	San Jacinto	Livestock	0	0	0	0	0	0
Livingston	Polk	Trinity	Municipal	0	0	0	0	0	0
Longhorn Town UD	Harris	San Jacinto	Municipal	0	69	68	65	66	74
Luce Bayou PUD	Harris	San Jacinto	Municipal	0	65	63	62	59	58
Madisonville	Madison	Trinity	Municipal	131	0	0	0	0	0
Magnolia	Montgomery	San Jacinto	Municipal	4	193	393	484	544	602
Manufacturing, Austin	Austin	Brazos	Manufacturing	0	0	0	0	0	0
Manufacturing, Brazoria	Brazoria	Brazos	Manufacturing	0	3,597	9,817	16,135	23,054	31,302
Manufacturing, Brazoria	Brazoria	Brazos-Colorado	Manufacturing	22,866	23,927	25,017	26,102	27,209	28,293
Manufacturing, Brazoria	Brazoria	San Jacinto-Brazos	Manufacturing	0	0	0	0	0	0
Manufacturing, Chambers	Chambers	Neches-Trinity	Manufacturing	0	0	0	0	0	0
Manufacturing, Chambers	Chambers	Trinity	Manufacturing	5,334	5,645	5,963	6,288	6,621	6,962
Manufacturing, Chambers	Chambers	Trinity-San Jacinto	Manufacturing	0	0	0	0	0	0
Manufacturing, Fort Bend	Fort Bend	Brazos	Manufacturing	317	332	348	363	379	395
Manufacturing, Fort Bend	Fort Bend	San Jacinto	Manufacturing	1,172	1,196	1,220	1,243	1,269	1,293
Manufacturing, Fort Bend	Fort Bend	San Jacinto-Brazos	Manufacturing	0	0	0	0	0	0
Manufacturing, Galveston	Galveston	San Jacinto-Brazos	Manufacturing	0	0	0	0	0	0
Manufacturing, Harris	Harris	San Jacinto	Manufacturing	0	0	0	0	0	0
Manufacturing, Harris	Harris	San Jacinto-Brazos	Manufacturing	0	0	0	629	1,720	2,838
Manufacturing, Harris	Harris	Trinity-San Jacinto	Manufacturing	44,034	48,869	54,081	56,421	58,791	61,219
Manufacturing, Leon	Leon	Trinity	Manufacturing	0	21	47	73	101	128
Manufacturing, Liberty	Liberty	Neches	Manufacturing	0	0	0	0	0	0
Manufacturing, Liberty	Liberty	Trinity	Manufacturing	0	0	0	0	0	0

Water User Group	County	Basin	Type	Second Tier Needs Remaining After Conservation and Direct Reuse (ac ft)					
				2030	2040	2050	2060	2070	2080
Manufacturing, Montgomery	Montgomery	San Jacinto	Manufacturing	914	1,168	1,364	1,508	1,620	1,729
Manufacturing, Polk	Polk	Trinity	Manufacturing	0	0	0	0	0	0
Manufacturing, San Jacinto	San Jacinto	San Jacinto	Manufacturing	0	0	0	0	0	0
Manufacturing, Walker	Walker	San Jacinto	Manufacturing	0	0	0	0	0	0
Manufacturing, Walker	Walker	Trinity	Manufacturing	0	0	0	0	0	0
Manufacturing, Waller	Waller	Brazos	Manufacturing	0	0	0	0	0	0
Manufacturing, Waller	Waller	San Jacinto	Manufacturing	0	0	0	0	0	0
Manvel	Brazoria	San Jacinto-Brazos	Municipal	31	453	854	965	1,117	1,223
Mason Creek UD	Harris	San Jacinto	Municipal	0	235	232	228	247	263
Meadowcreek MUD	Fort Bend	San Jacinto-Brazos	Municipal	0	0	0	0	0	0
Meadows Place	Fort Bend	San Jacinto	Municipal	0	0	0	0	12	24
Meadows Place	Harris	San Jacinto	Municipal	0	0	0	0	0	0
Memorial Point UD	Polk	Trinity	Municipal	0	0	0	0	0	0
Memorial Villages Water Authority	Harris	San Jacinto	Municipal	2,450	2,445	2,815	2,958	2,868	2,843
Mercy WSC	Liberty	San Jacinto	Municipal	0	0	0	0	0	0
Mercy WSC	San Jacinto	San Jacinto	Municipal	0	0	0	0	0	0
Mining, Austin	Austin	Brazos	Mining	38	46	56	67	78	91
Mining, Brazoria	Brazoria	San Jacinto-Brazos	Mining	332	396	459	526	598	675
Mining, Chambers	Chambers	Trinity-San Jacinto	Mining	0	0	0	0	0	0
Mining, Fort Bend	Fort Bend	Brazos	Mining	0	0	0	0	0	0
Mining, Harris	Harris	San Jacinto	Mining	2,701	2,729	2,755	2,781	2,807	2,833
Mining, Harris	Harris	San Jacinto-Brazos	Mining	8	8	8	8	8	8
Mining, Leon	Leon	Trinity	Mining	0	0	0	0	0	0
Mining, Liberty	Liberty	San Jacinto	Mining	0	2	3	5	6	7
Mining, Liberty	Liberty	Trinity	Mining	79	95	112	128	143	158
Mining, Madison	Madison	Brazos	Mining	443	443	443	443	443	443

Water User Group	County	Basin	Type	Second Tier Needs Remaining After Conservation and Direct Reuse (ac ft)					
				2030	2040	2050	2060	2070	2080
Mining, Madison	Madison	Trinity	Mining	267	267	267	267	267	267
Mining, Montgomery	Montgomery	San Jacinto	Mining	1	7	12	18	22	28
Mining, Polk	Polk	Trinity	Mining	26	27	28	29	30	30
Mining, Polk	*Polk*	*Neches*	*Mining*	*0*	*0*	*0*	*0*	*0*	*0*
Mining, San Jacinto	San Jacinto	San Jacinto	Mining	0	0	0	0	0	0
Mining, San Jacinto	San Jacinto	Trinity	Mining	25	25	25	25	25	25
Mining, Trinity	Trinity	Trinity	Mining	0	0	0	0	0	0
Mining, Walker	Walker	Trinity	Mining	0	0	0	0	0	0
Mining, Waller	Waller	Brazos	Mining	0	0	0	0	0	0
Missouri City	Fort Bend	San Jacinto-Brazos	Municipal	0	0	0	0	0	0
Mont Belvieu	Chambers	Trinity	Municipal	639	1,290	1,351	2,097	2,898	3,784
Mont Belvieu	Chambers	Trinity-San Jacinto	Municipal	182	366	384	596	824	1,076
Montgomery	Montgomery	San Jacinto	Municipal	0	61	120	157	193	219
Montgomery County MUD 105	Montgomery	San Jacinto	Municipal	1	33	60	79	92	104
Montgomery County MUD 112	Montgomery	San Jacinto	Municipal	5	142	256	320	368	510
Montgomery County MUD 115	Montgomery	San Jacinto	Municipal	107	194	255	308	336	378
Montgomery County MUD 119	Montgomery	San Jacinto	Municipal	6	221	383	499	587	661
Montgomery County MUD 126	Montgomery	San Jacinto	Municipal	0	0	0	0	0	0
Montgomery County MUD 127	Montgomery	San Jacinto	Municipal	46	79	98	115	124	139
Montgomery County MUD 137	Montgomery	San Jacinto	Municipal	0	59	111	140	157	166
Montgomery County MUD 139	Montgomery	San Jacinto	Municipal	2	92	161	206	239	264
Montgomery County MUD 15	Montgomery	San Jacinto	Municipal	173	245	293	317	337	351
Montgomery County MUD 18	Montgomery	San Jacinto	Municipal	0	50	135	205	268	330
Montgomery County MUD 19	Montgomery	San Jacinto	Municipal	9	121	203	254	285	314
Montgomery County MUD 24	Montgomery	San Jacinto	Municipal	2	0	0	0	0	0
Montgomery County MUD 56	Montgomery	San Jacinto	Municipal	1	15	29	36	41	46

Water User Group	County	Basin	Type	Second Tier Needs Remaining After Conservation and Direct Reuse (ac ft)					
				2030	2040	2050	2060	2070	2080
Montgomery County MUD 8	Montgomery	San Jacinto	Municipal	0	20	73	105	131	161
Montgomery County MUD 83	Montgomery	San Jacinto	Municipal	0	51	93	118	135	147
Montgomery County MUD 84	Montgomery	San Jacinto	Municipal	0	0	0	0	0	0
Montgomery County MUD 88	Montgomery	San Jacinto	Municipal	4	99	171	215	249	281
Montgomery County MUD 89	Montgomery	San Jacinto	Municipal	5	146	257	331	386	437
Montgomery County MUD 9	Montgomery	San Jacinto	Municipal	295	525	723	858	965	1,079
Montgomery County MUD 94	Montgomery	San Jacinto	Municipal	2	127	227	292	338	381
Montgomery County MUD 95	Montgomery	San Jacinto	Municipal	0	0	0	0	0	0
Montgomery County MUD 98	Montgomery	San Jacinto	Municipal	0	0	1	7	14	18
Montgomery County MUD 99	Montgomery	San Jacinto	Municipal	0	0	0	0	0	0
Montgomery County UD 2	Montgomery	San Jacinto	Municipal	6	124	179	217	246	271
Montgomery County UD 3	Montgomery	San Jacinto	Municipal	0	0	0	27	57	82
Montgomery County UD 4	Montgomery	San Jacinto	Municipal	0	0	32	118	177	231
Montgomery County WCID 1	Montgomery	San Jacinto	Municipal	0	69	125	155	178	193
Morgans Point	Harris	San Jacinto	Municipal	0	0	0	0	0	0
Morgans Point	Harris	San Jacinto-Brazos	Municipal	0	0	0	0	0	0
Moscow WSC	Polk	Trinity	Municipal	0	0	0	0	0	0
Mount Houston Road MUD	Harris	San Jacinto	Municipal	0	129	128	124	116	108
MSEC Enterprises	*Grimes*	*San Jacinto*	*Municipal*	*0*	*0*	*0*	*0*	*0*	*0*
MSEC Enterprises	Montgomery	San Jacinto	Municipal	28	705	1,483	2,068	2,413	2,850
Nassau Bay	Harris	San Jacinto-Brazos	Municipal	0	0	0	0	0	0
Needville	Fort Bend	Brazos	Municipal	0	0	0	0	0	0
Needville	Fort Bend	Brazos-Colorado	Municipal	0	0	0	0	0	0
New Caney MUD	Montgomery	San Jacinto	Municipal	0	247	512	700	855	931
New Waverly	Walker	San Jacinto	Municipal	0	0	0	0	0	0
Newport MUD	Harris	San Jacinto	Municipal	0	0	0	0	0	0

Water User Group	County	Basin	Type	Second Tier Needs Remaining After Conservation and Direct Reuse (ac ft)					
				2030	2040	2050	2060	2070	2080
Nitsch and Son Utility	Harris	San Jacinto	Municipal	0	33	32	30	29	27
Normangee	Leon	Brazos	Municipal	0	0	0	0	0	0
Normangee	Leon	Trinity	Municipal	0	0	0	0	0	0
Normangee	Madison	Trinity	Municipal	0	0	0	0	0	0
North Belt UD	Harris	San Jacinto	Municipal	0	129	221	260	264	273
North Channel Water Authority	Harris	San Jacinto	Municipal	1,955	1,229	845	437	153	0
North Forest MUD	Harris	San Jacinto	Municipal	0	30	31	30	29	32
North Fort Bend Water Authority	Fort Bend	Brazos	Municipal	3,122	2,873	2,857	2,709	2,557	2,267
North Fort Bend Water Authority	Fort Bend	San Jacinto	Municipal	6,444	12,297	13,955	14,944	16,131	16,960
North Fort Bend Water Authority	Fort Bend	San Jacinto-Brazos	Municipal	3,004	0	0	0	0	0
North Fort Bend Water Authority	Harris	San Jacinto	Municipal	1,094	1,456	1,428	1,388	1,427	1,454
North Fort Bend Water Authority	Waller	San Jacinto	Municipal	15	23	61	66	69	68
North Green MUD	Harris	San Jacinto	Municipal	0	54	67	71	79	81
North Harris County Regional Water Authority	Harris	San Jacinto	Municipal	44,569	69,207	70,935	70,426	73,206	73,194
North Harris County Regional Water Authority	Montgomery	San Jacinto	Municipal	0	1	2	2	3	4
North Zulch MUD	Madison	Brazos	Municipal	20	3	0	0	0	0
North Zulch MUD	Madison	Trinity	Municipal	30	0	0	0	0	0
Northeast Harris County MUD 1	Harris	San Jacinto	Municipal	97	87	81	75	71	68
Northwest Harris County MUD 16	Harris	San Jacinto	Municipal	0	80	79	81	94	101
Oak Hollow Utility	Waller	San Jacinto	Municipal	0	0	0	0	0	0
Oak Ridge North	Montgomery	San Jacinto	Municipal	0	25	56	87	90	92
Onalaska WSC	Polk	Trinity	Municipal	0	0	0	0	0	0
One Five O WSC	San Jacinto	San Jacinto	Municipal	0	0	0	0	0	0
One Five O WSC	Walker	San Jacinto	Municipal	0	0	0	0	0	0
Oyster Creek	Brazoria	San Jacinto-Brazos	Municipal	0	0	0	0	0	0

Water User Group	County	Basin	Type	Second Tier Needs Remaining After Conservation and Direct Reuse (ac ft)					
				2030	2040	2050	2060	2070	2080
P B & S C WSC	San Jacinto	San Jacinto	Municipal	0	0	0	0	0	0
P B & S C WSC	San Jacinto	Trinity	Municipal	0	0	0	0	0	0
Palmer Plantation MUD 1	Fort Bend	San Jacinto-Brazos	Municipal	0	0	0	0	0	0
Palmer Plantation MUD 2	Fort Bend	San Jacinto-Brazos	Municipal	0	0	0	0	0	0
Panorama Village	Montgomery	San Jacinto	Municipal	0	0	12	28	41	52
Parkway MUD	Harris	San Jacinto	Municipal	0	0	0	0	0	0
Pasadena	Harris	San Jacinto	Municipal	5,014	4,529	4,473	4,330	4,313	4,097
Pasadena	Harris	San Jacinto-Brazos	Municipal	0	0	0	0	0	0
Pattison WSC	Waller	Brazos	Municipal	0	0	0	0	0	0
Patton Village	Montgomery	San Jacinto	Municipal	0	7	19	31	35	36
Pearland	Brazoria	San Jacinto-Brazos	Municipal	0	0	0	0	0	0
Pearland	Fort Bend	San Jacinto-Brazos	Municipal	109	182	196	198	208	203
Pearland	Harris	San Jacinto-Brazos	Municipal	0	0	0	0	0	0
Pecan Grove MUD 1	Fort Bend	Brazos	Municipal	0	0	0	0	0	0
Pecan Grove MUD 1	Fort Bend	San Jacinto-Brazos	Municipal	0	0	0	0	0	0
Pennington WSC	Trinity	Trinity	Municipal	0	0	0	0	0	0
Phelps SUD	Walker	San Jacinto	Municipal	0	0	0	0	0	0
Phelps SUD	Walker	Trinity	Municipal	0	0	0	0	0	0
Pine Village PUD	Harris	San Jacinto	Municipal	0	0	0	0	0	0
Pinehurst Decker Prairie WSC	Montgomery	San Jacinto	Municipal	0	19	40	58	66	72
Pinewood Community	Harris	San Jacinto	Municipal	0	14	14	15	18	16
Plantation MUD	Fort Bend	Brazos	Municipal	0	0	0	0	0	0
Point Aquarius MUD	Montgomery	San Jacinto	Municipal	0	0	29	60	80	99
Porter SUD	Montgomery	San Jacinto	Municipal	315	1,182	1,891	2,373	2,734	3,062
Prairie View	Waller	Brazos	Municipal	0	0	0	0	0	0
Prairie View	Waller	San Jacinto	Municipal	0	0	0	0	0	0

Water User Group	County	Basin	Type	Second Tier Needs Remaining After Conservation and Direct Reuse (ac ft)					
				2030	2040	2050	2060	2070	2080
Prairie View A&M University	Waller	Brazos	Municipal	0	0	0	0	0	0
Prairie View A&M University	Waller	San Jacinto	Municipal	0	0	0	0	0	0
Providence WSC	Polk	Trinity	Municipal	0	0	0	0	0	0
Quadvest	Brazoria	San Jacinto-Brazos	Municipal	0	0	0	0	0	0
Quadvest	Fort Bend	Brazos	Municipal	0	144	331	485	596	648
Quadvest	Harris	San Jacinto	Municipal	0	4	9	9	8	8
Quadvest	Liberty	San Jacinto	Municipal	0	98	327	427	563	703
Quadvest	Montgomery	San Jacinto	Municipal	2	902	1,832	2,441	2,809	3,189
Quadvest	Walker	San Jacinto	Municipal	0	0	0	0	0	0
Quadvest	Waller	Brazos	Municipal	0	0	0	0	0	0
Quadvest	Waller	San Jacinto	Municipal	0	0	0	0	0	0
Quadvest	*Matagorda*	*Colorado-Lavaca*	*Municipal*	*0*	*0*	*0*	*0*	*0*	*0*
Quadvest	*Jackson*	*Colorado-Lavaca*	*Municipal*	*0*	*0*	*0*	*0*	*0*	*0*
Quail Valley UD	Fort Bend	San Jacinto-Brazos	Municipal	0	0	0	0	0	0
Ranch Crest Water	Montgomery	San Jacinto	Municipal	1	34	60	75	85	95
Rayford Road MUD	Montgomery	San Jacinto	Municipal	0	154	294	382	453	515
Raywood WSC	Liberty	Trinity	Municipal	0	0	0	0	0	0
Richmond	Fort Bend	Brazos	Municipal	1,190	1,252	1,429	1,591	1,789	1,989
Richwood	Brazoria	San Jacinto-Brazos	Municipal	6	3	4	0	0	0
River Plantation MUD	Montgomery	San Jacinto	Municipal	0	45	135	256	281	307
Riverside SUD	San Jacinto	Trinity	Municipal	0	0	0	0	0	0
Riverside SUD	Walker	Trinity	Municipal	0	0	0	0	0	0
Rolling Fork PUD	Harris	San Jacinto	Municipal	25	109	117	120	116	114
Roman Forest Consolidated MUD	Montgomery	San Jacinto	Municipal	0	36	79	125	151	159
Rosenberg	Fort Bend	Brazos	Municipal	1,249	1,671	2,105	2,277	2,357	2,293
Royal Valley Utilities	Fort Bend	Brazos	Municipal	0	27	50	129	143	172

Water User Group	County	Basin	Type	Second Tier Needs Remaining After Conservation and Direct Reuse (ac ft)					
				2030	2040	2050	2060	2070	2080
Sagemeadow UD	Harris	San Jacinto-Brazos	Municipal	0	0	0	0	0	0
San Jacinto SUD	San Jacinto	San Jacinto	Municipal	0	0	0	0	0	0
San Jacinto SUD	San Jacinto	Trinity	Municipal	0	0	0	0	0	0
San Leon MUD	Galveston	San Jacinto-Brazos	Municipal	0	0	0	0	0	0
Seabrook	Harris	San Jacinto-Brazos	Municipal	0	0	0	0	0	0
Sealy	Austin	Brazos	Municipal	0	0	0	0	0	0
Sealy	Austin	Brazos-Colorado	Municipal	0	0	0	0	0	0
Sedona Lakes MUD 1	Brazoria	San Jacinto-Brazos	Municipal	12	20	25	27	27	26
Sequoia Improvement District	Harris	San Jacinto	Municipal	0	16	13	10	7	4
Shenandoah	Montgomery	San Jacinto	Municipal	9	382	661	878	1,016	1,133
Shepherd	San Jacinto	Trinity	Municipal	0	0	0	0	0	0
Shoreacres	Harris	San Jacinto-Brazos	Municipal	0	0	0	0	0	0
Sienna Plantation	Fort Bend	Brazos	Municipal	0	0	0	0	0	0
Sienna Plantation	Fort Bend	San Jacinto-Brazos	Municipal	0	0	0	0	0	0
Soda WSC	Polk	Trinity	Municipal	0	0	0	0	0	0
Soda WSC	*Polk*	*Neches*	*Municipal*	*0*	*0*	*0*	*0*	*0*	*0*
South Cleveland WSC	Liberty	San Jacinto	Municipal	0	0	0	32	320	601
South Houston	Harris	San Jacinto	Municipal	0	0	0	0	0	0
Southeast WSC	Leon	Brazos	Municipal	0	0	0	0	0	0
Southeast WSC	Leon	Trinity	Municipal	0	0	0	0	0	0
Southern Montgomery County MUD	Montgomery	San Jacinto	Municipal	0	52	89	109	142	155
Southern Water	Harris	San Jacinto	Municipal	0	66	82	89	78	72
Southside Place	Harris	San Jacinto	Municipal	0	0	0	0	0	0
Southwest Harris County MUD 1	Harris	San Jacinto	Municipal	0	0	0	0	0	0
Splendora	Liberty	San Jacinto	Municipal	19	60	105	152	184	200

Water User Group	County	Basin	Type	Second Tier Needs Remaining After Conservation and Direct Reuse (ac ft)					
				2030	2040	2050	2060	2070	2080
Splendora	Montgomery	San Jacinto	Municipal	112	354	690	1,049	1,307	1,240
Spring Creek UD	Montgomery	San Jacinto	Municipal	0	150	287	370	424	458
Spring Meadows MUD	Harris	San Jacinto	Municipal	0	0	0	0	0	0
Spring Meadows MUD	Harris	Trinity-San Jacinto	Municipal	0	0	0	0	0	0
Spring Valley	Harris	San Jacinto	Municipal	0	0	0	0	0	0
Stanley Lake MUD	Montgomery	San Jacinto	Municipal	0	27	65	96	119	143
Steam-Electric Power, Austin	Austin	Brazos	Steam Electric Power	888	888	888	888	888	888
Steam-Electric Power, Chambers	Chambers	Trinity-San Jacinto	Steam Electric Power	0	0	0	0	0	0
Steam-Electric Power, Fort Bend	Fort Bend	Brazos	Steam Electric Power	0	0	0	0	0	0
Steam-Electric Power, Galveston	Galveston	San Jacinto-Brazos	Steam Electric Power	0	0	0	0	0	0
Steam-Electric Power, Harris	Harris	San Jacinto	Steam Electric Power	14,695	14,695	14,695	14,695	14,695	14,695
Steam-Electric Power, Harris	Harris	San Jacinto-Brazos	Steam Electric Power	140	140	140	140	140	140
Steam-Electric Power, Montgomery	Montgomery	San Jacinto	Steam Electric Power	315	501	631	711	758	801
Suburban Utility	Harris	San Jacinto	Municipal	0	0	105	115	105	89
Sugar Land	Fort Bend	Brazos	Municipal	1,435	1,402	1,523	1,586	1,792	1,895
Sugar Land	Fort Bend	San Jacinto	Municipal	165	160	172	184	207	218
Sugar Land	Fort Bend	San Jacinto-Brazos	Municipal	100	0	0	0	0	0
Sunbelt FWSD	Harris	San Jacinto	Municipal	0	0	0	0	0	0
Surfside Beach	Brazoria	San Jacinto-Brazos	Municipal	0	0	0	0	0	0
Sweeny	Brazoria	Brazos-Colorado	Municipal	0	0	0	0	0	0
T & W Water Service	Liberty	San Jacinto	Municipal	0	0	0	0	0	0
T & W Water Service	Liberty	Trinity	Municipal	0	0	0	0	0	0
T & W Water Service	Montgomery	San Jacinto	Municipal	0	223	447	600	698	729
Tarkington SUD	Liberty	San Jacinto	Municipal	0	0	0	0	0	0
Tarkington SUD	Liberty	Trinity	Municipal	0	0	0	0	0	0

Water User Group	County	Basin	Type	Second Tier Needs Remaining After Conservation and Direct Reuse (ac ft)					
				2030	2040	2050	2060	2070	2080
TDCJ Darrington Unit	Brazoria	San Jacinto-Brazos	Municipal	41	68	75	80	82	80
TDCJ Ferguson Unit	Madison	Trinity	Municipal	168	29	0	0	0	0
TDCJ Jester Units	Fort Bend	Brazos	Municipal	0	0	0	0	0	0
TDCJ Jester Units	Fort Bend	San Jacinto-Brazos	Municipal	0	0	0	0	0	0
TDCJ Ramsey Area	Brazoria	San Jacinto-Brazos	Municipal	62	113	128	139	140	135
Tempe WSC 1	Polk	Trinity	Municipal	0	0	0	0	0	0
Texas City	Galveston	San Jacinto-Brazos	Municipal	0	0	0	0	0	0
The Commons Water Supply	Harris	San Jacinto	Municipal	0	69	59	51	44	37
The Woodlands	Montgomery	San Jacinto	Municipal	23	1,145	2,422	3,095	4,197	5,649
Thunderbird UD	Fort Bend	Brazos	Municipal	0	10	9	11	15	15
Thunderbird UD	Fort Bend	San Jacinto-Brazos	Municipal	0	0	0	0	0	9
Tomball	Harris	San Jacinto	Municipal	0	731	1,098	1,214	1,508	1,577
Trail of the Lakes MUD	Harris	San Jacinto	Municipal	0	0	0	0	0	0
Trinity	Trinity	Trinity	Municipal	0	0	0	0	0	0
Trinity Bay Conservation District	Chambers	Neches-Trinity	Municipal	0	0	0	0	0	0
Trinity Bay Conservation District	Chambers	Trinity	Municipal	0	0	0	0	0	0
Trinity Bay Conservation District	*Jefferson*	*Neches-Trinity*	*Municipal*	*0*	*0*	*0*	*0*	*0*	*0*
Trinity Rural WSC	Trinity	Trinity	Municipal	0	0	0	0	0	0
Trinity Rural WSC	Walker	Trinity	Municipal	0	0	0	0	0	0
Valley Ranch MUD 1	Montgomery	San Jacinto	Municipal	27	0	0	0	0	0
Varner Creek UD	Brazoria	Brazos	Municipal	0	0	0	0	0	0
Walker County SUD	Walker	San Jacinto	Municipal	22	15	5	0	0	0
Walker County SUD	Walker	Trinity	Municipal	0	0	0	0	0	0
Waller	Harris	San Jacinto	Municipal	102	171	169	168	168	167
Waller	Waller	San Jacinto	Municipal	0	0	0	0	0	0

Water User Group	County	Basin	Type	Second Tier Needs Remaining After Conservation and Direct Reuse (ac ft)					
				2030	2040	2050	2060	2070	2080
Wallis	Austin	Brazos-Colorado	Municipal	0	0	0	0	0	0
Waterwood MUD 1	San Jacinto	Trinity	Municipal	0	0	0	0	0	0
Webster	Harris	San Jacinto-Brazos	Municipal	0	0	0	0	0	0
West Columbia	Brazoria	Brazos	Municipal	0	0	0	0	0	0
West Columbia	Brazoria	Brazos-Colorado	Municipal	0	0	0	0	0	0
West End WSC	*Washington*	*Brazos*	*Municipal*	*0*	*0*	*0*	*0*	*0*	*0*
West End WSC	Austin	Brazos	Municipal	0	0	0	0	0	0
West End WSC	Austin	Colorado	Municipal	0	0	0	0	0	0
West End WSC	*Fayette*	*Colorado*	*Municipal*	*0*	*0*	*0*	*0*	*0*	*0*
West Hardin WSC	Liberty	Neches	Municipal	0	0	0	0	0	0
West Harris County MUD 6	Harris	San Jacinto	Municipal	0	67	65	63	64	65
West Harris County Regional Water Authority	Fort Bend	San Jacinto	Municipal	1,319	1,274	1,288	1,300	1,314	1,310
West Harris County Regional Water Authority	Harris	San Jacinto	Municipal	14,204	29,620	29,526	28,954	30,117	30,325
West University Place	Harris	San Jacinto	Municipal	730	649	631	605	583	552
Westfield Garden Park	Harris	San Jacinto	Municipal	50	66	66	66	65	65
Westwood North WSC	Montgomery	San Jacinto	Municipal	3	95	185	234	263	339
Westwood Shores MUD	Trinity	Trinity	Municipal	0	0	0	0	0	0
White Oak WSC	Montgomery	San Jacinto	Municipal	0	27	51	74	87	102
Willis	Montgomery	San Jacinto	Municipal	0	0	0	0	0	0
Willow Creek Farms MUD	Fort Bend	San Jacinto	Municipal	0	0	0	0	0	0
Willow Creek Farms MUD	Waller	San Jacinto	Municipal	0	0	0	0	0	0
Windfern Forest Utility District	Harris	San Jacinto	Municipal	471	626	636	638	628	623
Wood Branch Village	Montgomery	San Jacinto	Municipal	0	33	74	123	140	153
Wood Trace MUD 1	Montgomery	San Jacinto	Municipal	0	20	48	69	78	89

Water User Group	County	Basin	Type	Second Tier Needs Remaining After Conservation and Direct Reuse (ac ft)					
				2030	2040	2050	2060	2070	2080
Woodcreek MUD	Harris	San Jacinto	Municipal	0	79	78	76	75	73
Woodcreek Water of Liberty	Liberty	Trinity	Municipal	0	0	0	0	0	0
Woodland Oaks Utility	Montgomery	San Jacinto	Municipal	0	55	107	141	164	182
Woodridge MUD	Montgomery	San Jacinto	Municipal	13	0	0	0	0	0

1. *Positive values shown in this table represent second-tier needs. Values of 0 indicate either no need or a surplus after allocation of conservation and direct reuse.*
2. *Entries in italics represent portions of split WUGs located outside of Region H.*

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

Water User Group Category	Second Tier Needs Remaining After Conservation and Direct Reuse (ac ft)					
	2030	2040	2050	2060	2070	2080
Municipal (Named WUG)	145,557	235,505	251,158	254,055	260,492	262,500
Municipal (County-Other)	13,316	28,951	41,602	51,404	59,414	65,445
Manufacturing	74,637	84,755	97,857	108,762	120,764	134,159
Mining	3,920	4,045	4,168	4,297	4,427	4,565
Steam Electric Power	16,038	16,224	16,354	16,434	16,481	16,524
Livestock	2,691	2,989	3,073	3,128	3,162	3,181
Irrigation	47,525	48,615	49,249	49,662	49,889	50,088

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

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Table 5-A7 – MWP Second-Tier Identified Water Need*

Major Water Provider	Second Tier Needs Remaining After Conservation and Direct Reuse (ac ft)					
	2030	2040	2050	2060	2070	2080
Brazos River Authority	0	24,214	26,191	28,775	31,536	34,032
Brazosport Water Authority	3,553	4,254	4,955	5,199	5,470	5,519
Chambers-Liberty Counties Navigation District	0	0	0	0	0	0
Dow Inc	0	5,887	13,122	20,059	27,175	35,183
Gulf Coast Water Authority	7,051	7,816	8,587	9,642	10,307	11,225
Houston	176,767	317,560	343,729	354,018	362,378	360,968
Huntsville	0	0	0	0	1,329	2,569
Lower Neches Valley Authority	0	0	0	0	0	0
Missouri City	12	97	211	336	480	633
North Fort Bend Water Authority	18,069	24,843	29,137	31,742	35,059	36,781
North Harris County Regional Water Authority	48,689	77,454	80,340	80,676	83,567	83,973
NRG	37,701	14,835	14,835	14,835	14,835	14,835
San Jacinto River Authority	53,617	83,940	109,768	129,586	140,233	151,993
Trinity River Authority	0	0	0	0	0	0
West Harris County Regional Water Authority	18,043	36,560	37,406	37,264	38,766	39,531

**Positive values shown in this table represent second-tier needs. Values of 0 indicate either no need or a surplus after allocation of conservation and direct reuse. Values are based on projected needs and may not be indicative of any MWP-to-WUG contract in excess of existing supply. Values represent projected MWP need within Region H only and do not include MWP needs for other regions.*

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Table 5-A8 – Water Management Strategy Supply Allocations

Water User Group	Water Management Strategy	Seller	Supply Source	Allocated Supply Volume (ac ft)					
				2030	2040	2050	2060	2070	2080
Alvin	Municipal Conservation	N/A	Municipal Conservation	104	203	239	279	300	355
	Municipal Drought Mgmt.	N/A	Municipal Drought Mgmt.	30	29	33	33	32	31
	Water Loss Reduction	N/A	Water Loss Reduction	19	56	80	80	80	80
Ames Minglewood WSC	Municipal Conservation	N/A	Municipal Conservation	5	8	8	10	11	13
	Water Loss Reduction	N/A	Water Loss Reduction	1	3	5	7	8	9
Anahuac	Municipal Conservation	N/A	Municipal Conservation	8	12	13	15	17	20
	Water Loss Reduction	N/A	Water Loss Reduction	4	12	18	24	31	37
Angleton	BWSC Reservoir and Pump Station Expansion	Brazosport Water Authority	Harris Reservoir	3,955	3,318	2,540	2,271	1,967	1,867
	Municipal Conservation	N/A	Municipal Conservation	70	146	165	187	197	231
	Water Loss Reduction	N/A	Water Loss Reduction	32	91	142	186	222	250
Austin County WSC	Municipal Conservation	N/A	Municipal Conservation	11	18	21	25	27	31
	Water Loss Reduction	N/A	Water Loss Reduction	4	14	25	34	42	51
Bacliff MUD	GCWA Coastal Desalination	Gulf Coast Water Authority	Gulf of Mexico	0	246	256	269	281	295
	Municipal Conservation	N/A	Municipal Conservation	27	48	54	62	68	82
Baker Road MUD	City of Houston GRP	Houston	Gulf Coast Aquifer System, Harris	0	46	45	44	59	65
	Municipal Conservation	N/A	Municipal Conservation	7	9	10	10	11	13
Baybrook MUD 1	Municipal Conservation	N/A	Municipal Conservation	7	11	13	14	12	13
Baytown	BAWA East SWTP Expansion	Baytown Area Water Authority	Livingston-Wallisville Lake/Reservoir System	6,549	9,481	9,413	9,383	9,259	9,266
	Municipal Conservation	N/A	Municipal Conservation	429	984	1,219	1,444	1,547	1,773
	Water Loss Reduction	N/A	Water Loss Reduction	97	324	548	755	791	794
Bayview MUD	GCWA Coastal Desalination	Gulf Coast Water Authority	Gulf of Mexico	0	80	84	87	92	96
	Municipal Conservation	N/A	Municipal Conservation	5	9	11	13	14	17
Bellaire	Municipal Conservation	N/A	Municipal Conservation	116	195	215	242	264	298
Bellville	Municipal Conservation	N/A	Municipal Conservation	33	54	64	67	64	66

Water User Group	Water Management Strategy	Seller	Supply Source	Allocated Supply Volume (ac ft)					
				2030	2040	2050	2060	2070	2080
Blaketree MUD 1 of Montgomery County	Montgomery County Supply Expansion	San Jacinto River Authority	Gulf Coast Aquifer System, Montgomery	2	11	35	45	50	54
	Municipal Conservation	N/A	Municipal Conservation	0	6	11	16	17	18
	Water Loss Reduction	N/A	Water Loss Reduction	0	2	6	9	11	13
Blue Bell Manor Utility	City of Houston GRP	Houston	Gulf Coast Aquifer System, Harris	0	65	73	75	68	64
	Municipal Conservation	N/A	Municipal Conservation	13	19	21	24	25	29
Blue Ridge West MUD	Missouri City GRP	Missouri City	Gulf Coast Aquifer System, Fort Bend	0	0	2	33	45	57
	Municipal Conservation	N/A	Municipal Conservation	29	43	47	55	60	71
Bolivar Peninsula SUD	Municipal Conservation	N/A	Municipal Conservation	52	90	102	114	119	134
	Water Loss Reduction	N/A	Water Loss Reduction	12	36	57	76	94	109
Brazoria	Municipal Conservation	N/A	Municipal Conservation	13	21	23	26	27	32
Brazoria County FWSD 1	Municipal Conservation	N/A	Municipal Conservation	3	5	5	6	6	8
	Water Loss Reduction	N/A	Water Loss Reduction	1	3	5	6	7	9
Brazoria County MUD 2	Municipal Conservation	N/A	Municipal Conservation	37	46	50	54	57	61
	Water Loss Reduction	N/A	Water Loss Reduction	15	46	75	105	131	152
Brazoria County MUD 21	Municipal Conservation	N/A	Municipal Conservation	22	33	36	40	42	46
	Municipal Drought Mgmt.	N/A	Municipal Drought Mgmt.	3	2	2	2	2	2
	Water Loss Reduction	N/A	Water Loss Reduction	4	12	18	18	18	18
Brazoria County MUD 22	Municipal Conservation	N/A	Municipal Conservation	15	30	36	37	34	36
	Water Loss Reduction	N/A	Water Loss Reduction	3	8	8	8	9	9
Brazoria County MUD 25	Manvel Supply Expansion	Pearland	Brazos Run-of-River, Fort Bend	50	50	50	50	50	50
	Municipal Conservation	N/A	Municipal Conservation	12	18	20	22	24	28
	Municipal Drought Mgmt.	N/A	Municipal Drought Mgmt.	2	2	2	2	2	2
Brazoria County MUD 29	Manvel Supply Expansion	Pearland	Brazos Run-of-River, Fort Bend	150	150	150	150	150	150
	Municipal Conservation	N/A	Municipal Conservation	15	26	30	34	37	45
	Municipal Drought Mgmt.	N/A	Municipal Drought Mgmt.	5	5	5	5	5	5
Brazoria County MUD 3	Municipal Conservation	N/A	Municipal Conservation	20	28	31	35	38	44

Water User Group	Water Management Strategy	Seller	Supply Source	Allocated Supply Volume (ac ft)					
				2030	2040	2050	2060	2070	2080
Brazoria County MUD 31	Municipal Conservation	N/A	Municipal Conservation	25	34	36	39	41	45
	Municipal Drought Mgmt.	N/A	Municipal Drought Mgmt.	3	3	2	2	0	0
	Water Loss Reduction	N/A	Water Loss Reduction	11	33	51	69	84	96
Brazoria County MUD 39	Manvel Supply Expansion	Pearland	Brazos Run-of-River, Fort Bend	500	500	500	500	500	500
	Municipal Conservation	N/A	Municipal Conservation	17	22	23	26	28	31
Brazoria County MUD 55	Municipal Conservation	N/A	Municipal Conservation	14	22	24	26	27	30
Brazoria County MUD 6	Municipal Conservation	N/A	Municipal Conservation	38	50	55	59	62	68
Brookshire MWD	Municipal Conservation	N/A	Municipal Conservation	26	44	50	54	55	63
	Water Loss Reduction	N/A	Water Loss Reduction	15	45	72	97	129	162
Buffalo	Municipal Conservation	N/A	Municipal Conservation	12	20	22	22	20	21
	Water Loss Reduction	N/A	Water Loss Reduction	2	6	7	7	6	6
Bunker Hill Village	Municipal Conservation	N/A	Municipal Conservation	40	50	53	56	58	61
C C Water Works	Expanded Use of Groundwater, Chambers County	N/A	Gulf Coast Aquifer System, Chambers	350	350	350	800	800	800
	Municipal Conservation	N/A	Municipal Conservation	8	15	23	32	43	59
Cape Royale UD	Municipal Conservation	N/A	Municipal Conservation	7	11	12	13	14	15
Centerville	Municipal Conservation	N/A	Municipal Conservation	6	13	15	15	14	14
	Water Loss Reduction	N/A	Water Loss Reduction	1	3	5	5	5	5
Central Harris County Regional Water Authority	CHCRWA GRP	Houston	Livingston-Wallisville Lake/Reservoir System	5,466	5,466	5,466	5,466	5,466	5,466
	Municipal Conservation	N/A	Municipal Conservation	175	329	368	430	482	594
	Wastewater Reclamation for Municipal Irrigation	N/A	Direct Reuse, Master Planned Communities, Harris County	8	15	21	24	38	47
Chambers County MUD 1	Municipal Conservation	N/A	Municipal Conservation	13	20	23	28	33	41
Chateau Woods MUD	Montgomery County Supply Expansion	San Jacinto River Authority	Gulf Coast Aquifer System, Montgomery	0	64	111	142	161	177
	Municipal Conservation	N/A	Municipal Conservation	12	23	27	32	35	42
Chimney Hill MUD	Municipal Conservation	N/A	Municipal Conservation	18	28	30	34	36	43
Clear Brook City MUD	Municipal Conservation	N/A	Municipal Conservation	70	133	147	170	188	229
Clear Lake City Water Authority	Municipal Conservation	N/A	Municipal Conservation	340	549	607	691	770	883

Water User Group	Water Management Strategy	Seller	Supply Source	Allocated Supply Volume (ac ft)					
				2030	2040	2050	2060	2070	2080
Cleveland	Municipal Conservation	N/A	Municipal Conservation	43	74	100	140	161	196
	Water Loss Reduction	N/A	Water Loss Reduction	18	57	102	150	201	254
Clute	Municipal Conservation	N/A	Municipal Conservation	50	84	79	79	75	77
Concord-Robbins WSC	Municipal Conservation	N/A	Municipal Conservation	10	16	15	14	13	13
Conroe	Montgomery County Supply Expansion	San Jacinto River Authority	Conroe Lake/Reservoir	2,216	4,028	6,065	10,687	12,301	13,624
	Municipal Conservation	N/A	Municipal Conservation	476	962	1,584	2,146	2,420	2,964
	Municipal Drought Mgmt.	N/A	Municipal Drought Mgmt.	78	89	106	124	135	143
Conroe Resort Utilities	Montgomery County Supply Expansion	San Jacinto River Authority	Conroe Lake/Reservoir	0	0	102	123	132	138
			Gulf Coast Aquifer System, Montgomery	0	13	0	0	0	0
	Municipal Conservation	N/A	Municipal Conservation	5	9	12	14	13	15
	Water Loss Reduction	N/A	Water Loss Reduction	1	4	7	9	12	16
Corinthian Point MUD 2	Montgomery County Supply Expansion	San Jacinto River Authority	Gulf Coast Aquifer System, Montgomery	0	3	17	26	33	40
	Municipal Conservation	N/A	Municipal Conservation	5	7	9	11	12	13
Country Terrace Water	Municipal Conservation	N/A	Municipal Conservation	6	10	11	13	14	17
County-Other, Austin	Municipal Conservation	N/A	Municipal Conservation	70	122	137	160	175	209
County-Other, Brazoria	BWSC Reservoir and Pump Station Expansion	Brazosport Water Authority	Harris Reservoir	3,597	4,207	4,978	5,242	5,544	5,646
	Manvel Supply Expansion	Pearland	Brazos Run-of-River, Fort Bend	400	400	2,900	2,900	2,900	2,900
	Municipal Conservation	N/A	Municipal Conservation	473	762	893	1,050	1,174	1,418
	New / Expanded Contract with BWA - Brackish Groundwater	Brazosport Water Authority	Gulf Coast Aquifer System, Brazoria	5,848	5,776	5,720	5,704	5,706	5,732
	Wastewater Reclamation for Municipal Irrigation	N/A	Direct Reuse, Master Planned Communities, Brazoria County	42	110	192	228	269	313
	Water Loss Reduction	N/A	Water Loss Reduction	154	473	813	1,125	1,433	1,735
County-Other, Chambers	Expanded Use of Groundwater, Chambers County	N/A	Gulf Coast Aquifer System, Chambers	0	1,250	1,250	2,750	4,000	4,700
	Municipal Conservation	N/A	Municipal Conservation	77	142	224	329	440	617
	Wastewater Reclamation for Municipal Irrigation	N/A	Direct Reuse, Master Planned Communities, Chambers County	22	126	281	429	589	771
	Water Loss Reduction	N/A	Water Loss Reduction	43	182	425	744	1,144	1,645

Water User Group	Water Management Strategy	Seller	Supply Source	Allocated Supply Volume (ac ft)					
				2030	2040	2050	2060	2070	2080
County-Other, Fort Bend	Expanded Use of Groundwater, Fort Bend County	N/A	Gulf Coast Aquifer System, Fort Bend	0	2,183	4,945	7,008	9,161	10,837
	Fairchilds Supply Infrastructure	N/A	Gulf Coast Aquifer System, Fort Bend	448	2,108	2,128	2,124	2,123	2,123
	Municipal Conservation	N/A	Municipal Conservation	559	1,377	2,345	3,525	4,762	6,630
	New / Expanded Contract with GCWA	Gulf Coast Water Authority	Brazos Run-of-River, Fort Bend	426	641	1,013	1,363	1,436	1,755
	NFBWA GRP	North Fort Bend Water Authority	Gulf Coast Aquifer System, Fort Bend	0	412	1,235	1,868	2,820	3,290
	Richmond GRP	Brazos River Authority	Allens Creek Lake/Reservoir	0	0	13	722	1,463	1,714
		Richmond	BRA System Operations Permit Supply	712	1,157	1,552	1,421	1,234	1,003
	Sugar Land IWRP	Sugar Land	Direct Reuse, County-Other, Fort Bend	0	0	1,232	1,232	1,232	1,232
			Gulf Coast Aquifer System, Fort Bend	460	786	786	786	786	786
	Wastewater Reclamation for Municipal Irrigation	N/A	Direct Reuse, Master Planned Communities, Fort Bend County	300	1,220	2,308	3,203	4,163	5,023
	Water Loss Reduction	N/A	Water Loss Reduction	207	1,069	2,596	4,448	6,754	9,238
County-Other, Galveston	Municipal Conservation	N/A	Municipal Conservation	95	149	168	194	212	249
	New / Expanded Contract with GCWA	Gulf Coast Water Authority	Brazos Run-of-River, Fort Bend	2,608	2,671	2,709	2,720	2,703	2,685
	Water Loss Reduction	N/A	Water Loss Reduction	25	74	122	168	208	224
County-Other, Harris	City of Houston GRP	Houston	Gulf Coast Aquifer System, Harris	1,514	1,664	1,757	1,841	1,847	1,887
			Livingston-Wallisville Lake/Reservoir System	0	840	844	845	845	846
	Municipal Conservation	N/A	Municipal Conservation	788	1,250	1,484	1,732	1,905	2,212
	New / Expanded Contract with City of Houston	Houston	Indirect Reuse, Houston	0	0	0	0	1,633	3,448
			Livingston-Wallisville Lake/Reservoir System	3,045	7,963	9,601	8,934	7,449	5,594
	New / Expanded Contract with Regional Providers	TBD	San Jacinto Regional Return Flows	1,533	2,854	4,092	4,642	4,941	4,960
	Wastewater Reclamation for Municipal Irrigation	N/A	Direct Reuse, Master Planned Communities, Harris County	291	688	915	1,053	1,125	1,156
County-Other, Leon	Municipal Conservation	N/A	Municipal Conservation	11	17	15	13	12	10
	Water Loss Reduction	N/A	Water Loss Reduction	5	12	16	18	16	12

Water User Group	Water Management Strategy	Seller	Supply Source	Allocated Supply Volume (ac ft)					
				2030	2040	2050	2060	2070	2080
County-Other, Liberty	Municipal Conservation	N/A	Municipal Conservation	242	488	699	1,001	1,320	1,838
	Wastewater Reclamation for Municipal Irrigation	N/A	Direct Reuse, Master Planned Communities, Liberty County	66	232	434	653	866	1,097
	Water Loss Reduction	N/A	Water Loss Reduction	77	298	619	1,036	1,522	2,094
County-Other, Madison	Expanded Use of Groundwater, Madison County	N/A	Queen City Aquifer, Madison	11	11	11	11	11	11
	Municipal Conservation	N/A	Municipal Conservation	15	22	25	28	31	37
	Water Loss Reduction	N/A	Water Loss Reduction	8	25	41	55	71	86
County-Other, Montgomery	Montgomery County Supply Expansion	San Jacinto River Authority	Conroe Lake/Reservoir	0	0	1,429	2,460	7,710	3,776
			Gulf Coast Aquifer System (Catahoula Formation), Montgomery	0	0	0	0	0	10,500
			Gulf Coast Aquifer System, Montgomery	0	2,758	5,641	7,948	4,976	3,476
	Municipal Conservation	N/A	Municipal Conservation	791	1,480	2,023	2,662	3,202	4,007
	Wastewater Reclamation for Municipal Irrigation	N/A	Direct Reuse, Master Planned Communities, Montgomery County	215	838	1,465	1,952	2,320	2,570
	Water Loss Reduction	N/A	Water Loss Reduction	203	767	1,523	2,349	3,175	3,641
County-Other, Polk	Municipal Conservation	N/A	Municipal Conservation	46	70	78	89	99	117
	Water Loss Reduction	N/A	Water Loss Reduction	17	53	85	118	151	182
County-Other, San Jacinto	Municipal Conservation	N/A	Municipal Conservation	33	46	48	51	53	58
	Water Loss Reduction	N/A	Water Loss Reduction	14	41	63	81	97	109
County-Other, Walker	Expanded Use of Groundwater, Walker County	N/A	Gulf Coast Aquifer System, Walker	150	150	150	150	150	150
	Municipal Conservation	N/A	Municipal Conservation	62	81	82	81	75	73
	Water Loss Reduction	N/A	Water Loss Reduction	19	52	78	92	98	90
County-Other, Waller	Expanded Use of Groundwater, Waller County	N/A	Gulf Coast Aquifer System, Waller	1,200	1,200	3,950	3,950	6,700	6,700
	Municipal Conservation	N/A	Municipal Conservation	94	170	248	373	519	747
	Wastewater Reclamation for Municipal Irrigation	N/A	Direct Reuse, Master Planned Communities, Waller County	36	92	196	327	468	619
	Water Loss Reduction	N/A	Water Loss Reduction	28	100	218	392	615	885

Water User Group	Water Management Strategy	Seller	Supply Source	Allocated Supply Volume (ac ft)					
				2030	2040	2050	2060	2070	2080
Crosby MUD	Municipal Conservation	N/A	Municipal Conservation	33	57	67	72	72	76
	New / Expanded Contract with SJRA	San Jacinto River Authority	San Jacinto Regional Return Flows	0	1	0	2	54	45
	Water Loss Reduction	N/A	Water Loss Reduction	9	30	48	67	87	91
Cut & Shoot	Montgomery County Supply Expansion	San Jacinto River Authority	Gulf Coast Aquifer System, Montgomery	436	569	792	1,020	1,197	1,219
	Municipal Conservation	N/A	Municipal Conservation	35	83	112	150	185	240
	Municipal Drought Mgmt.	N/A	Municipal Drought Mgmt.	8	9	11	12	13	12
Daisetta	Municipal Conservation	N/A	Municipal Conservation	4	6	6	7	8	9
	Water Loss Reduction	N/A	Water Loss Reduction	1	2	4	5	6	7
Danbury	Municipal Conservation	N/A	Municipal Conservation	6	10	11	12	13	15
Dayton	Municipal Conservation	N/A	Municipal Conservation	80	149	191	242	288	353
	Water Loss Reduction	N/A	Water Loss Reduction	30	109	199	300	402	509
Deer Park	Municipal Conservation	N/A	Municipal Conservation	179	320	359	409	453	522
	Water Loss Reduction	N/A	Water Loss Reduction	44	127	203	271	335	372
Devers	Municipal Conservation	N/A	Municipal Conservation	4	5	5	6	6	7
Dobbin Plantersville WSC	Brackish Groundwater Supplies	N/A	Gulf Coast Aquifer System (Catahoula Formation), Montgomery	63	230	456	662	898	1,109
	Municipal Conservation	N/A	Municipal Conservation	22	50	91	124	140	147
Dodge Oakhurst WSC	Expanded Use of Groundwater, Walker County	N/A	Gulf Coast Aquifer System, Walker	0	0	100	100	325	325
	Municipal Conservation	N/A	Municipal Conservation	10	17	23	31	40	55
Domestic Water	Montgomery County Supply Expansion	San Jacinto River Authority	Gulf Coast Aquifer System, Montgomery	0	16	29	41	50	54
	Municipal Conservation	N/A	Municipal Conservation	5	8	10	12	14	17
Douglas Utility	City of Houston GRP	Houston	Gulf Coast Aquifer System, Harris	0	50	54	57	52	52
	Municipal Conservation	N/A	Municipal Conservation	7	8	8	9	9	10
East Montgomery County MUD 6	Montgomery County Supply Expansion	San Jacinto River Authority	Gulf Coast Aquifer System, Montgomery	1	43	85	129	164	172
	Municipal Conservation	N/A	Municipal Conservation	9	14	16	22	27	33
East Plantation UD	Montgomery County Supply Expansion	San Jacinto River Authority	Gulf Coast Aquifer System, Montgomery	1	35	87	141	146	159
	Municipal Conservation	N/A	Municipal Conservation	7	9	13	17	19	21

Water User Group	Water Management Strategy	Seller	Supply Source	Allocated Supply Volume (ac ft)					
				2030	2040	2050	2060	2070	2080
El Dorado UD	City of Houston GRP	Houston	Livingston-Wallisville Lake/Reservoir System	0	327	353	358	362	362
	Municipal Conservation	N/A	Municipal Conservation	12	18	20	23	26	30
Far Hills UD	Brackish Groundwater Supplies	N/A	Gulf Coast Aquifer System (Catahoula Formation), Montgomery	0	97	207	205	204	204
	Municipal Conservation	N/A	Municipal Conservation	9	16	21	25	29	34
First Colony MUD 9	Missouri City GRP	Missouri City	Gulf Coast Aquifer System, Fort Bend	0	8	51	90	132	168
	Municipal Conservation	N/A	Municipal Conservation	39	57	64	73	79	90
Flo Community WSC	Municipal Conservation	N/A	Municipal Conservation	14	21	23	25	26	30
Forest Hills MUD	City of Houston GRP	Houston	Livingston-Wallisville Lake/Reservoir System	0	162	161	159	241	158
	Municipal Conservation	N/A	Municipal Conservation	9	13	14	16	17	20
Fort Bend County FWSD 1	NFBWA GRP	North Fort Bend Water Authority	Gulf Coast Aquifer System, Fort Bend	0	221	291	297	313	326
	Water Loss Reduction	N/A	Water Loss Reduction	6	28	51	70	89	109
Fort Bend County FWSD 2	Municipal Conservation	N/A	Municipal Conservation	16	24	27	32	36	47
	Rosenberg GRP	Rosenberg	Gulf Coast Aquifer System, Fort Bend	328	336	359	378	399	422
Fort Bend County MUD 115	Missouri City GRP	Gulf Coast Water Authority	Brazos Run-of-River, Fort Bend	0	0	0	73	97	113
		Missouri City	BRA System Operations Permit Supply	0	6	58	0	0	0
	Municipal Conservation	N/A	Municipal Conservation	16	20	24	25	26	27
	Municipal Drought Mgmt.	N/A	Municipal Drought Mgmt.	0	0	3	3	3	3
Fort Bend County MUD 116	Municipal Conservation	N/A	Municipal Conservation	26	40	44	49	51	57
	Municipal Drought Mgmt.	N/A	Municipal Drought Mgmt.	0	4	4	4	4	4
	Richmond GRP	Richmond	Gulf Coast Aquifer System, Fort Bend	0	92	92	104	112	125
	Water Loss Reduction	N/A	Water Loss Reduction	6	20	30	30	31	31
Fort Bend County MUD 121	Municipal Conservation	N/A	Municipal Conservation	14	20	22	24	26	30
	Richmond GRP	Richmond	Brazos River Authority Main Stem Lake/Reservoir System	274	282	280	280	280	281
Fort Bend County MUD 128	Municipal Conservation	N/A	Municipal Conservation	71	108	117	132	149	173
	Sugar Land IWRP	Sugar Land	Brazos Run-of-River, Fort Bend	102	99	107	92	121	157

Water User Group	Water Management Strategy	Seller	Supply Source	Allocated Supply Volume (ac ft)					
				2030	2040	2050	2060	2070	2080
Fort Bend County MUD 129	Missouri City GRP	Gulf Coast Water Authority	Brazos Run-of-River, Fort Bend	0	0	0	49	72	122
		Missouri City	BRA System Operations Permit Supply	0	21	31	0	0	0
	Municipal Conservation	N/A	Municipal Conservation	33	43	46	50	53	60
Fort Bend County MUD 131	Municipal Conservation	N/A	Municipal Conservation	10	18	21	24	29	36
	NFBWA GRP	North Fort Bend Water Authority	Gulf Coast Aquifer System, Fort Bend	0	0	0	0	14	19
Fort Bend County MUD 140	Municipal Conservation	N/A	Municipal Conservation	12	17	18	20	23	28
Fort Bend County MUD 149	Missouri City GRP	Gulf Coast Water Authority	Brazos Run-of-River, Fort Bend	0	0	0	44	50	75
		Missouri City	BRA System Operations Permit Supply	0	3	37	0	0	0
	Municipal Conservation	N/A	Municipal Conservation	39	47	51	54	57	62
Fort Bend County MUD 152	Municipal Conservation	N/A	Municipal Conservation	20	28	30	34	37	42
	Rosenberg GRP	Rosenberg	Brazos Run-of-River, Brazoria	0	0	1	21	40	41
Fort Bend County MUD 155	Municipal Conservation	N/A	Municipal Conservation	19	30	39	50	59	70
	Municipal Drought Mgmt.	N/A	Municipal Drought Mgmt.	0	3	4	4	4	4
	Rosenberg GRP	Rosenberg	Brazos Run-of-River, Brazoria	0	81	180	258	326	365
Fort Bend County MUD 158	Municipal Conservation	N/A	Municipal Conservation	12	18	22	26	30	35
	Municipal Drought Mgmt.	N/A	Municipal Drought Mgmt.	0	2	2	2	3	3
	Rosenberg GRP	Rosenberg	Brazos Run-of-River, Brazoria	0	33	78	113	144	162
Fort Bend County MUD 162	Municipal Conservation	N/A	Municipal Conservation	9	14	16	20	25	34
	Municipal Drought Mgmt.	N/A	Municipal Drought Mgmt.	0	0	0	1	1	1
	Rosenberg GRP	Rosenberg	Gulf Coast Aquifer System, Fort Bend	0	0	12	28	76	97
Fort Bend County MUD 23	Missouri City GRP	Missouri City	Gulf Coast Aquifer System, Fort Bend	0	27	27	36	45	52
	Municipal Conservation	N/A	Municipal Conservation	57	112	125	147	165	202
Fort Bend County MUD 24	Missouri City GRP	Missouri City	Gulf Coast Aquifer System, Fort Bend	0	17	17	17	18	19
	Municipal Conservation	N/A	Municipal Conservation	10	17	19	21	23	27

Water User Group	Water Management Strategy	Seller	Supply Source	Allocated Supply Volume (ac ft)					
				2030	2040	2050	2060	2070	2080
Fort Bend County MUD 25	Fort Bend MUD 25 GRP	N/A	Direct Reuse, Fort Bend County MUD 25	68	68	68	68	68	68
		Sugar Land	Brazos River Authority Main Stem Lake/Reservoir System	1,120	1,120	1,120	1,120	1,120	1,120
	Municipal Conservation	N/A	Municipal Conservation	73	122	136	155	174	202
	Municipal Drought Mgmt.	N/A	Municipal Drought Mgmt.	9	8	8	7	7	6
	Water Loss Reduction	N/A	Water Loss Reduction	19	55	88	118	147	151
Fort Bend County MUD 26	Missouri City GRP	Missouri City	Gulf Coast Aquifer System, Fort Bend	0	18	27	49	60	71
	Municipal Conservation	N/A	Municipal Conservation	20	31	35	41	46	55
Fort Bend County MUD 42	Missouri City GRP	Missouri City	Gulf Coast Aquifer System, Fort Bend	0	19	31	43	55	69
	Municipal Conservation	N/A	Municipal Conservation	20	30	34	37	40	45
	Municipal Drought Mgmt.	N/A	Municipal Drought Mgmt.	0	0	0	3	3	3
Fort Bend County MUD 46	Municipal Conservation	N/A	Municipal Conservation	17	25	29	32	32	34
Fort Bend County MUD 47	Municipal Conservation	N/A	Municipal Conservation	10	17	18	21	22	27
Fort Bend County MUD 48	Missouri City GRP	Gulf Coast Water Authority	Brazos Run-of-River, Fort Bend	0	0	0	33	46	52
		Missouri City	BRA System Operations Permit Supply	0	5	9	0	0	0
	Municipal Conservation	N/A	Municipal Conservation	16	24	27	31	35	42
Fort Bend County MUD 49	Missouri City GRP	Gulf Coast Water Authority	Brazos Run-of-River, Fort Bend	0	0	0	15	26	27
		Missouri City	BRA System Operations Permit Supply	13	14	14	0	0	0
	Municipal Conservation	N/A	Municipal Conservation	5	7	8	9	10	12
	Municipal Drought Mgmt.	N/A	Municipal Drought Mgmt.	1	0	0	0	1	0
Fort Bend County MUD 5	Municipal Conservation	N/A	Municipal Conservation	12	21	26	31	34	41
	Rosenberg GRP	Rosenberg	Gulf Coast Aquifer System, Fort Bend	0	27	55	68	71	73
Fort Bend County MUD 81	Municipal Conservation	N/A	Municipal Conservation	37	44	64	84	98	112

Water User Group	Water Management Strategy	Seller	Supply Source	Allocated Supply Volume (ac ft)					
				2030	2040	2050	2060	2070	2080
Fort Bend County WCID 2	Additional Supply from GCWA	Gulf Coast Water Authority	Brazos Run-of-River, Fort Bend	1,414	1,465	1,570	1,682	1,803	1,930
	Fort Bend WCID 2 GRP	N/A	Brazos River Authority Main Stem Lake/Reservoir System	0	103	443	745	1,027	1,340
			Brazos Run-of-River, Fort Bend	3,020	3,433	3,393	3,354	3,315	3,278
	Municipal Conservation	N/A	Municipal Conservation	249	405	466	528	571	658
	Municipal Drought Mgmt.	N/A	Municipal Drought Mgmt.	38	37	36	35	36	36
	Water Loss Reduction	N/A	Water Loss Reduction	69	212	352	487	536	555
Fort Bend County WCID 3	Municipal Conservation	N/A	Municipal Conservation	8	10	10	10	11	12
	Richmond GRP	Richmond	Gulf Coast Aquifer System, Fort Bend	0	0	0	0	18	29
Freeport	Municipal Conservation	N/A	Municipal Conservation	49	94	102	89	81	83
	Water Loss Reduction	N/A	Water Loss Reduction	18	50	79	102	122	136
Friendswood	Municipal Conservation	N/A	Municipal Conservation	242	425	479	551	617	717
	Water Loss Reduction	N/A	Water Loss Reduction	84	246	397	536	665	784
Fulshear	Municipal Conservation	N/A	Municipal Conservation	138	346	453	544	628	750
	NFBWA GRP	Houston	Livingston-Wallisville Lake/Reservoir System	0	1,185	1,133	1,147	1,204	1,183
Galena Park	Municipal Conservation	N/A	Municipal Conservation	31	61	62	63	63	61
	Water Loss Reduction	N/A	Water Loss Reduction	10	29	47	64	79	89
Galveston	Additional Supply from GCWA	Gulf Coast Water Authority	Brazos Run-of-River, Fort Bend	6,944	6,944	6,944	6,944	6,944	6,944
	GCWA Coastal Desalination	Gulf Coast Water Authority	Gulf of Mexico	0	4,332	4,527	4,737	4,961	5,198
	GCWA Groundwater Well Development	Gulf Coast Water Authority	Gulf Coast Aquifer System, Galveston	0	1,839	1,865	1,881	1,893	1,905
	Municipal Conservation	N/A	Municipal Conservation	531	909	1,008	1,094	1,086	1,209
	Water Loss Reduction	N/A	Water Loss Reduction	313	897	1,444	1,943	2,400	2,819
Galveston County FWSD 6	GCWA Coastal Desalination	Gulf Coast Water Authority	Gulf of Mexico	0	167	175	183	191	200
	Municipal Conservation	N/A	Municipal Conservation	9	15	17	19	20	23
Galveston County MUD 12	GCWA Coastal Desalination	Gulf Coast Water Authority	Gulf of Mexico	0	93	97	101	106	111
	Municipal Conservation	N/A	Municipal Conservation	14	23	25	28	31	35

Water User Group	Water Management Strategy	Seller	Supply Source	Allocated Supply Volume (ac ft)					
				2030	2040	2050	2060	2070	2080
Galveston County WCID 1	GCWA Coastal Desalination	Gulf Coast Water Authority	Gulf of Mexico	0	859	898	940	985	1,032
	Municipal Conservation	N/A	Municipal Conservation	99	201	232	271	296	360
	Water Loss Reduction	N/A	Water Loss Reduction	48	140	226	305	378	444
Galveston County WCID 12	GCWA Coastal Desalination	Gulf Coast Water Authority	Gulf of Mexico	0	637	666	697	730	764
	Municipal Conservation	N/A	Municipal Conservation	23	36	42	44	42	44
	Water Loss Reduction	N/A	Water Loss Reduction	10	30	48	65	80	94
Galveston County WCID 8	GCWA Coastal Desalination	Gulf Coast Water Authority	Gulf of Mexico	0	343	357	375	392	411
	Municipal Conservation	N/A	Municipal Conservation	18	31	35	40	44	52
	Water Loss Reduction	N/A	Water Loss Reduction	3	9	11	11	11	11
Glendale WSC	Municipal Conservation	N/A	Municipal Conservation	4	6	6	7	7	7
Grand Oaks MUD	Montgomery County Supply Expansion	San Jacinto River Authority	Gulf Coast Aquifer System, Montgomery	0	27	50	59	65	69
	Municipal Conservation	N/A	Municipal Conservation	5	8	9	10	12	14
	Municipal Drought Mgmt.	N/A	Municipal Drought Mgmt.	0	2	2	2	2	2
Green Trails MUD	City of Houston GRP	Houston	Gulf Coast Aquifer System, Harris	0	108	107	106	117	123
	Municipal Conservation	N/A	Municipal Conservation	15	21	23	24	25	27
Greenwood UD	Municipal Conservation	N/A	Municipal Conservation	27	47	47	47	46	46
Groveton	Municipal Conservation	N/A	Municipal Conservation	3	5	6	6	5	6
	Water Loss Reduction	N/A	Water Loss Reduction	2	5	6	8	9	9
Hardin WSC	Municipal Conservation	N/A	Municipal Conservation	18	29	32	37	41	50
	Water Loss Reduction	N/A	Water Loss Reduction	0	1	1	1	1	1
Harris County FWSD 1-A	Municipal Conservation	N/A	Municipal Conservation	8	13	14	16	17	20
	Water Loss Reduction	N/A	Water Loss Reduction	3	8	13	17	21	24
Harris County FWSD 27	BAWA East SWTP Expansion	Baytown Area Water Authority	Livingston-Wallisville Lake/Reservoir System	36	84	103	113	168	150
	Municipal Conservation	N/A	Municipal Conservation	9	15	17	20	24	28
	Municipal Drought Mgmt.	N/A	Municipal Drought Mgmt.	3	4	4	4	5	5

Water User Group	Water Management Strategy	Seller	Supply Source	Allocated Supply Volume (ac ft)					
				2030	2040	2050	2060	2070	2080
Harris County FWSD 58	City of Houston GRP	Houston	Gulf Coast Aquifer System, Harris	0	52	50	49	47	45
	Municipal Conservation	N/A	Municipal Conservation	11	16	18	19	21	23
Harris County MUD 106	Municipal Conservation	N/A	Municipal Conservation	19	28	31	35	39	44
	WHCRWA GRP	Houston	Livingston-Wallisville Lake/Reservoir System	0	621	643	654	679	688
Harris County MUD 11	City of Houston GRP	Houston	Livingston-Wallisville Lake/Reservoir System	0	232	231	228	225	223
	Municipal Conservation	N/A	Municipal Conservation	12	19	20	23	24	28
Harris County MUD 119	City of Houston GRP	Houston	Livingston-Wallisville Lake/Reservoir System	0	610	607	605	597	590
	Municipal Conservation	N/A	Municipal Conservation	22	31	34	37	40	45
Harris County MUD 122	Municipal Conservation	N/A	Municipal Conservation	4	7	8	9	9	11
Harris County MUD 132	Municipal Conservation	N/A	Municipal Conservation	47	64	71	76	79	85
	Water Loss Reduction	N/A	Water Loss Reduction	12	35	54	54	56	57
	WHCRWA GRP	Houston	Livingston-Wallisville Lake/Reservoir System	0	1,951	2,016	2,041	2,101	2,132
Harris County MUD 148	Municipal Conservation	N/A	Municipal Conservation	20	33	39	46	51	60
Harris County MUD 151	Municipal Conservation	N/A	Municipal Conservation	33	47	51	57	62	70
	WHCRWA GRP	Houston	Livingston-Wallisville Lake/Reservoir System	0	1,121	1,144	1,157	1,206	1,216
Harris County MUD 152	Municipal Conservation	N/A	Municipal Conservation	31	46	52	58	65	76
	WHCRWA GRP	Houston	Livingston-Wallisville Lake/Reservoir System	0	1,024	1,059	1,072	1,109	1,122
Harris County MUD 153	City of Houston GRP	Houston	Gulf Coast Aquifer System, Harris	0	245	267	276	314	320
	Municipal Conservation	N/A	Municipal Conservation	44	70	80	86	88	96
	Municipal Drought Mgmt.	N/A	Municipal Drought Mgmt.	0	1	1	1	1	1
Harris County MUD 154	City of Houston GRP	Houston	Livingston-Wallisville Lake/Reservoir System	0	946	949	935	952	942
	Municipal Conservation	N/A	Municipal Conservation	40	70	78	91	102	124
	Water Loss Reduction	N/A	Water Loss Reduction	9	25	40	48	50	50
Harris County MUD 180	Municipal Conservation	N/A	Municipal Conservation	17	27	30	34	37	44
Harris County MUD 189	City of Houston GRP	Houston	Livingston-Wallisville Lake/Reservoir System	0	443	448	451	465	485
	Municipal Conservation	N/A	Municipal Conservation	12	16	17	18	19	21
	Water Loss Reduction	N/A	Water Loss Reduction	3	5	5	5	6	6

Water User Group	Water Management Strategy	Seller	Supply Source	Allocated Supply Volume (ac ft)					
				2030	2040	2050	2060	2070	2080
Harris County MUD 216	City of Houston GRP	Houston	Gulf Coast Aquifer System, Harris	0	94	92	89	92	93
	Municipal Conservation	N/A	Municipal Conservation	10	13	13	14	13	14
Harris County MUD 221	City of Houston GRP	Houston	Livingston-Wallisville Lake/Reservoir System	0	394	398	398	405	403
	Municipal Conservation	N/A	Municipal Conservation	16	23	25	28	31	36
	Water Loss Reduction	N/A	Water Loss Reduction	3	9	13	13	13	14
Harris County MUD 23	Municipal Conservation	N/A	Municipal Conservation	13	20	21	24	26	30
	Water Loss Reduction	N/A	Water Loss Reduction	3	9	14	19	23	23
Harris County MUD 261	Municipal Conservation	N/A	Municipal Conservation	8	11	12	13	14	15
	New / Expanded Contract with City of Houston	Houston	Livingston-Wallisville Lake/Reservoir System	162	224	230	231	229	230
Harris County MUD 278	City of Houston GRP	Houston	Livingston-Wallisville Lake/Reservoir System	0	563	563	563	563	563
	Municipal Conservation	N/A	Municipal Conservation	33	53	65	102	119	147
Harris County MUD 290	Municipal Conservation	N/A	Municipal Conservation	35	54	66	100	116	142
	WHCRWA GRP	Houston	Livingston-Wallisville Lake/Reservoir System	0	1,173	1,242	1,271	1,312	1,327
Harris County MUD 321	Municipal Conservation	N/A	Municipal Conservation	5	7	9	9	8	7
Harris County MUD 342	City of Houston GRP	Houston	Gulf Coast Aquifer System, Harris	0	126	245	298	297	307
	Municipal Conservation	N/A	Municipal Conservation	19	26	32	38	41	45
Harris County MUD 344	Municipal Conservation	N/A	Municipal Conservation	28	42	46	49	51	55
Harris County MUD 345	City of Houston GRP	Houston	Gulf Coast Aquifer System, Harris	0	134	122	108	122	109
	Municipal Conservation	N/A	Municipal Conservation	25	33	35	38	42	46
	Municipal Drought Mgmt.	N/A	Municipal Drought Mgmt.	0	5	5	5	5	5
	Water Loss Reduction	N/A	Water Loss Reduction	9	26	41	56	71	83
Harris County MUD 36	City of Houston GRP	Houston	Livingston-Wallisville Lake/Reservoir System	0	481	654	726	734	761
	Municipal Conservation	N/A	Municipal Conservation	15	25	36	41	38	36
Harris County MUD 361	City of Houston GRP	Houston	Gulf Coast Aquifer System, Harris	0	88	111	118	129	127
	Municipal Conservation	N/A	Municipal Conservation	20	31	35	40	44	52
Harris County MUD 372	Municipal Conservation	N/A	Municipal Conservation	19	25	27	29	31	34

Water User Group	Water Management Strategy	Seller	Supply Source	Allocated Supply Volume (ac ft)					
				2030	2040	2050	2060	2070	2080
Harris County MUD 400	Municipal Conservation	N/A	Municipal Conservation	56	124	167	219	226	254
Harris County MUD 412	Municipal Conservation	N/A	Municipal Conservation	25	36	43	49	52	58
Harris County MUD 420	Municipal Conservation	N/A	Municipal Conservation	5	8	9	10	11	13
Harris County MUD 46	Municipal Conservation	N/A	Municipal Conservation	19	26	28	30	31	34
	WHCRWA GRP	Houston	Livingston-Wallisville Lake/Reservoir System	0	654	656	658	658	658
Harris County MUD 49	Municipal Conservation	N/A	Municipal Conservation	28	45	51	59	65	77
Harris County MUD 494	City of Houston GRP	Houston	Gulf Coast Aquifer System, Harris	0	59	76	81	88	86
	Municipal Conservation	N/A	Municipal Conservation	13	22	25	29	33	39
Harris County MUD 5	Municipal Conservation	N/A	Municipal Conservation	18	28	32	36	40	48
	Water Loss Reduction	N/A	Water Loss Reduction	7	20	32	43	54	65
Harris County MUD 50	Harris County MUD 50 SWTP	San Jacinto River Authority	San Jacinto Run-of-River, Harris	560	560	560	560	560	560
	Municipal Conservation	N/A	Municipal Conservation	15	23	26	30	34	41
	Municipal Drought Mgmt.	N/A	Municipal Drought Mgmt.	3	2	2	2	2	2
	Water Loss Reduction	N/A	Water Loss Reduction	5	14	23	31	40	48
Harris County MUD 504	Municipal Conservation	N/A	Municipal Conservation	13	19	21	23	25	29
Harris County MUD 55	Municipal Conservation	N/A	Municipal Conservation	53	102	113	131	145	177
	Water Loss Reduction	N/A	Water Loss Reduction	16	47	74	98	121	142
Harris County MUD 58	City of Houston GRP	Houston	Gulf Coast Aquifer System, Harris	0	40	37	36	36	35
	Municipal Conservation	N/A	Municipal Conservation	6	8	9	10	10	11
	Municipal Drought Mgmt.	N/A	Municipal Drought Mgmt.	0	2	1	1	1	1
	Water Loss Reduction	N/A	Water Loss Reduction	2	4	6	6	6	6
Harris County MUD 6	Municipal Conservation	N/A	Municipal Conservation	13	20	22	25	26	31
	Municipal Drought Mgmt.	N/A	Municipal Drought Mgmt.	0	3	3	3	3	2
	New / Expanded Contract with City of Houston	Houston	Livingston-Wallisville Lake/Reservoir System	0	36	35	32	28	22
	Water Loss Reduction	N/A	Water Loss Reduction	2	6	6	6	6	6
Harris County MUD 8	Municipal Conservation	N/A	Municipal Conservation	13	18	21	23	25	28
Harris County MUD 96	Municipal Conservation	N/A	Municipal Conservation	24	38	44	51	56	66

Water User Group	Water Management Strategy	Seller	Supply Source	Allocated Supply Volume (ac ft)					
				2030	2040	2050	2060	2070	2080
Harris County UD 14	City of Houston GRP	Houston	Livingston-Wallisville Lake/Reservoir System	0	165	166	166	166	168
	Water Loss Reduction	N/A	Water Loss Reduction	1	4	4	4	4	4
Harris County UD 15	City of Houston GRP	Houston	Livingston-Wallisville Lake/Reservoir System	0	391	383	378	386	390
	Municipal Conservation	N/A	Municipal Conservation	15	21	23	25	26	29
	Water Loss Reduction	N/A	Water Loss Reduction	4	10	16	19	19	20
Harris County WCID 1	BAWA East SWTP Expansion	Baytown Area Water Authority	Livingston-Wallisville Lake/Reservoir System	135	145	194	214	283	294
	Municipal Conservation	N/A	Municipal Conservation	37	56	64	71	76	86
	Municipal Drought Mgmt.	N/A	Municipal Drought Mgmt.	14	13	13	12	13	12
	Water Loss Reduction	N/A	Water Loss Reduction	14	41	67	91	119	140
Harris County WCID 133	City of Houston GRP	Houston	Livingston-Wallisville Lake/Reservoir System	0	575	574	571	565	558
	Municipal Conservation	N/A	Municipal Conservation	20	29	31	35	37	42
Harris County WCID 156	Municipal Conservation	N/A	Municipal Conservation	5	6	7	7	8	8
Harris County WCID 161	Municipal Conservation	N/A	Municipal Conservation	6	8	9	10	10	12
Harris County WCID 50	Municipal Conservation	N/A	Municipal Conservation	11	17	18	20	22	25
Harris County WCID 70	City of Houston GRP	Houston	Gulf Coast Aquifer System, Harris	0	30	29	28	27	25
	Municipal Conservation	N/A	Municipal Conservation	8	13	14	15	16	18
	Water Loss Reduction	N/A	Water Loss Reduction	1	2	2	2	2	2
Harris County WCID 74	City of Houston GRP	Houston	Livingston-Wallisville Lake/Reservoir System	0	515	529	527	518	513
	Municipal Conservation	N/A	Municipal Conservation	19	26	29	32	34	39
	Municipal Drought Mgmt.	N/A	Municipal Drought Mgmt.	0	11	12	12	11	11
Harris County WCID 89	Municipal Conservation	N/A	Municipal Conservation	28	45	49	55	58	66
	Water Loss Reduction	N/A	Water Loss Reduction	6	17	27	36	41	41
Harris County WCID 96	Municipal Conservation	N/A	Municipal Conservation	40	54	63	72	75	82
Harris County WCID-Fondren Road	Municipal Conservation	N/A	Municipal Conservation	9	14	16	18	19	23
	Water Loss Reduction	N/A	Water Loss Reduction	1	4	4	4	4	4
Harris-Montgomery Counties MUD 386	Municipal Conservation	N/A	Municipal Conservation	12	19	20	23	24	29
	Water Loss Reduction	N/A	Water Loss Reduction	9	27	43	58	72	89

Water User Group	Water Management Strategy	Seller	Supply Source	Allocated Supply Volume (ac ft)					
				2030	2040	2050	2060	2070	2080
Hempstead	Municipal Conservation	N/A	Municipal Conservation	36	56	63	67	67	71
High Prairie WSC	Expanded Use of Groundwater, Leon County	N/A	Carrizo-Wilcox Aquifer, Leon	100	100	100	100	100	100
	Municipal Conservation	N/A	Municipal Conservation	8	11	11	13	15	16
Hillcrest Village	Municipal Conservation	N/A	Municipal Conservation	3	5	5	5	6	6
	Water Loss Reduction	N/A	Water Loss Reduction	2	4	7	9	11	12
Hilltop Lakes WSC	Municipal Conservation	N/A	Municipal Conservation	9	17	22	28	32	38
Hilshire Village	Municipal Conservation	N/A	Municipal Conservation	6	8	8	9	9	10
Hitchcock	GCWA Coastal Desalination	Gulf Coast Water Authority	Gulf of Mexico	0	413	431	452	473	496
	Municipal Conservation	N/A	Municipal Conservation	26	41	45	50	55	65
	Water Loss Reduction	N/A	Water Loss Reduction	11	32	51	68	85	99
HMW SUD	Montgomery County Supply Expansion	San Jacinto River Authority	Conroe Lake/Reservoir	0	0	924	1,092	1,137	1,147
			Gulf Coast Aquifer System, Montgomery	0	149	0	0	0	0
	Municipal Conservation	N/A	Municipal Conservation	44	84	133	175	204	259
	NHCRWA GRP	North Harris County Regional Water Authority	Gulf Coast Aquifer System, Harris	0	44	39	34	36	34
Houston	City of Houston Area 2 Groundwater Development	N/A	Gulf Coast Aquifer System, Harris	36,804	38,253	39,766	40,382	39,609	39,529
	City of Houston GRP	N/A	Gulf Coast Aquifer System, Harris	0	9,030	9,030	9,029	8,996	9,029
			Livingston-Wallisville Lake/Reservoir System	3,397	27,453	26,727	18,518	10,667	5,131
			San Jacinto Regional Return Flows	1,569	10,276	11,789	9,923	7,135	4,238
	City of Houston Reuse	N/A	Indirect Reuse, Houston	0	0	0	0	2,358	2,947
	East Texas Transfer	Sabine River Authority	Toledo Bend Lake/Reservoir	0	0	250,000	250,000	250,000	250,000
	Municipal Conservation	N/A	Municipal Conservation	12,751	23,031	25,883	29,184	29,275	32,421
	Southeast Transmission Line Expansion	N/A	Livingston-Wallisville Lake/Reservoir System	15,758	15,758	15,758	15,758	15,758	15,758
	Water Loss Reduction	N/A	Water Loss Reduction	4,843	14,216	23,155	31,263	38,198	44,730
Humble	Municipal Conservation	N/A	Municipal Conservation	132	237	296	346	367	414
	Water Loss Reduction	N/A	Water Loss Reduction	30	89	162	187	193	196

Water User Group	Water Management Strategy	Seller	Supply Source	Allocated Supply Volume (ac ft)					
				2030	2040	2050	2060	2070	2080
Huntsville	Expanded Use of Groundwater, Walker County	N/A	Gulf Coast Aquifer System, Walker	0	0	0	0	2,500	2,600
	Municipal Conservation	N/A	Municipal Conservation	297	520	647	811	973	1,277
Irrigation, Austin	Irrigation Conservation	N/A	Irrigation Conservation	2,662	2,662	2,662	2,662	2,662	2,662
Irrigation, Brazoria	Irrigation Conservation	N/A	Irrigation Conservation	29,303	29,303	29,303	29,303	29,303	29,303
Irrigation, Chambers	Irrigation Conservation	N/A	Irrigation Conservation	43,258	43,258	43,258	43,258	43,258	43,258
	LNVA Devers Pump Station Relocation	Lower Neches Valley Authority	Livingston-Wallisville Lake/Reservoir System	5,052	5,052	5,052	5,052	5,052	5,052
	LNVA Neches-Trinity Basin Interconnect	Lower Neches Valley Authority	Sam Rayburn-Steinhagen Lake/Reservoir System	0	33,500	33,500	33,500	33,500	33,500
Irrigation, Fort Bend	Irrigation Conservation	N/A	Irrigation Conservation	4,770	4,770	4,770	4,770	4,770	4,770
Irrigation, Galveston	Irrigation Conservation	N/A	Irrigation Conservation	2,459	2,459	2,459	2,459	2,459	2,459
Irrigation, Harris	Irrigation Conservation	N/A	Irrigation Conservation	125	125	125	125	125	125
Irrigation, Leon	Expanded Use of Groundwater, Leon County	N/A	Carrizo-Wilcox Aquifer, Leon	100	100	100	100	100	100
Irrigation, Liberty	Expanded Use of Groundwater, Liberty County	N/A	Gulf Coast Aquifer System, Liberty	6,110	6,110	6,110	6,110	6,110	6,110
	Irrigation Conservation	N/A	Irrigation Conservation	14,702	14,702	14,702	14,702	14,702	14,702
	LNVA Devers Pump Station Relocation	Lower Neches Valley Authority	Livingston-Wallisville Lake/Reservoir System	3,369	3,369	3,369	3,369	3,369	3,369
			Trinity Run-of-River, Liberty	665	665	665	665	665	665
	LNVA Neches-Trinity Basin Interconnect	Lower Neches Valley Authority	Sam Rayburn-Steinhagen Lake/Reservoir System	0	33,500	33,500	33,500	33,500	33,500
Irrigation, Montgomery	Montgomery County Supply Expansion	San Jacinto River Authority	Gulf Coast Aquifer System, Montgomery	167	943	1,485	1,820	2,019	2,200
Irrigation, Waller	Additional Supply from BRA	Brazos River Authority	Allens Creek Lake/Reservoir	0	0	3	6	9	12
	Irrigation Conservation	N/A	Irrigation Conservation	6,520	6,520	6,520	6,520	6,520	6,520
Jacinto City	Municipal Conservation	N/A	Municipal Conservation	15	9	9	10	10	9
	Water Loss Reduction	N/A	Water Loss Reduction	1	1	1	1	1	1
Jamaica Beach	Municipal Conservation	N/A	Municipal Conservation	12	19	21	23	25	29
Jersey Village	Municipal Conservation	N/A	Municipal Conservation	51	78	88	95	107	163
Jewett	Municipal Conservation	N/A	Municipal Conservation	3	5	4	3	0	0
Johnston Water Utility	Montgomery County Supply Expansion	San Jacinto River Authority	Gulf Coast Aquifer System, Montgomery	378	986	1,367	1,619	1,816	1,970
	Municipal Conservation	N/A	Municipal Conservation	26	42	53	62	70	79

Water User Group	Water Management Strategy	Seller	Supply Source	Allocated Supply Volume (ac ft)					
				2030	2040	2050	2060	2070	2080
Katy	Municipal Conservation	N/A	Municipal Conservation	188	381	495	597	676	798
	Municipal Drought Mgmt.	N/A	Municipal Drought Mgmt.	16	20	20	21	22	22
	WHCRWA GRP	West Harris County Regional Water Authority	Gulf Coast Aquifer System, Harris	801	1,127	1,308	1,301	1,427	1,529
Keenan WSC	Montgomery County Supply Expansion	San Jacinto River Authority	Gulf Coast Aquifer System, Montgomery	0	21	52	72	86	97
	Municipal Conservation	N/A	Municipal Conservation	4	8	12	16	20	25
Kendleton	Municipal Conservation	N/A	Municipal Conservation	3	18	25	29	32	37
Kings Manor MUD	Montgomery County Supply Expansion	San Jacinto River Authority	Gulf Coast Aquifer System, Montgomery	61	126	161	184	202	215
	Municipal Conservation	N/A	Municipal Conservation	17	24	27	30	32	37
	New / Expanded Contract with City of Houston	Houston	Livingston-Wallisville Lake/Reservoir System	22	44	55	62	65	68
Kirkmont MUD	Municipal Conservation	N/A	Municipal Conservation	12	17	18	19	21	23
La Marque	GCWA Coastal Desalination	Gulf Coast Water Authority	Gulf of Mexico	0	831	868	909	952	997
	Municipal Conservation	N/A	Municipal Conservation	113	194	222	255	281	322
	Water Loss Reduction	N/A	Water Loss Reduction	43	129	212	288	358	422
La Porte	Municipal Conservation	N/A	Municipal Conservation	174	350	409	469	503	578
Lake Bonanza WSC	Montgomery County Supply Expansion	San Jacinto River Authority	Conroe Lake/Reservoir	0	0	250	307	327	335
			Gulf Coast Aquifer System, Montgomery	0	38	0	0	0	0
	Municipal Conservation	N/A	Municipal Conservation	8	16	21	27	31	39
Lake Conroe Hills MUD	Montgomery County Supply Expansion	San Jacinto River Authority	Gulf Coast Aquifer System, Montgomery	0	25	47	60	68	76
	Municipal Conservation	N/A	Municipal Conservation	7	14	16	19	21	26
	Water Loss Reduction	N/A	Water Loss Reduction	1	5	8	11	14	14
Lake Jackson	BWSC Reservoir and Pump Station Expansion	Brazosport Water Authority	Harris Reservoir	560	560	560	560	560	560
	Municipal Conservation	N/A	Municipal Conservation	156	257	280	310	333	371
	Municipal Drought Mgmt.	N/A	Municipal Drought Mgmt.	7	0	0	0	0	0
	Water Loss Reduction	N/A	Water Loss Reduction	53	148	233	304	365	410
Lake Livingston WSC	Water Loss Reduction	N/A	Water Loss Reduction	36	110	182	249	316	384
Lake MUD	Municipal Conservation	N/A	Municipal Conservation	25	40	45	51	57	69

Water User Group	Water Management Strategy	Seller	Supply Source	Allocated Supply Volume (ac ft)					
				2030	2040	2050	2060	2070	2080
Lazy River Improvement District	Montgomery County Supply Expansion	San Jacinto River Authority	Gulf Coast Aquifer System, Montgomery	1	40	71	95	111	127
	Municipal Conservation	N/A	Municipal Conservation	7	11	12	13	14	16
League City	GCWA Coastal Desalination	Gulf Coast Water Authority	Gulf of Mexico	0	1,144	1,196	1,251	1,310	1,373
	GCWA Municipal Reuse	Gulf Coast Water Authority	Direct Reuse, League City	6,720	8,960	11,200	13,440	15,680	16,800
	Municipal Conservation	N/A	Municipal Conservation	535	1,195	1,379	1,590	1,706	1,956
	Southeast Transmission Line Expansion	Houston	Livingston-Wallisville Lake/Reservoir System	24,080	24,080	24,080	24,080	24,080	24,080
Leggett WSC	Municipal Conservation	N/A	Municipal Conservation	8	14	16	18	18	21
Liberty	Municipal Conservation	N/A	Municipal Conservation	43	70	82	87	84	88
	Water Loss Reduction	N/A	Water Loss Reduction	18	51	83	113	140	165
Liberty County FWSD 1 Hull	Municipal Conservation	N/A	Municipal Conservation	3	5	5	6	6	7
Livestock, Leon	Expanded Use of Groundwater, Leon County	N/A	Carrizo-Wilcox Aquifer, Leon	200	200	200	200	200	200
Livestock, Liberty	Expanded Use of Groundwater, Liberty County	N/A	Gulf Coast Aquifer System, Liberty	900	900	900	900	832	832
Livestock, Montgomery	Montgomery County Supply Expansion	San Jacinto River Authority	Gulf Coast Aquifer System, Montgomery	17	96	151	185	205	223
Livingston	Municipal Conservation	N/A	Municipal Conservation	67	99	115	123	120	127
	Water Loss Reduction	N/A	Water Loss Reduction	42	130	214	298	380	464
Longhorn Town UD	City of Houston GRP	Houston	Gulf Coast Aquifer System, Harris	0	69	68	65	66	74
	Municipal Conservation	N/A	Municipal Conservation	11	15	16	17	17	18
Luce Bayou PUD	City of Houston GRP	Houston	Gulf Coast Aquifer System, Harris	0	65	63	62	59	58
	Municipal Conservation	N/A	Municipal Conservation	0	5	7	7	8	9
	Water Loss Reduction	N/A	Water Loss Reduction	1	4	6	8	10	11
Madisonville	Expanded Use of Groundwater, Madison County	N/A	Yegua-Jackson Aquifer, Madison	131	0	0	0	0	0
	Municipal Conservation	N/A	Municipal Conservation	25	41	47	49	47	49
	Water Loss Reduction	N/A	Water Loss Reduction	14	40	64	85	105	122
Magnolia	Montgomery County Supply Expansion	San Jacinto River Authority	Gulf Coast Aquifer System, Montgomery	4	193	393	484	544	602
	Municipal Conservation	N/A	Municipal Conservation	20	38	50	57	57	61
	Municipal Drought Mgmt.	N/A	Municipal Drought Mgmt.	4	12	14	15	15	15

Water User Group	Water Management Strategy	Seller	Supply Source	Allocated Supply Volume (ac ft)					
				2030	2040	2050	2060	2070	2080
Manufacturing, Austin	Industrial Conservation	N/A	Industrial Conservation	0	0	0	1	1	1
Manufacturing, Brazoria	Additional Supply from BRA	Brazos River Authority	Allens Creek Lake/Reservoir	0	1,857	2,586	3,384	4,245	5,164
	Additional Supply from GCWA	Gulf Coast Water Authority	Brazos Run-of-River, Fort Bend	5,058	5,137	5,306	5,485	5,676	5,878
	Brazos Saltwater Barrier	Dow Inc	Brazos Run-of-River, Brazoria	10,000	10,000	10,000	10,000	10,000	10,000
	BWSC Reservoir and Pump Station Expansion	Brazosport Water Authority	Harris Reservoir	3,360	3,360	3,360	3,360	3,360	3,360
		Dow Inc	Harris Reservoir	68,000	68,000	68,000	68,000	68,000	68,000
	GCWA Groundwater Well Development	Gulf Coast Water Authority	Gulf Coast Aquifer System, Galveston	9,746	9,626	9,534	9,506	9,510	9,553
	Industrial Conservation	N/A	Industrial Conservation	1,127	3,506	6,059	8,797	11,730	14,866
	Industrial Supply Reallocation	NRG	Brazos River Authority Main Stem Lake/Reservoir System	22,866	0	0	0	0	0
	New / Expanded Contract with BRA	Brazos River Authority	Allens Creek Lake/Reservoir	0	23,927	25,017	26,102	27,209	28,293
Manufacturing, Chambers	Industrial Conservation	N/A	Industrial Conservation	170	528	913	1,325	1,767	2,240
	New / Expanded Contract with City of Houston	Houston	Livingston-Wallisville Lake/Reservoir System	5,334	5,645	5,963	6,288	6,621	6,962
Manufacturing, Fort Bend	Additional Supply from GCWA	Gulf Coast Water Authority	Brazos Run-of-River, Fort Bend	215	223	239	256	275	294
	Industrial Conservation	N/A	Industrial Conservation	19	62	106	155	205	261
	New / Expanded Contract with GCWA	Gulf Coast Water Authority	Brazos Run-of-River, Fort Bend	1,489	1,528	1,568	1,606	1,648	1,688
Manufacturing, Galveston	Additional Supply from BRA	Brazos River Authority	Allens Creek Lake/Reservoir	0	2,587	2,852	3,117	3,382	3,647
	Additional Supply from GCWA	Brazos River Authority	Allens Creek Lake/Reservoir	0	3,148	5,120	7,373	9,297	11,586
		Gulf Coast Water Authority	Brazos Run-of-River, Fort Bend	11,477	10,688	9,338	7,758	6,550	5,019
	Industrial Conservation	N/A	Industrial Conservation	219	681	1,178	1,710	2,280	2,889
	Texas City Industrial Complex Reuse	Gulf Coast Water Authority	Direct Reuse, Galveston County Industries	0	11,200	11,200	11,200	11,200	11,200

Water User Group	Water Management Strategy	Seller	Supply Source	Allocated Supply Volume (ac ft)					
				2030	2040	2050	2060	2070	2080
Manufacturing, Harris	Industrial Conservation	N/A	Industrial Conservation	1,767	5,582	9,820	14,116	18,639	23,402
	New / Expanded Contract with City of Houston	Houston	Indirect Reuse, Houston	0	0	0	0	210	733
			Livingston-Wallisville Lake/Reservoir System	0	0	0	409	875	1,052
			San Jacinto Regional Return Flows	0	0	0	228	635	1,053
	New / Expanded Contract with Regional Providers	San Jacinto River Authority	San Jacinto Regional Return Flows	38,957	43,991	49,975	52,855	56,175	60,077
	SJRA Highlands System Enhancement	San Jacinto River Authority	Trinity Run-of-River, Chambers	17,610	17,610	17,610	17,610	17,610	17,610
Manufacturing, Leon	Expanded Use of Groundwater, Leon County	N/A	Carrizo-Wilcox Aquifer, Leon	0	150	150	150	150	150
	Industrial Conservation	N/A	Industrial Conservation	4	14	24	35	46	59
Manufacturing, Liberty	Industrial Conservation	N/A	Industrial Conservation	1	4	6	9	12	15
Manufacturing, Montgomery	Industrial Conservation	N/A	Industrial Conservation	10	31	54	78	104	132
	Montgomery County Supply Expansion	San Jacinto River Authority	Gulf Coast Aquifer System, Montgomery	914	1,168	1,364	1,508	1,620	1,729
Manufacturing, Walker	Industrial Conservation	N/A	Industrial Conservation	2	4	7	10	14	17
Manufacturing, Waller	Industrial Conservation	N/A	Industrial Conservation	1	2	4	6	8	10
Manvel	Additional Supply from BRA	Brazos River Authority	Allens Creek Lake/Reservoir	0	1,693	1,867	2,040	2,214	2,387
	Manvel Supply Expansion	Pearland	Brazos Run-of-River, Fort Bend	3,330	6,690	4,190	4,190	4,190	4,190
	Municipal Conservation	N/A	Municipal Conservation	32	74	123	204	254	320
Mason Creek UD	City of Houston GRP	Houston	Gulf Coast Aquifer System, Harris	0	235	232	228	247	263
	Municipal Conservation	N/A	Municipal Conservation	39	55	59	64	68	75
	Municipal Drought Mgmt.	N/A	Municipal Drought Mgmt.	0	1	1	1	1	1
Meadowcreek MUD	Missouri City GRP	Missouri City	Gulf Coast Aquifer System, Fort Bend	0	0	4	7	10	12
	Municipal Conservation	N/A	Municipal Conservation	9	14	16	18	20	22
Meadows Place	Fort Bend WCID 2 GRP	Fort Bend County WCID 2	Gulf Coast Aquifer System, Fort Bend	0	0	12	42	61	80
	Municipal Conservation	N/A	Municipal Conservation	24	35	39	45	49	56
Memorial Point UD	Municipal Conservation	N/A	Municipal Conservation	5	7	8	10	10	12
Memorial Villages Water Authority	Municipal Conservation	N/A	Municipal Conservation	148	196	220	245	254	278
	New / Expanded Contract with City of Houston	Houston	Livingston-Wallisville Lake/Reservoir System	2,450	2,445	2,815	2,958	2,868	2,843

Water User Group	Water Management Strategy	Seller	Supply Source	Allocated Supply Volume (ac ft)					
				2030	2040	2050	2060	2070	2080
Mercy WSC	Municipal Conservation	N/A	Municipal Conservation	12	17	18	19	20	22
	Water Loss Reduction	N/A	Water Loss Reduction	5	12	19	25	29	34
Mining, Austin	Expaned Use of Groundwater, Austin County	N/A	Gulf Coast Aquifer System, Austin	100	100	100	100	100	100
Mining, Brazoria	New / Expanded Contract with GCWA	Gulf Coast Water Authority	Brazos Run-of-River, Fort Bend	332	396	459	526	598	675
Mining, Harris	New / Expanded Contract with City of Houston	Houston	Livingston-Wallisville Lake/Reservoir System	2,709	2,737	2,763	2,789	2,815	2,841
Mining, Liberty	Expanded Use of Groundwater, Liberty County	N/A	Gulf Coast Aquifer System, Liberty	175	185	185	185	185	185
Mining, Montgomery	Montgomery County Supply Expansion	San Jacinto River Authority	Gulf Coast Aquifer System, Montgomery	1	7	12	18	22	28
Mining, Polk	Expanded Use of Groundwater, Polk County	N/A	Gulf Coast Aquifer System, Polk	100	100	100	100	100	100
Mining, San Jacinto	Expanded Use of Groundwater, San Jacinto County	N/A	Gulf Coast Aquifer System, San Jacinto	100	100	100	100	100	100
Missouri City	Additional Supply from GCWA	Gulf Coast Water Authority	Brazos Run-of-River, Fort Bend	5,045	5,159	5,391	5,642	5,909	6,192
	Missouri City GRP	N/A	Direct Reuse, Missouri City	579	678	725	747	786	804
	Municipal Conservation	N/A	Municipal Conservation	47	82	117	144	169	202
Mont Belvieu	Expanded Use of Groundwater, Chambers County	N/A	Gulf Coast Aquifer System, Chambers	2,000	2,000	2,000	2,693	3,722	3,036
	Municipal Conservation	N/A	Municipal Conservation	126	220	259	326	395	517
	New / Expanded Contract with City of Houston	Houston	Livingston-Wallisville Lake/Reservoir System	0	0	0	0	0	1,824
	Water Loss Reduction	N/A	Water Loss Reduction	46	167	278	459	681	953
Montgomery	Brackish Groundwater Supplies	N/A	Gulf Coast Aquifer System (Catahoula Formation), Montgomery	0	286	286	286	286	286
	Municipal Conservation	N/A	Municipal Conservation	21	42	52	58	58	62
	Water Loss Reduction	N/A	Water Loss Reduction	5	16	27	36	36	37
Montgomery County MUD 105	Montgomery County Supply Expansion	San Jacinto River Authority	Gulf Coast Aquifer System, Montgomery	1	33	60	79	92	104
	Municipal Conservation	N/A	Municipal Conservation	6	9	10	11	13	14
Montgomery County MUD 112	Montgomery County Supply Expansion	San Jacinto River Authority	Conroe Lake/Reservoir	0	0	749	836	855	1,078
			Gulf Coast Aquifer System, Montgomery	5	142	0	0	0	0
	Municipal Conservation	N/A	Municipal Conservation	24	35	41	45	47	60

Water User Group	Water Management Strategy	Seller	Supply Source	Allocated Supply Volume (ac ft)					
				2030	2040	2050	2060	2070	2080
Montgomery County MUD 115	Montgomery County Supply Expansion	San Jacinto River Authority	Gulf Coast Aquifer System, Montgomery	107	194	255	308	336	378
	Municipal Conservation	N/A	Municipal Conservation	24	35	40	44	48	54
Montgomery County MUD 119	Montgomery County Supply Expansion	San Jacinto River Authority	Conroe Lake/Reservoir	0	0	1,211	1,399	1,451	1,491
			Gulf Coast Aquifer System, Montgomery	6	221	0	0	0	0
	Municipal Conservation	N/A	Municipal Conservation	43	82	116	137	148	173
	Municipal Drought Mgmt.	N/A	Municipal Drought Mgmt.	6	12	12	12	13	13
Montgomery County MUD 126	Montgomery County Supply Expansion	San Jacinto River Authority	Gulf Coast Aquifer System, Montgomery	138	155	199	256	304	298
	Municipal Conservation	N/A	Municipal Conservation	4	8	11	14	16	17
Montgomery County MUD 127	Montgomery County Supply Expansion	San Jacinto River Authority	Gulf Coast Aquifer System, Montgomery	46	79	98	115	124	139
Montgomery County MUD 137	Montgomery County Supply Expansion	San Jacinto River Authority	Gulf Coast Aquifer System, Montgomery	0	59	111	140	157	166
	Municipal Conservation	N/A	Municipal Conservation	8	15	19	23	26	30
Montgomery County MUD 139	Montgomery County Supply Expansion	San Jacinto River Authority	Gulf Coast Aquifer System, Montgomery	2	92	161	206	239	264
	Municipal Conservation	N/A	Municipal Conservation	22	41	49	51	46	47
Montgomery County MUD 15	Montgomery County Supply Expansion	San Jacinto River Authority	Gulf Coast Aquifer System, Montgomery	173	245	293	317	337	351
	Municipal Conservation	N/A	Municipal Conservation	20	34	38	44	49	59
Montgomery County MUD 18	Montgomery County Supply Expansion	San Jacinto River Authority	Gulf Coast Aquifer System, Montgomery	0	50	135	205	268	330
	Municipal Conservation	N/A	Municipal Conservation	53	72	79	88	94	105
	Municipal Drought Mgmt.	N/A	Municipal Drought Mgmt.	0	14	14	14	14	15
	Water Loss Reduction	N/A	Water Loss Reduction	13	41	67	79	82	84
Montgomery County MUD 19	Montgomery County Supply Expansion	San Jacinto River Authority	Conroe Lake/Reservoir	0	0	572	642	643	647
			Gulf Coast Aquifer System, Montgomery	9	121	0	0	0	0
	Municipal Conservation	N/A	Municipal Conservation	15	19	20	21	20	20
Montgomery County MUD 24	Montgomery County Supply Expansion	San Jacinto River Authority	Gulf Coast Aquifer System, Montgomery	2	0	0	0	0	0
	Municipal Conservation	N/A	Municipal Conservation	6	12	15	17	17	19
	Municipal Drought Mgmt.	N/A	Municipal Drought Mgmt.	1	0	0	0	0	0

Water User Group	Water Management Strategy	Seller	Supply Source	Allocated Supply Volume (ac ft)					
				2030	2040	2050	2060	2070	2080
Montgomery County MUD 56	Montgomery County Supply Expansion	San Jacinto River Authority	Gulf Coast Aquifer System, Montgomery	1	15	29	36	41	46
	Municipal Conservation	N/A	Municipal Conservation	3	6	7	8	9	10
Montgomery County MUD 8	Montgomery County MUDs 8 and 9 Supply Expansion	N/A	Indirect Reuse, Huntsville	541	506	474	467	450	450
			Indirect Reuse, Montgomery County MUDs 8 and 9	210	233	256	261	276	295
	Municipal Conservation	N/A	Municipal Conservation	44	69	78	90	98	114
	Water Loss Reduction	N/A	Water Loss Reduction	9	27	45	62	74	77
Montgomery County MUD 83	Montgomery County Supply Expansion	San Jacinto River Authority	Gulf Coast Aquifer System, Montgomery	0	51	93	118	135	147
	Municipal Conservation	N/A	Municipal Conservation	12	18	20	22	24	28
	Municipal Drought Mgmt.	N/A	Municipal Drought Mgmt.	0	1	1	1	1	1
	Water Loss Reduction	N/A	Water Loss Reduction	4	11	18	25	31	38
Montgomery County MUD 84	Municipal Conservation	N/A	Municipal Conservation	16	23	26	30	33	38
Montgomery County MUD 88	Montgomery County Supply Expansion	San Jacinto River Authority	Conroe Lake/Reservoir	132	132	507	566	583	601
			Gulf Coast Aquifer System, Montgomery	4	99	0	0	0	0
	Municipal Conservation	N/A	Municipal Conservation	19	29	32	34	36	40
	Municipal Drought Mgmt.	N/A	Municipal Drought Mgmt.	4	4	4	4	4	4
Montgomery County MUD 89	Montgomery County Supply Expansion	San Jacinto River Authority	Conroe Lake/Reservoir	187	187	757	870	902	931
			Gulf Coast Aquifer System, Montgomery	5	146	0	0	0	0
	Municipal Conservation	N/A	Municipal Conservation	27	39	44	49	52	59
	Municipal Drought Mgmt.	N/A	Municipal Drought Mgmt.	5	6	6	7	7	7
Montgomery County MUD 9	Montgomery County MUDs 8 and 9 Supply Expansion	N/A	Gulf Coast Aquifer System (Catahoula Formation), Montgomery	682	682	682	682	682	682
			Indirect Reuse, Huntsville	608	585	559	553	533	533
			Indirect Reuse, Montgomery County MUDs 8 and 9	209	232	255	261	275	294
	Municipal Conservation	N/A	Municipal Conservation	60	86	95	107	117	133
	Water Loss Reduction	N/A	Water Loss Reduction	15	45	74	103	123	127

Water User Group	Water Management Strategy	Seller	Supply Source	Allocated Supply Volume (ac ft)					
				2030	2040	2050	2060	2070	2080
Montgomery County MUD 94	Montgomery County Supply Expansion	San Jacinto River Authority	Gulf Coast Aquifer System, Montgomery	2	127	227	292	338	381
	Municipal Conservation	N/A	Municipal Conservation	25	39	44	51	56	64
Montgomery County MUD 95	Montgomery County Supply Expansion	San Jacinto River Authority	Conroe Lake/Reservoir	0	2,128	2,097	2,131	2,118	2,103
	Municipal Conservation	N/A	Municipal Conservation	18	38	50	55	52	55
Montgomery County MUD 98	Municipal Conservation	N/A	Municipal Conservation	9	14	16	18	20	25
	New / Expanded Contract with City of Houston	Houston	Livingston-Wallisville Lake/Reservoir System	0	0	1	7	14	18
Montgomery County MUD 99	Municipal Conservation	N/A	Municipal Conservation	10	18	23	26	27	29
	Water Loss Reduction	N/A	Water Loss Reduction	2	8	14	20	25	25
Montgomery County UD 2	Montgomery County Supply Expansion	San Jacinto River Authority	Gulf Coast Aquifer System, Montgomery	6	124	179	217	246	271
	Municipal Conservation	N/A	Municipal Conservation	13	21	24	28	30	34
Montgomery County UD 3	Montgomery County Supply Expansion	San Jacinto River Authority	Gulf Coast Aquifer System, Montgomery	0	0	0	27	57	82
	Municipal Conservation	N/A	Municipal Conservation	32	52	60	69	76	88
	Water Loss Reduction	N/A	Water Loss Reduction	5	16	24	25	25	26
Montgomery County UD 4	Montgomery County Supply Expansion	San Jacinto River Authority	Gulf Coast Aquifer System, Montgomery	0	0	32	118	177	231
	Municipal Conservation	N/A	Municipal Conservation	37	58	66	75	82	94
	Water Loss Reduction	N/A	Water Loss Reduction	7	20	29	30	32	33
Montgomery County WCID 1	Montgomery County Supply Expansion	San Jacinto River Authority	Gulf Coast Aquifer System, Montgomery	0	69	125	155	178	193
	Municipal Conservation	N/A	Municipal Conservation	16	29	34	40	44	53
Morgans Point	Municipal Conservation	N/A	Municipal Conservation	4	6	7	7	7	7
Mount Houston Road MUD	City of Houston GRP	Houston	Livingston-Wallisville Lake/Reservoir System	0	585	584	580	572	564
	Municipal Conservation	N/A	Municipal Conservation	22	33	36	40	42	48
MSEC Enterprises	Montgomery County Supply Expansion	San Jacinto River Authority	Conroe Lake/Reservoir	1,207	3,357	4,181	5,294	5,474	5,825
	Municipal Conservation	N/A	Municipal Conservation	132	260	342	438	517	619
	Municipal Drought Mgmt.	N/A	Municipal Drought Mgmt.	28	35	41	44	43	44
Nassau Bay	Municipal Conservation	N/A	Municipal Conservation	35	47	52	55	54	57
	Water Loss Reduction	N/A	Water Loss Reduction	11	31	49	65	80	80

Water User Group	Water Management Strategy	Seller	Supply Source	Allocated Supply Volume (ac ft)					
				2030	2040	2050	2060	2070	2080
Needville	Municipal Conservation	N/A	Municipal Conservation	12	27	38	47	52	62
New Caney MUD	Montgomery County Supply Expansion	San Jacinto River Authority	Gulf Coast Aquifer System, Montgomery	0	247	512	700	855	931
	Municipal Conservation	N/A	Municipal Conservation	65	147	192	249	297	381
	Municipal Drought Mgmt.	N/A	Municipal Drought Mgmt.	0	31	34	36	38	37
	Water Loss Reduction	N/A	Water Loss Reduction	13	44	80	113	122	127
New Waverly	Municipal Conservation	N/A	Municipal Conservation	5	8	9	8	7	6
Newport MUD	Municipal Conservation	N/A	Municipal Conservation	55	105	121	148	171	212
Nitsch and Son Utility	City of Houston GRP	Houston	Gulf Coast Aquifer System, Harris	0	33	32	30	29	27
	Municipal Conservation	N/A	Municipal Conservation	7	11	12	14	15	17
Normangee	Municipal Conservation	N/A	Municipal Conservation	3	4	4	4	2	0
North Belt UD	City of Houston GRP	Houston	Livingston-Wallisville Lake/Reservoir System	0	598	690	729	733	742
	Municipal Conservation	N/A	Municipal Conservation	20	27	33	37	38	40
	Municipal Drought Mgmt.	N/A	Municipal Drought Mgmt.	0	1	1	1	1	1
North Channel Water Authority	Municipal Conservation	N/A	Municipal Conservation	433	930	1,081	1,273	1,375	1,576
	Municipal Drought Mgmt.	N/A	Municipal Drought Mgmt.	151	140	142	138	132	0
	New / Expanded Contract with City of Houston	Houston	Livingston-Wallisville Lake/Reservoir System	1,955	1,229	845	437	153	0
	Water Loss Reduction	N/A	Water Loss Reduction	117	345	578	794	976	1,148
North Forest MUD	City of Houston GRP	Houston	Livingston-Wallisville Lake/Reservoir System	0	151	152	151	150	153
	Municipal Conservation	N/A	Municipal Conservation	6	9	10	11	12	14

Water User Group	Water Management Strategy	Seller	Supply Source	Allocated Supply Volume (ac ft)					
				2030	2040	2050	2060	2070	2080
North Fort Bend Water Authority	Municipal Conservation	N/A	Municipal Conservation	2,229	4,603	5,557	6,876	7,606	9,053
	Municipal Drought Mgmt.	N/A	Municipal Drought Mgmt.	935	972	1,013	1,031	1,067	1,088
	NFBWA GRP	Houston	Indirect Reuse, Houston	0	51,325	51,672	50,123	47,461	45,886
			Livingston-Wallisville Lake/Reservoir System	19,279	16,728	18,731	16,729	14,367	10,951
			San Jacinto Regional Return Flows	11,354	6,426	8,508	9,346	10,425	10,967
	NFBWA Member District Reuse	N/A	Direct Reuse, North Fort Bend Water Authority	5,600	5,600	5,600	5,600	5,600	5,600
	Wastewater Reclamation for Municipal Irrigation	N/A	Direct Reuse, Master Planned Communities, Fort Bend County	213	591	870	1,108	1,290	1,471
			Direct Reuse, Master Planned Communities, Harris County	6	8	9	9	13	17
	Water Loss Reduction	N/A	Water Loss Reduction	495	1,585	2,718	3,861	4,113	4,297
North Green MUD	City of Houston GRP	Houston	Livingston-Wallisville Lake/Reservoir System	0	376	389	393	401	403
	Municipal Conservation	N/A	Municipal Conservation	12	15	16	18	19	21
North Harris County Regional Water Authority	Municipal Conservation	N/A	Municipal Conservation	4,691	9,767	11,117	13,126	13,975	16,393
	NHCRWA GRP	Houston	Indirect Reuse, Houston	0	68,746	69,132	73,390	74,279	76,962
			Livingston-Wallisville Lake/Reservoir System	42,398	51,738	53,061	44,402	36,172	26,354
		N/A	Gulf Coast Aquifer System, Harris	2,471	2,471	2,471	2,471	2,471	2,471
			San Jacinto Regional Return Flows	24,969	19,874	24,098	24,805	26,250	26,387
	NHCRWA Member District Reuse	N/A	Direct Reuse, North Harris County Regional Water Authority	300	300	300	300	300	300
	Wastewater Reclamation for Municipal Irrigation	N/A	Direct Reuse, Master Planned Communities, Harris County	342	509	732	840	1,103	1,277
North Zulch MUD	Expanded Use of Groundwater, Madison County	N/A	Queen City Aquifer, Madison	50	3	0	0	0	0
	Municipal Conservation	N/A	Municipal Conservation	10	17	19	22	24	28
	Water Loss Reduction	N/A	Water Loss Reduction	3	9	15	20	25	29
Northeast Harris County MUD 1	Municipal Conservation	N/A	Municipal Conservation	5	9	10	11	11	13
	New / Expanded Contract with City of Houston	Houston	Livingston-Wallisville Lake/Reservoir System	97	87	81	75	71	68
	Water Loss Reduction	N/A	Water Loss Reduction	3	9	14	19	24	29

Water User Group	Water Management Strategy	Seller	Supply Source	Allocated Supply Volume (ac ft)					
				2030	2040	2050	2060	2070	2080
Northwest Harris County MUD 16	City of Houston GRP	Houston	Gulf Coast Aquifer System, Harris	0	80	79	81	94	101
	Municipal Conservation	N/A	Municipal Conservation	16	25	28	30	32	37
Oak Hollow Utility	Municipal Conservation	N/A	Municipal Conservation	7	11	12	14	15	18
Oak Ridge North	Montgomery County Supply Expansion	San Jacinto River Authority	Conroe Lake/Reservoir	79	272	278	379	355	335
	Municipal Conservation	N/A	Municipal Conservation	16	31	39	45	43	45
	Municipal Drought Mgmt.	N/A	Municipal Drought Mgmt.	0	19	19	20	19	18
	Water Loss Reduction	N/A	Water Loss Reduction	10	35	59	88	108	126
Onalaska WSC	Municipal Conservation	N/A	Municipal Conservation	15	28	32	39	44	55
One Five O WSC	Municipal Conservation	N/A	Municipal Conservation	9	15	16	18	20	23
	Water Loss Reduction	N/A	Water Loss Reduction	3	9	15	19	23	26
Oyster Creek	BWSC Reservoir and Pump Station Expansion	Brazosport Water Authority	Harris Reservoir	13	13	13	13	13	13
	Municipal Conservation	N/A	Municipal Conservation	8	12	13	14	13	13
	Water Loss Reduction	N/A	Water Loss Reduction	6	17	27	35	42	46
P B & S C WSC	Municipal Conservation	N/A	Municipal Conservation	8	12	13	14	14	16
Palmer Plantation MUD 1	Missouri City GRP	Missouri City	Gulf Coast Aquifer System, Fort Bend	0	1	1	1	4	15
	Municipal Conservation	N/A	Municipal Conservation	12	17	18	19	20	23
	Water Loss Reduction	N/A	Water Loss Reduction	1	1	1	1	1	1
Palmer Plantation MUD 2	Municipal Conservation	N/A	Municipal Conservation	10	16	17	19	21	24
	Water Loss Reduction	N/A	Water Loss Reduction	1	1	1	1	1	1
Panorama Village	Brackish Groundwater Supplies	N/A	Gulf Coast Aquifer System (Catahoula Formation), Montgomery	0	0	48	48	48	52
	Municipal Conservation	N/A	Municipal Conservation	20	28	31	35	38	44
	Water Loss Reduction	N/A	Water Loss Reduction	4	12	17	18	18	19
Parkway MUD	Municipal Conservation	N/A	Municipal Conservation	20	35	39	44	48	57
Pasadena	Municipal Conservation	N/A	Municipal Conservation	674	1,422	1,599	1,830	1,860	2,099
	Pasadena Infrastructure Expansion	N/A	Livingston-Wallisville Lake/Reservoir System	16,800	16,800	16,800	16,800	16,800	16,800

Water User Group	Water Management Strategy	Seller	Supply Source	Allocated Supply Volume (ac ft)					
				2030	2040	2050	2060	2070	2080
Pattison WSC	Municipal Conservation	N/A	Municipal Conservation	7	10	12	13	14	16
	Water Loss Reduction	N/A	Water Loss Reduction	5	14	23	32	40	48
Patton Village	Montgomery County Supply Expansion	San Jacinto River Authority	Gulf Coast Aquifer System, Montgomery	0	7	19	31	35	36
	Municipal Conservation	N/A	Municipal Conservation	4	8	11	16	19	24
Pearland	Additional Supply from GCWA	Gulf Coast Water Authority	Brazos Run-of-River, Fort Bend	2,018	2,064	2,156	2,257	2,364	2,477
	City of Pearland Reuse	N/A	Direct Reuse, Pearland	0	314	1,154	1,154	1,154	1,154
	Municipal Conservation	N/A	Municipal Conservation	725	1,588	1,885	2,271	2,441	2,853
	Pearland SWTP	N/A	BRA System Operations Permit Supply	1,977	1,822	1,668	1,511	1,356	1,201
			Brazos River Authority Main Stem Lake/Reservoir System	1,141	1,286	1,383	1,473	1,555	1,633
			Brazos Run-of-River, Fort Bend	12,784	9,388	9,353	9,319	9,285	9,249
	Water Loss Reduction	N/A	Water Loss Reduction	158	500	824	1,142	1,332	1,353
Pecan Grove MUD 1	Additional Supply from BRA	Brazos River Authority	Allens Creek Lake/Reservoir	0	5	29	52	73	93
	Additional Supply from GCWA	Gulf Coast Water Authority	Brazos Run-of-River, Fort Bend	317	329	352	377	404	432
	Municipal Conservation	N/A	Municipal Conservation	85	150	173	202	228	266
	Water Loss Reduction	N/A	Water Loss Reduction	16	50	61	62	62	63
Phelps SUD	Municipal Conservation	N/A	Municipal Conservation	6	10	12	13	15	18
Pine Village PUD	City of Houston GRP	Houston	Livingston-Wallisville Lake/Reservoir System	0	169	169	169	169	169
	Municipal Conservation	N/A	Municipal Conservation	9	15	16	18	20	23
Pinehurst Decker Prairie WSC	Montgomery County Supply Expansion	San Jacinto River Authority	Gulf Coast Aquifer System, Montgomery	0	19	40	58	66	72
	Municipal Conservation	N/A	Municipal Conservation	5	9	12	16	20	24
	Water Loss Reduction	N/A	Water Loss Reduction	2	8	15	24	32	39
Pinewood Community	Municipal Conservation	N/A	Municipal Conservation	3	5	6	7	7	9
	NHCRWA GRP	North Harris County Regional Water Authority	Gulf Coast Aquifer System, Harris	0	14	14	15	18	16
Plantation MUD	Municipal Conservation	N/A	Municipal Conservation	13	22	25	29	32	38
	Sugar Land IWRP	Sugar Land	Gulf Coast Aquifer System, Fort Bend	0	0	13	16	19	26
	Water Loss Reduction	N/A	Water Loss Reduction	1	1	1	1	1	1

Water User Group	Water Management Strategy	Seller	Supply Source	Allocated Supply Volume (ac ft)					
				2030	2040	2050	2060	2070	2080
Point Aquarius MUD	Montgomery County Supply Expansion	San Jacinto River Authority	Gulf Coast Aquifer System, Montgomery	0	0	29	60	80	99
	Municipal Conservation	N/A	Municipal Conservation	17	28	35	43	48	56
Porter SUD	Montgomery County Supply Expansion	San Jacinto River Authority	Gulf Coast Aquifer System, Montgomery	315	1,182	1,891	2,373	2,734	3,062
	Municipal Conservation	N/A	Municipal Conservation	92	201	254	318	366	460
Prairie View	Municipal Conservation	N/A	Municipal Conservation	25	40	47	56	64	74
Prairie View A&M University	Municipal Conservation	N/A	Municipal Conservation	33	61	68	79	87	106
Providence WSC	Municipal Conservation	N/A	Municipal Conservation	11	17	18	19	20	21
Quadvest	Expanded Use of Groundwater, Liberty County	N/A	Gulf Coast Aquifer System, Liberty	0	450	450	450	725	725
	Montgomery County Supply Expansion	San Jacinto River Authority	Gulf Coast Aquifer System, Montgomery	2	902	1,832	2,441	2,809	3,189
	Municipal Conservation	N/A	Municipal Conservation	242	486	636	828	1,022	1,278
	NFBWA GRP	North Fort Bend Water Authority	Gulf Coast Aquifer System, Fort Bend	0	144	331	485	596	648
	NHCRWA GRP	North Harris County Regional Water Authority	Gulf Coast Aquifer System, Harris	0	4	9	9	8	8
	Rosenberg GRP	Rosenberg	Gulf Coast Aquifer System, Fort Bend	0	165	341	498	619	693
Quail Valley UD	Missouri City GRP	Missouri City	Direct Reuse, Quail Valley UD	59	84	94	140	164	188
	Municipal Conservation	N/A	Municipal Conservation	60	109	123	146	169	201
	Water Loss Reduction	N/A	Water Loss Reduction	14	40	64	91	107	111
Ranch Crest Water	Montgomery County Supply Expansion	San Jacinto River Authority	Gulf Coast Aquifer System, Montgomery	1	34	60	75	85	95
	Municipal Conservation	N/A	Municipal Conservation	6	9	11	12	13	14
Rayford Road MUD	Montgomery County Supply Expansion	San Jacinto River Authority	Conroe Lake/Reservoir	267	780	825	1,008	1,052	1,091
	Municipal Conservation	N/A	Municipal Conservation	53	81	91	101	106	119
Raywood WSC	Municipal Conservation	N/A	Municipal Conservation	5	8	8	10	11	14
	Water Loss Reduction	N/A	Water Loss Reduction	2	5	9	12	16	20
Richmond	Additional Supply from BRA	Brazos River Authority	Allens Creek Lake/Reservoir	0	18	118	230	353	487
	Municipal Conservation	N/A	Municipal Conservation	89	160	188	216	238	279
	Richmond GRP	N/A	BRA System Operations Permit Supply	1,195	1,091	941	884	806	771
			Brazos River Authority Main Stem Lake/Reservoir System	84	325	491	644	786	917

Water User Group	Water Management Strategy	Seller	Supply Source	Allocated Supply Volume (ac ft)					
				2030	2040	2050	2060	2070	2080
Richwood	BWSC Reservoir and Pump Station Expansion	Brazosport Water Authority	Harris Reservoir	224	224	224	224	224	224
	Municipal Conservation	N/A	Municipal Conservation	14	22	23	26	27	31
	Municipal Drought Mgmt.	N/A	Municipal Drought Mgmt.	2	2	2	0	0	0
River Plantation MUD	Montgomery County Supply Expansion	San Jacinto River Authority	Gulf Coast Aquifer System, Montgomery	0	45	135	256	281	307
	Municipal Conservation	N/A	Municipal Conservation	18	30	38	50	54	60
	River Plantation Reuse	N/A	Direct Reuse, River Plantation MUD	25	25	25	25	25	25
Riverside SUD	Municipal Conservation	N/A	Municipal Conservation	18	31	37	45	53	67
	Water Loss Reduction	N/A	Water Loss Reduction	8	24	41	59	79	101
Rolling Fork PUD	Municipal Conservation	N/A	Municipal Conservation	12	17	20	22	22	24
	New / Expanded Contract with City of Houston	Houston	Livingston-Wallisville Lake/Reservoir System	25	109	117	120	116	114
Roman Forest Consolidated MUD	Montgomery County Supply Expansion	San Jacinto River Authority	Gulf Coast Aquifer System, Montgomery	0	36	79	125	151	159
	Municipal Conservation	N/A	Municipal Conservation	8	14	20	29	35	41
	Municipal Drought Mgmt.	N/A	Municipal Drought Mgmt.	0	4	5	6	7	6
	Water Loss Reduction	N/A	Water Loss Reduction	2	8	17	29	39	46
Rosenberg	Additional Supply from BRA	Brazos River Authority	Allens Creek Lake/Reservoir	0	32	186	332	470	601
	Municipal Conservation	N/A	Municipal Conservation	192	417	551	711	828	1,051
	Municipal Drought Mgmt.	N/A	Municipal Drought Mgmt.	23	24	26	25	24	21
	Rosenberg GRP	N/A	Brazos River Authority Main Stem Lake/Reservoir System	0	0	1,105	1,970	2,672	3,199
			Brazos Run-of-River, Brazoria	1,826	2,872	2,765	2,632	2,514	2,456
	Water Loss Reduction	N/A	Water Loss Reduction	53	185	344	506	663	818
Royal Valley Utilities	Municipal Conservation	N/A	Municipal Conservation	22	30	33	39	42	48
	NFBWA GRP	North Fort Bend Water Authority	Gulf Coast Aquifer System, Fort Bend	0	27	50	129	143	172
	Sugar Land IWRP	Sugar Land	Gulf Coast Aquifer System, Fort Bend	0	32	45	92	101	120
Sagemeadow UD	Municipal Conservation	N/A	Municipal Conservation	25	37	40	45	48	57
San Jacinto SUD	Municipal Conservation	N/A	Municipal Conservation	11	18	20	22	23	27

Water User Group	Water Management Strategy	Seller	Supply Source	Allocated Supply Volume (ac ft)					
				2030	2040	2050	2060	2070	2080
San Leon MUD	GCWA Coastal Desalination	Gulf Coast Water Authority	Gulf of Mexico	0	368	385	402	422	442
	Municipal Conservation	N/A	Municipal Conservation	27	43	49	56	61	72
Seabrook	Municipal Conservation	N/A	Municipal Conservation	63	111	124	144	160	186
Sealy	Municipal Conservation	N/A	Municipal Conservation	38	60	71	76	74	78
Sedona Lakes MUD 1	Manvel Supply Expansion	Pearland	Brazos Run-of-River, Fort Bend	50	50	50	50	50	50
	Municipal Conservation	N/A	Municipal Conservation	9	13	15	18	19	22
Sequoia Improvement District	City of Houston GRP	Houston	Gulf Coast Aquifer System, Harris	0	16	13	10	7	4
	Municipal Conservation	N/A	Municipal Conservation	4	7	7	8	8	9
	Water Loss Reduction	N/A	Water Loss Reduction	2	4	7	9	11	13
Shenandoah	Montgomery County Supply Expansion	San Jacinto River Authority	Gulf Coast Aquifer System, Montgomery	9	382	661	878	1,016	1,133
	Municipal Conservation	N/A	Municipal Conservation	54	90	108	115	106	105
	Water Loss Reduction	N/A	Water Loss Reduction	14	48	79	82	83	83
Shepherd	Municipal Conservation	N/A	Municipal Conservation	11	17	18	20	20	22
Shoreacres	Municipal Conservation	N/A	Municipal Conservation	10	14	15	16	17	19
	Water Loss Reduction	N/A	Water Loss Reduction	8	23	37	50	62	72
Sienna Plantation	Missouri City GRP	Missouri City	Direct Reuse, Sienna Plantation	2,706	2,785	2,903	2,955	3,013	3,092
	Municipal Conservation	N/A	Municipal Conservation	217	356	401	468	535	632
Soda WSC	Municipal Conservation	N/A	Municipal Conservation	7	12	14	17	19	23
	Water Loss Reduction	N/A	Water Loss Reduction	3	10	16	24	30	37
South Cleveland WSC	Expanded Use of Groundwater, Liberty County	N/A	Gulf Coast Aquifer System, Liberty	0	0	0	650	650	650
	Municipal Conservation	N/A	Municipal Conservation	19	43	77	114	153	218
	Water Loss Reduction	N/A	Water Loss Reduction	3	7	9	11	14	16
South Houston	Municipal Conservation	N/A	Municipal Conservation	52	105	125	134	132	149
Southeast WSC	Municipal Conservation	N/A	Municipal Conservation	11	18	20	22	24	28
Southern Montgomery County MUD	Montgomery County Supply Expansion	San Jacinto River Authority	Conroe Lake/Reservoir	0	224	218	321	349	352
	Municipal Conservation	N/A	Municipal Conservation	32	51	76	94	99	119

Water User Group	Water Management Strategy	Seller	Supply Source	Allocated Supply Volume (ac ft)					
				2030	2040	2050	2060	2070	2080
Southern Water	City of Houston GRP	Houston	Gulf Coast Aquifer System, Harris	0	66	82	89	78	72
	Municipal Conservation	N/A	Municipal Conservation	15	24	27	31	33	38
	Water Loss Reduction	N/A	Water Loss Reduction	3	8	10	10	10	10
Southside Place	Municipal Conservation	N/A	Municipal Conservation	8	13	14	15	15	16
	Water Loss Reduction	N/A	Water Loss Reduction	2	5	9	10	10	10
Southwest Harris County MUD 1	Municipal Conservation	N/A	Municipal Conservation	5	3	3	4	3	4
Splendora	Expanded Use of Groundwater, Liberty County	N/A	Gulf Coast Aquifer System, Liberty	500	500	1,500	1,500	1,500	1,500
	Municipal Conservation	N/A	Municipal Conservation	42	100	140	204	271	361
	Water Loss Reduction	N/A	Water Loss Reduction	14	50	100	169	243	289
Spring Creek UD	Montgomery County Supply Expansion	San Jacinto River Authority	Conroe Lake/Reservoir	241	241	938	1,070	1,090	1,090
			Gulf Coast Aquifer System, Montgomery	0	150	0	0	0	0
	Municipal Conservation	N/A	Municipal Conservation	45	91	105	125	142	176
Spring Meadows MUD	Municipal Conservation	N/A	Municipal Conservation	12	23	27	31	33	39
Spring Valley	Municipal Conservation	N/A	Municipal Conservation	34	51	56	61	62	68
	Water Loss Reduction	N/A	Water Loss Reduction	8	24	38	51	54	54
Stanley Lake MUD	Brackish Groundwater Supplies	N/A	Gulf Coast Aquifer System (Catahoula Formation), Montgomery	0	27	65	96	119	143
	Municipal Conservation	N/A	Municipal Conservation	23	34	39	42	44	49
Steam-Electric Power, Austin	Expaned Use of Groundwater, Austin County	N/A	Gulf Coast Aquifer System, Austin	900	900	900	900	900	900
Steam-Electric Power, Fort Bend	Additional Supply from BRA	Brazos River Authority	Allens Creek Lake/Reservoir	0	590	3,434	6,122	8,668	11,082
Steam-Electric Power, Harris	New / Expanded Contract with City of Houston	Houston	Livingston-Wallisville Lake/Reservoir System	14,835	14,835	14,835	14,835	14,835	14,835
Steam-Electric Power, Montgomery	Montgomery County Supply Expansion	San Jacinto River Authority	Conroe Lake/Reservoir	2,240	2,240	2,240	2,240	902	0
			Gulf Coast Aquifer System, Montgomery	315	501	631	711	758	801
Suburban Utility	City of Houston GRP	Houston	Gulf Coast Aquifer System, Harris	0	0	105	115	105	89
	Municipal Conservation	N/A	Municipal Conservation	18	28	36	45	50	59
	Water Loss Reduction	N/A	Water Loss Reduction	7	20	40	56	70	82

Water User Group	Water Management Strategy	Seller	Supply Source	Allocated Supply Volume (ac ft)					
				2030	2040	2050	2060	2070	2080
Sugar Land	Additional Supply from BRA	Brazos River Authority	Allens Creek Lake/Reservoir	0	54	345	672	1,033	1,424
	Additional Supply from GCWA	Gulf Coast Water Authority	Brazos Run-of-River, Fort Bend	2,692	2,790	2,990	3,205	3,434	3,677
	Municipal Conservation	N/A	Municipal Conservation	2,169	2,971	3,194	3,483	3,563	3,894
	Sugar Land IWRP	N/A	Brazos River Authority Main Stem Lake/Reservoir System	2,160	2,380	2,539	2,664	2,905	3,045
			Direct Reuse, Sugar Land	1,232	1,680	1,680	1,680	1,680	1,680
Sunbelt FWSD	City of Houston GRP	Houston	Livingston-Wallisville Lake/Reservoir System	0	1,600	1,600	1,600	1,600	1,600
	Municipal Conservation	N/A	Municipal Conservation	94	188	213	250	274	329
	Water Loss Reduction	N/A	Water Loss Reduction	21	62	100	135	164	175
Surfside Beach	Municipal Conservation	N/A	Municipal Conservation	9	19	22	23	21	20
Sweeny	Municipal Conservation	N/A	Municipal Conservation	17	27	30	32	32	34
T & W Water Service	Montgomery County Supply Expansion	San Jacinto River Authority	Conroe Lake/Reservoir	0	0	1,603	1,932	2,033	2,007
			Gulf Coast Aquifer System, Montgomery	0	223	0	0	0	0
	Municipal Conservation	N/A	Municipal Conservation	90	182	293	406	524	672
Tarkington SUD	Municipal Conservation	N/A	Municipal Conservation	17	27	30	34	37	44
	Water Loss Reduction	N/A	Water Loss Reduction	3	8	8	9	9	9
TDCJ Darrington Unit	BWSC Reservoir and Pump Station Expansion	Brazosport Water Authority	Harris Reservoir	41	68	75	80	82	80
	Municipal Conservation	N/A	Municipal Conservation	19	23	23	25	25	27
TDCJ Ferguson Unit	Expanded Use of Groundwater, Madison County	N/A	Queen City Aquifer, Madison	154	29	0	0	0	0
			Yegua-Jackson Aquifer, Madison	14	0	0	0	0	0
	Municipal Conservation	N/A	Municipal Conservation	27	32	33	35	37	39
TDCJ Jester Units	Municipal Conservation	N/A	Municipal Conservation	14	17	18	19	20	22
TDCJ Ramsey Area	BWSC Reservoir and Pump Station Expansion	Brazosport Water Authority	Harris Reservoir	250	250	250	250	250	250
	Municipal Conservation	N/A	Municipal Conservation	70	87	91	97	102	111
	Municipal Drought Mgmt.	N/A	Municipal Drought Mgmt.	11	11	11	11	11	11
Tempe WSC 1	Municipal Conservation	N/A	Municipal Conservation	8	14	16	16	17	18

Water User Group	Water Management Strategy	Seller	Supply Source	Allocated Supply Volume (ac ft)					
				2030	2040	2050	2060	2070	2080
Texas City	Additional Supply from GCWA	Gulf Coast Water Authority	Brazos Run-of-River, Fort Bend	9,744	9,744	9,744	9,744	9,744	9,744
	GCWA Coastal Desalination	Gulf Coast Water Authority	Gulf of Mexico	0	2,374	2,481	2,597	2,720	2,849
	Municipal Conservation	N/A	Municipal Conservation	242	452	517	602	661	794
	Water Loss Reduction	N/A	Water Loss Reduction	56	165	269	366	407	411
The Commons Water Supply	City of Houston GRP	Houston	Gulf Coast Aquifer System, Harris	0	69	59	51	44	37
	Municipal Conservation	N/A	Municipal Conservation	15	21	23	25	26	29
	Water Loss Reduction	N/A	Water Loss Reduction	4	12	20	26	32	36
The Woodlands	Montgomery County Supply Expansion	San Jacinto River Authority	Conroe Lake/Reservoir	1,746	8,437	8,579	10,597	11,536	13,614
	Municipal Conservation	N/A	Municipal Conservation	289	1,289	1,569	1,788	1,662	1,983
	Municipal Drought Mgmt.	N/A	Municipal Drought Mgmt.	23	397	397	393	411	451
	Water Loss Reduction	N/A	Water Loss Reduction	169	505	822	1,108	1,207	1,332
Thunderbird UD	Missouri City GRP	Missouri City	Gulf Coast Aquifer System, Fort Bend	0	19	46	53	64	86
	Municipal Conservation	N/A	Municipal Conservation	26	41	47	53	55	62
Tomball	Municipal Conservation	N/A	Municipal Conservation	124	268	332	373	343	378
	NHCRWA GRP	Houston	Livingston-Wallisville Lake/Reservoir System	2,471	3,202	3,569	3,685	3,979	4,048
	Water Loss Reduction	N/A	Water Loss Reduction	29	89	161	226	242	248
Trail of the Lakes MUD	Municipal Conservation	N/A	Municipal Conservation	38	71	80	94	107	131
	WHCRWA GRP	Houston	Livingston-Wallisville Lake/Reservoir System	0	1,172	1,207	1,225	1,264	1,273
Trinity	Municipal Conservation	N/A	Municipal Conservation	13	20	21	22	23	26
Trinity Bay Conservation District	Municipal Conservation	N/A	Municipal Conservation	73	148	183	242	369	481
	Water Loss Reduction	N/A	Water Loss Reduction	27	80	139	194	254	316
Trinity Rural WSC	Municipal Conservation	N/A	Municipal Conservation	12	18	18	19	20	22
Valley Ranch MUD 1	Montgomery County Supply Expansion	San Jacinto River Authority	Gulf Coast Aquifer System, Montgomery	27	0	0	0	0	0
	Municipal Conservation	N/A	Municipal Conservation	12	21	25	29	32	39
	Municipal Drought Mgmt.	N/A	Municipal Drought Mgmt.	9	0	0	0	0	0
Varner Creek UD	Municipal Conservation	N/A	Municipal Conservation	11	18	19	21	22	24

Water User Group	Water Management Strategy	Seller	Supply Source	Allocated Supply Volume (ac ft)					
				2030	2040	2050	2060	2070	2080
Walker County SUD	Expanded Use of Groundwater, Walker County	N/A	Gulf Coast Aquifer System, Walker	100	100	100	100	100	100
	Municipal Conservation	N/A	Municipal Conservation	37	63	93	121	148	197
Waller	Expanded Use of Groundwater, Waller County	N/A	Gulf Coast Aquifer System, Waller	1,500	2,000	2,000	2,000	2,000	2,000
	Municipal Conservation	N/A	Municipal Conservation	18	31	37	41	44	49
Wallis	Municipal Conservation	N/A	Municipal Conservation	5	9	9	11	12	14
Waterwood MUD 1	Municipal Conservation	N/A	Municipal Conservation	5	8	8	9	9	10
Webster	Municipal Conservation	N/A	Municipal Conservation	80	186	217	219	168	172
	Southeast Transmission Line Expansion	N/A	Livingston-Wallisville Lake/Reservoir System	90	90	90	90	90	90
	Water Loss Reduction	N/A	Water Loss Reduction	28	82	130	174	215	250
West Columbia	Municipal Conservation	N/A	Municipal Conservation	15	26	28	31	33	39
	Water Loss Reduction	N/A	Water Loss Reduction	3	3	3	3	3	3
West End WSC	Municipal Conservation	N/A	Municipal Conservation	4	6	7	8	8	10
	Water Loss Reduction	N/A	Water Loss Reduction	2	7	12	15	19	22
West Harris County MUD 6	City of Houston GRP	Houston	Gulf Coast Aquifer System, Harris	0	67	65	63	64	65
	Municipal Conservation	N/A	Municipal Conservation	9	11	12	13	13	15
West Harris County Regional Water Authority	Municipal Conservation	N/A	Municipal Conservation	2,545	5,722	6,519	7,473	8,081	9,469
	Municipal Drought Mgmt.	N/A	Municipal Drought Mgmt.	771	730	721	705	715	708
	Wastewater Reclamation for Municipal Irrigation	N/A	Direct Reuse, Master Planned Communities, Fort Bend County	4	6	11	15	19	23
			Direct Reuse, Master Planned Communities, Harris County	205	396	442	467	614	755
	WHCRWA GRP	Houston	Indirect Reuse, Houston	0	63,573	68,097	67,798	64,508	61,163
			Livingston-Wallisville Lake/Reservoir System	16,324	18,741	18,621	15,260	12,480	9,175
			San Jacinto Regional Return Flows	9,614	7,198	8,457	8,524	9,056	9,186
West University Place	Municipal Conservation	N/A	Municipal Conservation	96	168	186	212	235	266
	Water Loss Reduction	N/A	Water Loss Reduction	15	24	24	24	23	23
	West University Place Infrastructure Expansion	N/A	Livingston-Wallisville Lake/Reservoir System	850	850	850	850	850	850

Water User Group	Water Management Strategy	Seller	Supply Source	Allocated Supply Volume (ac ft)					
				2030	2040	2050	2060	2070	2080
Westfield Garden Park	Municipal Conservation	N/A	Municipal Conservation	3	4	4	4	5	5
	New / Expanded Contract with City of Houston	Houston	Livingston-Wallisville Lake/Reservoir System	50	66	66	66	65	65
Westwood North WSC	Montgomery County Supply Expansion	San Jacinto River Authority	Conroe Lake/Reservoir	0	0	545	615	614	721
			Gulf Coast Aquifer System, Montgomery	3	95	0	0	0	0
	Municipal Conservation	N/A	Municipal Conservation	17	26	31	35	36	44
Westwood Shores MUD	Municipal Conservation	N/A	Municipal Conservation	5	9	10	10	10	11
	Water Loss Reduction	N/A	Water Loss Reduction	1	2	4	5	5	6
	Westwood Shores MUD Reuse	N/A	Direct Reuse, Westwood Shores MUD	150	150	150	150	150	150
White Oak WSC	Montgomery County Supply Expansion	San Jacinto River Authority	Gulf Coast Aquifer System, Montgomery	0	27	51	74	87	102
	Municipal Conservation	N/A	Municipal Conservation	5	10	12	16	19	24
Willis	Municipal Conservation	N/A	Municipal Conservation	30	53	58	63	70	85
	Water Loss Reduction	N/A	Water Loss Reduction	9	26	44	62	80	96
Willow Creek Farms MUD	Municipal Conservation	N/A	Municipal Conservation	26	37	45	53	56	61
	Water Loss Reduction	N/A	Water Loss Reduction	1	1	1	1	1	1
Windfern Forest Utility District	Municipal Conservation	N/A	Municipal Conservation	23	31	33	37	39	43
	New / Expanded Contract with City of Houston	Houston	Livingston-Wallisville Lake/Reservoir System	471	626	636	638	628	623
Wood Branch Village	Montgomery County Supply Expansion	San Jacinto River Authority	Gulf Coast Aquifer System, Montgomery	0	33	74	123	140	153
	Municipal Conservation	N/A	Municipal Conservation	6	12	16	24	28	35
Wood Trace MUD 1	Montgomery County Supply Expansion	San Jacinto River Authority	Gulf Coast Aquifer System, Montgomery	0	20	48	69	78	89
	Municipal Conservation	N/A	Municipal Conservation	8	16	16	16	19	23
Woodcreek MUD	City of Houston GRP	Houston	Livingston-Wallisville Lake/Reservoir System	0	383	382	380	379	377
	Municipal Conservation	N/A	Municipal Conservation	14	20	21	23	24	26
Woodland Oaks Utility	Montgomery County Supply Expansion	San Jacinto River Authority	Conroe Lake/Reservoir	0	0	329	386	401	409
			Gulf Coast Aquifer System, Montgomery	0	55	0	0	0	0
	Municipal Conservation	N/A	Municipal Conservation	13	22	26	32	37	45

Water User Group	Water Management Strategy	Seller	Supply Source	Allocated Supply Volume (ac ft)					
				2030	2040	2050	2060	2070	2080
Woodridge MUD	Montgomery County Supply Expansion	San Jacinto River Authority	Gulf Coast Aquifer System, Montgomery	13	0	0	0	0	0
	Municipal Conservation	N/A	Municipal Conservation	6	11	13	16	18	22
	Municipal Drought Mgmt.	N/A	Municipal Drought Mgmt.	1	0	0	0	0	0

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Table 5-A9 – Source Water Balance After WMS Allocation

Source	Reg	County	Basin	Total Existing and WMS Allocations from Source (ac ft)[1]						Unallocated Source Balance (ac ft)					
				2030	2040	2050	2060	2070	2080	2030	2040	2050	2060	2070	2080
Allens Creek Lake/Reservoir	H	Reservoir	Brazos	0	99,650	99,650	99,650	99,650	99,650	0	0	0	0	0	0
Anahuac Lake/Reservoir	H	Reservoir	Trinity	0	0	0	0	0	0	0	0	0	0	0	0
Brazoria Lake/Reservoir	H	Reservoir	Brazos	0	0	0	0	0	0	0	0	0	0	0	0
Brazos River Alluvium Aquifer	H	Austin	Brazos	0	0	0	0	0	0	7,944	7,944	7,944	7,944	7,944	7,944
Brazos River Alluvium Aquifer	H	Waller	Brazos	868	868	868	868	868	868	11,159	11,159	11,159	11,159	11,159	11,159
Brazos Run-of-River	H	Brazoria	Brazos	175,343	173,814	172,284	170,755	169,225	167,696	0	0	0	0	0	0
Brazos Run-of-River	H	Fort Bend	Brazos	280,855	279,958	279,060	278,163	277,265	276,368	0	0	0	0	0	0
Brazos Run-of-River	H	Waller	Brazos	44	44	44	44	44	44	0	0	0	0	0	0
Brazos-Colorado Run-of-River	H	Brazoria	Brazos-Colorado	11,730	11,730	11,730	11,730	11,730	11,730	0	0	0	0	0	0
Carrizo-Wilcox Aquifer	H	Leon	Brazos	1,386	1,399	1,419	1,428	1,439	1,454	1,197	1,587	1,970	2,364	2,716	2,701
Carrizo-Wilcox Aquifer	H	Leon	Trinity	4,343	4,377	4,271	4,201	4,128	4,055	2,624	3,729	4,975	6,186	7,285	7,358
Carrizo-Wilcox Aquifer	H	Madison	Brazos	0	0	0	0	0	0	0	0	0	0	0	0
Carrizo-Wilcox Aquifer	H	Madison	Trinity	0	0	0	0	0	0	0	0	0	0	0	0
Carrizo-Wilcox Aquifer	H	Trinity	Trinity	0	0	0	0	0	0	1	1	1	1	1	1
Carrizo-Wilcox Aquifer	H	Walker	Trinity	0	0	0	0	0	0	2,099	2,099	2,099	2,099	2,099	2,099
Cedar Bayou Generating Pond Lake/Reservoir	H	Reservoir	Trinity-San Jacinto	0	0	0	0	0	0	0	0	0	0	0	0
Conroe Lake/Reservoir	H	Reservoir	San Jacinto	80,000	79,350	78,700	78,100	77,500	76,850	0	0	0	0	0	0
Direct Reuse, Alvin	H	Brazoria	San Jacinto-Brazos	81	81	81	81	81	81	0	0	0	0	0	0
Direct Reuse, Bacliff MUD	H	Galveston	San Jacinto-Brazos	68	68	68	68	68	68	0	0	0	0	0	0
Direct Reuse, Blue Ridge West MUD	H	Fort Bend	San Jacinto	9	9	9	9	9	9	0	0	0	0	0	0
Direct Reuse, Brazoria County MUD 3	H	Brazoria	San Jacinto-Brazos	9	9	9	9	9	9	0	0	0	0	0	0
Direct Reuse, Chimney Hill MUD	H	Harris	San Jacinto	69	69	69	69	69	69	0	0	0	0	0	0

Source	Reg	County	Basin	Total Existing and WMS Allocations from Source (ac ft)[1]						Unallocated Source Balance (ac ft)					
				2030	2040	2050	2060	2070	2080	2030	2040	2050	2060	2070	2080
Direct Reuse, Clear Lake City Water Authority	H	Harris	San Jacinto-Brazos	436	436	436	436	436	436	0	0	0	0	0	0
Direct Reuse, Corinthian Point MUD 2	H	Montgomery	San Jacinto	13	13	13	13	13	13	0	0	0	0	0	0
Direct Reuse, County-Other, Fort Bend	H	Fort Bend	Brazos	458	458	458	458	458	458	0	0	0	0	0	0
Direct Reuse, County-Other, Montgomery	H	Montgomery	San Jacinto	224	847	1,474	1,961	2,329	2,579	0	0	0	0	0	0
Direct Reuse, Dow Chemical USA	H	Brazoria	San Jacinto-Brazos	3,300	3,300	3,300	3,300	3,300	3,300	0	0	0	0	0	0
Direct Reuse, Forest Hills MUD	H	Harris	San Jacinto	34	34	34	34	34	34	0	0	0	0	0	0
Direct Reuse, Fort Bend County MUD 128	H	Fort Bend	San Jacinto-Brazos	411	411	411	411	411	411	0	0	0	0	0	0
Direct Reuse, Fort Bend County MUD 25	H	Fort Bend	San Jacinto-Brazos	589	589	589	589	589	589	0	0	0	0	0	0
Direct Reuse, Freeport	H	Brazoria	San Jacinto-Brazos	22	22	22	22	22	22	0	0	0	0	0	0
Direct Reuse, Galveston County Industries	H	Galveston	San Jacinto-Brazos	0	11,200	11,200	11,200	11,200	11,200	0	0	0	0	0	0
Direct Reuse, Galveston County WCID 1	H	Galveston	San Jacinto-Brazos	424	424	424	424	424	424	0	0	0	0	0	0
Direct Reuse, Galveston County WCID 8	H	Galveston	San Jacinto-Brazos	161	161	161	161	161	161	0	0	0	0	0	0
Direct Reuse, Harris County MUD 11	H	Harris	San Jacinto	45	45	45	45	45	45	0	0	0	0	0	0
Direct Reuse, Harris County MUD 278	H	Harris	San Jacinto	9	9	9	9	9	9	0	0	0	0	0	0
Direct Reuse, Harris County WCID 89	H	Harris	San Jacinto-Brazos	9	9	9	9	9	9	0	0	0	0	0	0
Direct Reuse, Harris County WCID 96	H	Harris	San Jacinto	83	83	83	83	83	83	0	0	0	0	0	0
Direct Reuse, La Porte	H	Harris	San Jacinto-Brazos	773	773	773	773	773	773	0	0	0	0	0	0
Direct Reuse, Lazy River Improvement District	H	Montgomery	San Jacinto	17	17	17	17	17	17	0	0	0	0	0	0
Direct Reuse, League City	H	Galveston	San Jacinto-Brazos	7,504	9,744	11,984	14,224	16,464	17,584	0	0	0	0	0	0
Direct Reuse, Manufacturing, Brazoria	H	Brazoria	San Jacinto-Brazos	325	325	325	325	325	325	0	0	0	0	0	0
Direct Reuse, Manufacturing, Harris	H	Harris	San Jacinto	6,844	6,844	6,844	6,844	6,844	6,844	0	0	0	0	0	0
Direct Reuse, Manufacturing, Harris	H	Harris	San Jacinto-Brazos	303	303	303	303	303	303	0	0	0	0	0	0
Direct Reuse, Manufacturing, Harris	H	Harris	Trinity-San Jacinto	3,172	3,172	3,172	3,172	3,172	3,172	0	0	0	0	0	0

Source	Reg	County	Basin	Total Existing and WMS Allocations from Source (ac ft)[1]						Unallocated Source Balance (ac ft)					
				2030	2040	2050	2060	2070	2080	2030	2040	2050	2060	2070	2080
Direct Reuse, Manufacturing, Leon	H	Leon	Trinity	58	58	58	58	58	58	0	0	0	0	0	0
Direct Reuse, Manufacturing, Waller	H	Waller	San Jacinto	16	16	16	16	16	16	0	0	0	0	0	0
Direct Reuse, Master Planned Communities	H	Brazoria	Brazos	2	6	11	13	15	19	0	0	0	0	0	0
Direct Reuse, Master Planned Communities	H	Brazoria	Brazos-Colorado	8	19	34	40	47	55	0	0	0	0	0	0
Direct Reuse, Master Planned Communities	H	Brazoria	San Jacinto-Brazos	32	85	147	175	207	239	0	0	0	0	0	0
Direct Reuse, Master Planned Communities	H	Chambers	Neches-Trinity	1	6	13	20	28	36	0	0	0	0	0	0
Direct Reuse, Master Planned Communities	H	Chambers	Trinity	10	58	130	198	271	356	0	0	0	0	0	0
Direct Reuse, Master Planned Communities	H	Chambers	Trinity-San Jacinto	11	62	138	211	290	379	0	0	0	0	0	0
Direct Reuse, Master Planned Communities	H	Fort Bend	Brazos	210	835	1,565	2,167	2,807	3,382	0	0	0	0	0	0
Direct Reuse, Master Planned Communities	H	Fort Bend	Brazos-Colorado	64	258	488	677	880	1,062	0	0	0	0	0	0
Direct Reuse, Master Planned Communities	H	Fort Bend	San Jacinto	125	345	513	654	764	874	0	0	0	0	0	0
Direct Reuse, Master Planned Communities	H	Fort Bend	San Jacinto-Brazos	118	379	623	828	1,021	1,199	0	0	0	0	0	0
Direct Reuse, Master Planned Communities	H	Harris	San Jacinto	808	1,511	1,980	2,233	2,723	3,077	0	0	0	0	0	0
Direct Reuse, Master Planned Communities	H	Harris	San Jacinto-Brazos	6	15	19	22	23	24	0	0	0	0	0	0
Direct Reuse, Master Planned Communities	H	Harris	Trinity-San Jacinto	38	90	120	138	147	151	0	0	0	0	0	0
Direct Reuse, Master Planned Communities	H	Liberty	Neches	0	0	2	2	2	3	0	0	0	0	0	0
Direct Reuse, Master Planned Communities	H	Liberty	Neches-Trinity	0	0	0	0	0	0	0	0	0	0	0	0
Direct Reuse, Master Planned Communities	H	Liberty	San Jacinto	21	73	137	205	273	345	0	0	0	0	0	0
Direct Reuse, Master Planned Communities	H	Liberty	Trinity	34	120	222	335	444	563	0	0	0	0	0	0
Direct Reuse, Master Planned Communities	H	Liberty	Trinity-San Jacinto	11	39	73	111	147	186	0	0	0	0	0	0
Direct Reuse, Master Planned Communities	H	Waller	Brazos	19	47	100	167	239	316	0	0	0	0	0	0
Direct Reuse, Master Planned Communities	H	Waller	San Jacinto	17	45	96	160	229	303	0	0	0	0	0	0
Direct Reuse, Meadows Place	H	Fort Bend	San Jacinto	26	26	26	26	26	26	0	0	0	0	0	0

Source	Reg	County	Basin	Total Existing and WMS Allocations from Source (ac ft)[1]						Unallocated Source Balance (ac ft)					
				2030	2040	2050	2060	2070	2080	2030	2040	2050	2060	2070	2080
Direct Reuse, Missouri City	H	Fort Bend	San Jacinto-Brazos	579	678	725	747	786	804	0	0	0	0	0	0
Direct Reuse, North Fort Bend Water Authority CRU	H	Fort Bend	San Jacinto	7,614	7,614	7,614	7,614	7,614	7,614	0	0	0	0	0	0
Direct Reuse, North Green MUD	H	Harris	San Jacinto	45	45	45	45	45	45	0	0	0	0	0	0
Direct Reuse, North Harris County Regional W	H	Harris	San Jacinto	1,477	1,477	1,477	1,477	1,477	1,477	0	0	0	0	0	0
Direct Reuse, Panorama Village	H	Montgomery	San Jacinto	43	43	43	43	43	43	0	0	0	0	0	0
Direct Reuse, Pearland	H	Brazoria	San Jacinto-Brazos	0	314	1,154	1,154	1,154	1,154	0	0	0	0	0	0
Direct Reuse, Plantation MUD	H	Fort Bend	Brazos	6	6	6	6	6	6	0	0	0	0	0	0
Direct Reuse, Quail Valley UD	H	Fort Bend	San Jacinto-Brazos	693	718	728	774	798	822	0	0	0	0	0	0
Direct Reuse, Richmond	H	Fort Bend	Brazos	263	263	263	263	263	263	0	0	0	0	0	0
Direct Reuse, River Plantation MUD	H	Montgomery	San Jacinto	307	307	307	307	307	307	0	0	0	0	0	0
Direct Reuse, Rosenberg	H	Fort Bend	Brazos	556	556	556	556	556	556	0	0	0	0	0	0
Direct Reuse, Sienna Plantation CRU	H	Fort Bend	San Jacinto-Brazos	2,718	2,797	2,915	2,967	3,025	3,104	0	0	0	0	0	0
Direct Reuse, South Houston	H	Harris	San Jacinto	54	54	54	54	54	54	0	0	0	0	0	0
Direct Reuse, Southern Montgomery County MUD	H	Montgomery	San Jacinto	179	179	179	179	179	179	0	0	0	0	0	0
Direct Reuse, Sugar Land	H	Fort Bend	Brazos	1,232	1,680	2,912	2,912	2,912	2,912	0	0	0	0	0	0
Direct Reuse, Sugar Land	H	Fort Bend	San Jacinto-Brazos	329	329	329	329	329	329	0	0	0	0	0	0
Direct Reuse, Trail of The Lakes MUD	H	Harris	San Jacinto	9	9	9	9	9	9	0	0	0	0	0	0
Direct Reuse, West Harris County Regional	H	Harris	San Jacinto	1,469	1,469	1,469	1,469	1,469	1,469	0	0	0	0	0	0
Direct Reuse, West University Place	H	Harris	San Jacinto	9	9	9	9	9	9	0	0	0	0	0	0
Direct Reuse, Westwood Shores MUD	H	Trinity	Trinity	150	150	150	150	150	150	0	0	0	0	0	0
Direct Reuse, Wood Trace MUD 1	H	Montgomery	San Jacinto	10	10	10	10	10	10	0	0	0	0	0	0
Eagle Nest Lake/Reservoir	H	Reservoir	Brazos	0	0	0	0	0	0	0	0	0	0	0	0
Gulf Coast Aquifer System	H	Austin	Brazos	8,622	8,764	8,930	9,008	9,064	9,114	16,621	16,479	16,313	16,235	16,179	16,129
Gulf Coast Aquifer System	H	Austin	Brazos-Colorado	4,666	4,673	4,679	4,681	4,684	4,688	15,986	15,979	15,973	15,971	15,968	15,964

Source	Reg	County	Basin	Total Existing and WMS Allocations from Source (ac ft)[1]						Unallocated Source Balance (ac ft)					
				2030	2040	2050	2060	2070	2080	2030	2040	2050	2060	2070	2080
Gulf Coast Aquifer System	H	Austin	Colorado	37	37	37	37	37	37	628	628	628	628	628	628
Gulf Coast Aquifer System	H	Brazoria	Brazos	4,729	4,647	4,559	4,486	4,425	4,425	0	0	0	0	0	0
Gulf Coast Aquifer System	H	Brazoria	Brazos-Colorado	13,053	12,789	12,446	12,111	11,784	11,784	0	0	0	0	0	0
Gulf Coast Aquifer System	H	Brazoria	San Jacinto-Brazos	53,567	53,882	54,298	54,697	55,084	55,084	0	0	0	0	0	0
Gulf Coast Aquifer System	H	Chambers	Neches-Trinity	1,496	3,097	3,618	7,067	9,850	9,968	8,472	6,871	6,350	2,901	118	0
Gulf Coast Aquifer System	H	Chambers	Trinity	8,650	9,240	9,738	9,847	9,810	10,222	1,572	982	484	375	412	0
Gulf Coast Aquifer System	H	Chambers	Trinity-San Jacinto	2,063	2,063	2,063	2,063	2,063	2,063	79	89	98	100	101	101
Gulf Coast Aquifer System	H	Fort Bend	Brazos	30,410	40,686	50,799	58,940	67,693	75,540	563	0	0	0	0	0
Gulf Coast Aquifer System	H	Fort Bend	Brazos-Colorado	16,510	19,204	22,015	24,088	26,280	27,981	9	795	1,533	2,366	3,320	4,423
Gulf Coast Aquifer System	H	Fort Bend	San Jacinto	26,743	28,374	29,594	30,584	31,502	32,407	63	70	74	74	74	74
Gulf Coast Aquifer System	H	Fort Bend	San Jacinto-Brazos	29,441	33,717	36,342	38,407	40,046	41,485	0	0	0	0	0	0
Gulf Coast Aquifer System	H	Galveston	Neches-Trinity	57	57	57	57	57	57	125	126	127	128	128	128
Gulf Coast Aquifer System	H	Galveston	San Jacinto-Brazos	3,965	5,913	6,016	6,085	6,130	6,168	8,537	6,970	7,209	7,427	7,647	7,867
Gulf Coast Aquifer System	H	Harris	San Jacinto	289,255	197,432	203,289	206,062	208,124	210,309	0	0	0	0	0	0
Gulf Coast Aquifer System	H	Harris	San Jacinto-Brazos	15,452	16,173	16,831	17,123	17,248	17,494	0	0	0	0	0	0
Gulf Coast Aquifer System	H	Harris	Trinity-San Jacinto	13,157	14,247	15,062	15,507	15,845	16,136	0	0	0	0	0	0
Gulf Coast Aquifer System	H	Liberty	Neches	5,596	5,608	5,622	5,637	5,652	5,668	3,136	3,124	3,110	3,095	3,080	3,064
Gulf Coast Aquifer System	H	Liberty	Neches-Trinity	263	265	267	269	272	274	1,790	1,788	1,786	1,784	1,781	1,779
Gulf Coast Aquifer System	H	Liberty	San Jacinto	6,654	7,831	9,165	10,336	11,299	11,299	4,645	3,468	2,134	963	0	0
Gulf Coast Aquifer System	H	Liberty	Trinity	11,117	13,486	16,503	19,300	21,557	23,686	27,915	25,545	22,529	19,732	17,475	15,346
Gulf Coast Aquifer System	H	Liberty	Trinity-San Jacinto	2,178	2,599	3,109	3,662	4,222	5,909	8,366	7,944	7,434	6,882	6,322	4,635
Gulf Coast Aquifer System	H	Montgomery	San Jacinto	106,457	107,027	107,434	107,655	107,870	118,609	2	0	0	0	0	0
Gulf Coast Aquifer System	H	Polk	Trinity	4,504	4,790	4,939	5,103	5,282	5,479	19,477	19,191	19,042	18,878	18,699	18,502
Gulf Coast Aquifer System	H	San Jacinto	San Jacinto	1,511	1,496	1,464	1,434	1,401	1,364	16,932	16,956	17,003	17,048	17,123	17,160

Source	Reg	County	Basin	Total Existing and WMS Allocations from Source (ac ft)[1]						Unallocated Source Balance (ac ft)					
				2030	2040	2050	2060	2070	2080	2030	2040	2050	2060	2070	2080
Gulf Coast Aquifer System	H	San Jacinto	Trinity	2,319	2,295	2,244	2,194	2,138	2,078	14,285	14,309	14,360	14,410	14,466	14,526
Gulf Coast Aquifer System	H	Trinity	Trinity	74	69	65	61	58	55	244	253	274	278	281	284
Gulf Coast Aquifer System	H	Walker	San Jacinto	2,801	2,863	3,060	3,111	3,376	3,399	23,821	23,759	23,562	23,511	23,246	23,223
Gulf Coast Aquifer System	H	Walker	Trinity	7,938	8,888	10,552	12,393	15,198	15,638	7,943	6,993	5,329	3,488	683	243
Gulf Coast Aquifer System	H	Waller	Brazos	12,459	12,554	13,845	13,897	15,520	15,633	10,938	10,843	9,552	9,500	7,877	7,764
Gulf Coast Aquifer System	H	Waller	San Jacinto	22,432	24,561	26,999	27,767	29,641	29,987	9,704	7,575	5,137	4,369	2,495	2,149
Gulf Coast Water Authority Lake/Reservoir	H	Reservoir	San Jacinto-Brazos	0	0	0	0	0	0	0	0	0	0	0	0
Gulf of Mexico Saline	H	Gulf of Mexico	Gulf of Mexico	0	11,887	12,421	13,000	13,615	14,264	0	10,513	9,979	9,400	8,785	8,136
Harris Reservoir	H	Reservoir	Brazos	80,000	80,000	80,000	80,000	80,000	80,000	0	0	0	0	0	0
Houston Lake/Reservoir	H	Reservoir	San Jacinto	182,500	180,650	178,850	177,050	175,300	173,550	0	0	0	0	0	0
Indirect Reuse, Houston	H	Harris	San Jacinto	4,862	188,581	193,928	196,458	195,596	196,286	0	0	0	0	0	0
Indirect Reuse, Huntsville	H	Walker	San Jacinto	2,240	2,240	2,240	2,240	2,240	2,240	0	0	0	0	0	0
Indirect Reuse, Montgomery County MUDS 8 and 9	H	Montgomery	San Jacinto	419	465	511	522	551	589	0	0	0	0	0	0
Indirect Reuse, SJRA	H	Harris	San Jacinto	6,846	6,846	6,846	6,846	6,846	6,846	0	0	0	0	0	0
Indirect Reuse, SJRA and Conroe	H	Montgomery	San Jacinto	6,352	7,602	9,527	11,397	12,441	13,476	0	0	0	0	0	0
Indirect Reuse, The Woodlands	H	Montgomery	San Jacinto	750	750	750	750	750	750	0	0	0	0	0	0
Industrial Conservation	H	Conservation	Conservation	3,320	10,414	18,171	26,242	34,806	43,892	0	0	0	0	0	0
Irrigation Conservation	H	Conservation	Conservation	103,799	103,799	103,799	103,799	103,799	103,799	0	0	0	0	0	0
Lewis Creek Lake/Reservoir	H	Reservoir	San Jacinto	0	0	0	0	0	0	0	0	0	0	0	0
Livingston-Wallisville Lake/Reservoir System	H	Reservoir	Trinity	1,210,300	1,220,750	1,231,200	1,201,800	1,172,300	1,142,900	0	0	0	0	0	0
Municipal Conservation[2]	H	Conservation	Conservation	42,812	80,533	94,526	111,279	119,907	140,580	0	0	0	0	0	0
Neches Run-of-River	H	Liberty	Neches	161	161	161	161	161	161	0	0	0	0	0	0
Neches-Trinity Run-of-River	H	Chambers	Neches-Trinity	37,475	37,475	37,475	37,475	37,475	37,475	0	0	0	0	0	0
Phillips Petroleum off-channel Lake/Reservoir	H	Reservoir	Brazos-Colorado	0	0	0	0	0	0	0	0	0	0	0	0

Source	Reg	County	Basin	Total Existing and WMS Allocations from Source (ac ft)[1]						Unallocated Source Balance (ac ft)					
				2030	2040	2050	2060	2070	2080	2030	2040	2050	2060	2070	2080
Queen City Aquifer	H	Leon	Brazos	309	306	307	307	305	307	99	145	186	229	270	268
Queen City Aquifer	H	Leon	Trinity	449	445	441	438	435	431	62	71	80	89	96	100
Queen City Aquifer	H	Madison	Brazos	132	43	11	11	11	11	0	111	164	186	205	205
Queen City Aquifer	H	Madison	Trinity	132	52	53	55	57	60	0	102	123	142	160	157
Queen City Aquifer	H	Trinity	Trinity	0	0	0	0	0	0	0	0	0	0	0	0
Queen City Aquifer	H	Walker	Trinity	109	109	109	109	109	109	120	120	120	120	120	120
San Bernard River Alluvium Aquifer	H	Austin	Brazos-Colorado	0	0	0	0	0	0	520	520	520	520	520	520
San Jacinto Regional Return Flows	H	Harris	San Jacinto	87,996	90,620	106,919	110,325	114,671	116,913	0	0	0	0	0	0
San Jacinto River Alluvium Aquifer	H	Walker	San Jacinto	0	0	0	0	0	0	1,450	1,450	1,450	1,450	1,450	1,450
San Jacinto Run-of-River	H	Harris	San Jacinto	12,477	12,477	12,477	12,477	12,477	12,477	0	0	0	0	0	0
San Jacinto Run-of-River	H	Liberty	San Jacinto	9	9	9	9	9	9	0	0	0	0	0	0
San Jacinto Run-of-River	H	Montgomery	San Jacinto	141	141	141	141	141	141	0	0	0	0	0	0
San Jacinto-Brazos Run-of-River	H	Brazoria	San Jacinto-Brazos	30,941	30,941	30,941	30,941	30,941	30,941	0	0	0	0	0	0
San Jacinto-Brazos Run-of-River	H	Fort Bend	San Jacinto-Brazos	5,803	5,803	5,803	5,803	5,803	5,803	0	0	0	0	0	0
San Jacinto-Brazos Run-of-River	H	Galveston	San Jacinto-Brazos	36	36	36	36	36	36	0	0	0	0	0	0
San Jacinto-Brazos Run-of-River	H	Harris	San Jacinto-Brazos	311	311	311	311	311	311	0	0	0	0	0	0
Sheldon Lake/Reservoir	H	Reservoir	San Jacinto	0	0	0	0	0	0	0	0	0	0	0	0
Smithers Lake/Reservoir	H	Reservoir	Brazos	0	0	0	0	0	0	0	0	0	0	0	0
Sparta Aquifer	H	Leon	Brazos	90	90	90	90	90	90	7	7	7	7	7	7
Sparta Aquifer	H	Leon	Trinity	106	104	101	100	98	96	45	48	53	56	59	61
Sparta Aquifer	H	Madison	Brazos	238	277	316	319	319	319	0	0	0	36	71	71
Sparta Aquifer	H	Madison	Trinity	1,662	1,934	2,058	2,055	2,053	2,052	0	0	149	424	672	673
Sparta Aquifer	H	Trinity	Trinity	0	0	0	0	0	0	0	0	0	0	0	0
Sparta Aquifer	H	Walker	San Jacinto	0	0	0	0	0	0	266	266	266	266	266	266

Source	Reg	County	Basin	Total Existing and WMS Allocations from Source (ac ft)[1]						Unallocated Source Balance (ac ft)					
				2030	2040	2050	2060	2070	2080	2030	2040	2050	2060	2070	2080
Sparta Aquifer	H	Walker	Trinity	0	0	0	0	0	0	2,084	2,084	2,084	2,084	2,084	2,084
Trinity River Alluvium Aquifer	H	Walker	Trinity	0	0	0	0	0	0	3,913	3,913	3,913	3,913	3,913	3,913
Trinity Run-of-River	H	Chambers	Trinity	60,837	60,837	60,837	60,837	60,837	60,837	0	0	0	0	0	0
Trinity Run-of-River	H	Leon	Trinity	156	156	156	156	156	156	0	0	0	0	0	0
Trinity Run-of-River	H	Liberty	Trinity	48,893	48,893	48,893	48,893	48,893	48,893	0	0	0	0	0	0
Trinity Run-of-River	H	Madison	Trinity	169	169	169	169	169	169	0	0	0	0	0	0
Trinity Run-of-River	H	Polk	Trinity	26,510	26,510	26,510	26,510	26,510	26,510	0	0	0	0	0	0
Trinity Run-of-River	H	Trinity	Trinity	0	0	0	0	0	0	0	0	0	0	0	0
Trinity Run-of-River	H	Walker	Trinity	460	460	460	460	460	460	0	0	0	0	0	0
Trinity-San Jacinto Run-of-River	H	Chambers	Trinity-San Jacinto	1,213	1,213	1,213	1,213	1,213	1,213	0	0	0	0	0	0
Trinity-San Jacinto Run-of-River	H	Harris	Trinity-San Jacinto	2,421	2,421	2,421	2,421	2,421	2,421	0	0	0	0	0	0
Trinity-San Jacinto Run-of-River	H	Liberty	Trinity-San Jacinto	1,905	1,905	1,905	1,905	1,905	1,905	0	0	0	0	0	0
Water Loss Reduction[2]	H	Conservation	Conservation	8,388	25,724	43,576	60,824	75,737	89,634	0	0	0	0	0	0
Yegua-Jackson Aquifer	H	Leon	Trinity	0	0	0	0	0	0	0	0	0	0	0	0
Yegua-Jackson Aquifer	H	Madison	Brazos	11	11	11	11	11	11	0	0	0	0	0	0
Yegua-Jackson Aquifer	H	Madison	Trinity	1,068	951	964	986	1,007	1,028	43	160	147	125	104	83
Yegua-Jackson Aquifer	H	Polk	Trinity	0	0	0	0	0	0	0	0	0	0	0	0
Yegua-Jackson Aquifer	H	Trinity	Trinity	630	614	596	586	574	561	1,561	1,577	1,595	1,605	1,617	1,630
Yegua-Jackson Aquifer	H	Walker	San Jacinto	0	0	0	0	0	0	351	351	351	351	351	351
Yegua-Jackson Aquifer	H	Walker	Trinity	1,574	1,636	1,743	1,841	1,937	2,047	2,249	2,187	2,080	1,982	1,886	1,776

1. For this table, calculation of existing allocations includes allocations to WUG demand as well as allocations from sources to WWPs. Some allocations of existing supply to WWPs may be retained at the WWP level and not allocated to WUG demands.

2. Values in this table exclude a limited portion of potential conservation and loss reduction savings estimated by Region H associated with municipal WUGs split between Regions H and I and associated primarily with Region I in TWDB's DB27 database.

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

Project Name	Proj. Level	Sponsor	Capital Cost ($)[1]	Annual Cost ($/year)					
				2030	2040	2050	2060	2070	2080
Allens Creek Reservoir	WMS	Brazos River Authority	$493,919,561	$0	$27,825,039	$27,825,039	$27,825,039	$27,825,039	$4,696,128
BAWA East SWTP Expansion - Phase 1	WMS	Baytown	$0	$0	$0	$0	$0	$0	$0
		Baytown Area Water Authority	$62,257,729	$5,835,426	$5,835,426	$1,454,906	$1,454,906	$1,454,906	$1,454,906
BAWA East SWTP Expansion - Phase 2	WMS	Baytown	$0	$0	$0	$0	$0	$0	$0
		Baytown Area Water Authority	$62,257,729	$0	$5,835,426	$5,835,426	$1,454,906	$1,454,906	$1,454,906
Brazos Saltwater Barrier	WMS	Dow Inc	$77,571,019	$5,964,480	$5,964,480	$506,500	$506,500	$506,500	$506,500
BWA Brackish Groundwater Development	WMS	Brazosport Water Authority	$74,055,688	$11,153,406	$11,153,406	$5,942,768	$5,942,768	$5,942,768	$5,942,768
BWA Conventional Treatment Expansion	WMS	Brazosport Water Authority	$23,517,647	$3,447,412	$3,447,412	$1,792,685	$1,792,685	$1,792,685	$1,792,685
BWA Transmission and Storage Expansion	WMS	Brazosport Water Authority	$84,794,502	$7,340,333	$7,340,333	$1,374,101	$1,374,101	$1,374,101	$1,374,101
BWSC Reservoir and Pump Station Expansion	WMS	Brazosport Water Authority	$84,683,061	$6,797,548	$6,797,548	$839,157	$839,157	$839,157	$839,157
		Dow Inc	$479,870,681	$38,519,442	$38,519,442	$4,755,224	$4,755,224	$4,755,224	$4,755,224
CHCRWA Transmission and Internal Distribution	WMS	Central Harris County Regional Water Authority	$22,717,067	$1,718,497	$1,718,497	$120,100	$120,100	$120,100	$120,100
City of Houston Area 2 Groundwater Infrastructure	WMS	Houston	$150,754,783	$24,267,851	$24,267,851	$13,660,582	$13,660,582	$13,660,582	$13,660,582
City of Houston EWPP Enhancement	WMS	Houston	$4,105,236,905	$0	$329,015,081	$329,015,081	$40,166,192	$40,166,192	$40,166,192
City of Houston GRP Transmission - 2025 Phase	WMS	Houston	$160,640,042	$12,909,207	$12,909,207	$1,606,400	$1,606,400	$1,606,400	$1,606,400
City of Houston GRP Transmission - 2035 Phase	WMS	Houston	$100,000,000	$0	$8,036,108	$8,036,108	$1,000,000	$1,000,000	$1,000,000
City of Houston Repump Expansion - Phase 1	WMS	Houston	$23,600,899	$2,250,607	$2,250,607	$590,022	$590,022	$590,022	$590,022
City of Houston Repump Expansion - Phase 2	WMS	Houston	$150,000,000	$0	$14,304,162	$14,304,162	$3,750,000	$3,750,000	$3,750,000
City Of Houston Reuse Infrastructure	WMS	Houston	$820,816,940	$0	$98,501,263	$98,501,263	$40,747,699	$40,747,699	$40,747,699
City of Houston SEWPP Expansion - Phase 1	WMS	Houston	$89,352,537	$10,230,480	$10,230,480	$3,943,539	$3,943,539	$3,943,539	$3,943,539
City of Houston SEWPP Expansion - Phase 2	WMS	Houston	$1,026,896,376	$0	$115,804,347	$115,804,347	$43,550,812	$43,550,812	$43,550,812
City of Houston Transmission and Distribution Expansion - Phase 1	WMS	Houston	$478,742,379	$38,472,253	$38,472,253	$4,787,424	$4,787,424	$4,787,424	$4,787,424
City of Houston Transmission and Distribution Expansion - Phase 2	WMS	Houston	$30,000,000	$0	$2,645,187	$2,645,187	$534,355	$534,355	$534,355

Project Name	Proj. Level	Sponsor	Capital Cost ($)[1]	Annual Cost ($/year)					
				2030	2040	2050	2060	2070	2080
COH Northeast Water Purification Plant Expansion - Phase 2	WMS	Central Harris County Regional Water Authority	$20,634,888	$2,659,149	$2,659,149	$1,207,256	$1,207,256	$1,207,256	$1,207,256
		Houston	$216,497,183	$27,899,264	$27,899,264	$12,666,289	$12,666,289	$12,666,289	$12,666,289
		North Fort Bend Water Authority	$289,646,168	$37,325,727	$37,325,727	$16,945,911	$16,945,911	$16,945,911	$16,945,911
		North Harris County Regional Water Authority	$686,844,171	$88,511,298	$88,511,298	$40,184,202	$40,184,202	$40,184,202	$40,184,202
		West Harris County Regional Water Authority	$348,506,340	$44,910,840	$44,910,840	$20,389,559	$20,389,559	$20,389,559	$20,389,559
COH Northeast Water Purification Plant Expansion - Phase 3	WMS	Houston	$800,000,000	$0	$112,288,861	$112,288,861	$56,000,000	$56,000,000	$56,000,000
CWA Pipeline Transmission Expansion	WMS	Houston	$1,741,814,566	$0	$140,028,889	$140,028,889	$17,472,940	$17,472,940	$17,472,940
CWA Trinity River Conveyance System Improvements	WMS	Houston	$125,457,460	$0	$11,206,145	$11,206,145	$2,378,823	$2,378,823	$2,378,823
East Texas Transfer	WMS	Houston	$663,513,060	$0	$0	$54,000,279	$54,000,279	$7,314,786	$7,314,786
		Lower Neches Valley Authority	$0	$0	$0	$0	$0	$0	$0
		Sabine River Authority	$0	$0	$0	$0	$0	$0	$0
Fairchilds Supply Infrastructure - Phase 1	WMS	County-Other, Fort Bend	$17,400,000	$1,494,963	$1,494,963	$270,681	$270,681	$270,681	$270,681
Fairchilds Supply Infrastructure - Phase 2	WMS	County-Other, Fort Bend	$86,500,000	$0	$7,650,456	$7,650,456	$1,564,223	$1,564,223	$1,564,223
Fort Bend MUD 25 GRP Infrastructure	WMS	Fort Bend County MUD 25	$11,567,244	$878,409	$878,409	$64,526	$64,526	$64,526	$64,526
Fort Bend WCID 2 GRP Infrastructure - Phase 1	WMS	Fort Bend County WCID 2	$35,843,734	$3,843,533	$3,843,533	$1,321,529	$1,321,529	$1,321,529	$1,321,529
Fort Bend WCID 2 GRP Infrastructure - Phase 2	WMS	Fort Bend County WCID 2	$35,843,734	$0	$3,843,533	$3,843,533	$1,321,529	$1,321,529	$1,321,529
GCWA Canal Loss Mitigation	WMS	Gulf Coast Water Authority	$21,420,000	$1,721,334	$1,721,334	$214,200	$214,200	$214,200	$214,200
GCWA Coastal Desalination	WMS	Gulf Coast Water Authority	$283,297,581	$0	$49,430,662	$49,430,662	$29,497,540	$29,497,540	$29,497,540
GCWA Groundwater Well Development	WMS	Gulf Coast Water Authority	$37,515,741	$0	$4,898,087	$4,898,087	$2,258,439	$2,258,439	$2,258,439
GCWA Municipal Reuse	WMS	Gulf Coast Water Authority	$11,014,500	$1,331,548	$1,331,548	$556,556	$556,556	$556,556	$556,556
		League City	$0	$0	$0	$0	$0	$0	$0
GCWA Shannon Pump Station Expansion	WMS	Gulf Coast Water Authority	$81,410,301	$7,417,951	$7,417,951	$1,689,835	$1,689,835	$1,689,835	$1,689,835
Harris County MUD 50 SWTP	WMS	Harris County MUD 50	$22,804,420	$2,796,753	$2,796,753	$1,192,209	$1,192,209	$1,192,209	$1,192,209
Industrial Conservation, Austin County	WUG	Manufacturing, Austin	$5,300	$0	$0	$0	$346	$284	$247
Industrial Conservation, Brazoria County	WUG	Manufacturing, Brazoria	$102,929,682	$608,921	$1,894,302	$2,730,915	$3,041,377	$3,335,225	$3,674,315
Industrial Conservation, Chambers County	WUG	Manufacturing, Chambers	$15,507,495	$91,852	$285,280	$411,508	$458,091	$502,416	$553,644

Project Name	Proj. Level	Sponsor	Capital Cost ($)[1]	Annual Cost ($/year)					
				2030	2040	2050	2060	2070	2080
Industrial Conservation, Fort Bend County	WUG	Manufacturing, Fort Bend	$1,802,203	$10,266	$33,499	$47,776	$53,588	$58,288	$64,509
Industrial Conservation, Galveston County	WUG	Manufacturing, Galveston	$20,004,412	$118,326	$367,946	$530,949	$591,196	$648,279	$714,052
Industrial Conservation, Harris County	WUG	Manufacturing, Harris	$163,990,765	$954,715	$3,015,971	$4,426,074	$4,880,308	$5,299,680	$5,784,092
Industrial Conservation, Leon County	WUG	Manufacturing, Leon	$404,713	$2,161	$7,564	$10,817	$12,101	$13,079	$14,583
Industrial Conservation, Liberty County	WUG	Manufacturing, Liberty	$105,305	$540	$2,161	$2,704	$3,112	$3,412	$3,707
Industrial Conservation, Montgomery County	WUG	Manufacturing, Montgomery	$913,368	$5,403	$16,749	$24,339	$26,967	$29,571	$32,625
Industrial Conservation, Walker County	WUG	Manufacturing, Walker	$123,706	$1,081	$2,161	$3,155	$3,457	$3,981	$4,202
Industrial Conservation, Waller County	WUG	Manufacturing, Waller	$69,362	$540	$1,081	$1,803	$2,074	$2,275	$2,472
Irrigation Conservation, Austin County	WUG	Irrigation, Austin	$47,464	$429,087	$429,087	$425,748	$425,748	$425,748	$425,748
Irrigation Conservation, Brazoria County	WUG	Irrigation, Brazoria	$791,628	$4,539,010	$4,539,010	$4,483,309	$4,483,309	$4,483,309	$4,483,309
Irrigation Conservation, Chambers County	WUG	Irrigation, Chambers	$947,375	$6,851,671	$6,851,671	$6,785,013	$6,785,013	$6,785,013	$6,785,013
Irrigation Conservation, Fort Bend County	WUG	Irrigation, Fort Bend	$92,560	$763,512	$763,512	$756,999	$756,999	$756,999	$756,999
Irrigation Conservation, Galveston County	WUG	Irrigation, Galveston	$43,820	$396,388	$396,388	$393,305	$393,305	$393,305	$393,305
Irrigation Conservation, Harris County	WUG	Irrigation, Harris	$2,219	$20,108	$20,108	$19,951	$19,951	$19,951	$19,951
Irrigation Conservation, Liberty County	WUG	Irrigation, Liberty	$411,925	$2,267,110	$2,267,110	$2,238,126	$2,238,126	$2,238,126	$2,238,126
Irrigation Conservation, Waller County	WUG	Irrigation, Waller	$184,194	$1,004,455	$1,004,455	$991,495	$991,495	$991,495	$991,495
LNVA Devers Pump Station Relocation	WMS	Lower Neches Valley Authority	$21,337,986	$1,882,922	$1,882,922	$381,558	$381,558	$381,558	$381,558
LNVA Neches-Trinity Basin Interconnect	WMS	Lower Neches Valley Authority	$127,821,515	$0	$11,064,310	$11,064,310	$2,070,651	$2,070,651	$2,070,651
Manvel Supply Expansion - Phase 1	WMS	Manvel	$27,435,261	$2,128,326	$2,128,326	$197,951	$197,951	$197,951	$197,951
Manvel Supply Expansion - Phase 2	WMS	Manvel	$34,800,431	$0	$2,699,688	$2,699,688	$251,092	$251,092	$251,092
Missouri City GRP Infrastructure - Post 2030	WMS	Missouri City	$58,835,350	$0	$6,814,884	$6,814,884	$2,675,165	$2,675,165	$2,675,165
Missouri City GRP Infrastructure - Pre 2030	WMS	Missouri City	$22,126,875	$1,710,241	$1,710,241	$153,370	$153,370	$153,370	$153,370
Montgomery County MUDs 8 and 9 Supply Expansion	WMS	Montgomery County MUD 8	$26,773,804	$3,428,657	$3,428,657	$1,544,823	$1,544,823	$1,544,823	$1,544,823
		Montgomery County MUD 9	$26,773,804	$3,428,656	$3,428,656	$1,544,823	$1,544,823	$1,544,823	$1,544,823
Montgomery County Supply Expansion - 2040 Phase	WMS	San Jacinto River Authority	$174,361,455	$0	$20,734,084	$20,734,084	$8,465,824	$8,465,824	$8,465,824
Montgomery County Supply Expansion - 2050 Phase	WMS	San Jacinto River Authority	$430,947,380	$0	$0	$42,383,920	$42,383,920	$12,061,999	$12,061,999
Montgomery County Supply Expansion - 2060 Phase	WMS	San Jacinto River Authority	$174,361,455	$0	$0	$0	$20,734,084	$20,734,084	$8,465,824

Project Name	Proj. Level	Sponsor	Capital Cost ($)[1]	Annual Cost ($/year)					
				2030	2040	2050	2060	2070	2080
Montgomery County WCID 1 Water Plant 3	WUG	Montgomery County WCID 1	$8,178,966	$0	$826,142	$826,142	$250,661	$250,661	$250,661
Municipal Conservation, Alvin	WUG	Alvin	$9,952,142	$148,303	$156,358	$195,852	$205,512	$262,476	$267,132
Municipal Conservation, Ames Minglewood WSC	WUG	Ames Minglewood WSC	$385,782	$6,075	$6,290	$7,397	$7,612	$10,118	$10,862
Municipal Conservation, Anahuac	WUG	Anahuac	$623,595	$9,877	$10,194	$11,969	$12,285	$16,353	$16,815
Municipal Conservation, Angleton	WUG	Angleton	$7,501,330	$123,621	$125,615	$146,288	$149,369	$186,975	$182,650
Municipal Conservation, Austin County WSC	WUG	Austin County WSC	$848,018	$11,387	$13,317	$16,928	$17,934	$22,900	$23,358
Municipal Conservation, Bacliff MUD	WUG	Bacliff MUD	$2,657,532	$40,653	$43,451	$51,910	$54,104	$68,582	$70,532
Municipal Conservation, Baker Road MUD	WUG	Baker Road MUD	$289,015	$4,518	$4,791	$5,562	$5,641	$7,600	$7,895
Municipal Conservation, Baybrook MUD 1	WUG	Baybrook MUD 1	$643,494	$11,697	$12,186	$13,010	$11,953	$14,053	$14,504
Municipal Conservation, Baytown	WUG	Baytown	$53,620,462	$714,236	$876,920	$1,093,246	$1,160,683	$1,377,490	$1,394,712
Municipal Conservation, Bayview MUD	WUG	Bayview MUD	$567,894	$8,349	$9,158	$11,128	$11,679	$14,932	$15,434
Municipal Conservation, Bellaire	WUG	Bellaire	$8,584,633	$166,930	$135,398	$157,350	$169,549	$208,648	$205,883
Municipal Conservation, Bellville	WUG	Bellville	$1,817,669	$31,259	$31,991	$37,113	$33,911	$43,124	$43,689
Municipal Conservation, Blaketree MUD 1 of Montgomery County	WUG	Blaketree MUD 1 of Montgomery County	$463,442	$0	$5,715	$11,516	$12,237	$15,342	$15,342
Municipal Conservation, Blue Bell Manor Utility	WUG	Blue Bell Manor Utility	$920,589	$14,707	$15,193	$18,098	$18,808	$22,915	$23,379
Municipal Conservation, Blue Ridge West MUD	WUG	Blue Ridge West MUD	$1,930,541	$29,467	$30,664	$36,677	$39,812	$51,106	$53,281
Municipal Conservation, Bolivar Peninsula SUD	WUG	Bolivar Peninsula SUD	$4,552,510	$73,926	$76,892	$89,581	$90,267	$113,249	$113,360
Municipal Conservation, Brazoria	WUG	Brazoria	$1,071,969	$17,634	$18,095	$21,203	$21,333	$26,339	$25,929
Municipal Conservation, Brazoria County FWSD 1	WUG	Brazoria County FWSD 1	$256,352	$3,891	$4,448	$5,085	$5,196	$6,368	$6,472
Municipal Conservation, Brazoria County MUD 2	WUG	Brazoria County MUD 2	$987,957	$14,710	$15,971	$19,223	$20,394	$25,915	$25,827
Municipal Conservation, Brazoria County MUD 21	WUG	Brazoria County MUD 21	$1,350,729	$21,491	$22,772	$26,473	$27,058	$33,905	$33,739
Municipal Conservation, Brazoria County MUD 22	WUG	Brazoria County MUD 22	$1,163,207	$20,977	$21,123	$23,468	$20,560	$27,370	$28,227
Municipal Conservation, Brazoria County MUD 25	WUG	Brazoria County MUD 25	$966,634	$15,671	$16,423	$18,792	$19,370	$23,942	$24,654
Municipal Conservation, Brazoria County MUD 29	WUG	Brazoria County MUD 29	$1,383,398	$20,604	$22,946	$26,964	$27,917	$36,138	$37,708
Municipal Conservation, Brazoria County MUD 3	WUG	Brazoria County MUD 3	$1,181,442	$18,080	$19,248	$22,760	$24,022	$30,901	$31,332
Municipal Conservation, Brazoria County MUD 31	WUG	Brazoria County MUD 31	$1,208,168	$19,661	$20,344	$23,527	$24,153	$30,158	$29,738
Municipal Conservation, Brazoria County MUD 39	WUG	Brazoria County MUD 39	$547,453	$7,916	$8,931	$10,403	$11,300	$14,706	$14,893

Project Name	Proj. Level	Sponsor	Capital Cost ($)[1]	Annual Cost ($/year)					
				2030	2040	2050	2060	2070	2080
Municipal Conservation, Brazoria County MUD 55	WUG	Brazoria County MUD 55	$983,897	$16,247	$16,793	$19,316	$19,549	$24,137	$23,477
Municipal Conservation, Brazoria County MUD 6	WUG	Brazoria County MUD 6	$1,586,165	$24,848	$27,031	$30,962	$31,851	$39,879	$40,455
Municipal Conservation, Brookshire MWD	WUG	Brookshire MWD	$1,777,193	$29,089	$30,658	$34,767	$33,226	$45,120	$48,593
Municipal Conservation, Buffalo	WUG	Buffalo	$892,930	$17,641	$16,879	$17,758	$16,237	$18,991	$17,870
Municipal Conservation, Bunker Hill Village	WUG	Bunker Hill Village	$1,091,711	$17,124	$18,562	$21,576	$21,801	$27,380	$27,281
Municipal Conservation, C C Water Works	WUG	C C Water Works	$1,003,668	$7,379	$11,046	$17,926	$23,378	$36,157	$44,808
Municipal Conservation, Cape Royale UD	WUG	Cape Royale UD	$538,510	$9,242	$9,450	$10,678	$10,495	$12,756	$12,300
Municipal Conservation, Centerville	WUG	Centerville	$561,589	$10,339	$10,265	$11,328	$10,303	$12,682	$12,419
Municipal Conservation, Central Harris County Regional Water Authority	WUG	Central Harris County Regional Water Authority	$16,967,779	$260,349	$269,068	$322,443	$345,183	$453,053	$466,819
Municipal Conservation, Chambers County MUD 1	WUG	Chambers County MUD 1	$1,117,797	$15,233	$16,901	$21,154	$23,508	$31,500	$34,837
Municipal Conservation, Chateau Woods MUD	WUG	Chateau Woods MUD	$1,212,547	$14,832	$20,337	$24,266	$25,657	$32,723	$34,397
Municipal Conservation, Chimney Hill MUD	WUG	Chimney Hill MUD	$1,302,380	$20,867	$21,607	$25,371	$26,116	$32,910	$33,670
Municipal Conservation, Clear Brook City MUD	WUG	Clear Brook City MUD	$6,560,665	$102,356	$105,395	$124,883	$133,241	$172,595	$175,965
Municipal Conservation, Clear Lake City Water Authority	WUG	Clear Lake City Water Authority	$34,465,278	$1,001,845	$493,776	$562,233	$598,175	$728,537	$619,618
Municipal Conservation, Cleveland	WUG	Cleveland	$6,490,679	$44,002	$49,482	$233,400	$131,707	$173,649	$168,279
Municipal Conservation, Clute	WUG	Clute	$4,263,996	$224,649	$30,563	$54,487	$50,533	$60,379	$57,886
Municipal Conservation, Concord-Robbins WSC	WUG	Concord-Robbins WSC	$687,883	$16,087	$14,225	$13,455	$11,884	$12,204	$9,333
Municipal Conservation, Conroe	WUG	Conroe	$71,927,227	$691,388	$955,352	$1,444,474	$1,685,569	$2,184,709	$2,312,307
Municipal Conservation, Conroe Resort Utilities	WUG	Conroe Resort Utilities	$442,947	$6,824	$7,269	$8,839	$8,541	$11,578	$12,437
Municipal Conservation, Corinthian Point MUD 2	WUG	Corinthian Point MUD 2	$302,928	$3,942	$4,428	$6,082	$6,515	$8,453	$8,728
Municipal Conservation, Country Terrace Water	WUG	Country Terrace Water	$553,326	$8,887	$9,176	$10,787	$11,075	$13,991	$14,166
Municipal Conservation, County-Other, Austin	WUG	County-Other, Austin	$6,923,139	$107,522	$113,932	$135,438	$139,986	$177,194	$182,419
Municipal Conservation, County-Other, Brazoria	WUG	County-Other, Brazoria	$37,923,304	$523,056	$584,136	$743,090	$793,616	$1,038,235	$1,101,974
Municipal Conservation, County-Other, Chambers	WUG	County-Other, Chambers	$9,624,900	$63,590	$97,493	$168,681	$227,895	$359,523	$453,080
Municipal Conservation, County-Other, Fort Bend	WUG	County-Other, Fort Bend	$128,640,523	$702,820	$1,310,242	$2,348,548	$3,094,328	$4,830,669	$5,774,453
Municipal Conservation, County-Other, Galveston	WUG	County-Other, Galveston	$6,859,374	$99,881	$110,198	$134,103	$141,914	$181,119	$187,224
Municipal Conservation, County-Other, Harris	WUG	County-Other, Harris	$52,473,708	$657,457	$813,703	$1,043,290	$1,127,048	$1,455,708	$1,501,648

Project Name	Proj. Level	Sponsor	Capital Cost ($)[1]	Annual Cost ($/year)					
				2030	2040	2050	2060	2070	2080
Municipal Conservation, County-Other, Leon	WUG	County-Other, Leon	$591,205	$14,665	$12,848	$11,584	$9,947	$9,478	$5,985
Municipal Conservation, County-Other, Liberty	WUG	County-Other, Liberty	$39,335,406	$328,172	$457,875	$702,704	$908,062	$1,371,416	$1,653,116
Municipal Conservation, County-Other, Madison	WUG	County-Other, Madison	$886,574	$12,827	$14,151	$17,038	$18,238	$23,866	$25,374
Municipal Conservation, County-Other, Montgomery	WUG	County-Other, Montgomery	$90,575,412	$860,517	$1,187,128	$1,743,673	$2,074,823	$2,878,407	$3,129,932
Municipal Conservation, County-Other, Polk	WUG	County-Other, Polk	$2,930,686	$42,239	$46,797	$56,682	$60,334	$78,665	$83,516
Municipal Conservation, County-Other, San Jacinto	WUG	County-Other, San Jacinto	$1,564,641	$26,257	$27,005	$30,844	$30,912	$37,720	$37,261
Municipal Conservation, County-Other, Walker	WUG	County-Other, Walker	$2,366,444	$44,555	$44,544	$49,553	$44,865	$48,901	$42,264
Municipal Conservation, County-Other, Waller	WUG	County-Other, Waller	$13,456,809	$105,915	$138,521	$224,663	$311,991	$501,324	$632,669
Municipal Conservation, Crosby MUD	WUG	Crosby MUD	$1,965,266	$31,018	$34,565	$39,162	$37,106	$49,703	$49,726
Municipal Conservation, Cut and Shoot	WUG	Cut & Shoot	$5,913,943	$61,940	$78,260	$109,815	$132,618	$189,183	$195,783
Municipal Conservation, Daisetta	WUG	Daisetta	$283,781	$4,556	$4,711	$5,529	$5,684	$7,166	$7,321
Municipal Conservation, Danbury	WUG	Danbury	$494,013	$7,958	$8,353	$9,759	$9,892	$12,232	$12,073
Municipal Conservation, Dayton	WUG	Dayton	$8,637,305	$126,827	$121,153	$155,808	$186,730	$246,995	$262,175
Municipal Conservation, Deer Park	WUG	Deer Park	$18,861,836	$472,170	$280,132	$323,586	$343,964	$426,914	$394,176
Municipal Conservation, Devers	WUG	Devers	$199,031	$3,211	$3,323	$3,879	$3,983	$5,004	$5,031
Municipal Conservation, Dobbin Plantersville WSC	WUG	Dobbin Plantersville WSC	$4,148,478	$22,144	$54,167	$88,959	$104,430	$133,689	$114,588
Municipal Conservation, Dodge Oakhurst WSC	WUG	Dodge Oakhurst WSC	$1,066,677	$10,566	$12,746	$18,453	$23,863	$36,587	$44,527
Municipal Conservation, Domestic Water	WUG	Domestic Water	$498,536	$7,224	$7,559	$9,105	$10,333	$14,161	$14,716
Municipal Conservation, Douglas Utility	WUG	Douglas Utility	$175,450	$2,752	$2,871	$3,432	$3,599	$4,435	$4,560
Municipal Conservation, East Montgomery County MUD 6	WUG	East Montgomery County MUD 6	$771,009	$9,288	$10,149	$13,545	$17,065	$24,582	$24,719
Municipal Conservation, East Plantation UD	WUG	East Plantation UD	$478,398	$5,527	$5,771	$9,637	$11,447	$14,046	$14,118
Municipal Conservation, El Dorado UD	WUG	El Dorado UD	$899,107	$13,433	$14,281	$17,795	$18,573	$23,422	$24,067
Municipal Conservation, Far Hills UD	WUG	Far Hills UD	$794,995	$8,897	$11,641	$15,695	$17,439	$23,376	$24,515
Municipal Conservation, First Colony MUD 9	WUG	First Colony MUD 9	$2,234,187	$33,944	$35,312	$43,174	$45,356	$59,461	$61,717
Municipal Conservation, Flo Community WSC	WUG	Flo Community WSC	$1,024,143	$17,659	$17,639	$20,015	$20,063	$24,590	$24,483
Municipal Conservation, Forest Hills MUD	WUG	Forest Hills MUD	$617,715	$9,915	$10,276	$12,066	$12,423	$15,514	$15,775
Municipal Conservation, Fort Bend County FWSD 2	WUG	Fort Bend County FWSD 2	$1,168,717	$16,626	$17,686	$22,162	$23,753	$31,521	$51,237

Project Name	Proj. Level	Sponsor	Capital Cost ($)[1]	Annual Cost ($/year)					
				2030	2040	2050	2060	2070	2080
Municipal Conservation, Fort Bend County MUD 115	WUG	Fort Bend County MUD 115	$437,024	$6,890	$7,094	$8,881	$8,576	$11,124	$11,374
Municipal Conservation, Fort Bend County MUD 116	WUG	Fort Bend County MUD 116	$1,418,448	$20,297	$24,326	$28,134	$28,913	$36,460	$37,148
Municipal Conservation, Fort Bend County MUD 121	WUG	Fort Bend County MUD 121	$837,276	$13,409	$13,894	$16,313	$16,798	$21,150	$21,636
Municipal Conservation, Fort Bend County MUD 128	WUG	Fort Bend County MUD 128	$5,337,983	$132,218	$78,302	$90,235	$97,293	$123,864	$118,863
Municipal Conservation, Fort Bend County MUD 129	WUG	Fort Bend County MUD 129	$1,276,740	$19,900	$21,054	$24,744	$25,785	$32,773	$34,180
Municipal Conservation, Fort Bend County MUD 131	WUG	Fort Bend County MUD 131	$1,039,521	$14,678	$16,183	$19,800	$20,726	$29,432	$31,331
Municipal Conservation, Fort Bend County MUD 140	WUG	Fort Bend County MUD 140	$701,144	$10,849	$11,218	$13,177	$13,486	$19,271	$21,134
Municipal Conservation, Fort Bend County MUD 149	WUG	Fort Bend County MUD 149	$1,148,200	$18,097	$18,783	$22,560	$23,223	$29,187	$29,700
Municipal Conservation, Fort Bend County MUD 152	WUG	Fort Bend County MUD 152	$1,059,002	$16,424	$17,009	$19,978	$21,533	$28,132	$28,242
Municipal Conservation, Fort Bend County MUD 155	WUG	Fort Bend County MUD 155	$1,500,105	$16,041	$20,257	$28,696	$33,571	$46,531	$49,145
Municipal Conservation, Fort Bend County MUD 158	WUG	Fort Bend County MUD 158	$728,116	$8,926	$10,444	$13,984	$15,816	$21,407	$22,346
Municipal Conservation, Fort Bend County MUD 162	WUG	Fort Bend County MUD 162	$793,237	$10,654	$11,052	$14,029	$15,784	$25,026	$27,787
Municipal Conservation, Fort Bend County MUD 23	WUG	Fort Bend County MUD 23	$5,767,965	$86,672	$91,890	$109,565	$119,068	$153,881	$157,205
Municipal Conservation, Fort Bend County MUD 24	WUG	Fort Bend County MUD 24	$822,472	$12,035	$13,850	$16,264	$16,753	$21,170	$21,752
Municipal Conservation, Fort Bend County MUD 25	WUG	Fort Bend County MUD 25	$6,596,502	$156,126	$98,944	$114,086	$122,143	$153,726	$146,252
Municipal Conservation, Fort Bend County MUD 26	WUG	Fort Bend County MUD 26	$1,546,386	$22,705	$24,493	$29,621	$32,192	$41,294	$43,336
Municipal Conservation, Fort Bend County MUD 42	WUG	Fort Bend County MUD 42	$1,166,289	$17,797	$19,173	$22,788	$23,560	$30,204	$31,069
Municipal Conservation, Fort Bend County MUD 46	WUG	Fort Bend County MUD 46	$783,755	$11,612	$12,985	$15,912	$15,892	$19,972	$20,025
Municipal Conservation, Fort Bend County MUD 47	WUG	Fort Bend County MUD 47	$822,909	$13,165	$13,633	$16,007	$16,475	$20,757	$22,539
Municipal Conservation, Fort Bend County MUD 48	WUG	Fort Bend County MUD 48	$1,192,820	$18,169	$19,088	$22,576	$24,556	$31,621	$32,720
Municipal Conservation, Fort Bend County MUD 49	WUG	Fort Bend County MUD 49	$335,195	$5,163	$5,558	$6,446	$6,491	$8,965	$8,965
Municipal Conservation, Fort Bend County MUD 5	WUG	Fort Bend County MUD 5	$1,164,661	$15,226	$17,764	$23,277	$25,033	$31,888	$32,781
Municipal Conservation, Fort Bend County MUD 81	WUG	Fort Bend County MUD 81	$1,514,895	$16,161	$16,709	$28,430	$35,709	$49,239	$52,415
Municipal Conservation, Fort Bend County WCID 2	WUG	Fort Bend County WCID 2	$30,383,182	$967,360	$439,457	$480,508	$498,461	$603,479	$490,532
Municipal Conservation, Fort Bend County WCID 3	WUG	Fort Bend County WCID 3	$171,672	$2,771	$2,855	$3,305	$3,300	$4,468	$4,682
Municipal Conservation, Freeport	WUG	Freeport	$3,163,871	$94,518	$72,477	$30,025	$51,032	$62,342	$59,931
Municipal Conservation, Friendswood	WUG	Friendswood	$23,891,804	$550,587	$358,639	$415,665	$448,962	$561,706	$536,214

Project Name	Proj. Level	Sponsor	Capital Cost ($)[1]	Annual Cost ($/year)					
				2030	2040	2050	2060	2070	2080
Municipal Conservation, Fulshear	WUG	Fulshear	$22,520,309	$298,221	$421,686	$412,666	$462,070	$597,953	$594,349
Municipal Conservation, Galena Park	WUG	Galena Park	$2,825,335	$54,760	$52,773	$56,505	$52,101	$61,600	$47,945
Municipal Conservation, Galveston	WUG	Galveston	$36,972,363	$915,415	$588,459	$677,973	$668,871	$766,981	$795,373
Municipal Conservation, Galveston County FWSD 6	WUG	Galveston County FWSD 6	$764,865	$12,517	$12,901	$14,987	$15,176	$19,005	$19,005
Municipal Conservation, Galveston County MUD 12	WUG	Galveston County MUD 12	$1,187,254	$19,238	$19,893	$23,193	$23,727	$29,704	$29,704
Municipal Conservation, Galveston County WCID 1	WUG	Galveston County WCID 1	$10,685,446	$163,112	$171,420	$205,672	$217,691	$281,896	$287,536
Municipal Conservation, Galveston County WCID 12	WUG	Galveston County WCID 12	$1,288,407	$22,103	$22,894	$26,106	$24,294	$30,386	$30,577
Municipal Conservation, Galveston County WCID 8	WUG	Galveston County WCID 8	$1,732,340	$27,129	$28,646	$33,959	$34,991	$44,009	$45,000
Municipal Conservation, Glendale WSC	WUG	Glendale WSC	$295,585	$5,451	$5,294	$5,776	$5,664	$6,738	$6,355
Municipal Conservation, Grand Oaks MUD	WUG	Grand Oaks MUD	$439,886	$6,572	$7,188	$8,552	$8,941	$11,533	$12,026
Municipal Conservation, Green Trails MUD	WUG	Green Trails MUD	$640,655	$10,610	$11,084	$12,647	$12,400	$15,724	$16,005
Municipal Conservation, Greenwood UD	WUG	Greenwood UD	$2,221,104	$39,767	$57,308	$47,066	$41,246	$31,330	$53,934
Municipal Conservation, Groveton	WUG	Groveton	$230,972	$4,575	$4,329	$4,605	$4,137	$4,977	$4,742
Municipal Conservation, Hardin WSC	WUG	Hardin WSC	$1,436,182	$21,813	$23,024	$27,631	$29,074	$38,006	$40,702
Municipal Conservation, Harris County FWSD 1-A	WUG	Harris County FWSD 1-A	$637,163	$10,170	$10,578	$12,429	$12,778	$16,158	$16,033
Municipal Conservation, Harris County FWSD 27	WUG	Harris County FWSD 27	$692,979	$8,719	$10,705	$13,289	$14,071	$20,510	$20,039
Municipal Conservation, Harris County FWSD 58	WUG	Harris County FWSD 58	$674,690	$10,918	$11,336	$13,203	$13,466	$16,860	$16,860
Municipal Conservation, Harris County MUD 106	WUG	Harris County MUD 106	$1,249,611	$19,312	$20,253	$24,286	$25,223	$32,587	$33,001
Municipal Conservation, Harris County MUD 11	WUG	Harris County MUD 11	$862,881	$13,861	$14,353	$16,853	$17,345	$21,671	$22,051
Municipal Conservation, Harris County MUD 119	WUG	Harris County MUD 119	$1,390,462	$22,409	$23,667	$27,279	$27,928	$34,282	$34,812
Municipal Conservation, Harris County MUD 122	WUG	Harris County MUD 122	$332,181	$5,161	$5,529	$6,474	$6,647	$8,485	$9,221
Municipal Conservation, Harris County MUD 132	WUG	Harris County MUD 132	$2,006,256	$32,487	$33,962	$39,804	$39,391	$49,917	$50,646
Municipal Conservation, Harris County MUD 148	WUG	Harris County MUD 148	$1,746,249	$25,084	$26,645	$34,429	$37,005	$46,678	$47,839
Municipal Conservation, Harris County MUD 151	WUG	Harris County MUD 151	$1,824,394	$28,205	$29,668	$35,329	$36,616	$47,804	$48,174
Municipal Conservation, Harris County MUD 152	WUG	Harris County MUD 152	$2,070,611	$31,400	$33,154	$40,253	$41,963	$54,636	$56,551
Municipal Conservation, Harris County MUD 153	WUG	Harris County MUD 153	$2,682,966	$43,779	$45,355	$53,222	$51,961	$67,185	$67,946
Municipal Conservation, Harris County MUD 154	WUG	Harris County MUD 154	$3,317,403	$50,264	$51,933	$63,203	$67,872	$89,315	$91,533

Project Name	Proj. Level	Sponsor	Capital Cost ($)[1]	Annual Cost ($/year)					
				2030	2040	2050	2060	2070	2080
Municipal Conservation, Harris County MUD 180	WUG	Harris County MUD 180	$1,334,885	$20,931	$22,102	$25,931	$26,787	$34,158	$35,795
Municipal Conservation, Harris County MUD 189	WUG	Harris County MUD 189	$703,679	$12,251	$12,711	$13,879	$13,561	$16,267	$16,989
Municipal Conservation, Harris County MUD 216	WUG	Harris County MUD 216	$409,057	$7,422	$7,572	$8,112	$7,826	$9,061	$9,127
Municipal Conservation, Harris County MUD 221	WUG	Harris County MUD 221	$1,061,430	$16,680	$17,391	$20,650	$21,394	$27,223	$28,050
Municipal Conservation, Harris County MUD 23	WUG	Harris County MUD 23	$886,619	$14,216	$14,750	$17,319	$17,827	$22,281	$22,689
Municipal Conservation, Harris County MUD 261	WUG	Harris County MUD 261	$375,092	$5,768	$6,199	$7,415	$7,635	$9,533	$9,592
Municipal Conservation, Harris County MUD 278	WUG	Harris County MUD 278	$3,843,576	$42,118	$44,105	$81,305	$89,302	$115,704	$118,236
Municipal Conservation, Harris County MUD 290	WUG	Harris County MUD 290	$3,483,963	$37,715	$39,953	$73,570	$80,144	$106,129	$108,853
Municipal Conservation, Harris County MUD 321	WUG	Harris County MUD 321	$132,308	$2,571	$2,720	$2,883	$2,199	$2,599	$2,588
Municipal Conservation, Harris County MUD 342	WUG	Harris County MUD 342	$1,084,244	$15,074	$15,637	$21,704	$23,721	$29,308	$29,804
Municipal Conservation, Harris County MUD 344	WUG	Harris County MUD 344	$1,237,864	$17,329	$21,615	$24,950	$25,294	$31,451	$31,474
Municipal Conservation, Harris County MUD 345	WUG	Harris County MUD 345	$1,044,458	$16,464	$17,183	$20,162	$20,786	$27,128	$27,228
Municipal Conservation, Harris County MUD 36	WUG	Harris County MUD 36	$831,557	$12,627	$13,024	$19,005	$16,204	$20,210	$20,857
Municipal Conservation, Harris County MUD 361	WUG	Harris County MUD 361	$1,433,706	$21,466	$22,592	$27,956	$29,425	$38,007	$39,246
Municipal Conservation, Harris County MUD 372	WUG	Harris County MUD 372	$677,223	$10,383	$11,352	$13,226	$13,540	$17,421	$18,003
Municipal Conservation, Harris County MUD 400	WUG	Harris County MUD 400	$8,722,413	$96,861	$97,382	$264,009	$170,251	$222,400	$213,383
Municipal Conservation, Harris County MUD 412	WUG	Harris County MUD 412	$1,395,065	$20,168	$21,185	$27,905	$29,229	$37,242	$37,775
Municipal Conservation, Harris County MUD 420	WUG	Harris County MUD 420	$410,176	$6,375	$6,591	$8,193	$8,426	$10,373	$10,596
Municipal Conservation, Harris County MUD 46	WUG	Harris County MUD 46	$897,151	$14,647	$15,092	$17,584	$17,833	$22,326	$22,331
Municipal Conservation, Harris County MUD 49	WUG	Harris County MUD 49	$2,501,104	$37,956	$40,069	$49,108	$51,754	$64,611	$66,124
Municipal Conservation, Harris County MUD 494	WUG	Harris County MUD 494	$1,172,325	$17,329	$18,250	$22,878	$24,123	$31,409	$32,435
Municipal Conservation, Harris County MUD 5	WUG	Harris County MUD 5	$1,432,556	$22,218	$23,402	$27,752	$28,833	$37,126	$39,246
Municipal Conservation, Harris County MUD 50	WUG	Harris County MUD 50	$1,162,339	$17,398	$18,445	$22,558	$23,554	$31,022	$32,569
Municipal Conservation, Harris County MUD 504	WUG	Harris County MUD 504	$853,824	$13,709	$14,186	$16,630	$17,129	$21,516	$22,124
Municipal Conservation, Harris County MUD 55	WUG	Harris County MUD 55	$5,269,820	$82,888	$85,753	$100,736	$106,511	$137,105	$139,890
Municipal Conservation, Harris County MUD 58	WUG	Harris County MUD 58	$320,827	$5,606	$5,674	$6,325	$6,231	$7,497	$7,497
Municipal Conservation, Harris County MUD 6	WUG	Harris County MUD 6	$921,454	$14,721	$15,315	$18,017	$18,554	$23,178	$23,604

Project Name	Proj. Level	Sponsor	Capital Cost ($)[1]	Annual Cost ($/year)					
				2030	2040	2050	2060	2070	2080
Municipal Conservation, Harris County MUD 8	WUG	Harris County MUD 8	$968,269	$15,455	$16,148	$19,184	$19,938	$23,694	$24,079
Municipal Conservation, Harris County MUD 96	WUG	Harris County MUD 96	$1,977,058	$29,716	$30,880	$38,802	$41,007	$51,946	$53,548
Municipal Conservation, Harris County UD 15	WUG	Harris County UD 15	$785,622	$13,109	$13,451	$15,407	$15,252	$19,369	$19,742
Municipal Conservation, Harris County WCID 1	WUG	Harris County WCID 1	$2,358,837	$36,757	$38,247	$46,037	$46,764	$61,840	$62,387
Municipal Conservation, Harris County WCID 133	WUG	Harris County WCID 133	$1,147,038	$18,172	$19,244	$22,486	$23,130	$28,745	$29,268
Municipal Conservation, Harris County WCID 156	WUG	Harris County WCID 156	$201,296	$3,242	$3,360	$3,926	$4,041	$5,058	$5,026
Municipal Conservation, Harris County WCID 161	WUG	Harris County WCID 161	$340,144	$5,465	$5,664	$6,652	$6,851	$8,528	$8,544
Municipal Conservation, Harris County WCID 50	WUG	Harris County WCID 50	$753,121	$12,212	$12,630	$14,698	$15,093	$18,770	$19,091
Municipal Conservation, Harris County WCID 70	WUG	Harris County WCID 70	$578,134	$9,343	$9,666	$11,282	$11,579	$14,494	$14,494
Municipal Conservation, Harris County WCID 74	WUG	Harris County WCID 74	$1,000,070	$15,582	$16,327	$19,767	$20,396	$25,341	$25,940
Municipal Conservation, Harris County WCID 89	WUG	Harris County WCID 89	$2,139,457	$34,595	$36,151	$41,985	$42,830	$53,077	$53,077
Municipal Conservation, Harris County WCID 96	WUG	Harris County WCID 96	$2,118,022	$31,316	$32,827	$42,814	$45,017	$54,372	$54,562
Municipal Conservation, Harris County WCID-Fondren Road	WUG	Harris County WCID-Fondren Road	$725,164	$11,465	$12,155	$14,214	$14,616	$18,212	$18,544
Municipal Conservation, Harris-Montgomery Counties MUD 386	WUG	Harris-Montgomery Counties MUD 386	$806,293	$12,498	$13,455	$15,743	$16,255	$20,503	$21,753
Municipal Conservation, Hempstead	WUG	Hempstead	$1,951,138	$32,810	$34,209	$38,970	$37,271	$47,138	$47,158
Municipal Conservation, High Prairie WSC	WUG	High Prairie WSC	$389,054	$5,995	$6,334	$7,596	$7,911	$10,047	$10,224
Municipal Conservation, Hillcrest Village	WUG	Hillcrest Village	$186,100	$3,128	$3,169	$3,678	$3,696	$4,505	$4,340
Municipal Conservation, Hilltop Lakes WSC	WUG	Hilltop Lakes WSC	$909,206	$10,205	$12,748	$18,025	$19,692	$27,222	$30,286
Municipal Conservation, Hilshire Village	WUG	Hilshire Village	$242,459	$3,960	$4,088	$4,756	$4,835	$6,009	$5,979
Municipal Conservation, Hitchcock	WUG	Hitchcock	$2,012,602	$31,645	$33,670	$39,244	$40,461	$51,002	$52,382
Municipal Conservation, HMW SUD	WUG	HMW SUD	$6,614,772	$57,615	$99,464	$132,067	$149,438	$201,625	$212,682
Municipal Conservation, Houston	WUG	Houston	$928,160,611	$17,364,601	$14,881,618	$18,329,125	$18,311,101	$21,814,351	$21,152,651
Municipal Conservation, Humble	WUG	Humble	$17,794,341	$493,546	$228,824	$332,943	$317,130	$376,596	$303,951
Municipal Conservation, Huntsville	WUG	Huntsville	$53,204,161	$1,292,321	$624,360	$850,315	$1,032,399	$1,370,112	$1,509,091
Municipal Conservation, Jacinto City	WUG	Jacinto City	$620,705	$22,470	$8,276	$12,025	$8,835	$9,971	$4,935
Municipal Conservation, Jamaica Beach	WUG	Jamaica Beach	$973,527	$15,671	$16,225	$18,956	$19,565	$24,487	$24,487
Municipal Conservation, Jersey Village	WUG	Jersey Village	$6,031,795	$51,226	$53,885	$61,584	$60,013	$362,715	$137,565

Project Name	Proj. Level	Sponsor	Capital Cost ($)[1]	Annual Cost ($/year)					
				2030	2040	2050	2060	2070	2080
Municipal Conservation, Jewett	WUG	Jewett	$126,100	$4,604	$3,343	$2,777	$1,886	$0	$0
Municipal Conservation, Johnston Water Utility	WUG	Johnston Water Utility	$992,334	$9,413	$14,155	$19,670	$22,431	$30,353	$32,114
Municipal Conservation, Katy	WUG	Katy	$19,629,446	$267,849	$302,663	$375,381	$408,196	$551,698	$571,576
Municipal Conservation, Keenan WSC	WUG	Keenan WSC	$602,094	$5,187	$7,422	$12,168	$14,122	$19,218	$20,924
Municipal Conservation, Kendleton	WUG	Kendleton	$905,468	$3,022	$17,147	$20,034	$20,620	$26,956	$27,678
Municipal Conservation, Kings Manor MUD	WUG	Kings Manor MUD	$1,062,045	$16,719	$17,501	$20,603	$21,478	$27,140	$27,635
Municipal Conservation, Kirkmont MUD	WUG	Kirkmont MUD	$621,104	$9,969	$10,515	$12,167	$12,354	$15,547	$15,584
Municipal Conservation, La Marque	WUG	La Marque	$8,874,630	$162,850	$137,623	$163,190	$176,957	$224,347	$224,960
Municipal Conservation, La Porte	WUG	La Porte	$23,119,005	$594,377	$368,817	$400,131	$420,263	$480,439	$478,735
Municipal Conservation, Lake Bonanza WSC	WUG	Lake Bonanza WSC	$1,022,338	$11,314	$14,229	$19,876	$22,783	$30,741	$32,908
Municipal Conservation, Lake Conroe Hills MUD	WUG	Lake Conroe Hills MUD	$767,022	$10,154	$12,400	$15,060	$16,031	$20,853	$22,042
Municipal Conservation, Lake Jackson	WUG	Lake Jackson	$15,307,159	$477,994	$218,684	$250,982	$254,772	$302,147	$261,369
Municipal Conservation, Lake MUD	WUG	Lake MUD	$2,021,491	$30,518	$32,670	$39,114	$40,602	$53,698	$55,471
Municipal Conservation, Lazy River Improvement District	WUG	Lazy River Improvement District	$374,802	$5,512	$6,013	$7,209	$7,659	$10,037	$10,502
Municipal Conservation, League City	WUG	League City	$59,373,682	$882,847	$980,859	$1,185,593	$1,254,897	$1,481,824	$1,513,482
Municipal Conservation, Leggett WSC	WUG	Leggett WSC	$554,465	$8,351	$9,202	$10,940	$11,037	$14,412	$15,045
Municipal Conservation, Liberty	WUG	Liberty	$2,429,683	$41,519	$42,450	$48,784	$45,936	$58,391	$58,883
Municipal Conservation, Liberty County FWSD 1 Hull	WUG	Liberty County FWSD 1 Hull	$208,655	$3,414	$3,519	$4,088	$4,141	$5,185	$5,185
Municipal Conservation, Livingston	WUG	Livingston	$2,548,265	$41,287	$44,874	$51,947	$47,905	$62,307	$65,065
Municipal Conservation, Longhorn Town UD	WUG	Longhorn Town UD	$448,947	$7,721	$7,876	$8,919	$8,583	$10,697	$10,987
Municipal Conservation, Luce Bayou PUD	WUG	Luce Bayou PUD	$189,760	$0	$3,784	$4,433	$4,523	$5,665	$5,710
Municipal Conservation, Madisonville	WUG	Madisonville	$1,459,357	$25,941	$26,085	$29,354	$27,165	$33,998	$33,927
Municipal Conservation, Magnolia	WUG	Magnolia	$1,576,295	$21,172	$25,381	$33,347	$32,011	$41,436	$42,825
Municipal Conservation, Manvel	WUG	Manvel	$7,997,808	$42,312	$67,373	$208,762	$190,359	$262,815	$281,598
Municipal Conservation, Mason Creek UD	WUG	Mason Creek UD	$1,943,747	$31,469	$32,781	$37,956	$38,363	$48,828	$49,777
Municipal Conservation, Meadowcreek MUD	WUG	Meadowcreek MUD	$684,235	$10,768	$11,141	$13,353	$13,832	$17,549	$17,805
Municipal Conservation, Meadows Place	WUG	Meadows Place	$1,434,348	$21,477	$22,825	$27,598	$29,524	$38,079	$39,318

Project Name	Proj. Level	Sponsor	Capital Cost ($)[1]	Annual Cost ($/year)					
				2030	2040	2050	2060	2070	2080
Municipal Conservation, Memorial Point UD	WUG	Memorial Point UD	$346,267	$4,996	$5,591	$6,723	$7,119	$9,232	$9,657
Municipal Conservation, Memorial Villages Water Authority	WUG	Memorial Villages Water Authority	$6,288,600	$152,981	$90,070	$117,641	$123,449	$131,113	$136,060
Municipal Conservation, Mercy WSC	WUG	Mercy WSC	$602,471	$10,035	$10,334	$11,855	$11,928	$14,628	$14,671
Municipal Conservation, Missouri City	WUG	Missouri City	$5,420,251	$43,551	$109,854	$104,190	$115,537	$153,386	$155,071
Municipal Conservation, Mont Belvieu	WUG	Mont Belvieu	$10,117,859	$166,722	$148,079	$154,769	$217,269	$289,524	$354,229
Municipal Conservation, Montgomery	WUG	Montgomery	$1,910,009	$26,023	$33,634	$39,638	$38,207	$48,571	$49,279
Municipal Conservation, Montgomery County MUD 105	WUG	Montgomery County MUD 105	$348,602	$4,981	$5,480	$6,745	$7,198	$9,477	$9,792
Municipal Conservation, Montgomery County MUD 112	WUG	Montgomery County MUD 112	$1,371,753	$20,477	$22,353	$27,393	$27,530	$35,002	$44,203
Municipal Conservation, Montgomery County MUD 115	WUG	Montgomery County MUD 115	$1,385,396	$21,179	$22,430	$27,072	$27,917	$36,202	$37,396
Municipal Conservation, Montgomery County MUD 119	WUG	Montgomery County MUD 119	$5,985,823	$49,249	$167,163	$107,633	$114,094	$146,345	$140,983
Municipal Conservation, Montgomery County MUD 126	WUG	Montgomery County MUD 126	$372,729	$4,437	$5,049	$7,162	$7,816	$11,659	$11,499
Municipal Conservation, Montgomery County MUD 137	WUG	Montgomery County MUD 137	$873,420	$10,530	$13,111	$17,404	$19,041	$24,740	$25,160
Municipal Conservation, Montgomery County MUD 139	WUG	Montgomery County MUD 139	$1,563,175	$28,608	$28,551	$31,824	$28,235	$35,545	$35,545
Municipal Conservation, Montgomery County MUD 15	WUG	Montgomery County MUD 15	$1,790,712	$26,397	$29,186	$34,935	$36,512	$47,098	$49,432
Municipal Conservation, Montgomery County MUD 18	WUG	Montgomery County MUD 18	$2,158,665	$31,764	$34,878	$42,067	$44,175	$57,088	$58,945
Municipal Conservation, Montgomery County MUD 19	WUG	Montgomery County MUD 19	$449,006	$8,339	$8,419	$9,104	$8,321	$9,738	$9,796
Municipal Conservation, Montgomery County MUD 24	WUG	Montgomery County MUD 24	$563,391	$7,850	$9,719	$11,459	$11,198	$14,597	$15,161
Municipal Conservation, Montgomery County MUD 56	WUG	Montgomery County MUD 56	$293,209	$4,208	$4,558	$5,796	$6,078	$7,864	$8,169
Municipal Conservation, Montgomery County MUD 8	WUG	Montgomery County MUD 8	$3,309,289	$49,660	$53,278	$64,140	$67,539	$87,296	$90,159
Municipal Conservation, Montgomery County MUD 83	WUG	Montgomery County MUD 83	$717,644	$10,600	$11,491	$13,895	$14,748	$19,065	$19,654
Municipal Conservation, Montgomery County MUD 84	WUG	Montgomery County MUD 84	$950,375	$13,732	$15,054	$18,381	$19,668	$25,555	$26,475
Municipal Conservation, Montgomery County MUD 88	WUG	Montgomery County MUD 88	$1,062,372	$17,420	$17,934	$20,772	$20,655	$26,695	$27,612
Municipal Conservation, Montgomery County MUD 89	WUG	Montgomery County MUD 89	$1,468,135	$22,608	$23,877	$28,503	$29,492	$38,353	$39,805
Municipal Conservation, Montgomery County MUD 9	WUG	Montgomery County MUD 9	$3,290,470	$49,664	$52,765	$63,623	$67,111	$86,895	$89,890
Municipal Conservation, Montgomery County MUD 94	WUG	Montgomery County MUD 94	$1,722,371	$24,732	$27,679	$33,462	$35,554	$46,045	$47,651

Project Name	Proj. Level	Sponsor	Capital Cost ($)[1]	Annual Cost ($/year)					
				2030	2040	2050	2060	2070	2080
Municipal Conservation, Montgomery County MUD 95	WUG	Montgomery County MUD 95	$1,700,463	$23,958	$30,069	$36,381	$32,943	$42,419	$42,763
Municipal Conservation, Montgomery County MUD 98	WUG	Montgomery County MUD 98	$710,560	$10,673	$11,334	$13,700	$14,514	$18,851	$19,840
Municipal Conservation, Montgomery County MUD 99	WUG	Montgomery County MUD 99	$768,215	$10,939	$12,157	$15,833	$15,143	$20,672	$20,775
Municipal Conservation, Montgomery County UD 2	WUG	Montgomery County UD 2	$941,299	$13,230	$15,654	$18,624	$19,317	$24,758	$25,469
Municipal Conservation, Montgomery County UD 3	WUG	Montgomery County UD 3	$2,600,435	$39,129	$41,739	$50,412	$52,865	$68,763	$71,355
Municipal Conservation, Montgomery County UD 4	WUG	Montgomery County UD 4	$2,681,844	$40,512	$43,161	$52,014	$54,454	$70,711	$73,324
Municipal Conservation, Montgomery County WCID 1	WUG	Montgomery County WCID 1	$2,078,112	$30,813	$35,194	$41,259	$42,291	$52,784	$54,702
Municipal Conservation, Morgans Point	WUG	Morgans Point	$170,766	$2,928	$3,134	$3,524	$3,168	$3,942	$3,806
Municipal Conservation, Mount Houston Road MUD	WUG	Mount Houston Road MUD	$1,404,846	$22,290	$23,540	$27,564	$28,338	$35,173	$35,796
Municipal Conservation, MSEC Enterprises	WUG	MSEC Enterprises	$15,554,627	$200,700	$220,381	$298,482	$349,983	$439,675	$462,417
Municipal Conservation, Nassau Bay	WUG	Nassau Bay	$1,489,763	$25,680	$26,324	$29,734	$28,576	$35,158	$35,043
Municipal Conservation, Needville	WUG	Needville	$1,766,011	$16,389	$27,362	$37,484	$39,682	$50,503	$51,811
Municipal Conservation, New Caney MUD	WUG	New Caney MUD	$9,823,300	$110,134	$138,871	$186,199	$216,066	$299,610	$314,500
Municipal Conservation, New Waverly	WUG	New Waverly	$274,651	$6,274	$5,615	$5,663	$4,539	$4,944	$4,301
Municipal Conservation, Newport MUD	WUG	Newport MUD	$5,780,504	$83,136	$85,404	$108,947	$121,720	$162,354	$164,894
Municipal Conservation, Nitsch and Son Utility	WUG	Nitsch and Son Utility	$522,047	$8,355	$8,661	$10,171	$10,477	$13,191	$13,497
Municipal Conservation, Normangee	WUG	Normangee	$132,650	$3,728	$2,925	$2,632	$1,954	$2,026	$0
Municipal Conservation, North Belt UD	WUG	North Belt UD	$894,827	$13,627	$13,882	$18,212	$18,414	$23,012	$23,357
Municipal Conservation, North Channel Water Authority	WUG	North Channel Water Authority	$47,407,394	$692,892	$762,707	$948,992	$1,019,032	$1,195,366	$1,217,504
Municipal Conservation, North Forest MUD	WUG	North Forest MUD	$380,184	$6,033	$6,251	$7,429	$7,646	$9,639	$10,204
Municipal Conservation, North Fort Bend Water Authority	WUG	North Fort Bend Water Authority	$278,453,191	$4,776,577	$4,112,567	$5,299,492	$5,792,103	$7,158,369	$7,062,111
Municipal Conservation, North Green MUD	WUG	North Green MUD	$650,825	$10,719	$11,111	$12,733	$13,074	$15,833	$16,125
Municipal Conservation, North Harris County Regional Water Authority	WUG	North Harris County Regional Water Authority	$611,387,103	$14,052,432	$9,012,884	$11,146,017	$11,425,442	$14,193,203	$13,087,323
Municipal Conservation, North Zulch MUD	WUG	North Zulch MUD	$926,523	$14,838	$15,373	$18,052	$18,586	$23,409	$23,943
Municipal Conservation, Northeast Harris County MUD 1	WUG	Northeast Harris County MUD 1	$416,930	$6,992	$7,181	$8,271	$8,052	$10,134	$10,630
Municipal Conservation, Northwest Harris County MUD 16	WUG	Northwest Harris County MUD 16	$1,063,355	$16,835	$17,783	$20,730	$20,974	$27,216	$27,975

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				2030	2040	2050	2060	2070	2080
Municipal Conservation, Oak Hollow Utility	WUG	Oak Hollow Utility	$542,906	$8,617	$8,937	$10,505	$10,949	$13,864	$14,186
Municipal Conservation, Oak Ridge North	WUG	Oak Ridge North	$1,247,418	$17,864	$21,210	$25,189	$25,490	$31,808	$31,808
Municipal Conservation, Onalaska WSC	WUG	Onalaska WSC	$1,714,496	$24,172	$27,145	$33,108	$35,433	$46,613	$49,786
Municipal Conservation, One Five O WSC	WUG	One Five O WSC	$766,670	$12,630	$13,049	$15,033	$15,233	$18,835	$18,870
Municipal Conservation, Oyster Creek	WUG	Oyster Creek	$417,195	$7,367	$7,497	$8,512	$7,918	$9,523	$9,025
Municipal Conservation, P B & S C WSC	WUG	P B & S C WSC	$517,093	$8,689	$8,923	$10,193	$10,206	$12,467	$12,313
Municipal Conservation, Palmer Plantation MUD 1	WUG	Palmer Plantation MUD 1	$552,844	$8,983	$9,309	$10,810	$10,931	$13,813	$14,384
Municipal Conservation, Palmer Plantation MUD 2	WUG	Palmer Plantation MUD 2	$702,919	$11,238	$11,648	$13,702	$14,109	$17,776	$18,189
Municipal Conservation, Panorama Village	WUG	Panorama Village	$1,110,493	$16,714	$18,013	$21,553	$22,667	$29,115	$29,873
Municipal Conservation, Parkway MUD	WUG	Parkway MUD	$1,903,798	$30,107	$31,841	$37,295	$38,401	$47,844	$48,918
Municipal Conservation, Pasadena	WUG	Pasadena	$67,967,584	$1,238,826	$1,096,781	$1,338,077	$1,346,829	$1,619,184	$1,570,614
Municipal Conservation, Pattison WSC	WUG	Pattison WSC	$425,820	$6,631	$6,870	$8,359	$8,574	$11,022	$11,260
Municipal Conservation, Patton Village	WUG	Patton Village	$697,363	$7,244	$8,746	$12,740	$16,890	$21,828	$22,883
Municipal Conservation, Pearland	WUG	Pearland	$102,019,474	$2,053,063	$1,586,540	$1,893,581	$2,011,070	$2,432,154	$2,255,394
Municipal Conservation, Pecan Grove MUD 1	WUG	Pecan Grove MUD 1	$8,365,415	$175,348	$127,038	$150,725	$162,327	$201,584	$195,195
Municipal Conservation, Phelps SUD	WUG	Phelps SUD	$511,729	$7,702	$8,144	$9,933	$10,446	$13,517	$14,309
Municipal Conservation, Pine Village PUD	WUG	Pine Village PUD	$721,696	$11,198	$12,024	$14,112	$14,785	$18,188	$18,626
Municipal Conservation, Pinehurst Decker Prairie WSC	WUG	Pinehurst Decker Prairie WSC	$589,185	$6,062	$7,886	$10,992	$13,537	$18,459	$19,825
Municipal Conservation, Pinewood Community	WUG	Pinewood Community	$270,038	$4,033	$4,321	$5,216	$5,498	$7,196	$7,398
Municipal Conservation, Plantation MUD	WUG	Plantation MUD	$1,107,372	$16,553	$17,627	$21,774	$22,714	$29,028	$30,412
Municipal Conservation, Point Aquarius MUD	WUG	Point Aquarius MUD	$1,354,539	$15,822	$20,051	$26,829	$29,865	$38,850	$40,369
Municipal Conservation, Porter SUD	WUG	Porter SUD	$11,645,575	$137,645	$172,049	$224,642	$253,315	$340,691	$362,155
Municipal Conservation, Prairie View	WUG	Prairie View	$1,568,954	$19,118	$24,034	$30,148	$33,124	$45,606	$48,654
Municipal Conservation, Prairie View A&M University	WUG	Prairie View A&M University	$3,579,869	$55,867	$58,834	$69,585	$72,294	$91,891	$95,159
Municipal Conservation, Providence WSC	WUG	Providence WSC	$651,788	$10,082	$11,352	$13,127	$12,836	$16,269	$15,128
Municipal Conservation, Quadvest	WUG	Quadvest	$32,321,486	$415,290	$439,756	$602,470	$716,590	$955,540	$1,025,026
Municipal Conservation, Quail Valley UD	WUG	Quail Valley UD	$6,923,410	$161,811	$99,644	$113,537	$134,968	$166,425	$159,560

Project Name	Proj. Level	Sponsor	Capital Cost ($)[1]	Annual Cost ($/year)					
				2030	2040	2050	2060	2070	2080
Municipal Conservation, Ranch Crest Water	WUG	Ranch Crest Water	$376,497	$5,183	$6,262	$7,540	$7,772	$9,882	$10,107
Municipal Conservation, Rayford Road MUD	WUG	Rayford Road MUD	$3,225,844	$50,994	$53,505	$63,338	$63,858	$82,406	$84,834
Municipal Conservation, Raywood WSC	WUG	Raywood WSC	$402,027	$6,283	$6,492	$7,565	$7,947	$10,727	$11,887
Municipal Conservation, Richmond	WUG	Richmond	$7,703,270	$137,871	$119,064	$143,923	$151,368	$197,486	$206,150
Municipal Conservation, Richwood	WUG	Richwood	$1,170,320	$20,327	$20,387	$23,171	$23,026	$27,447	$26,740
Municipal Conservation, River Plantation MUD	WUG	River Plantation MUD	$1,302,791	$13,938	$18,294	$24,709	$31,109	$38,388	$38,411
Municipal Conservation, Riverside SUD	WUG	Riverside SUD	$1,870,793	$25,664	$27,851	$35,222	$39,159	$53,270	$59,133
Municipal Conservation, Rolling Fork PUD	WUG	Rolling Fork PUD	$661,905	$10,430	$11,005	$13,185	$13,365	$16,548	$16,575
Municipal Conservation, Roman Forest Consolidated MUD	WUG	Roman Forest Consolidated MUD	$956,467	$8,507	$11,884	$17,504	$22,908	$31,663	$31,807
Municipal Conservation, Rosenberg	WUG	Rosenberg	$26,160,676	$292,326	$366,945	$504,570	$576,708	$790,919	$845,996
Municipal Conservation, Royal Valley Utilities	WUG	Royal Valley Utilities	$815,084	$10,892	$12,493	$15,206	$17,771	$22,758	$23,884
Municipal Conservation, Sagemeadow UD	WUG	Sagemeadow UD	$1,658,164	$26,501	$27,760	$32,270	$32,976	$41,953	$43,564
Municipal Conservation, San Jacinto SUD	WUG	San Jacinto SUD	$940,997	$15,802	$16,246	$18,549	$18,591	$22,673	$22,387
Municipal Conservation, San Leon MUD	WUG	San Leon MUD	$2,189,037	$33,259	$35,681	$42,944	$44,598	$56,582	$58,397
Municipal Conservation, Seabrook	WUG	Seabrook	$9,703,007	$329,960	$134,122	$151,047	$156,874	$183,802	$144,957
Municipal Conservation, Sealy	WUG	Sealy	$2,150,869	$35,347	$37,174	$43,792	$41,381	$52,128	$52,649
Municipal Conservation, Sedona Lakes MUD 1	WUG	Sedona Lakes MUD 1	$574,009	$8,052	$8,776	$11,399	$12,222	$15,387	$15,649
Municipal Conservation, Sequoia Improvement District	WUG	Sequoia Improvement District	$282,164	$4,623	$4,763	$5,546	$5,631	$6,957	$6,964
Municipal Conservation, Shenandoah	WUG	Shenandoah	$2,323,078	$36,517	$43,577	$49,557	$43,082	$54,127	$54,478
Municipal Conservation, Shepherd	WUG	Shepherd	$739,735	$12,570	$12,887	$14,627	$14,535	$17,649	$17,055
Municipal Conservation, Shoreacres	WUG	Shoreacres	$513,626	$8,239	$8,526	$10,013	$10,306	$12,976	$13,026
Municipal Conservation, Sienna Plantation	WUG	Sienna Plantation	$20,210,290	$465,249	$290,710	$353,069	$383,208	$482,029	$467,640
Municipal Conservation, Soda WSC	WUG	Soda WSC	$662,149	$9,305	$10,476	$12,780	$13,714	$18,013	$19,269
Municipal Conservation, South Cleveland WSC	WUG	South Cleveland WSC	$4,101,946	$20,193	$46,939	$75,020	$97,871	$151,912	$182,596
Municipal Conservation, South Houston	WUG	South Houston	$4,316,054	$73,334	$73,820	$85,218	$81,716	$106,749	$107,684
Municipal Conservation, Southeast WSC	WUG	Southeast WSC	$951,171	$15,567	$15,977	$18,582	$18,950	$23,645	$23,961
Municipal Conservation, Southern Montgomery County MUD	WUG	Southern Montgomery County MUD	$3,576,276	$42,162	$63,059	$73,272	$72,939	$96,297	$98,986

Project Name	Proj. Level	Sponsor	Capital Cost ($)[1]	Annual Cost ($/year)					
				2030	2040	2050	2060	2070	2080
Municipal Conservation, Southern Water	WUG	Southern Water	$1,103,448	$16,884	$17,586	$21,729	$22,951	$28,308	$28,868
Municipal Conservation, Southside Place	WUG	Southside Place	$516,254	$8,866	$9,162	$10,354	$9,999	$12,060	$11,844
Municipal Conservation, Southwest Harris County MUD 1	WUG	Southwest Harris County MUD 1	$178,864	$6,300	$2,528	$2,638	$3,273	$2,798	$3,494
Municipal Conservation, Splendora	WUG	Splendora	$8,072,498	$71,069	$94,588	$140,331	$188,319	$283,665	$292,778
Municipal Conservation, Spring Creek UD	WUG	Spring Creek UD	$4,907,063	$71,672	$75,484	$92,774	$101,929	$134,792	$140,553
Municipal Conservation, Spring Meadows MUD	WUG	Spring Meadows MUD	$1,203,322	$16,228	$20,456	$24,179	$24,904	$31,357	$32,082
Municipal Conservation, Spring Valley	WUG	Spring Valley	$1,892,786	$30,505	$32,329	$37,487	$37,565	$46,735	$46,576
Municipal Conservation, Stanley Lake MUD	WUG	Stanley Lake MUD	$1,203,644	$18,913	$20,005	$23,686	$23,874	$30,709	$31,774
Municipal Conservation, Suburban Utility	WUG	Suburban Utility	$1,519,062	$18,835	$20,654	$31,038	$33,766	$43,163	$44,502
Municipal Conservation, Sugar Land	WUG	Sugar Land	$80,623,329	$1,583,559	$1,249,117	$1,540,923	$1,576,033	$1,924,658	$1,880,429
Municipal Conservation, Sunbelt FWSD	WUG	Sunbelt FWSD	$9,654,586	$148,051	$154,120	$185,428	$199,228	$252,970	$256,616
Municipal Conservation, Surfside Beach	WUG	Surfside Beach	$848,717	$15,651	$15,849	$17,545	$15,588	$18,501	$17,377
Municipal Conservation, Sweeny	WUG	Sweeny	$1,107,901	$18,944	$19,381	$22,130	$21,367	$26,410	$25,581
Municipal Conservation, T & W Water Service	WUG	T & W Water Service	$18,834,451	$130,128	$330,381	$352,997	$428,324	$581,455	$601,601
Municipal Conservation, Tarkington SUD	WUG	Tarkington SUD	$1,228,577	$18,643	$19,675	$23,737	$24,980	$32,429	$33,937
Municipal Conservation, TDCJ Darrington Unit	WUG	TDCJ Darrington Unit	$480,722	$7,865	$8,143	$9,350	$9,624	$11,918	$11,722
Municipal Conservation, TDCJ Ferguson Unit	WUG	TDCJ Ferguson Unit	$652,991	$10,525	$10,897	$12,732	$13,104	$16,401	$16,401
Municipal Conservation, TDCJ Jester Units	WUG	TDCJ Jester Units	$465,543	$7,504	$7,769	$9,077	$9,342	$11,693	$11,693
Municipal Conservation, TDCJ Ramsey Area	WUG	TDCJ Ramsey Area	$2,282,715	$36,793	$38,094	$44,507	$45,809	$57,335	$57,335
Municipal Conservation, Tempe WSC 1	WUG	Tempe WSC 1	$702,193	$11,032	$12,406	$15,134	$13,654	$16,474	$15,193
Municipal Conservation, Texas City	WUG	Texas City	$21,251,622	$315,313	$334,676	$407,891	$438,463	$570,366	$584,532
Municipal Conservation, The Commons Water Supply	WUG	The Commons Water Supply	$784,176	$12,639	$13,086	$15,290	$15,737	$19,696	$19,696
Municipal Conservation, The Woodlands	WUG	The Woodlands	$80,426,503	$1,881,576	$1,256,320	$1,503,517	$1,386,854	$1,820,880	$1,935,033
Municipal Conservation, Thunderbird UD	WUG	Thunderbird UD	$1,714,912	$26,575	$27,888	$34,307	$34,302	$43,854	$45,652
Municipal Conservation, Tomball	WUG	Tomball	$10,588,219	$200,793	$173,265	$220,629	$192,189	$246,413	$255,329
Municipal Conservation, Trail of the Lakes MUD	WUG	Trail of the Lakes MUD	$3,583,257	$53,403	$55,406	$67,909	$73,915	$97,709	$99,837
Municipal Conservation, Trinity	WUG	Trinity	$938,260	$17,225	$16,706	$18,334	$17,993	$21,492	$20,760

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				2030	2040	2050	2060	2070	2080
Municipal Conservation, Trinity Bay Conservation District	WUG	Trinity Bay Conservation District	$13,285,853	$126,473	$142,320	$177,557	$418,312	$418,935	$449,883
Municipal Conservation, Trinity Rural WSC	WUG	Trinity Rural WSC	$760,840	$13,977	$13,522	$14,826	$14,591	$17,474	$16,940
Municipal Conservation, Valley Ranch MUD 1	WUG	Valley Ranch MUD 1	$1,157,262	$15,359	$18,369	$22,995	$24,382	$31,321	$33,002
Municipal Conservation, Varner Creek UD	WUG	Varner Creek UD	$769,279	$12,912	$13,279	$15,023	$15,096	$18,789	$18,289
Municipal Conservation, Walker County SUD	WUG	Walker County SUD	$4,427,857	$39,165	$63,374	$83,715	$99,680	$141,056	$157,957
Municipal Conservation, Waller	WUG	Waller	$1,498,505	$21,934	$24,871	$30,030	$30,303	$38,756	$39,565
Municipal Conservation, Wallis	WUG	Wallis	$447,255	$7,208	$7,441	$8,709	$8,941	$11,270	$11,565
Municipal Conservation, Waterwood MUD 1	WUG	Waterwood MUD 1	$363,973	$6,201	$6,360	$7,202	$7,144	$8,654	$8,363
Municipal Conservation, Webster	WUG	Webster	$13,918,742	$650,947	$216,199	$212,046	$175,635	$124,809	$122,382
Municipal Conservation, West Columbia	WUG	West Columbia	$1,378,909	$22,870	$23,459	$27,106	$27,340	$33,768	$33,479
Municipal Conservation, West End WSC	WUG	West End WSC	$308,457	$4,963	$5,121	$6,010	$6,168	$7,789	$7,947
Municipal Conservation, West Harris County MUD 6	WUG	West Harris County MUD 6	$471,872	$7,951	$8,245	$9,245	$9,340	$11,255	$11,512
Municipal Conservation, West Harris County Regional Water Authority	WUG	West Harris County Regional Water Authority	$293,716,822	$4,451,986	$4,896,356	$5,815,102	$6,106,032	$7,341,511	$7,606,952
Municipal Conservation, West University Place	WUG	West University Place	$8,185,659	$159,974	$128,629	$150,063	$163,203	$197,315	$193,819
Municipal Conservation, Westfield Garden Park	WUG	Westfield Garden Park	$136,745	$2,195	$2,291	$2,677	$2,755	$3,415	$3,415
Municipal Conservation, Westwood North WSC	WUG	Westwood North WSC	$1,009,025	$14,589	$15,773	$20,698	$20,758	$26,021	$30,635
Municipal Conservation, Westwood Shores MUD	WUG	Westwood Shores MUD	$449,957	$8,393	$8,114	$8,819	$8,545	$10,165	$9,597
Municipal Conservation, White Oak WSC	WUG	White Oak WSC	$625,123	$7,267	$9,061	$11,629	$13,863	$18,619	$20,733
Municipal Conservation, Willis	WUG	Willis	$2,408,521	$38,550	$36,363	$45,438	$49,093	$64,610	$67,981
Municipal Conservation, Willow Creek Farms MUD	WUG	Willow Creek Farms MUD	$1,353,983	$18,454	$20,031	$27,088	$29,007	$37,107	$37,113
Municipal Conservation, Windfern Forest Utility District	WUG	Windfern Forest Utility District	$1,300,774	$21,423	$21,994	$25,568	$26,217	$31,709	$31,664
Municipal Conservation, Wood Branch Village	WUG	Wood Branch Village	$823,466	$7,559	$9,992	$14,924	$20,498	$26,576	$27,976
Municipal Conservation, Wood Trace MUD 1	WUG	Wood Trace MUD 1	$708,065	$12,627	$10,654	$12,883	$14,023	$18,648	$19,715
Municipal Conservation, Woodcreek MUD	WUG	Woodcreek MUD	$675,700	$11,103	$11,429	$13,258	$13,366	$16,740	$16,740
Municipal Conservation, Woodland Oaks Utility	WUG	Woodland Oaks Utility	$1,252,030	$16,251	$18,982	$24,433	$26,647	$35,170	$37,200
Municipal Conservation, Woodridge MUD	WUG	Woodridge MUD	$617,438	$8,069	$9,610	$11,949	$13,001	$17,256	$18,588
Municipal Drought Management, Alvin	WUG	Alvin	$0	$1,377	$1,236	$1,510	$1,503	$1,423	$1,330

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				2030	2040	2050	2060	2070	2080
Municipal Drought Management, Brazoria County MUD 21	WUG	Brazoria County MUD 21	$0	$83	$36	$36	$36	$36	$36
Municipal Drought Management, Brazoria County MUD 25	WUG	Brazoria County MUD 25	$0	$38	$37	$37	$36	$36	$35
Municipal Drought Management, Brazoria County MUD 29	WUG	Brazoria County MUD 29	$0	$265	$246	$246	$244	$238	$233
Municipal Drought Management, Brazoria County MUD 31	WUG	Brazoria County MUD 31	$0	$122	$122	$55	$55	$0	$0
Municipal Drought Management, Conroe	WUG	Conroe	$0	$1,647	$1,758	$1,980	$2,251	$2,425	$2,494
Municipal Drought Management, Cut & Shoot	WUG	Cut & Shoot	$0	$186	$189	$239	$249	$263	$220
Municipal Drought Management, Fort Bend County MUD 115	WUG	Fort Bend County MUD 115	$0	$0	$0	$227	$223	$215	$211
Municipal Drought Management, Fort Bend County MUD 116	WUG	Fort Bend County MUD 116	$0	$0	$145	$145	$142	$141	$138
Municipal Drought Management, Fort Bend County MUD 155	WUG	Fort Bend County MUD 155	$0	$0	$63	$93	$81	$73	$70
Municipal Drought Management, Fort Bend County MUD 158	WUG	Fort Bend County MUD 158	$0	$0	$72	$62	$57	$118	$113
Municipal Drought Management, Fort Bend County MUD 162	WUG	Fort Bend County MUD 162	$0	$0	$0	$0	$17	$13	$12
Municipal Drought Management, Fort Bend County MUD 25	WUG	Fort Bend County MUD 25	$0	$200	$153	$151	$115	$114	$83
Municipal Drought Management, Fort Bend County MUD 42	WUG	Fort Bend County MUD 42	$0	$0	$0	$0	$72	$70	$68
Municipal Drought Management, Fort Bend County MUD 49	WUG	Fort Bend County MUD 49	$0	$67	$0	$0	$0	$57	$0
Municipal Drought Management, Fort Bend County WCID 2	WUG	Fort Bend County WCID 2	$0	$988	$866	$782	$714	$731	$705
Municipal Drought Management, Grand Oaks MUD	WUG	Grand Oaks MUD	$0	$0	$136	$133	$131	$128	$126
Municipal Drought Management, Harris County FWSD 27	WUG	Harris County FWSD 27	$0	$139	$209	$197	$191	$259	$271
Municipal Drought Management, Harris County MUD 153	WUG	Harris County MUD 153	$0	$0	$3	$3	$3	$2	$2
Municipal Drought Management, Harris County MUD 345	WUG	Harris County MUD 345	$0	$0	$289	$287	$286	$274	$273
Municipal Drought Management, Harris County MUD 50	WUG	Harris County MUD 50	$0	$114	$49	$47	$47	$45	$43
Municipal Drought Management, Harris County MUD 58	WUG	Harris County MUD 58	$0	$0	$103	$26	$26	$26	$26
Municipal Drought Management, Harris County MUD 6	WUG	Harris County MUD 6	$0	$0	$112	$112	$112	$113	$50
Municipal Drought Management, Harris County WCID 1	WUG	Harris County WCID 1	$0	$636	$540	$517	$432	$479	$404
Municipal Drought Management, Harris County WCID 74	WUG	Harris County WCID 74	$0	$0	$776	$897	$895	$760	$760

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				2030	2040	2050	2060	2070	2080
Municipal Drought Management, Katy	WUG	Katy	$0	$115	$122	$121	$126	$129	$123
Municipal Drought Management, Lake Jackson	WUG	Lake Jackson	$0	$41	$0	$0	$0	$0	$0
Municipal Drought Management, Magnolia	WUG	Magnolia	$0	$59	$448	$522	$571	$554	$536
Municipal Drought Management, Mason Creek UD	WUG	Mason Creek UD	$0	$0	$4	$4	$4	$4	$4
Municipal Drought Management, Montgomery County MUD 119	WUG	Montgomery County MUD 119	$0	$110	$402	$385	$369	$416	$400
Municipal Drought Management, Montgomery County MUD 18	WUG	Montgomery County MUD 18	$0	$0	$1,468	$1,416	$1,368	$1,324	$1,474
Municipal Drought Management, Montgomery County MUD 24	WUG	Montgomery County MUD 24	$0	$18	$0	$0	$0	$0	$0
Municipal Drought Management, Montgomery County MUD 83	WUG	Montgomery County MUD 83	$0	$0	$12	$12	$12	$11	$11
Municipal Drought Management, Montgomery County MUD 88	WUG	Montgomery County MUD 88	$0	$135	$135	$134	$134	$130	$125
Municipal Drought Management, Montgomery County MUD 89	WUG	Montgomery County MUD 89	$0	$115	$162	$157	$207	$200	$192
Municipal Drought Management, MSEC Enterprises	WUG	MSEC Enterprises	$0	$1,116	$1,347	$1,561	$1,637	$1,523	$1,522
Municipal Drought Management, New Caney MUD	WUG	New Caney MUD	$0	$0	$1,134	$1,200	$1,215	$1,252	$1,144
Municipal Drought Management, North Belt UD	WUG	North Belt UD	$0	$0	$15	$13	$12	$12	$12
Municipal Drought Management, North Channel Water Authority	WUG	North Channel Water Authority	$0	$6,474	$5,354	$5,205	$4,775	$4,358	$0
Municipal Drought Management, North Fort Bend Water Authority	WUG	North Fort Bend Water Authority	$0	$71,363	$68,425	$68,642	$66,761	$68,293	$67,943
Municipal Drought Management, Oak Ridge North	WUG	Oak Ridge North	$0	$0	$6,855	$6,446	$6,359	$5,769	$5,163
Municipal Drought Management, Richwood	WUG	Richwood	$0	$34	$35	$35	$0	$0	$0
Municipal Drought Management, Roman Forest Consolidated MUD	WUG	Roman Forest Consolidated MUD	$0	$0	$288	$354	$395	$487	$355
Municipal Drought Management, Rosenberg	WUG	Rosenberg	$0	$237	$208	$208	$175	$151	$109
Municipal Drought Management, TDCJ Ramsey Area	WUG	TDCJ Ramsey Area	$0	$2,269	$2,269	$2,269	$2,269	$2,269	$2,269
Municipal Drought Management, The Woodlands	WUG	The Woodlands	$0	$117	$34,476	$33,627	$32,606	$34,322	$37,431
Municipal Drought Management, Valley Ranch MUD 1	WUG	Valley Ranch MUD 1	$0	$740	$0	$0	$0	$0	$0
Municipal Drought Management, West Harris County Regional Water Authority	WUG	West Harris County Regional Water Authority	$0	$25,708	$22,211	$21,463	$20,405	$20,431	$19,534
Municipal Drought Management, Woodridge MUD	WUG	Woodridge MUD	$0	$22	$0	$0	$0	$0	$0
Municipal Irrigation Reuse Development, Brazoria County	WUG	County-Other, Brazoria	$6,976,737	$133,206	$274,703	$368,977	$383,269	$410,926	$456,346

Project Name	Proj. Level	Sponsor	Capital Cost ($)[1]	Annual Cost ($/year)					
				2030	2040	2050	2060	2070	2080
Municipal Irrigation Reuse Development, Chambers County	WUG	County-Other, Chambers	$11,052,579	$69,775	$314,660	$540,014	$721,151	$899,761	$1,124,098
Municipal Irrigation Reuse Development, CHCRWA	WUG	Central Harris County Regional Water Authority	$640,638	$69,938	$103,922	$117,842	$126,737	$188,014	$230,504
Municipal Irrigation Reuse Development, Fort Bend County	WUG	County-Other, Fort Bend	$76,491,907	$1,332,811	$3,648,690	$4,783,805	$5,504,285	$6,203,860	$6,886,036
Municipal Irrigation Reuse Development, Harris County	WUG	County-Other, Harris	$33,720,187	$1,947,745	$3,130,443	$3,181,053	$3,154,467	$3,279,051	$3,368,119
Municipal Irrigation Reuse Development, Liberty County	WUG	County-Other, Liberty	$17,829,496	$209,325	$579,373	$834,042	$1,097,697	$1,322,909	$1,599,397
Municipal Irrigation Reuse Development, Montgomery County	WUG	County-Other, Montgomery	$53,065,362	$681,887	$2,092,737	$2,815,372	$3,281,323	$3,544,048	$3,746,993
Municipal Irrigation Reuse Development, NFBWA	WUG	North Fort Bend Water Authority	$45,784,242	$574,929	$1,112,932	$1,450,075	$1,760,363	$2,149,664	$2,609,573
Municipal Irrigation Reuse Development, NHCRWA	WUG	North Harris County Regional Water Authority	$38,043,034	$199,643	$232,464	$269,763	$274,861	$347,915	$395,900
Municipal Irrigation Reuse Development, Waller County	WUG	County-Other, Waller	$8,967,316	$114,176	$229,752	$376,664	$549,689	$714,920	$902,486
Municipal Irrigation Reuse Development, WHCRWA	WUG	West Harris County Regional Water Authority	$17,894,661	$216,812	$344,775	$398,139	$473,961	$609,927	$752,814
NFBWA Member District Reuse Infrastructure	WMS	North Fort Bend Water Authority	$66,013,267	$8,808,518	$8,808,518	$4,163,754	$4,163,754	$4,163,754	$4,163,754
NFBWA Phase 2 Distribution Segments	WMS	North Fort Bend Water Authority	$129,366,992	$10,396,071	$10,396,071	$1,293,670	$1,293,670	$1,293,670	$1,293,670
NHCRWA Distribution Expansion - 2025 Phase	WMS	North Harris County Regional Water Authority	$795,249,606	$61,214,724	$61,214,724	$5,260,105	$5,260,105	$5,260,105	$5,260,105
NHCRWA Distribution Expansion - 2035 Phase	WMS	North Harris County Regional Water Authority	$1,090,000,000	$0	$84,938,626	$84,938,626	$8,245,053	$8,245,053	$8,245,053
NHCRWA Distribution Expansion - 2045 Phase	WMS	North Harris County Regional Water Authority	$1,541,000,000	$0	$0	$116,604,374	$116,604,374	$8,177,955	$8,177,955
NHCRWA Member District Reuse Infrastructure	WMS	North Harris County Regional Water Authority	$5,441,580	$661,724	$661,724	$278,849	$278,849	$278,849	$278,849
NHCRWA Transmission Lines	WMS	North Harris County Regional Water Authority	$319,224,924	$25,724,527	$25,724,527	$3,263,518	$3,263,518	$3,263,518	$3,263,518
Pasadena Infrastructure Expansion	WMS	Pasadena	$103,994,471	$11,239,806	$11,239,806	$3,922,643	$3,922,643	$3,922,643	$3,922,643
Pearland Reuse Infrastructure	WMS	Pearland	$24,161,522	$0	$491,455	$1,942,559	$1,513,642	$242,528	$242,528
Pearland Surface Water Treatment Plant Development	WMS	Pearland	$261,245,745	$26,397,751	$26,397,751	$8,016,219	$8,016,219	$8,016,219	$8,016,219
Richmond GRP Infrastructure	WMS	Richmond	$85,626,919	$8,413,501	$8,413,501	$2,388,698	$2,388,698	$2,388,698	$2,388,698
Rosenberg GRP Infrastructure	WMS	Rosenberg	$17,081,984	$1,346,807	$1,346,807	$144,900	$144,900	$144,900	$144,900
SJRA Catahoula Aquifer Supplies	WMS	San Jacinto River Authority	$22,386,712	$0	$0	$0	$0	$0	$5,099,087
SJRA Highlands System Enhancement	WMS	San Jacinto River Authority	$35,197,440	$2,980,636	$2,980,636	$504,107	$504,107	$504,107	$504,107

Project Name	Proj. Level	Sponsor	Capital Cost ($)[1]	Annual Cost ($/year)					
				2030	2040	2050	2060	2070	2080
Southeast Transmission Line Improvements	WMS	Baybrook MUD 1	$10,162,896	$781,391	$781,391	$66,319	$66,319	$66,319	$66,319
		Clear Lake City Water Authority	$12,702,913	$976,684	$976,684	$82,894	$82,894	$82,894	$82,894
		Friendswood	$16,851,945	$1,295,690	$1,295,690	$109,969	$109,969	$109,969	$109,969
		Gulf Coast Water Authority	$70,794,248	$5,443,133	$5,443,133	$461,974	$461,974	$461,974	$461,974
		Harris County MUD 55	$12,322,901	$947,467	$947,467	$80,414	$80,414	$80,414	$80,414
		Houston	$23,279,198	$1,789,860	$1,789,860	$151,910	$151,910	$151,910	$151,910
		Pasadena	$63,151	$4,855	$4,855	$412	$412	$412	$412
		Webster	$12,973,919	$997,521	$997,521	$84,662	$84,662	$84,662	$84,662
Sugar Land Advanced Loss Reduction	WMS	Sugar Land	$434,096	$189,712	$189,712	$159,169	$159,169	$159,169	$159,169
Sugar Land AMI	WMS	Sugar Land	$13,367,100	$1,811,129	$1,811,129	$870,605	$870,605	$870,605	$870,605
Sugar Land Groundwater Plant Conversion	WMS	Sugar Land	$24,584,598	$1,849,517	$1,849,517	$119,718	$119,718	$119,718	$119,718
Sugar Land IWRP Reuse Infrastructure - Phase 1	WMS	Sugar Land	$23,661,567	$2,109,843	$2,109,843	$444,990	$444,990	$444,990	$444,990
Sugar Land IWRP Reuse Infrastructure - Phase 2	WMS	Sugar Land	$13,068,708	$0	$1,163,671	$1,163,671	$244,143	$244,143	$244,143
Sugar Land IWRP Reuse Infrastructure - Phase 3	WMS	Sugar Land	$23,661,567	$0	$0	$2,109,843	$2,109,843	$444,990	$444,990
Sugar Land Surface Water Expansion - Phase 1	WMS	Sugar Land	$86,046,985	$9,182,266	$9,182,266	$3,127,907	$3,127,907	$3,127,907	$3,127,907
Sugar Land Surface Water Expansion - Phase 2	WMS	Sugar Land	$20,976,721	$0	$4,607,470	$4,607,470	$3,131,525	$3,131,525	$3,131,525
Texas City Industrial Complex Reuse	WMS	Gulf Coast Water Authority	$47,509,000	$0	$4,312,319	$4,312,319	$969,534	$969,534	$969,534
Water Loss Reduction, Alvin	WUG	Alvin	$2,394,110	$14,459	$42,504	$59,600	$58,640	$58,400	$58,080
Water Loss Reduction, Ames Minglewood WSC	WUG	Ames Minglewood WSC	$183,874	$761	$2,277	$3,725	$5,131	$5,840	$6,534
Water Loss Reduction, Anahuac	WUG	Anahuac	$684,702	$3,044	$9,108	$13,410	$17,592	$22,630	$26,862
Water Loss Reduction, Angleton	WUG	Angleton	$5,157,590	$24,352	$69,069	$105,790	$136,338	$162,060	$181,500
Water Loss Reduction, Austin County WSC	WUG	Austin County WSC	$915,796	$3,044	$10,626	$18,625	$24,922	$30,660	$37,026
Water Loss Reduction, Baytown	WUG	Baytown	$19,164,824	$73,817	$245,916	$408,260	$553,415	$577,430	$576,444
Water Loss Reduction, Blaketree MUD 1 of Montgomery County	WUG	Blaketree MUD 1 of Montgomery County	$215,588	$0	$1,518	$4,470	$6,597	$8,030	$9,438
Water Loss Reduction, Bolivar Peninsula SUD	WUG	Bolivar Peninsula SUD	$2,111,624	$9,132	$27,324	$42,465	$55,708	$68,620	$79,134
Water Loss Reduction, Brazoria County FWSD 1	WUG	Brazoria County FWSD 1	$169,244	$761	$2,277	$3,725	$4,398	$5,110	$6,534
Water Loss Reduction, Brazoria County MUD 2	WUG	Brazoria County MUD 2	$2,858,342	$11,415	$34,914	$55,875	$76,965	$95,630	$110,352

Project Name	Proj. Level	Sponsor	Capital Cost ($)[1]	Annual Cost ($/year)					
				2030	2040	2050	2060	2070	2080
Water Loss Reduction, Brazoria County MUD 21	WUG	Brazoria County MUD 21	$532,028	$3,044	$9,108	$13,410	$13,194	$13,140	$13,068
Water Loss Reduction, Brazoria County MUD 22	WUG	Brazoria County MUD 22	$274,024	$2,283	$6,072	$5,960	$5,864	$6,570	$6,534
Water Loss Reduction, Brazoria County MUD 31	WUG	Brazoria County MUD 31	$1,902,796	$8,371	$25,047	$37,995	$50,577	$61,320	$69,696
Water Loss Reduction, Brookshire MWD	WUG	Brookshire MWD	$2,762,422	$11,415	$34,155	$53,640	$71,101	$94,170	$117,612
Water Loss Reduction, Buffalo	WUG	Buffalo	$212,376	$1,522	$4,554	$5,215	$5,131	$4,380	$4,356
Water Loss Reduction, Centerville	WUG	Centerville	$144,410	$761	$2,277	$3,725	$3,665	$3,650	$3,630
Water Loss Reduction, Cleveland	WUG	Cleveland	$4,080,714	$13,698	$43,263	$75,990	$109,950	$146,730	$184,404
Water Loss Reduction, Conroe Resort Utilities	WUG	Conroe Resort Utilities	$255,306	$761	$3,036	$5,215	$6,597	$8,760	$11,616
Water Loss Reduction, County-Other, Brazoria	WUG	County-Other, Brazoria	$30,785,620	$117,194	$359,007	$605,685	$824,625	$1,046,090	$1,259,610
Water Loss Reduction, County-Other, Chambers	WUG	County-Other, Chambers	$19,873,850	$32,723	$138,138	$316,625	$545,352	$835,120	$1,194,270
Water Loss Reduction, County-Other, Fort Bend	WUG	County-Other, Fort Bend	$117,644,008	$157,527	$811,371	$1,934,020	$3,260,384	$4,930,420	$6,706,788
Water Loss Reduction, County-Other, Galveston	WUG	County-Other, Galveston	$4,573,274	$19,025	$56,166	$90,890	$123,144	$151,840	$162,624
Water Loss Reduction, County-Other, Leon	WUG	County-Other, Leon	$505,782	$3,805	$9,108	$11,920	$13,194	$11,680	$8,712
Water Loss Reduction, County-Other, Liberty	WUG	County-Other, Liberty	$27,684,064	$58,597	$226,182	$461,155	$759,388	$1,111,060	$1,520,244
Water Loss Reduction, County-Other, Madison	WUG	County-Other, Madison	$1,539,966	$6,088	$18,975	$30,545	$40,315	$51,830	$62,436
Water Loss Reduction, County-Other, Montgomery	WUG	County-Other, Montgomery	$61,751,746	$154,483	$582,153	$1,134,635	$1,721,817	$2,317,750	$2,643,366
Water Loss Reduction, County-Other, Polk	WUG	County-Other, Polk	$3,264,262	$12,937	$40,227	$63,325	$86,494	$110,230	$132,132
Water Loss Reduction, County-Other, San Jacinto	WUG	County-Other, San Jacinto	$2,268,044	$10,654	$31,119	$46,935	$59,373	$70,810	$79,134
Water Loss Reduction, County-Other, Walker	WUG	County-Other, Walker	$2,575,470	$14,459	$39,468	$58,110	$67,436	$71,540	$65,340
Water Loss Reduction, County-Other, Waller	WUG	County-Other, Waller	$10,601,550	$21,308	$75,900	$162,410	$287,336	$448,950	$642,510
Water Loss Reduction, Crosby MUD	WUG	Crosby MUD	$1,846,066	$6,849	$22,770	$35,760	$49,111	$63,510	$66,066
Water Loss Reduction, Daisetta	WUG	Daisetta	$138,122	$761	$1,518	$2,980	$3,665	$4,380	$5,082
Water Loss Reduction, Dayton	WUG	Dayton	$8,041,294	$22,830	$82,731	$148,255	$219,900	$293,460	$369,534
Water Loss Reduction, Deer Park	WUG	Deer Park	$7,513,122	$33,484	$96,393	$151,235	$198,643	$244,550	$270,072
Water Loss Reduction, Fort Bend County FWSD 1	WUG	Fort Bend County FWSD 1	$1,880,064	$4,566	$21,252	$37,995	$51,310	$64,970	$79,134
Water Loss Reduction, Fort Bend County MUD 116	WUG	Fort Bend County MUD 116	$889,666	$4,566	$15,180	$22,350	$21,990	$22,630	$22,506
Water Loss Reduction, Fort Bend County MUD 25	WUG	Fort Bend County MUD 25	$3,265,306	$14,459	$41,745	$65,560	$86,494	$107,310	$109,626

Project Name	Proj. Level	Sponsor	Capital Cost ($)[1]	Annual Cost ($/year)					
				2030	2040	2050	2060	2070	2080
Water Loss Reduction, Fort Bend County WCID 2	WUG	Fort Bend County WCID 2	$12,642,010	$52,509	$160,908	$262,240	$356,971	$391,280	$402,930
Water Loss Reduction, Freeport	WUG	Freeport	$2,842,026	$13,698	$37,950	$58,855	$74,766	$89,060	$98,736
Water Loss Reduction, Friendswood	WUG	Friendswood	$14,816,594	$63,924	$186,714	$295,765	$392,888	$485,450	$569,184
Water Loss Reduction, Galena Park	WUG	Galena Park	$1,756,794	$7,610	$22,011	$35,015	$46,912	$57,670	$64,614
Water Loss Reduction, Galveston	WUG	Galveston	$53,756,744	$238,193	$680,823	$1,075,780	$1,424,219	$1,752,000	$2,046,594
Water Loss Reduction, Galveston County WCID 1	WUG	Galveston County WCID 1	$8,428,974	$36,528	$106,260	$168,370	$223,565	$275,940	$322,344
Water Loss Reduction, Galveston County WCID 12	WUG	Galveston County WCID 12	$1,790,094	$7,610	$22,770	$35,760	$47,645	$58,400	$68,244
Water Loss Reduction, Galveston County WCID 8	WUG	Galveston County WCID 8	$342,006	$2,283	$6,831	$8,195	$8,063	$8,030	$7,986
Water Loss Reduction, Groveton	WUG	Groveton	$228,744	$1,522	$3,795	$4,470	$5,864	$6,570	$6,534
Water Loss Reduction, Hardin WSC	WUG	Hardin WSC	$30,396	$0	$759	$745	$733	$730	$726
Water Loss Reduction, Harris County FWSD 1-A	WUG	Harris County FWSD 1-A	$475,734	$2,283	$6,072	$9,685	$12,461	$15,330	$17,424
Water Loss Reduction, Harris County MUD 132	WUG	Harris County MUD 132	$1,605,272	$9,132	$26,565	$40,230	$39,582	$40,880	$41,382
Water Loss Reduction, Harris County MUD 154	WUG	Harris County MUD 154	$1,309,380	$6,849	$18,975	$29,800	$35,184	$36,500	$36,300
Water Loss Reduction, Harris County MUD 189	WUG	Harris County MUD 189	$182,836	$2,283	$3,795	$3,725	$3,665	$4,380	$4,356
Water Loss Reduction, Harris County MUD 221	WUG	Harris County MUD 221	$388,344	$2,283	$6,831	$9,685	$9,529	$9,490	$10,164
Water Loss Reduction, Harris County MUD 23	WUG	Harris County MUD 23	$519,308	$2,283	$6,831	$10,430	$13,927	$16,790	$16,698
Water Loss Reduction, Harris County MUD 345	WUG	Harris County MUD 345	$1,560,318	$6,849	$19,734	$30,545	$41,048	$51,830	$60,258
Water Loss Reduction, Harris County MUD 5	WUG	Harris County MUD 5	$1,200,050	$5,327	$15,180	$23,840	$31,519	$39,420	$47,190
Water Loss Reduction, Harris County MUD 50	WUG	Harris County MUD 50	$869,738	$3,805	$10,626	$17,135	$22,723	$29,200	$34,848
Water Loss Reduction, Harris County MUD 55	WUG	Harris County MUD 55	$2,734,522	$12,176	$35,673	$55,130	$71,834	$88,330	$103,092
Water Loss Reduction, Harris County MUD 58	WUG	Harris County MUD 58	$182,416	$1,522	$3,036	$4,470	$4,398	$4,380	$4,356
Water Loss Reduction, Harris County MUD 6	WUG	Harris County MUD 6	$197,596	$1,522	$4,554	$4,470	$4,398	$4,380	$4,356
Water Loss Reduction, Harris County UD 14	WUG	Harris County UD 14	$129,194	$761	$3,036	$2,980	$2,932	$2,920	$2,904
Water Loss Reduction, Harris County UD 15	WUG	Harris County UD 15	$518,030	$3,044	$7,590	$11,920	$13,927	$13,870	$14,520
Water Loss Reduction, Harris County WCID 1	WUG	Harris County WCID 1	$2,554,250	$10,654	$31,119	$49,915	$66,703	$86,870	$101,640
Water Loss Reduction, Harris County WCID 70	WUG	Harris County WCID 70	$68,402	$761	$1,518	$1,490	$1,466	$1,460	$1,452
Water Loss Reduction, Harris County WCID 89	WUG	Harris County WCID 89	$968,786	$4,566	$12,903	$20,115	$26,388	$29,930	$29,766

Project Name	Proj. Level	Sponsor	Capital Cost ($)[1]	Annual Cost ($/year)					
				2030	2040	2050	2060	2070	2080
Water Loss Reduction, Harris County WCID-Fondren Road	WUG	Harris County WCID-Fondren Road	$129,194	$761	$3,036	$2,980	$2,932	$2,920	$2,904
Water Loss Reduction, Harris-Montgomery Counties MUD 386	WUG	Harris-Montgomery Counties MUD 386	$1,609,124	$6,849	$20,493	$32,035	$42,514	$52,560	$64,614
Water Loss Reduction, Hillcrest Village	WUG	Hillcrest Village	$252,712	$1,522	$3,036	$5,215	$6,597	$8,030	$8,712
Water Loss Reduction, Hitchcock	WUG	Hitchcock	$1,897,354	$8,371	$24,288	$37,995	$49,844	$62,050	$71,874
Water Loss Reduction, Houston	WUG	Houston	$857,736,590	$3,685,523	$10,789,944	$17,250,475	$22,915,779	$27,884,540	$32,473,980
Water Loss Reduction, Humble	WUG	Humble	$5,032,616	$22,830	$67,551	$120,690	$137,071	$140,890	$142,296
Water Loss Reduction, Jacinto City	WUG	Jacinto City	$38,006	$761	$759	$745	$733	$730	$726
Water Loss Reduction, La Marque	WUG	La Marque	$7,916,552	$32,723	$97,911	$157,940	$211,104	$261,340	$306,372
Water Loss Reduction, Lake Conroe Hills MUD	WUG	Lake Conroe Hills MUD	$298,154	$761	$3,795	$5,960	$8,063	$10,220	$10,164
Water Loss Reduction, Lake Jackson	WUG	Lake Jackson	$8,452,980	$40,333	$112,332	$173,585	$222,832	$266,450	$297,660
Water Loss Reduction, Lake Livingston WSC	WUG	Lake Livingston WSC	$6,875,514	$27,396	$83,490	$135,590	$182,517	$230,680	$278,784
Water Loss Reduction, Liberty	WUG	Liberty	$3,112,500	$13,698	$38,709	$61,835	$82,829	$102,200	$119,790
Water Loss Reduction, Livingston	WUG	Livingston	$8,195,824	$31,962	$98,670	$159,430	$218,434	$277,400	$336,864
Water Loss Reduction, Luce Bayou PUD	WUG	Luce Bayou PUD	$222,296	$761	$3,036	$4,470	$5,864	$7,300	$7,986
Water Loss Reduction, Madisonville	WUG	Madisonville	$2,365,062	$10,654	$30,360	$47,680	$62,305	$76,650	$88,572
Water Loss Reduction, Mercy WSC	WUG	Mercy WSC	$690,314	$3,805	$9,108	$14,155	$18,325	$21,170	$24,684
Water Loss Reduction, Mont Belvieu	WUG	Mont Belvieu	$12,716,338	$35,006	$126,753	$207,110	$336,447	$497,130	$691,878
Water Loss Reduction, Montgomery	WUG	Montgomery	$914,182	$3,805	$12,144	$20,115	$26,388	$26,280	$26,862
Water Loss Reduction, Montgomery County MUD 18	WUG	Montgomery County MUD 18	$2,147,924	$9,893	$31,119	$49,915	$57,907	$59,860	$60,984
Water Loss Reduction, Montgomery County MUD 8	WUG	Montgomery County MUD 8	$1,659,232	$6,849	$20,493	$33,525	$45,446	$54,020	$55,902
Water Loss Reduction, Montgomery County MUD 83	WUG	Montgomery County MUD 83	$685,168	$3,044	$8,349	$13,410	$18,325	$22,630	$27,588
Water Loss Reduction, Montgomery County MUD 9	WUG	Montgomery County MUD 9	$2,752,092	$11,415	$34,155	$55,130	$75,499	$89,790	$92,202
Water Loss Reduction, Montgomery County MUD 99	WUG	Montgomery County MUD 99	$527,490	$1,522	$6,072	$10,430	$14,660	$18,250	$18,150
Water Loss Reduction, Montgomery County UD 3	WUG	Montgomery County UD 3	$722,916	$3,805	$12,144	$17,880	$18,325	$18,250	$18,876
Water Loss Reduction, Montgomery County UD 4	WUG	Montgomery County UD 4	$898,578	$5,327	$15,180	$21,605	$21,990	$23,360	$23,958
Water Loss Reduction, Nassau Bay	WUG	Nassau Bay	$1,802,580	$8,371	$23,529	$36,505	$47,645	$58,400	$58,080
Water Loss Reduction, New Caney MUD	WUG	New Caney MUD	$2,839,982	$9,893	$33,396	$59,600	$82,829	$89,060	$92,202

Project Name	Proj. Level	Sponsor	Capital Cost ($)[1]	Annual Cost ($/year)					
				2030	2040	2050	2060	2070	2080
Water Loss Reduction, North Channel Water Authority	WUG	North Channel Water Authority	$21,593,288	$89,037	$261,855	$430,610	$582,002	$712,480	$833,448
Water Loss Reduction, North Fort Bend Water Authority	WUG	North Fort Bend Water Authority	$97,491,852	$376,695	$1,203,015	$2,024,910	$2,830,113	$3,002,490	$3,119,622
Water Loss Reduction, North Zulch MUD	WUG	North Zulch MUD	$553,044	$2,283	$6,831	$11,175	$14,660	$18,250	$21,054
Water Loss Reduction, Northeast Harris County MUD 1	WUG	Northeast Harris County MUD 1	$530,964	$2,283	$6,831	$10,430	$13,927	$17,520	$21,054
Water Loss Reduction, Oak Ridge North	WUG	Oak Ridge North	$2,306,216	$7,610	$26,565	$43,955	$64,504	$78,840	$91,476
Water Loss Reduction, One Five O WSC	WUG	One Five O WSC	$528,936	$2,283	$6,831	$11,175	$13,927	$16,790	$18,876
Water Loss Reduction, Oyster Creek	WUG	Oyster Creek	$972,386	$4,566	$12,903	$20,115	$25,655	$30,660	$33,396
Water Loss Reduction, Palmer Plantation MUD 1	WUG	Palmer Plantation MUD 1	$38,006	$761	$759	$745	$733	$730	$726
Water Loss Reduction, Palmer Plantation MUD 2	WUG	Palmer Plantation MUD 2	$38,006	$761	$759	$745	$733	$730	$726
Water Loss Reduction, Panorama Village	WUG	Panorama Village	$525,304	$3,044	$9,108	$12,665	$13,194	$13,140	$13,794
Water Loss Reduction, Pattison WSC	WUG	Pattison WSC	$877,068	$3,805	$10,626	$17,135	$23,456	$29,200	$34,848
Water Loss Reduction, Pearland	WUG	Pearland	$30,212,918	$120,238	$379,500	$613,880	$837,086	$972,360	$982,278
Water Loss Reduction, Pecan Grove MUD 1	WUG	Pecan Grove MUD 1	$1,908,508	$12,176	$37,950	$45,445	$45,446	$45,260	$45,738
Water Loss Reduction, Pinehurst Decker Prairie WSC	WUG	Pinehurst Decker Prairie WSC	$625,524	$1,522	$6,072	$11,175	$17,592	$23,360	$28,314
Water Loss Reduction, Plantation MUD	WUG	Plantation MUD	$38,006	$761	$759	$745	$733	$730	$726
Water Loss Reduction, Quail Valley UD	WUG	Quail Valley UD	$2,415,656	$10,654	$30,360	$47,680	$66,703	$78,110	$80,586
Water Loss Reduction, Raywood WSC	WUG	Raywood WSC	$339,500	$1,522	$3,795	$6,705	$8,796	$11,680	$14,520
Water Loss Reduction, Riverside SUD	WUG	Riverside SUD	$1,630,986	$6,088	$18,216	$30,545	$43,247	$57,670	$73,326
Water Loss Reduction, Roman Forest Consolidated MUD	WUG	Roman Forest Consolidated MUD	$733,256	$1,522	$6,072	$12,665	$21,257	$28,470	$33,396
Water Loss Reduction, Rosenberg	WUG	Rosenberg	$13,513,028	$40,333	$140,415	$256,280	$370,898	$483,990	$593,868
Water Loss Reduction, Sequoia Improvement District	WUG	Sequoia Improvement District	$253,438	$1,522	$3,036	$5,215	$6,597	$8,030	$9,438
Water Loss Reduction, Shenandoah	WUG	Shenandoah	$2,326,628	$10,654	$36,432	$58,855	$60,106	$60,590	$60,258
Water Loss Reduction, Shoreacres	WUG	Shoreacres	$1,382,472	$6,088	$17,457	$27,565	$36,650	$45,260	$52,272
Water Loss Reduction, Soda WSC	WUG	Soda WSC	$639,712	$2,283	$7,590	$11,920	$17,592	$21,900	$26,862
Water Loss Reduction, South Cleveland WSC	WUG	South Cleveland WSC	$337,456	$2,283	$5,313	$6,705	$8,063	$10,220	$11,616
Water Loss Reduction, Southern Water	WUG	Southern Water	$311,610	$2,283	$6,072	$7,450	$7,330	$7,300	$7,260

Project Name	Proj. Level	Sponsor	Capital Cost ($)[1]	Annual Cost ($/year)					
				2030	2040	2050	2060	2070	2080
Water Loss Reduction, Southside Place	WUG	Southside Place	$273,780	$1,522	$3,795	$6,705	$7,330	$7,300	$7,260
Water Loss Reduction, Splendora	WUG	Splendora	$4,453,524	$10,654	$37,950	$74,500	$123,877	$177,390	$209,814
Water Loss Reduction, Spring Valley	WUG	Spring Valley	$1,333,374	$6,088	$18,216	$28,310	$37,383	$39,420	$39,204
Water Loss Reduction, Suburban Utility	WUG	Suburban Utility	$1,484,082	$5,327	$15,180	$29,800	$41,048	$51,100	$59,532
Water Loss Reduction, Sunbelt FWSD	WUG	Sunbelt FWSD	$3,689,190	$15,981	$47,058	$74,500	$98,955	$119,720	$127,050
Water Loss Reduction, Tarkington SUD	WUG	Tarkington SUD	$281,354	$2,283	$6,072	$5,960	$6,597	$6,570	$6,534
Water Loss Reduction, Texas City	WUG	Texas City	$9,634,826	$42,616	$125,235	$200,405	$268,278	$297,110	$298,386
Water Loss Reduction, The Commons Water Supply	WUG	The Commons Water Supply	$720,836	$3,044	$9,108	$14,900	$19,058	$23,360	$26,136
Water Loss Reduction, The Woodlands	WUG	The Woodlands	$29,142,712	$128,609	$383,295	$612,390	$812,164	$881,110	$967,032
Water Loss Reduction, Tomball	WUG	Tomball	$5,698,878	$22,069	$67,551	$119,945	$165,658	$176,660	$180,048
Water Loss Reduction, Trinity Bay Conservation District	WUG	Trinity Bay Conservation District	$5,353,856	$20,547	$60,720	$103,555	$142,202	$185,420	$229,416
Water Loss Reduction, Webster	WUG	Webster	$4,830,380	$21,308	$62,238	$96,850	$127,542	$156,950	$181,500
Water Loss Reduction, West Columbia	WUG	West Columbia	$114,018	$2,283	$2,277	$2,235	$2,199	$2,190	$2,178
Water Loss Reduction, West End WSC	WUG	West End WSC	$422,372	$1,522	$5,313	$8,940	$10,995	$13,870	$15,972
Water Loss Reduction, West University Place	WUG	West University Place	$835,628	$11,415	$18,216	$17,880	$17,592	$16,790	$16,698
Water Loss Reduction, Westwood Shores MUD	WUG	Westwood Shores MUD	$130,096	$761	$1,518	$2,980	$3,665	$3,650	$4,356
Water Loss Reduction, Willis	WUG	Willis	$1,701,786	$6,849	$19,734	$32,780	$45,446	$58,400	$69,696
Water Loss Reduction, Willow Creek Farms MUD	WUG	Willow Creek Farms MUD	$38,006	$761	$759	$745	$733	$730	$726
West University Place Infrastructure Expansion	WMS	West University Place	$6,490,080	$590,734	$590,734	$134,085	$134,085	$134,085	$134,085
Westwood Shores Reuse Infrastructure	WMS	Westwood Shores MUD	$2,491,536	$343,827	$343,827	$168,519	$168,519	$168,519	$168,519
WHCRWA 2025 Distribution Expansion	WMS	West Harris County Regional Water Authority	$225,008,263	$17,746,424	$17,746,424	$1,914,600	$1,914,600	$1,914,600	$1,914,600
WHCRWA 2035 Distribution Expansion	WMS	West Harris County Regional Water Authority	$166,317,609	$0	$13,117,486	$13,117,486	$1,415,200	$1,415,200	$1,415,200
WHCRWA/NFBWA Transmission Line	WMS	North Fort Bend Water Authority	$55,450,327	$4,466,869	$4,466,869	$565,325	$565,325	$565,325	$565,325
		West Harris County Regional Water Authority	$567,008,877	$45,676,099	$45,676,099	$5,780,743	$5,780,743	$5,780,743	$5,780,743
WUG Infrastructure Expansion - Angleton	WUG	Angleton	$16,362,879	$1,322,777	$1,322,777	$171,467	$171,467	$171,467	$171,467
WUG Infrastructure Expansion - Brazoria County MUD 25	WUG	Brazoria County MUD 25	$11,461,492	$844,301	$844,301	$37,858	$37,858	$37,858	$37,858
WUG Infrastructure Expansion - Brazoria County MUD 29	WUG	Brazoria County MUD 29	$11,594,049	$857,859	$857,859	$42,089	$42,089	$42,089	$42,089

Project Name	Proj. Level	Sponsor	Capital Cost ($)[1]	Annual Cost ($/year)					
				2030	2040	2050	2060	2070	2080
WUG Infrastructure Expansion - Brazoria County MUD 39	WUG	Brazoria County MUD 39	$12,100,494	$904,819	$904,819	$53,416	$53,416	$53,416	$53,416
WUG Infrastructure Expansion - CHCRWA Districts	WUG	Central Harris County Regional Water Authority	$17,428,176	$1,429,214	$1,429,214	$202,949	$202,949	$202,949	$202,949
WUG Infrastructure Expansion - Conroe - Phase 1	WUG	Conroe	$16,362,879	$1,322,777	$1,322,777	$171,467	$171,467	$171,467	$171,467
WUG Infrastructure Expansion - Conroe - Phase 2	WUG	Conroe	$19,982,699	$0	$0	$1,686,975	$1,686,975	$280,971	$280,971
WUG Infrastructure Expansion - Conroe - Phase 3	WUG	Conroe	$14,112,504	$0	$0	$0	$0	$1,097,910	$1,097,910
WUG Infrastructure Expansion - Conroe Resort Utilities	WUG	Conroe Resort Utilities	$11,594,049	$0	$0	$857,859	$857,859	$42,089	$42,089
WUG Infrastructure Expansion - County-Other, Brazoria (B) - Phase 1	WUG	County-Other, Brazoria	$11,839,130	$883,897	$883,897	$50,883	$50,883	$50,883	$50,883
WUG Infrastructure Expansion - County-Other, Brazoria (B) - Phase 2	WUG	County-Other, Brazoria	$15,255,754	$0	$0	$1,212,205	$1,212,205	$138,793	$138,793
WUG Infrastructure Expansion - County-Other, Brazoria (BC)	WUG	County-Other, Brazoria	$11,839,130	$883,897	$883,897	$50,883	$50,883	$50,883	$50,883
WUG Infrastructure Expansion - County-Other, Brazoria (SJB)	WUG	County-Other, Brazoria	$15,255,754	$1,212,205	$1,212,205	$138,793	$138,793	$138,793	$138,793
WUG Infrastructure Expansion - County-Other, Fort Bend (SJ)	WUG	County-Other, Fort Bend	$11,461,492	$844,301	$844,301	$37,858	$37,858	$37,858	$37,858
WUG Infrastructure Expansion - County-Other, Fort Bend (SJB) - Phase 1	WUG	County-Other, Fort Bend	$12,213,162	$916,742	$916,742	$57,411	$57,411	$57,411	$57,411
WUG Infrastructure Expansion - County-Other, Fort Bend (SJB) - Phase 2	WUG	County-Other, Fort Bend	$12,407,135	$0	$0	$937,205	$937,205	$64,225	$64,225
WUG Infrastructure Expansion - County-Other, Fort Bend (SJB) - Phase 3	WUG	County-Other, Fort Bend	$11,839,130	$0	$0	$0	$0	$883,897	$883,897
WUG Infrastructure Expansion - County-Other, Fort Bend County (Richmond GRP Participants) - Phase 1	WUG	County-Other, Fort Bend	$12,917,913	$984,709	$984,709	$75,790	$75,790	$75,790	$75,790
WUG Infrastructure Expansion - County-Other, Fort Bend County (Richmond GRP Participants) - Phase 2	WUG	County-Other, Fort Bend	$13,473,239	$0	$0	$1,036,765	$1,036,765	$88,773	$88,773
WUG Infrastructure Expansion - County-Other, Galveston (SJB)	WUG	County-Other, Galveston	$15,255,754	$1,212,205	$1,212,205	$138,793	$138,793	$138,793	$138,793
WUG Infrastructure Expansion - County-Other, Harris (COH GRP Participants)	WUG	County-Other, Harris	$12,798,768	$0	$972,159	$972,159	$71,624	$71,624	$71,624
WUG Infrastructure Expansion - County-Other, Harris (SJ)	WUG	County-Other, Harris	$22,530,020	$1,937,510	$1,937,510	$352,274	$352,274	$352,274	$352,274
WUG Infrastructure Expansion - County-Other, Harris (SJB)	WUG	County-Other, Harris	$12,407,135	$937,205	$937,205	$64,225	$64,225	$64,225	$64,225
WUG Infrastructure Expansion - County-Other, Harris (TSJ)	WUG	County-Other, Harris	$15,255,754	$1,212,205	$1,212,205	$138,793	$138,793	$138,793	$138,793
WUG Infrastructure Expansion - County-Other, Montgomery (SJ) - Phase 1	WUG	County-Other, Montgomery	$13,473,239	$0	$0	$1,036,765	$1,036,765	$88,773	$88,773
WUG Infrastructure Expansion - County-Other, Montgomery (SJ) - Phase 2	WUG	County-Other, Montgomery	$19,982,699	$0	$0	$0	$1,686,975	$1,686,975	$280,971
WUG Infrastructure Expansion - County-Other, Montgomery (SJ) - Phase 3	WUG	County-Other, Montgomery	$17,428,176	$0	$0	$0	$0	$0	$1,429,214

Project Name	Proj. Level	Sponsor	Capital Cost ($)[1]	Annual Cost ($/year)					
				2030	2040	2050	2060	2070	2080
WUG Infrastructure Expansion - El Dorado UD	WUG	El Dorado UD	$11,839,130	$0	$883,897	$883,897	$50,883	$50,883	$50,883
WUG Infrastructure Expansion - Forest Hills MUD	WUG	Forest Hills MUD	$11,594,049	$0	$857,859	$857,859	$42,089	$42,089	$42,089
WUG Infrastructure Expansion - Fort Bend County MUD 115	WUG	Fort Bend County MUD 115	$11,461,492	$0	$844,301	$844,301	$37,858	$37,858	$37,858
WUG Infrastructure Expansion - Fort Bend County MUD 121	WUG	Fort Bend County MUD 121	$11,698,973	$869,134	$869,134	$45,981	$45,981	$45,981	$45,981
WUG Infrastructure Expansion - Fort Bend County MUD 128	WUG	Fort Bend County MUD 128	$11,594,049	$857,859	$857,859	$42,089	$42,089	$42,089	$42,089
WUG Infrastructure Expansion - Fort Bend County MUD 129	WUG	Fort Bend County MUD 129	$11,461,492	$0	$844,301	$844,301	$37,858	$37,858	$37,858
WUG Infrastructure Expansion - Fort Bend County MUD 149	WUG	Fort Bend County MUD 149	$11,461,492	$0	$844,301	$844,301	$37,858	$37,858	$37,858
WUG Infrastructure Expansion - Fort Bend County MUD 152	WUG	Fort Bend County MUD 152	$11,461,492	$0	$0	$844,301	$844,301	$37,858	$37,858
WUG Infrastructure Expansion - Fort Bend County MUD 155	WUG	Fort Bend County MUD 155	$11,839,130	$0	$883,897	$883,897	$50,883	$50,883	$50,883
WUG Infrastructure Expansion - Fort Bend County MUD 158	WUG	Fort Bend County MUD 158	$11,594,049	$0	$857,859	$857,859	$42,089	$42,089	$42,089
WUG Infrastructure Expansion - Fort Bend County MUD 48	WUG	Fort Bend County MUD 48	$11,461,492	$0	$844,301	$844,301	$37,858	$37,858	$37,858
WUG Infrastructure Expansion - Fort Bend County MUD 49	WUG	Fort Bend County MUD 49	$11,461,492	$844,301	$844,301	$37,858	$37,858	$37,858	$37,858
WUG Infrastructure Expansion - Fulshear	WUG	Fulshear	$13,179,518	$0	$1,012,224	$1,012,224	$84,899	$84,899	$84,899
WUG Infrastructure Expansion - Harris County FWSD 27	WUG	Harris County FWSD 27	$11,594,049	$857,859	$857,859	$42,089	$42,089	$42,089	$42,089
WUG Infrastructure Expansion - Harris County MUD 106	WUG	Harris County MUD 106	$12,407,135	$0	$937,205	$937,205	$64,225	$64,225	$64,225
WUG Infrastructure Expansion - Harris County MUD 11	WUG	Harris County MUD 11	$11,594,049	$0	$857,859	$857,859	$42,089	$42,089	$42,089
WUG Infrastructure Expansion - Harris County MUD 119	WUG	Harris County MUD 119	$12,213,162	$0	$916,742	$916,742	$57,411	$57,411	$57,411
WUG Infrastructure Expansion - Harris County MUD 132	WUG	Harris County MUD 132	$14,112,504	$0	$1,097,910	$1,097,910	$104,939	$104,939	$104,939
WUG Infrastructure Expansion - Harris County MUD 151	WUG	Harris County MUD 151	$13,179,518	$0	$1,012,224	$1,012,224	$84,899	$84,899	$84,899
WUG Infrastructure Expansion - Harris County MUD 152	WUG	Harris County MUD 152	$12,917,913	$0	$984,709	$984,709	$75,790	$75,790	$75,790
WUG Infrastructure Expansion - Harris County MUD 154	WUG	Harris County MUD 154	$12,798,768	$0	$972,159	$972,159	$71,624	$71,624	$71,624
WUG Infrastructure Expansion - Harris County MUD 189	WUG	Harris County MUD 189	$12,100,494	$0	$904,819	$904,819	$53,416	$53,416	$53,416
WUG Infrastructure Expansion - Harris County MUD 221	WUG	Harris County MUD 221	$11,839,130	$0	$883,897	$883,897	$50,883	$50,883	$50,883
WUG Infrastructure Expansion - Harris County MUD 261	WUG	Harris County MUD 261	$11,698,973	$869,134	$869,134	$45,981	$45,981	$45,981	$45,981

Project Name	Proj. Level	Sponsor	Capital Cost ($)[1]	Annual Cost ($/year)					
				2030	2040	2050	2060	2070	2080
WUG Infrastructure Expansion - Harris County MUD 278	WUG	Harris County MUD 278	$12,213,162	$0	$916,742	$916,742	$57,411	$57,411	$57,411
WUG Infrastructure Expansion - Harris County MUD 290	WUG	Harris County MUD 290	$13,179,518	$0	$1,012,224	$1,012,224	$84,899	$84,899	$84,899
WUG Infrastructure Expansion - Harris County MUD 36	WUG	Harris County MUD 36	$12,407,135	$0	$937,205	$937,205	$64,225	$64,225	$64,225
WUG Infrastructure Expansion - Harris County MUD 46	WUG	Harris County MUD 46	$12,407,135	$0	$937,205	$937,205	$64,225	$64,225	$64,225
WUG Infrastructure Expansion - Harris County MUD 6	WUG	Harris County MUD 6	$11,461,492	$0	$844,301	$844,301	$37,858	$37,858	$37,858
WUG Infrastructure Expansion - Harris County UD 14	WUG	Harris County UD 14	$11,594,049	$0	$857,859	$857,859	$42,089	$42,089	$42,089
WUG Infrastructure Expansion - Harris County UD 15	WUG	Harris County UD 15	$11,839,130	$0	$883,897	$883,897	$50,883	$50,883	$50,883
WUG Infrastructure Expansion - Harris County WCID 1	WUG	Harris County WCID 1	$11,698,973	$869,134	$869,134	$45,981	$45,981	$45,981	$45,981
WUG Infrastructure Expansion - Harris County WCID 133	WUG	Harris County WCID 133	$12,213,162	$0	$916,742	$916,742	$57,411	$57,411	$57,411
WUG Infrastructure Expansion - Harris County WCID 74	WUG	Harris County WCID 74	$12,213,162	$0	$916,742	$916,742	$57,411	$57,411	$57,411
WUG Infrastructure Expansion - HMW SUD	WUG	HMW SUD	$13,044,542	$0	$0	$998,038	$998,038	$80,210	$80,210
WUG Infrastructure Expansion - Kings Manor MUD	WUG	Kings Manor MUD	$11,461,492	$844,301	$844,301	$37,858	$37,858	$37,858	$37,858
WUG Infrastructure Expansion - Lake Bonanza WSC	WUG	Lake Bonanza WSC	$11,839,130	$0	$0	$883,897	$883,897	$50,883	$50,883
WUG Infrastructure Expansion - Lake Jackson	WUG	Lake Jackson	$12,213,162	$916,742	$916,742	$57,411	$57,411	$57,411	$57,411
WUG Infrastructure Expansion - Manufacturing, Fort Bend (B)	WUG	Manufacturing, Fort Bend	$20,047,133	$2,007,381	$2,007,381	$596,843	$596,843	$596,843	$596,843
WUG Infrastructure Expansion - Manufacturing, Fort Bend (SJ)	WUG	Manufacturing, Fort Bend	$29,315,697	$3,097,223	$3,097,223	$1,034,539	$1,034,539	$1,034,539	$1,034,539
WUG Infrastructure Expansion - Memorial Villages Water Authority	WUG	Memorial Villages Water Authority	$15,255,754	$1,212,205	$1,212,205	$138,793	$138,793	$138,793	$138,793
WUG Infrastructure Expansion - Mining, Brazoria (SJB)	WUG	Mining, Brazoria	$25,164,619	$2,667,721	$2,667,721	$897,112	$897,112	$897,112	$897,112
WUG Infrastructure Expansion - Mining, Harris (SJ)	WUG	Mining, Harris	$15,255,754	$1,212,205	$1,212,205	$138,793	$138,793	$138,793	$138,793
WUG Infrastructure Expansion - Mining, Harris (SJB)	WUG	Mining, Harris	$11,461,492	$844,301	$844,301	$37,858	$37,858	$37,858	$37,858
WUG Infrastructure Expansion - Mont Belvieu	WUG	Mont Belvieu	$14,112,504	$0	$0	$0	$0	$0	$1,097,910
WUG Infrastructure Expansion - Montgomery County MUD 112	WUG	Montgomery County MUD 112	$12,917,913	$0	$0	$984,709	$984,709	$75,790	$75,790
WUG Infrastructure Expansion - Montgomery County MUD 119	WUG	Montgomery County MUD 119	$13,473,239	$0	$0	$1,036,765	$1,036,765	$88,773	$88,773
WUG Infrastructure Expansion - Montgomery County MUD 19	WUG	Montgomery County MUD 19	$12,407,135	$0	$0	$937,205	$937,205	$64,225	$64,225
WUG Infrastructure Expansion - Montgomery County MUD 88	WUG	Montgomery County MUD 88	$12,213,162	$916,742	$916,742	$57,411	$57,411	$57,411	$57,411
WUG Infrastructure Expansion - Montgomery County MUD 89	WUG	Montgomery County MUD 89	$12,798,768	$972,159	$972,159	$71,624	$71,624	$71,624	$71,624

Project Name	Proj. Level	Sponsor	Capital Cost ($)[1]	Annual Cost ($/year)					
				2030	2040	2050	2060	2070	2080
WUG Infrastructure Expansion - Montgomery County MUD 95	WUG	Montgomery County MUD 95	$14,112,504	$0	$1,097,910	$1,097,910	$104,939	$104,939	$104,939
WUG Infrastructure Expansion - Montgomery County MUD 98	WUG	Montgomery County MUD 98	$11,461,492	$0	$0	$844,301	$844,301	$37,858	$37,858
WUG Infrastructure Expansion - Mount Houston Road MUD	WUG	Mount Houston Road MUD	$12,213,162	$0	$916,742	$916,742	$57,411	$57,411	$57,411
WUG Infrastructure Expansion - MSEC Enterprises - Phase 1	WUG	MSEC Enterprises	$16,362,879	$1,322,777	$1,322,777	$171,467	$171,467	$171,467	$171,467
WUG Infrastructure Expansion - MSEC Enterprises - Phase 2	WUG	MSEC Enterprises	$14,112,504	$0	$0	$0	$1,097,910	$1,097,910	$104,939
WUG Infrastructure Expansion - NFBWA Districts	WUG	North Fort Bend Water Authority	$149,292,624	$12,722,970	$12,722,970	$2,218,583	$2,218,583	$2,218,583	$2,218,583
WUG Infrastructure Expansion - NHCRWA Districts 2025	WUG	North Harris County Regional Water Authority	$155,162,819	$13,312,035	$13,312,035	$2,394,615	$2,394,615	$2,394,615	$2,394,615
WUG Infrastructure Expansion - NHCRWA Districts 2035	WUG	North Harris County Regional Water Authority	$175,138,316	$0	$14,991,784	$14,991,784	$2,668,867	$2,668,867	$2,668,867
WUG Infrastructure Expansion - North Belt UD	WUG	North Belt UD	$12,407,135	$0	$937,205	$937,205	$64,225	$64,225	$64,225
WUG Infrastructure Expansion - North Channel Water Authority	WUG	North Channel Water Authority	$14,112,504	$1,097,910	$1,097,910	$104,939	$104,939	$104,939	$104,939
WUG Infrastructure Expansion - North Forest MUD	WUG	North Forest MUD	$11,594,049	$0	$857,859	$857,859	$42,089	$42,089	$42,089
WUG Infrastructure Expansion - North Green MUD	WUG	North Green MUD	$11,839,130	$0	$883,897	$883,897	$50,883	$50,883	$50,883
WUG Infrastructure Expansion - Northeast Harris County MUD 1	WUG	Northeast Harris County MUD 1	$11,461,492	$844,301	$844,301	$37,858	$37,858	$37,858	$37,858
WUG Infrastructure Expansion - Oak Ridge North	WUG	Oak Ridge North	$11,839,130	$883,897	$883,897	$50,883	$50,883	$50,883	$50,883
WUG Infrastructure Expansion - Pine Village PUD	WUG	Pine Village PUD	$11,594,049	$0	$857,859	$857,859	$42,089	$42,089	$42,089
WUG Infrastructure Expansion - Rayford Road MUD	WUG	Rayford Road MUD	$12,917,913	$984,709	$984,709	$75,790	$75,790	$75,790	$75,790
WUG Infrastructure Expansion - Richwood	WUG	Richwood	$11,698,973	$869,134	$869,134	$45,981	$45,981	$45,981	$45,981
WUG Infrastructure Expansion - Rolling Fork PUD	WUG	Rolling Fork PUD	$11,461,492	$844,301	$844,301	$37,858	$37,858	$37,858	$37,858
WUG Infrastructure Expansion - Sedona Lakes MUD 1	WUG	Sedona Lakes MUD 1	$11,461,492	$844,301	$844,301	$37,858	$37,858	$37,858	$37,858
WUG Infrastructure Expansion - Southern Montgomery County MUD	WUG	Southern Montgomery County MUD	$11,839,130	$0	$883,897	$883,897	$50,883	$50,883	$50,883
WUG Infrastructure Expansion - Spring Creek UD	WUG	Spring Creek UD	$12,917,913	$984,709	$984,709	$75,790	$75,790	$75,790	$75,790
WUG Infrastructure Expansion - Steam-Electric Power, Harris (SJ)	WUG	Steam-Electric Power, Harris	$22,530,020	$1,937,510	$1,937,510	$352,274	$352,274	$352,274	$352,274
WUG Infrastructure Expansion - Steam-Electric Power, Harris (SJB)	WUG	Steam-Electric Power, Harris	$11,594,049	$857,859	$857,859	$42,089	$42,089	$42,089	$42,089
WUG Infrastructure Expansion - Sunbelt FWSD	WUG	Sunbelt FWSD	$14,112,504	$0	$1,097,910	$1,097,910	$104,939	$104,939	$104,939
WUG Infrastructure Expansion - T & W Water Service	WUG	T & W Water Service	$14,112,504	$0	$0	$1,097,910	$1,097,910	$104,939	$104,939
WUG Infrastructure Expansion - The Woodlands - Phase 1	WUG	The Woodlands	$22,530,020	$1,937,510	$1,937,510	$352,274	$352,274	$352,274	$352,274

Project Name	Proj. Level	Sponsor	Capital Cost ($)[1]	Annual Cost ($/year)					
				2030	2040	2050	2060	2070	2080
WUG Infrastructure Expansion - The Woodlands - Phase 2	WUG	The Woodlands	$16,362,879	$0	$0	$0	$1,322,777	$1,322,777	$171,467
WUG Infrastructure Expansion - Tomball	WUG	Tomball	$16,362,879	$1,322,777	$1,322,777	$171,467	$171,467	$171,467	$171,467
WUG Infrastructure Expansion - Trail of the Lakes MUD	WUG	Trail of the Lakes MUD	$13,179,518	$0	$1,012,224	$1,012,224	$84,899	$84,899	$84,899
WUG Infrastructure Expansion - Westfield Garden Park	WUG	Westfield Garden Park	$11,461,492	$844,301	$844,301	$37,858	$37,858	$37,858	$37,858
WUG Infrastructure Expansion - Westwood North WSC	WUG	Westwood North WSC	$12,407,135	$0	$0	$937,205	$937,205	$64,225	$64,225
WUG Infrastructure Expansion - WHCRWA Districts	WUG	West Harris County Regional Water Authority	$215,949,698	$18,449,814	$18,449,814	$3,255,365	$3,255,365	$3,255,365	$3,255,365
WUG Infrastructure Expansion - Windfern Forest Utility District	WUG	Windfern Forest Utility District	$12,407,135	$937,205	$937,205	$64,225	$64,225	$64,225	$64,225
WUG Infrastructure Expansion - Woodcreek MUD	WUG	Woodcreek MUD	$11,839,130	$0	$883,897	$883,897	$50,883	$50,883	$50,883
WUG Infrastructure Expansion - Woodland Oaks Utility	WUG	Woodland Oaks Utility	$11,839,130	$0	$0	$883,897	$883,897	$50,883	$50,883
WUG Infrastructure Expansion (Brackish Groundwater) - Dobbin-Plantersville WSC - Phase 1	WUG	Dobbin Plantersville WSC	$9,763,575	$1,143,322	$1,143,322	$456,346	$456,346	$456,346	$456,346
WUG Infrastructure Expansion (Brackish Groundwater) - Dobbin-Plantersville WSC - Phase 2	WUG	Dobbin Plantersville WSC	$9,763,575	$0	$0	$0	$1,143,322	$1,143,322	$456,346
WUG Infrastructure Expansion (Brackish Groundwater) - Far Hills UD	WUG	Far Hills UD	$8,178,966	$0	$826,142	$826,142	$250,661	$250,661	$250,661
WUG Infrastructure Expansion (Brackish Groundwater) - Montgomery	WUG	Montgomery	$8,805,593	$0	$955,680	$955,680	$336,109	$336,109	$336,109
WUG Infrastructure Expansion (Brackish Groundwater) - Panorama Village	WUG	Panorama Village	$7,617,801	$0	$0	$717,871	$717,871	$181,874	$181,874
WUG Infrastructure Expansion (Brackish Groundwater) - Stanley Lake MUD	WUG	Stanley Lake MUD	$7,936,798	$0	$774,985	$774,985	$216,543	$216,543	$216,543
WUG Infrastructure Expansion (Groundwater) - Baker Road MUD	WUG	Baker Road MUD	$7,617,801	$0	$717,871	$717,871	$181,874	$181,874	$181,874
WUG Infrastructure Expansion (Groundwater) - Blaketree MUD 1 of Montgomery County	WUG	Blaketree MUD 1 of Montgomery County	$7,617,801	$717,871	$717,871	$181,874	$181,874	$181,874	$181,874
WUG Infrastructure Expansion (Groundwater) - Blue Bell Manor Utility	WUG	Blue Bell Manor Utility	$7,617,801	$0	$717,871	$717,871	$181,874	$181,874	$181,874
WUG Infrastructure Expansion (Groundwater) - Blue Ridge West MUD	WUG	Blue Ridge West MUD	$7,617,801	$0	$0	$717,871	$717,871	$181,874	$181,874
WUG Infrastructure Expansion (Groundwater) - C C Water Works - Phase 1	WUG	C C Water Works	$9,045,172	$1,006,636	$1,006,636	$370,208	$370,208	$370,208	$370,208
WUG Infrastructure Expansion (Groundwater) - C C Water Works - Phase 2	WUG	C C Water Works	$9,763,575	$0	$0	$0	$1,143,322	$1,143,322	$456,346
WUG Infrastructure Expansion (Groundwater) - Chateau Woods MUD	WUG	Chateau Woods MUD	$8,055,762	$0	$800,399	$800,399	$233,587	$233,587	$233,587
WUG Infrastructure Expansion (Groundwater) - Corinthian Point MUD 2	WUG	Corinthian Point MUD 2	$7,617,801	$0	$717,871	$717,871	$181,874	$181,874	$181,874
WUG Infrastructure Expansion (Groundwater) - County-Other, Chambers (T)	WUG	County-Other, Chambers	$7,237,909	$0	$0	$0	$0	$1,286,064	$1,286,064

Project Name	Proj. Level	Sponsor	Capital Cost ($)[1]	Annual Cost ($/year)					
				2030	2040	2050	2060	2070	2080
WUG Infrastructure Expansion (Groundwater) - County-Other, Chambers (TSJ) - Phase 1	WUG	County-Other, Chambers	$7,237,909	$0	$1,286,064	$1,286,064	$1,286,064	$1,286,064	$1,286,064
WUG Infrastructure Expansion (Groundwater) - County-Other, Chambers (TSJ) - Phase 2	WUG	County-Other, Chambers	$7,759,724	$0	$0	$0	$1,416,321	$1,416,321	$1,416,321
WUG Infrastructure Expansion (Groundwater) - County-Other, Chambers (TSJ) - Phase 3	WUG	County-Other, Chambers	$5,994,000	$0	$0	$0	$0	$0	$1,002,518
WUG Infrastructure Expansion (Groundwater) - County-Other, Fort Bend (BC) - Phase 1	WUG	County-Other, Fort Bend	$9,801,334	$0	$1,746,663	$1,746,663	$1,746,663	$1,746,663	$1,746,663
WUG Infrastructure Expansion (Groundwater) - County-Other, Fort Bend (BC) - Phase 2	WUG	County-Other, Fort Bend	$18,581,259	$0	$0	$3,467,502	$3,467,502	$3,467,502	$3,467,502
WUG Infrastructure Expansion (Groundwater) - County-Other, Fort Bend (BC) - Phase 3	WUG	County-Other, Fort Bend	$12,254,528	$0	$0	$0	$0	$2,288,621	$2,288,621
WUG Infrastructure Expansion (Groundwater) - County-Other, Fort Bend (SJB) - Phase 1	WUG	County-Other, Fort Bend	$7,237,909	$0	$1,286,064	$1,286,064	$1,286,064	$1,286,064	$1,286,064
WUG Infrastructure Expansion (Groundwater) - County-Other, Fort Bend (SJB) - Phase 2	WUG	County-Other, Fort Bend	$9,108,817	$0	$0	$0	$1,610,652	$1,610,652	$1,610,652
WUG Infrastructure Expansion (Groundwater) - County-Other, Fort Bend (Sugar Land IWRP)	WUG	County-Other, Fort Bend	$6,212,031	$1,049,354	$1,049,354	$1,049,354	$1,049,354	$1,049,354	$1,049,354
WUG Infrastructure Expansion (Groundwater) - County-Other, Harris (COH GRP Participants)	WUG	County-Other, Harris	$9,801,334	$1,746,663	$1,746,663	$1,746,663	$1,746,663	$1,746,663	$1,746,663
WUG Infrastructure Expansion (Groundwater) - County-Other, Madison (B)	WUG	County-Other, Madison	$3,294,122	$405,149	$405,149	$405,149	$405,149	$405,149	$405,149
WUG Infrastructure Expansion (Groundwater) - County-Other, Montgomery (SJ) - Phase 1	WUG	County-Other, Montgomery	$12,254,528	$0	$2,288,621	$2,288,621	$2,288,621	$2,288,621	$2,288,621
WUG Infrastructure Expansion (Groundwater) - County-Other, Montgomery (SJ) - Phase 2	WUG	County-Other, Montgomery (Converting Portion)	$12,254,528	$0	$0	$2,288,621	$2,288,621	$2,288,621	$2,288,621
WUG Infrastructure Expansion (Groundwater) - County-Other, Montgomery (SJ) - Phase 3	WUG	County-Other, Montgomery (Converting Portion)	$9,801,334	$0	$0	$0	$1,746,663	$1,746,663	$1,746,663
WUG Infrastructure Expansion (Groundwater) - County-Other, Walker (T)	WUG	County-Other, Walker	$3,546,698	$455,366	$455,366	$455,366	$455,366	$455,366	$455,366
WUG Infrastructure Expansion (Groundwater) - County-Other, Waller (B) - Phase 1	WUG	County-Other, Waller	$5,641,830	$937,773	$937,773	$937,773	$937,773	$937,773	$937,773
WUG Infrastructure Expansion (Groundwater) - County-Other, Waller (B) - Phase 2	WUG	County-Other, Waller	$7,237,909	$0	$0	$1,286,064	$1,286,064	$1,286,064	$1,286,064
WUG Infrastructure Expansion (Groundwater) - County-Other, Waller (B) - Phase 3	WUG	County-Other, Waller	$7,759,724	$0	$0	$0	$0	$1,416,321	$1,416,321
WUG Infrastructure Expansion (Groundwater) - County-Other, Waller (SJ) - Phase 1	WUG	County-Other, Waller	$5,641,830	$937,773	$937,773	$937,773	$937,773	$937,773	$937,773
WUG Infrastructure Expansion (Groundwater) - County-Other, Waller (SJ) - Phase 2	WUG	County-Other, Waller	$7,759,724	$0	$0	$1,416,321	$1,416,321	$1,416,321	$1,416,321
WUG Infrastructure Expansion (Groundwater) - County-Other, Waller (SJ) - Phase 3	WUG	County-Other, Waller	$7,237,909	$0	$0	$0	$0	$1,286,064	$1,286,064
WUG Infrastructure Expansion (Groundwater) - Cut and Shoot - Phase 1	WUG	Cut & Shoot	$11,412,959	$1,458,024	$1,458,024	$654,996	$654,996	$654,996	$654,996
WUG Infrastructure Expansion (Groundwater) - Cut and Shoot - Phase 2	WUG	Cut & Shoot	$9,763,575	$0	$0	$0	$1,143,322	$1,143,322	$456,346
WUG Infrastructure Expansion (Groundwater) - Dodge Oakhurst WSC - Phase 1	WUG	Dodge Oakhurst WSC	$7,617,801	$0	$0	$717,871	$717,871	$181,874	$181,874

Project Name	Proj. Level	Sponsor	Capital Cost ($)[1]	Annual Cost ($/year)					
				2030	2040	2050	2060	2070	2080
WUG Infrastructure Expansion (Groundwater) - Dodge Oakhurst WSC - Phase 2	WUG	Dodge Oakhurst WSC	$8,304,292	$0	$0	$0	$0	$852,050	$852,050
WUG Infrastructure Expansion (Groundwater) - Domestic Water	WUG	Domestic Water	$7,617,801	$0	$717,871	$717,871	$181,874	$181,874	$181,874
WUG Infrastructure Expansion (Groundwater) - Douglas Utility	WUG	Douglas Utility	$7,617,801	$0	$717,871	$717,871	$181,874	$181,874	$181,874
WUG Infrastructure Expansion (Groundwater) - East Montgomery County MUD 6	WUG	East Montgomery County MUD 6	$8,055,762	$800,399	$800,399	$233,587	$233,587	$233,587	$233,587
WUG Infrastructure Expansion (Groundwater) - East Plantation UD	WUG	East Plantation UD	$8,055,762	$800,399	$800,399	$233,587	$233,587	$233,587	$233,587
WUG Infrastructure Expansion (Groundwater) - First Colony MUD 9	WUG	First Colony MUD 9	$8,055,762	$0	$800,399	$800,399	$233,587	$233,587	$233,587
WUG Infrastructure Expansion (Groundwater) - Fort Bend County FWSD 1	WUG	Fort Bend County FWSD 1	$9,045,172	$0	$1,006,636	$1,006,636	$370,208	$370,208	$370,208
WUG Infrastructure Expansion (Groundwater) - Fort Bend County FWSD 2	WUG	Fort Bend County FWSD 2	$9,763,575	$1,143,322	$1,143,322	$456,346	$456,346	$456,346	$456,346
WUG Infrastructure Expansion (Groundwater) - Fort Bend County MUD 116	WUG	Fort Bend County MUD 116	$7,777,301	$0	$746,428	$746,428	$199,209	$199,209	$199,209
WUG Infrastructure Expansion (Groundwater) - Fort Bend County MUD 131	WUG	Fort Bend County MUD 131	$7,617,801	$0	$0	$0	$0	$717,871	$717,871
WUG Infrastructure Expansion (Groundwater) - Fort Bend County MUD 162	WUG	Fort Bend County MUD 162	$7,617,801	$0	$0	$717,871	$717,871	$181,874	$181,874
WUG Infrastructure Expansion (Groundwater) - Fort Bend County MUD 23	WUG	Fort Bend County MUD 23	$7,617,801	$0	$717,871	$717,871	$181,874	$181,874	$181,874
WUG Infrastructure Expansion (Groundwater) - Fort Bend County MUD 24	WUG	Fort Bend County MUD 24	$7,617,801	$0	$717,871	$717,871	$181,874	$181,874	$181,874
WUG Infrastructure Expansion (Groundwater) - Fort Bend County MUD 26	WUG	Fort Bend County MUD 26	$7,617,801	$0	$717,871	$717,871	$181,874	$181,874	$181,874
WUG Infrastructure Expansion (Groundwater) - Fort Bend County MUD 42	WUG	Fort Bend County MUD 42	$7,617,801	$0	$717,871	$717,871	$181,874	$181,874	$181,874
WUG Infrastructure Expansion (Groundwater) - Fort Bend County MUD 5	WUG	Fort Bend County MUD 5	$7,617,801	$0	$717,871	$717,871	$181,874	$181,874	$181,874
WUG Infrastructure Expansion (Groundwater) - Fort Bend County WCID 3	WUG	Fort Bend County WCID 3	$7,617,801	$0	$0	$0	$0	$717,871	$717,871
WUG Infrastructure Expansion (Groundwater) - Grand Oaks MUD	WUG	Grand Oaks MUD	$7,617,801	$0	$717,871	$717,871	$181,874	$181,874	$181,874
WUG Infrastructure Expansion (Groundwater) - Green Trails MUD	WUG	Green Trails MUD	$7,777,301	$0	$746,428	$746,428	$199,209	$199,209	$199,209
WUG Infrastructure Expansion (Groundwater) - Harris County FWSD 58	WUG	Harris County FWSD 58	$7,617,801	$0	$717,871	$717,871	$181,874	$181,874	$181,874
WUG Infrastructure Expansion (Groundwater) - Harris County MUD 153	WUG	Harris County MUD 153	$9,045,172	$0	$1,006,636	$1,006,636	$370,208	$370,208	$370,208
WUG Infrastructure Expansion (Groundwater) - Harris County MUD 216	WUG	Harris County MUD 216	$7,617,801	$0	$717,871	$717,871	$181,874	$181,874	$181,874
WUG Infrastructure Expansion (Groundwater) - Harris County MUD 342	WUG	Harris County MUD 342	$8,805,593	$0	$955,680	$955,680	$336,109	$336,109	$336,109
WUG Infrastructure Expansion (Groundwater) - Harris County MUD 345	WUG	Harris County MUD 345	$7,936,798	$0	$774,985	$774,985	$216,543	$216,543	$216,543

Project Name	Proj. Level	Sponsor	Capital Cost ($)[1]	Annual Cost ($/year)					
				2030	2040	2050	2060	2070	2080
WUG Infrastructure Expansion (Groundwater) - Harris County MUD 361	WUG	Harris County MUD 361	$7,936,798	$0	$774,985	$774,985	$216,543	$216,543	$216,543
WUG Infrastructure Expansion (Groundwater) - Harris County MUD 494	WUG	Harris County MUD 494	$7,617,801	$0	$717,871	$717,871	$181,874	$181,874	$181,874
WUG Infrastructure Expansion (Groundwater) - Harris County MUD 58	WUG	Harris County MUD 58	$7,617,801	$0	$717,871	$717,871	$181,874	$181,874	$181,874
WUG Infrastructure Expansion (Groundwater) - Harris County WCID 70	WUG	Harris County WCID 70	$7,617,801	$0	$717,871	$717,871	$181,874	$181,874	$181,874
WUG Infrastructure Expansion (Groundwater) - High Prairie WSC	WUG	High Prairie WSC	$7,617,801	$717,871	$717,871	$181,874	$181,874	$181,874	$181,874
WUG Infrastructure Expansion (Groundwater) - HMW SUD	WUG	HMW SUD	$7,617,801	$0	$717,871	$717,871	$181,874	$181,874	$181,874
WUG Infrastructure Expansion (Groundwater) - Huntsville	WUG	Huntsville	$20,469,349	$0	$0	$0	$0	$3,017,552	$3,017,552
WUG Infrastructure Expansion (Groundwater) - Irrigation, Leon (T)	WUG	Irrigation, Leon	$443,938	$41,518	$41,518	$10,282	$10,282	$10,282	$10,282
WUG Infrastructure Expansion (Groundwater) - Irrigation, Liberty (N)	WUG	Irrigation, Liberty	$8,646,473	$1,025,433	$1,025,433	$417,058	$417,058	$417,058	$417,058
WUG Infrastructure Expansion (Groundwater) - Irrigation, Liberty (SJ)	WUG	Irrigation, Liberty	$2,483,088	$294,775	$294,775	$120,062	$120,062	$120,062	$120,062
WUG Infrastructure Expansion (Groundwater) - Irrigation, Montgomery (SJ) - Phase 1	WUG	Irrigation, Montgomery	$2,483,088	$294,775	$294,775	$120,062	$120,062	$120,062	$120,062
WUG Infrastructure Expansion (Groundwater) - Irrigation, Montgomery (SJ) - Phase 2	WUG	Irrigation, Montgomery	$1,241,544	$0	$0	$0	$147,387	$147,387	$60,031
WUG Infrastructure Expansion (Groundwater) - Johnston Water Utility - Phase 1	WUG	Johnston Water Utility	$13,629,412	$1,905,633	$1,905,633	$946,653	$946,653	$946,653	$946,653
WUG Infrastructure Expansion (Groundwater) - Johnston Water Utility - Phase 2	WUG	Johnston Water Utility	$10,003,157	$0	$0	$0	$1,194,274	$1,194,274	$490,441
WUG Infrastructure Expansion (Groundwater) - Katy	WUG	Katy	$13,629,412	$1,905,633	$1,905,633	$946,653	$946,653	$946,653	$946,653
WUG Infrastructure Expansion (Groundwater) - Keenan WSC	WUG	Keenan WSC	$7,617,801	$0	$717,871	$717,871	$181,874	$181,874	$181,874
WUG Infrastructure Expansion (Groundwater) - Kings Manor MUD	WUG	Kings Manor MUD	$8,304,292	$852,050	$852,050	$267,751	$267,751	$267,751	$267,751
WUG Infrastructure Expansion (Groundwater) - Lake Conroe Hills MUD	WUG	Lake Conroe Hills MUD	$7,617,801	$0	$717,871	$717,871	$181,874	$181,874	$181,874
WUG Infrastructure Expansion (Groundwater) - Lazy River Improvement District	WUG	Lazy River Improvement District	$7,777,301	$746,428	$746,428	$199,209	$199,209	$199,209	$199,209
WUG Infrastructure Expansion (Groundwater) - Livestock, Leon (B)	WUG	Livestock, Leon	$443,938	$41,518	$41,518	$10,282	$10,282	$10,282	$10,282
WUG Infrastructure Expansion (Groundwater) - Livestock, Leon (T)	WUG	Livestock, Leon	$443,938	$41,518	$41,518	$10,282	$10,282	$10,282	$10,282
WUG Infrastructure Expansion (Groundwater) - Livestock, Liberty (NT)	WUG	Livestock, Liberty	$615,787	$61,944	$61,944	$18,616	$18,616	$18,616	$18,616
WUG Infrastructure Expansion (Groundwater) - Livestock, Liberty (SJ)	WUG	Livestock, Liberty	$443,938	$41,518	$41,518	$10,282	$10,282	$10,282	$10,282
WUG Infrastructure Expansion (Groundwater) - Livestock, Liberty (T)	WUG	Livestock, Liberty	$997,698	$112,857	$112,857	$42,658	$42,658	$42,658	$42,658

Project Name	Proj. Level	Sponsor	Capital Cost ($)[1]	Annual Cost ($/year)					
				2030	2040	2050	2060	2070	2080
WUG Infrastructure Expansion (Groundwater) - Livestock, Liberty (TSJ)	WUG	Livestock, Liberty	$443,938	$41,518	$41,518	$10,282	$10,282	$10,282	$10,282
WUG Infrastructure Expansion (Groundwater) - Livestock, Montgomery (SJ)	WUG	Livestock, Montgomery	$615,787	$61,944	$61,944	$18,616	$18,616	$18,616	$18,616
WUG Infrastructure Expansion (Groundwater) - Longhorn Town UD	WUG	Longhorn Town UD	$7,617,801	$0	$717,871	$717,871	$181,874	$181,874	$181,874
WUG Infrastructure Expansion (Groundwater) - Luce Bayou PUD	WUG	Luce Bayou PUD	$7,617,801	$0	$717,871	$717,871	$181,874	$181,874	$181,874
WUG Infrastructure Expansion (Groundwater) - Magnolia - Phase 1	WUG	Magnolia	$8,178,966	$826,142	$826,142	$250,661	$250,661	$250,661	$250,661
WUG Infrastructure Expansion (Groundwater) - Magnolia - Phase 2	WUG	Magnolia	$9,523,994	$0	$0	$1,092,366	$1,092,366	$422,247	$422,247
WUG Infrastructure Expansion (Groundwater) - Manufacturing, Leon (T)	WUG	Manufacturing, Leon	$3,546,698	$0	$455,366	$455,366	$455,366	$455,366	$455,366
WUG Infrastructure Expansion (Groundwater) - Manufacturing, Montgomery - Phase 1	WUG	Manufacturing, Montgomery	$12,884,250	$1,747,597	$1,747,597	$841,047	$841,047	$841,047	$841,047
WUG Infrastructure Expansion (Groundwater) - Manufacturing, Montgomery - Phase 2	WUG	Manufacturing, Montgomery	$10,003,157	$0	$0	$1,194,274	$1,194,274	$490,441	$490,441
WUG Infrastructure Expansion (Groundwater) - Mason Creek UD	WUG	Mason Creek UD	$8,680,267	$0	$929,772	$929,772	$319,019	$319,019	$319,019
WUG Infrastructure Expansion (Groundwater) - Meadowcreek MUD	WUG	Meadowcreek MUD	$7,617,801	$0	$0	$717,871	$717,871	$181,874	$181,874
WUG Infrastructure Expansion (Groundwater) - Mining, Austin (B)	WUG	Mining, Austin	$3,294,122	$405,149	$405,149	$405,149	$405,149	$405,149	$405,149
WUG Infrastructure Expansion (Groundwater) - Mining, Liberty (SJ)	WUG	Mining, Liberty	$3,294,122	$0	$405,149	$405,149	$405,149	$405,149	$405,149
WUG Infrastructure Expansion (Groundwater) - Mining, Liberty (T)	WUG	Mining, Liberty	$3,641,193	$478,014	$478,014	$478,014	$478,014	$478,014	$478,014
WUG Infrastructure Expansion (Groundwater) - Mining, Montgomery	WUG	Mining, Montgomery	$7,617,801	$717,871	$717,871	$181,874	$181,874	$181,874	$181,874
WUG Infrastructure Expansion (Groundwater) - Mining, Polk (T)	WUG	Mining, Polk	$3,294,122	$405,149	$405,149	$405,149	$405,149	$405,149	$405,149
WUG Infrastructure Expansion (Groundwater) - Mining, San Jacinto (T)	WUG	Mining, San Jacinto	$3,294,122	$405,149	$405,149	$405,149	$405,149	$405,149	$405,149
WUG Infrastructure Expansion (Groundwater) - Mont Belvieu - Phase 1	WUG	Mont Belvieu	$16,955,665	$2,352,354	$2,352,354	$1,159,335	$1,159,335	$1,159,335	$1,159,335
WUG Infrastructure Expansion (Groundwater) - Mont Belvieu - Phase 2	WUG	Mont Belvieu	$12,884,250	$0	$0	$0	$1,747,597	$1,747,597	$841,047
WUG Infrastructure Expansion (Groundwater) - Montgomery County MUD 105	WUG	Montgomery County MUD 105	$7,617,801	$717,871	$717,871	$181,874	$181,874	$181,874	$181,874
WUG Infrastructure Expansion (Groundwater) - Montgomery County MUD 115	WUG	Montgomery County MUD 115	$9,523,994	$1,092,366	$1,092,366	$422,247	$422,247	$422,247	$422,247
WUG Infrastructure Expansion (Groundwater) - Montgomery County MUD 126	WUG	Montgomery County MUD 126	$8,805,593	$955,680	$955,680	$336,109	$336,109	$336,109	$336,109
WUG Infrastructure Expansion (Groundwater) - Montgomery County MUD 127	WUG	Montgomery County MUD 127	$7,936,798	$774,985	$774,985	$216,543	$216,543	$216,543	$216,543
WUG Infrastructure Expansion (Groundwater) - Montgomery County MUD 137	WUG	Montgomery County MUD 137	$8,055,762	$0	$800,399	$800,399	$233,587	$233,587	$233,587

Project Name	Proj. Level	Sponsor	Capital Cost ($)[1]	Annual Cost ($/year)					
				2030	2040	2050	2060	2070	2080
WUG Infrastructure Expansion (Groundwater) - Montgomery County MUD 139	WUG	Montgomery County MUD 139	$8,680,267	$929,772	$929,772	$319,019	$319,019	$319,019	$319,019
WUG Infrastructure Expansion (Groundwater) - Montgomery County MUD 15	WUG	Montgomery County MUD 15	$9,045,172	$1,006,636	$1,006,636	$370,208	$370,208	$370,208	$370,208
WUG Infrastructure Expansion (Groundwater) - Montgomery County MUD 18	WUG	Montgomery County MUD 18	$9,045,172	$0	$1,006,636	$1,006,636	$370,208	$370,208	$370,208
WUG Infrastructure Expansion (Groundwater) - Montgomery County MUD 56	WUG	Montgomery County MUD 56	$7,617,801	$717,871	$717,871	$181,874	$181,874	$181,874	$181,874
WUG Infrastructure Expansion (Groundwater) - Montgomery County MUD 83	WUG	Montgomery County MUD 83	$7,936,798	$0	$774,985	$774,985	$216,543	$216,543	$216,543
WUG Infrastructure Expansion (Groundwater) - Montgomery County MUD 94	WUG	Montgomery County MUD 94	$9,523,994	$1,092,366	$1,092,366	$422,247	$422,247	$422,247	$422,247
WUG Infrastructure Expansion (Groundwater) - Montgomery County UD 2	WUG	Montgomery County UD 2	$8,680,267	$929,772	$929,772	$319,019	$319,019	$319,019	$319,019
WUG Infrastructure Expansion (Groundwater) - Montgomery County UD 3	WUG	Montgomery County UD 3	$7,617,801	$0	$0	$0	$717,871	$717,871	$181,874
WUG Infrastructure Expansion (Groundwater) - Montgomery County UD 4	WUG	Montgomery County UD 4	$8,554,943	$0	$0	$903,865	$903,865	$301,930	$301,930
WUG Infrastructure Expansion (Groundwater) - New Caney MUD - Phase 1	WUG	New Caney MUD	$10,003,157	$0	$1,194,274	$1,194,274	$490,441	$490,441	$490,441
WUG Infrastructure Expansion (Groundwater) - New Caney MUD - Phase 2	WUG	New Caney MUD	$9,763,575	$0	$0	$0	$1,143,322	$1,143,322	$456,346
WUG Infrastructure Expansion (Groundwater) - Nitsch and Son Utility	WUG	Nitsch and Son Utility	$7,617,801	$0	$717,871	$717,871	$181,874	$181,874	$181,874
WUG Infrastructure Expansion (Groundwater) - Northwest Harris County MUD 16	WUG	Northwest Harris County MUD 16	$7,617,801	$0	$717,871	$717,871	$181,874	$181,874	$181,874
WUG Infrastructure Expansion (Groundwater) - Palmer Plantation MUD 1	WUG	Palmer Plantation MUD 1	$7,617,801	$0	$717,871	$717,871	$181,874	$181,874	$181,874
WUG Infrastructure Expansion (Groundwater) - Patton Village	WUG	Patton Village	$7,617,801	$0	$717,871	$717,871	$181,874	$181,874	$181,874
WUG Infrastructure Expansion (Groundwater) - Pinehurst Decker Prairie WSC	WUG	Pinehurst Decker Prairie WSC	$7,617,801	$0	$717,871	$717,871	$181,874	$181,874	$181,874
WUG Infrastructure Expansion (Groundwater) - Pinewood Community	WUG	Pinewood Community	$7,617,801	$0	$717,871	$717,871	$181,874	$181,874	$181,874
WUG Infrastructure Expansion (Groundwater) - Plantation MUD	WUG	Plantation MUD	$7,617,801	$0	$0	$717,871	$717,871	$181,874	$181,874
WUG Infrastructure Expansion (Groundwater) - Point Aquarius MUD	WUG	Point Aquarius MUD	$7,617,801	$0	$0	$717,871	$717,871	$181,874	$181,874
WUG Infrastructure Expansion (Groundwater) - Porter SUD - Phase 1	WUG	Porter SUD	$12,884,250	$1,747,597	$1,747,597	$841,047	$841,047	$841,047	$841,047
WUG Infrastructure Expansion (Groundwater) - Porter SUD - Phase 2	WUG	Porter SUD	$16,955,665	$0	$0	$2,352,354	$2,352,354	$1,159,335	$1,159,335
WUG Infrastructure Expansion (Groundwater) - Quadvest (Rosenberg GRP)	WUG	Quadvest	$11,100,824	$0	$1,400,401	$1,400,401	$619,336	$619,336	$619,336
WUG Infrastructure Expansion (Groundwater) - Quadvest, Fort Bend (B)	WUG	Quadvest	$5,750,846	$0	$961,193	$961,193	$961,193	$961,193	$961,193
WUG Infrastructure Expansion (Groundwater) - Quadvest, Harris (SJ)	WUG	Quadvest	$3,294,122	$0	$405,149	$405,149	$405,149	$405,149	$405,149

Project Name	Proj. Level	Sponsor	Capital Cost ($)[1]	Annual Cost ($/year)					
				2030	2040	2050	2060	2070	2080
WUG Infrastructure Expansion (Groundwater) - Quadvest, Liberty (SJ) - Phase 1	WUG	Quadvest	$4,984,965	$0	$781,358	$781,358	$781,358	$781,358	$781,358
WUG Infrastructure Expansion (Groundwater) - Quadvest, Liberty (SJ) - Phase 2	WUG	Quadvest	$4,143,350	$0	$0	$0	$0	$593,536	$593,536
WUG Infrastructure Expansion (Groundwater) - Quadvest, Montgomery (SJ) - Phase 1	WUG	Quadvest	$9,801,334	$1,746,663	$1,746,663	$1,746,663	$1,746,663	$1,746,663	$1,746,663
WUG Infrastructure Expansion (Groundwater) - Quadvest, Montgomery (SJ) - Phase 2	WUG	Quadvest	$7,237,909	$0	$0	$0	$1,286,064	$1,286,064	$1,286,064
WUG Infrastructure Expansion (Groundwater) - Ranch Crest Water	WUG	Ranch Crest Water	$7,617,801	$717,871	$717,871	$181,874	$181,874	$181,874	$181,874
WUG Infrastructure Expansion (Groundwater) - River Plantation MUD	WUG	River Plantation MUD	$8,805,593	$0	$955,680	$955,680	$336,109	$336,109	$336,109
WUG Infrastructure Expansion (Groundwater) - Roman Forest Consolidated MUD	WUG	Roman Forest Consolidated MUD	$8,055,762	$0	$800,399	$800,399	$233,587	$233,587	$233,587
WUG Infrastructure Expansion (Groundwater) - Royal Valley Utilities (NFBWA GRP Participant)	WUG	Royal Valley Utilities	$8,055,762	$0	$800,399	$800,399	$233,587	$233,587	$233,587
WUG Infrastructure Expansion (Groundwater) - Royal Valley Utilities (Sugar Land IWRP)	WUG	Royal Valley Utilities	$7,777,301	$0	$746,428	$746,428	$199,209	$199,209	$199,209
WUG Infrastructure Expansion (Groundwater) - Sequoia Improvement District	WUG	Sequoia Improvement District	$7,617,801	$0	$717,871	$717,871	$181,874	$181,874	$181,874
WUG Infrastructure Expansion (Groundwater) - Shenandoah - Phase 1	WUG	Shenandoah	$9,763,575	$1,143,322	$1,143,322	$456,346	$456,346	$456,346	$456,346
WUG Infrastructure Expansion (Groundwater) - Shenandoah - Phase 2	WUG	Shenandoah	$11,100,824	$0	$0	$1,400,401	$1,400,401	$619,336	$619,336
WUG Infrastructure Expansion (Groundwater) - South Cleveland WSC	WUG	South Cleveland WSC	$10,750,595	$0	$0	$0	$1,348,148	$1,348,148	$591,725
WUG Infrastructure Expansion (Groundwater) - Southern Water	WUG	Southern Water	$7,617,801	$0	$717,871	$717,871	$181,874	$181,874	$181,874
WUG Infrastructure Expansion (Groundwater) - Splendora - Phase 1	WUG	Splendora	$10,003,157	$1,194,274	$1,194,274	$490,441	$490,441	$490,441	$490,441
WUG Infrastructure Expansion (Groundwater) - Splendora - Phase 2	WUG	Splendora	$12,081,739	$0	$0	$1,593,432	$1,593,432	$743,348	$743,348
WUG Infrastructure Expansion (Groundwater) - Steam-Electric Power, Austin (B)	WUG	Steam-Electric Power, Austin	$6,462,525	$1,106,193	$1,106,193	$1,106,193	$1,106,193	$1,106,193	$1,106,193
WUG Infrastructure Expansion (Groundwater) - Steam-Electric Power, Montgomery - Phase 1	WUG	Steam-Electric Power, Montgomery	$10,003,157	$1,194,274	$1,194,274	$490,441	$490,441	$490,441	$490,441
WUG Infrastructure Expansion (Groundwater) - Steam-Electric Power, Montgomery - Phase 2	WUG	Steam-Electric Power, Montgomery	$8,805,593	$0	$0	$955,680	$955,680	$336,109	$336,109
WUG Infrastructure Expansion (Groundwater) - Suburban Utility	WUG	Suburban Utility	$7,777,301	$0	$0	$746,428	$746,428	$199,209	$199,209
WUG Infrastructure Expansion (Groundwater) - The Commons Water Supply	WUG	The Commons Water Supply	$7,617,801	$0	$717,871	$717,871	$181,874	$181,874	$181,874
WUG Infrastructure Expansion (Groundwater) - Thunderbird UD	WUG	Thunderbird UD	$7,617,801	$0	$717,871	$717,871	$181,874	$181,874	$181,874
WUG Infrastructure Expansion (Groundwater) - Walker County SUD	WUG	Walker County SUD	$7,617,801	$717,871	$717,871	$181,874	$181,874	$181,874	$181,874
WUG Infrastructure Expansion (Groundwater) - Waller - Phase 1	WUG	Waller	$30,544,969	$3,147,358	$3,147,358	$998,181	$998,181	$998,181	$998,181

Project Name	Proj. Level	Sponsor	Capital Cost ($)[1]	Annual Cost ($/year)					
				2030	2040	2050	2060	2070	2080
WUG Infrastructure Expansion (Groundwater) - Waller - Phase 2	WUG	Waller	$28,312,478	$0	$2,592,912	$2,592,912	$600,816	$600,816	$600,816
WUG Infrastructure Expansion (Groundwater) - West Harris County MUD 6	WUG	West Harris County MUD 6	$7,617,801	$0	$717,871	$717,871	$181,874	$181,874	$181,874
WUG Infrastructure Expansion (Groundwater) - White Oak WSC	WUG	White Oak WSC	$7,617,801	$0	$717,871	$717,871	$181,874	$181,874	$181,874
WUG Infrastructure Expansion (Groundwater) - Wood Branch Village	WUG	Wood Branch Village	$7,936,798	$0	$774,985	$774,985	$216,543	$216,543	$216,543
WUG Infrastructure Expansion (Groundwater) - Wood Trace MUD 1	WUG	Wood Trace MUD 1	$7,617,801	$0	$717,871	$717,871	$181,874	$181,874	$181,874

1. Because drought management is a temporary response, costs for entries listed as Municipal Drought management are estimated equivalent customer impact avoidance cost and do not include a direct capital cost in the same manner as infrastructure or sustained conservation.

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

Project Name	Proj. Level	Unit Cost ($/ac ft)					
		2030	2040	2050	2060	2070	2080
Allens Creek Reservoir	WMS	$0	$279	$279	$279	$279	$47
BAWA East SWTP Expansion - Phase 1	WMS	$868	$868	$217	$217	$217	$217
BAWA East SWTP Expansion - Phase 2	WMS	$0	$868	$868	$217	$217	$217
Brazos Saltwater Barrier	WMS	$596	$596	$51	$51	$51	$51
BWA Brackish Groundwater Development	WMS	$830	$830	$442	$442	$442	$442
BWA Conventional Treatment Expansion	WMS	$385	$385	$200	$200	$200	$200
BWA Transmission and Storage Expansion	WMS	$437	$437	$82	$82	$82	$82
BWSC Reservoir and Pump Station Expansion	WMS	$566	$566	$70	$70	$70	$70
CHCRWA Transmission and Internal Distribution	WMS	$314	$314	$22	$22	$22	$22
City of Houston Area 2 Groundwater Infrastructure	WMS	$482	$482	$271	$271	$271	$271
City of Houston EWPP Enhancement	WMS	$0	$979	$979	$120	$120	$120
City of Houston GRP Transmission - 2025 Phase	WMS	$347	$347	$43	$43	$43	$43
City of Houston GRP Transmission - 2035 Phase	WMS	$0	$552	$552	$69	$69	$69
City of Houston Repump Expansion - Phase 1	WMS	$287	$287	$75	$75	$75	$75
City of Houston Repump Expansion - Phase 2	WMS	$0	$160	$160	$42	$42	$42
City Of Houston Reuse Infrastructure	WMS	$0	$536	$521	$213	$214	$213
City of Houston SEWPP Expansion - Phase 1	WMS	$457	$457	$176	$176	$176	$176
City of Houston SEWPP Expansion - Phase 2	WMS	$0	$1,034	$1,034	$389	$389	$389
City of Houston Transmission and Distribution Expansion - Phase 1	WMS	$83	$83	$10	$10	$10	$10
City of Houston Transmission and Distribution Expansion - Phase 2	WMS	$0	$149	$149	$30	$30	$30
COH Northeast Water Purification Plant Expansion - Phase 2	WMS	$749	$749	$340	$340	$340	$340
COH Northeast Water Purification Plant Expansion - Phase 3	WMS	$0	$1,003	$1,003	$500	$500	$500
CWA Pipeline Transmission Expansion	WMS	$0	$305	$305	$38	$38	$38
CWA Trinity River Conveyance System Improvements	WMS	$0	$50	$50	$11	$11	$11
East Texas Transfer	WMS	$0	$0	$216	$216	$29	$29
Fairchilds Supply Infrastructure - Phase 1	WMS	$3,337	$3,337	$604	$604	$604	$604

Project Name	Proj. Level	Unit Cost ($/ac ft)					
		2030	2040	2050	2060	2070	2080
Fairchilds Supply Infrastructure - Phase 2	WMS	$0	$4,554	$4,554	$931	$931	$931
Fort Bend MUD 25 GRP Infrastructure	WMS	$784	$784	$58	$58	$58	$58
Fort Bend WCID 2 GRP Infrastructure - Phase 1	WMS	$1,144	$1,144	$393	$393	$393	$393
Fort Bend WCID 2 GRP Infrastructure - Phase 2	WMS	$0	$1,144	$1,144	$393	$393	$393
GCWA Canal Loss Mitigation	WMS	$192	$192	$24	$24	$24	$24
GCWA Coastal Desalination	WMS	$0	$2,207	$2,207	$1,317	$1,317	$1,317
GCWA Groundwater Well Development	WMS	$0	$137	$137	$63	$63	$63
GCWA Municipal Reuse	WMS	$79	$79	$33	$33	$33	$33
GCWA Shannon Pump Station Expansion	WMS	$120	$120	$27	$27	$27	$27
Harris County MUD 50 SWTP	WMS	$4,994	$4,994	$2,129	$2,129	$2,129	$2,129
LNVA Devers Pump Station Relocation	WMS	$21	$21	$4	$4	$4	$4
LNVA Neches-Trinity Basin Interconnect	WMS	$0	$165	$165	$31	$31	$31
Manvel Supply Expansion - Phase 1	WMS	$475	$475	$44	$44	$44	$44
Manvel Supply Expansion - Phase 2	WMS	$0	$803	$803	$75	$75	$75
Missouri City GRP Infrastructure - Pre 2030	WMS	$255	$255	$23	$23	$23	$23
Missouri City GRP Infrastructure - Post 2030	WMS	$0	$608	$608	$239	$239	$239
Montgomery County MUDs 8 and 9 Supply Expansion	WMS	$3,061	$3,061	$1,379	$1,379	$1,379	$1,379
Montgomery County Supply Expansion - 2040 Phase	WMS	$0	$829	$829	$339	$339	$339
Montgomery County Supply Expansion - 2050 Phase	WMS	$0	$0	$1,695	$1,695	$482	$482
Montgomery County Supply Expansion - 2060 Phase	WMS	$0	$0	$0	$829	$829	$339
NFBWA Member District Reuse Infrastructure	WMS	$1,573	$1,573	$744	$744	$744	$744
NFBWA Phase 2 Distribution Segments	WMS	$136	$136	$17	$17	$17	$17
NHCRWA Distribution Expansion - 2025 Phase	WMS	$427	$427	$37	$37	$37	$37
NHCRWA Distribution Expansion - 2035 Phase	WMS	$0	$592	$592	$58	$58	$58
NHCRWA Distribution Expansion - 2045 Phase	WMS	$0	$0	$813	$813	$57	$57
NHCRWA Member District Reuse Infrastructure	WMS	$2,206	$2,206	$929	$929	$929	$929
NHCRWA Transmission Lines	WMS	$179	$179	$23	$23	$23	$23
Pasadena Infrastructure Expansion	WMS	$669	$669	$233	$233	$233	$233

Project Name	Proj. Level	Unit Cost ($/ac ft)					
		2030	2040	2050	2060	2070	2080
Pearland Reuse Infrastructure	WMS	$0	$1,565	$1,683	$1,312	$210	$210
Pearland Surface Water Treatment Plant Development	WMS	$1,178	$1,178	$358	$358	$358	$358
Richmond GRP Infrastructure	WMS	$1,252	$1,252	$355	$355	$355	$355
Rosenberg GRP Infrastructure	WMS	$344	$344	$37	$37	$37	$37
SJRA Catahoula Aquifer Supplies	WMS	$0	$0	$0	$0	$0	$486
SJRA Highlands System Enhancement	WMS	$99	$99	$17	$17	$17	$17
Southeast Transmission Line Improvements	WMS	$306	$306	$26	$26	$26	$26
Sugar Land Advanced Loss Reduction	WMS	$705	$705	$592	$592	$592	$592
Sugar Land AMI	WMS	$1,817	$1,720	$827	$827	$827	$827
Sugar Land Groundwater Plant Conversion	WMS	$292	$292	$19	$19	$19	$19
Sugar Land IWRP Reuse Infrastructure - Phase 1	WMS	$1,713	$1,713	$361	$361	$361	$361
Sugar Land IWRP Reuse Infrastructure - Phase 2	WMS	$0	$2,597	$2,597	$545	$545	$545
Sugar Land IWRP Reuse Infrastructure - Phase 3	WMS	$0	$0	$1,713	$1,713	$361	$361
Sugar Land Surface Water Expansion - Phase 1	WMS	$1,451	$1,451	$494	$494	$494	$494
Sugar Land Surface Water Expansion - Phase 2	WMS	$0	$748	$748	$508	$508	$508
Texas City Industrial Complex Reuse	WMS	$0	$385	$385	$87	$87	$87
West University Place Infrastructure Expansion	WMS	$695	$695	$158	$158	$158	$158
Westwood Shores Reuse Infrastructure	WMS	$2,292	$2,292	$1,123	$1,123	$1,123	$1,123
WHCRWA 2025 Distribution Expansion	WMS	$256	$256	$28	$28	$28	$28
WHCRWA 2035 Distribution Expansion	WMS	$0	$142	$142	$15	$15	$15
WHCRWA/NFBWA Transmission Line	WMS	$297	$297	$38	$38	$38	$38
Industrial Conservation, Austin County	WUG	$0	$0	$0	$346	$284	$247
Industrial Conservation, Brazoria County	WUG	$540	$540	$451	$346	$284	$247
Industrial Conservation, Chambers County	WUG	$540	$540	$451	$346	$284	$247
Industrial Conservation, Fort Bend County	WUG	$540	$540	$451	$346	$284	$247
Industrial Conservation, Galveston County	WUG	$540	$540	$451	$346	$284	$247
Industrial Conservation, Harris County	WUG	$540	$540	$451	$346	$284	$247
Industrial Conservation, Leon County	WUG	$540	$540	$451	$346	$284	$247

Project Name	Proj. Level	Unit Cost ($/ac ft)					
		2030	2040	2050	2060	2070	2080
Industrial Conservation, Liberty County	WUG	$540	$540	$451	$346	$284	$247
Industrial Conservation, Montgomery County	WUG	$540	$540	$451	$346	$284	$247
Industrial Conservation, Walker County	WUG	$541	$540	$451	$346	$284	$247
Industrial Conservation, Waller County	WUG	$540	$541	$451	$346	$284	$247
Irrigation Conservation, Austin County	WUG	$161	$161	$160	$160	$160	$160
Irrigation Conservation, Brazoria County	WUG	$155	$155	$153	$153	$153	$153
Irrigation Conservation, Chambers County	WUG	$158	$158	$157	$157	$157	$157
Irrigation Conservation, Fort Bend County	WUG	$160	$160	$159	$159	$159	$159
Irrigation Conservation, Galveston County	WUG	$161	$161	$160	$160	$160	$160
Irrigation Conservation, Harris County	WUG	$161	$161	$160	$160	$160	$160
Irrigation Conservation, Liberty County	WUG	$154	$154	$152	$152	$152	$152
Irrigation Conservation, Waller County	WUG	$154	$154	$152	$152	$152	$152
Montgomery County WCID 1 Water Plant 3	WUG	$0	$11,973	$6,609	$1,617	$1,408	$1,299
Municipal Conservation, Alvin	WUG	$1,426	$770	$819	$737	$875	$752
Municipal Conservation, Ames Minglewood WSC	WUG	$1,215	$786	$925	$761	$920	$836
Municipal Conservation, Anahuac	WUG	$1,235	$850	$921	$819	$962	$841
Municipal Conservation, Angleton	WUG	$1,766	$860	$887	$799	$949	$791
Municipal Conservation, Austin County WSC	WUG	$1,035	$740	$806	$717	$848	$753
Municipal Conservation, Bacliff MUD	WUG	$1,506	$905	$961	$873	$1,009	$860
Municipal Conservation, Baker Road MUD	WUG	$645	$532	$556	$564	$691	$607
Municipal Conservation, Baybrook MUD 1	WUG	$1,671	$1,108	$1,001	$854	$1,171	$1,116
Municipal Conservation, Baytown	WUG	$1,665	$891	$897	$804	$890	$787
Municipal Conservation, Bayview MUD	WUG	$1,670	$1,018	$1,012	$898	$1,067	$908
Municipal Conservation, Bellaire	WUG	$1,439	$694	$732	$701	$790	$691
Municipal Conservation, Bellville	WUG	$947	$592	$580	$506	$674	$662
Municipal Conservation, Blaketree MUD 1 of Montgomery County	WUG	$0	$953	$1,047	$765	$902	$852
Municipal Conservation, Blue Bell Manor Utility	WUG	$1,131	$800	$862	$784	$917	$806
Municipal Conservation, Blue Ridge West MUD	WUG	$1,016	$713	$780	$724	$852	$750

Project Name	Proj. Level	Unit Cost ($/ac ft)					
		2030	2040	2050	2060	2070	2080
Municipal Conservation, Bolivar Peninsula SUD	WUG	$1,422	$854	$878	$792	$952	$846
Municipal Conservation, Brazoria	WUG	$1,356	$862	$922	$821	$976	$810
Municipal Conservation, Brazoria County FWSD 1	WUG	$1,297	$890	$1,017	$866	$1,061	$809
Municipal Conservation, Brazoria County MUD 2	WUG	$398	$347	$384	$378	$455	$423
Municipal Conservation, Brazoria County MUD 21	WUG	$977	$690	$735	$676	$807	$733
Municipal Conservation, Brazoria County MUD 22	WUG	$1,398	$704	$652	$556	$805	$784
Municipal Conservation, Brazoria County MUD 25	WUG	$1,306	$912	$940	$880	$998	$881
Municipal Conservation, Brazoria County MUD 29	WUG	$1,374	$883	$899	$821	$977	$838
Municipal Conservation, Brazoria County MUD 3	WUG	$904	$687	$734	$686	$813	$712
Municipal Conservation, Brazoria County MUD 31	WUG	$786	$598	$654	$619	$736	$661
Municipal Conservation, Brazoria County MUD 39	WUG	$466	$406	$452	$435	$525	$480
Municipal Conservation, Brazoria County MUD 55	WUG	$1,161	$763	$805	$752	$894	$783
Municipal Conservation, Brazoria County MUD 6	WUG	$654	$541	$563	$540	$643	$595
Municipal Conservation, Brookshire MWD	WUG	$1,119	$697	$695	$615	$820	$771
Municipal Conservation, Buffalo	WUG	$1,470	$844	$807	$738	$950	$851
Municipal Conservation, Bunker Hill Village	WUG	$428	$371	$407	$389	$472	$447
Municipal Conservation, C C Water Works	WUG	$922	$736	$779	$731	$841	$759
Municipal Conservation, Cape Royale UD	WUG	$1,320	$859	$890	$807	$911	$820
Municipal Conservation, Centerville	WUG	$1,723	$790	$755	$687	$906	$887
Municipal Conservation, Central Harris County Regional Water Authority	WUG	$1,488	$818	$876	$803	$940	$786
Municipal Conservation, Chambers County MUD 1	WUG	$1,172	$845	$920	$840	$955	$850
Municipal Conservation, Chateau Woods MUD	WUG	$1,236	$884	$899	$802	$935	$819
Municipal Conservation, Chimney Hill MUD	WUG	$1,159	$772	$846	$768	$914	$783
Municipal Conservation, Clear Brook City MUD	WUG	$1,462	$792	$850	$784	$918	$768
Municipal Conservation, Clear Lake City Water Authority	WUG	$2,947	$899	$926	$866	$946	$702
Municipal Conservation, Cleveland	WUG	$1,023	$669	$2,334	$941	$1,079	$859
Municipal Conservation, Clute	WUG	$4,493	$364	$690	$640	$805	$752
Municipal Conservation, Concord-Robbins WSC	WUG	$1,609	$889	$897	$849	$939	$718

Project Name	Proj. Level	Unit Cost ($/ac ft)					
		2030	2040	2050	2060	2070	2080
Municipal Conservation, Conroe	WUG	$1,452	$993	$912	$785	$903	$780
Municipal Conservation, Conroe Resort Utilities	WUG	$1,365	$808	$737	$610	$891	$829
Municipal Conservation, Corinthian Point MUD 2	WUG	$788	$633	$676	$592	$704	$671
Municipal Conservation, Country Terrace Water	WUG	$1,481	$918	$981	$852	$999	$833
Municipal Conservation, County-Other, Austin	WUG	$1,536	$934	$989	$875	$1,013	$873
Municipal Conservation, County-Other, Brazoria	WUG	$1,106	$767	$832	$756	$884	$777
Municipal Conservation, County-Other, Chambers	WUG	$826	$687	$753	$693	$817	$734
Municipal Conservation, County-Other, Fort Bend	WUG	$1,257	$952	$1,002	$878	$1,014	$871
Municipal Conservation, County-Other, Galveston	WUG	$1,051	$740	$798	$732	$854	$752
Municipal Conservation, County-Other, Harris	WUG	$834	$651	$703	$651	$764	$679
Municipal Conservation, County-Other, Leon	WUG	$1,333	$756	$772	$765	$790	$599
Municipal Conservation, County-Other, Liberty	WUG	$1,356	$938	$1,005	$907	$1,039	$899
Municipal Conservation, County-Other, Madison	WUG	$855	$643	$682	$651	$770	$686
Municipal Conservation, County-Other, Montgomery	WUG	$1,088	$802	$862	$779	$899	$781
Municipal Conservation, County-Other, Polk	WUG	$918	$669	$727	$678	$795	$714
Municipal Conservation, County-Other, San Jacinto	WUG	$796	$587	$643	$606	$712	$642
Municipal Conservation, County-Other, Walker	WUG	$719	$550	$604	$554	$652	$579
Municipal Conservation, County-Other, Waller	WUG	$1,127	$815	$906	$836	$966	$847
Municipal Conservation, Crosby MUD	WUG	$940	$606	$585	$515	$690	$654
Municipal Conservation, Cut and Shoot	WUG	$1,770	$943	$980	$884	$1,023	$816
Municipal Conservation, Daisetta	WUG	$1,139	$785	$922	$812	$896	$813
Municipal Conservation, Danbury	WUG	$1,326	$835	$887	$824	$941	$805
Municipal Conservation, Dayton	WUG	$1,585	$813	$816	$772	$858	$743
Municipal Conservation, Deer Park	WUG	$2,638	$875	$901	$841	$942	$755
Municipal Conservation, Devers	WUG	$803	$665	$776	$664	$834	$719
Municipal Conservation, Dobbin Plantersville WSC	WUG	$1,007	$1,083	$978	$842	$955	$780
Municipal Conservation, Dodge Oakhurst WSC	WUG	$1,057	$750	$802	$770	$915	$810
Municipal Conservation, Domestic Water	WUG	$1,445	$945	$911	$861	$1,012	$866

Project Name	Proj. Level	Unit Cost ($/ac ft)					
		2030	2040	2050	2060	2070	2080
Municipal Conservation, Douglas Utility	WUG	$393	$359	$429	$400	$493	$456
Municipal Conservation, East Montgomery County MUD 6	WUG	$1,032	$725	$847	$776	$910	$749
Municipal Conservation, East Plantation UD	WUG	$790	$641	$741	$673	$739	$672
Municipal Conservation, El Dorado UD	WUG	$1,119	$793	$890	$808	$901	$802
Municipal Conservation, Far Hills UD	WUG	$989	$728	$747	$698	$806	$721
Municipal Conservation, First Colony MUD 9	WUG	$870	$620	$675	$621	$753	$686
Municipal Conservation, Flo Community WSC	WUG	$1,261	$840	$870	$803	$946	$816
Municipal Conservation, Forest Hills MUD	WUG	$1,102	$790	$862	$776	$913	$789
Municipal Conservation, Fort Bend County FWSD 2	WUG	$1,039	$737	$821	$742	$876	$1,090
Municipal Conservation, Fort Bend County MUD 115	WUG	$431	$355	$370	$343	$428	$421
Municipal Conservation, Fort Bend County MUD 116	WUG	$781	$608	$639	$590	$715	$652
Municipal Conservation, Fort Bend County MUD 121	WUG	$958	$695	$742	$700	$813	$721
Municipal Conservation, Fort Bend County MUD 128	WUG	$1,862	$725	$771	$737	$831	$687
Municipal Conservation, Fort Bend County MUD 129	WUG	$603	$490	$538	$516	$618	$570
Municipal Conservation, Fort Bend County MUD 131	WUG	$1,468	$899	$943	$864	$1,015	$870
Municipal Conservation, Fort Bend County MUD 140	WUG	$904	$660	$732	$674	$838	$755
Municipal Conservation, Fort Bend County MUD 149	WUG	$464	$400	$442	$430	$512	$479
Municipal Conservation, Fort Bend County MUD 152	WUG	$821	$607	$666	$633	$760	$672
Municipal Conservation, Fort Bend County MUD 155	WUG	$844	$675	$736	$671	$789	$702
Municipal Conservation, Fort Bend County MUD 158	WUG	$744	$580	$636	$608	$714	$638
Municipal Conservation, Fort Bend County MUD 162	WUG	$1,184	$789	$877	$789	$1,001	$817
Municipal Conservation, Fort Bend County MUD 23	WUG	$1,521	$820	$877	$810	$933	$778
Municipal Conservation, Fort Bend County MUD 24	WUG	$1,204	$815	$856	$798	$920	$806
Municipal Conservation, Fort Bend County MUD 25	WUG	$2,139	$811	$839	$788	$883	$724
Municipal Conservation, Fort Bend County MUD 26	WUG	$1,135	$790	$846	$785	$898	$788
Municipal Conservation, Fort Bend County MUD 42	WUG	$890	$639	$670	$637	$755	$690
Municipal Conservation, Fort Bend County MUD 46	WUG	$683	$519	$549	$497	$624	$589
Municipal Conservation, Fort Bend County MUD 47	WUG	$1,317	$802	$889	$785	$944	$835

Project Name	Proj. Level	Unit Cost ($/ac ft)					
		2030	2040	2050	2060	2070	2080
Municipal Conservation, Fort Bend County MUD 48	WUG	$1,136	$795	$836	$792	$903	$779
Municipal Conservation, Fort Bend County MUD 49	WUG	$1,033	$794	$806	$721	$897	$747
Municipal Conservation, Fort Bend County MUD 5	WUG	$1,269	$846	$895	$808	$938	$800
Municipal Conservation, Fort Bend County MUD 81	WUG	$437	$380	$444	$425	$502	$468
Municipal Conservation, Fort Bend County WCID 2	WUG	$3,885	$1,085	$1,031	$944	$1,057	$745
Municipal Conservation, Fort Bend County WCID 3	WUG	$346	$286	$331	$330	$406	$390
Municipal Conservation, Freeport	WUG	$1,929	$771	$294	$573	$770	$722
Municipal Conservation, Friendswood	WUG	$2,275	$844	$868	$815	$910	$748
Municipal Conservation, Fulshear	WUG	$2,161	$1,219	$911	$849	$952	$792
Municipal Conservation, Galena Park	WUG	$1,766	$865	$911	$827	$978	$786
Municipal Conservation, Galveston	WUG	$1,724	$647	$673	$611	$706	$658
Municipal Conservation, Galveston County FWSD 6	WUG	$1,391	$860	$882	$799	$950	$826
Municipal Conservation, Galveston County MUD 12	WUG	$1,374	$865	$928	$847	$958	$849
Municipal Conservation, Galveston County WCID 1	WUG	$1,648	$853	$887	$803	$952	$799
Municipal Conservation, Galveston County WCID 12	WUG	$961	$636	$622	$552	$723	$695
Municipal Conservation, Galveston County WCID 8	WUG	$1,507	$924	$970	$875	$1,000	$865
Municipal Conservation, Glendale WSC	WUG	$1,363	$882	$963	$809	$963	$908
Municipal Conservation, Grand Oaks MUD	WUG	$1,314	$899	$950	$894	$961	$859
Municipal Conservation, Green Trails MUD	WUG	$707	$528	$550	$517	$629	$593
Municipal Conservation, Greenwood UD	WUG	$1,473	$1,219	$1,001	$878	$681	$1,172
Municipal Conservation, Groveton	WUG	$1,525	$866	$768	$690	$995	$790
Municipal Conservation, Hardin WSC	WUG	$1,212	$794	$863	$786	$927	$814
Municipal Conservation, Harris County FWSD 1-A	WUG	$1,271	$814	$888	$799	$950	$802
Municipal Conservation, Harris County FWSD 27	WUG	$969	$714	$782	$704	$855	$716
Municipal Conservation, Harris County FWSD 58	WUG	$993	$709	$734	$709	$803	$733
Municipal Conservation, Harris County MUD 106	WUG	$1,016	$723	$783	$721	$836	$750
Municipal Conservation, Harris County MUD 11	WUG	$1,155	$755	$843	$754	$903	$788
Municipal Conservation, Harris County MUD 119	WUG	$1,019	$763	$802	$755	$857	$774

Project Name	Proj. Level	Unit Cost ($/ac ft)					
		2030	2040	2050	2060	2070	2080
Municipal Conservation, Harris County MUD 122	WUG	$1,290	$790	$809	$739	$943	$838
Municipal Conservation, Harris County MUD 132	WUG	$691	$531	$561	$518	$632	$596
Municipal Conservation, Harris County MUD 148	WUG	$1,254	$807	$883	$804	$915	$797
Municipal Conservation, Harris County MUD 151	WUG	$855	$631	$693	$642	$771	$688
Municipal Conservation, Harris County MUD 152	WUG	$1,013	$721	$774	$724	$841	$744
Municipal Conservation, Harris County MUD 153	WUG	$995	$648	$665	$604	$763	$708
Municipal Conservation, Harris County MUD 154	WUG	$1,257	$742	$810	$746	$876	$738
Municipal Conservation, Harris County MUD 180	WUG	$1,231	$819	$864	$788	$923	$814
Municipal Conservation, Harris County MUD 189	WUG	$1,021	$794	$816	$753	$856	$809
Municipal Conservation, Harris County MUD 216	WUG	$742	$582	$624	$559	$697	$652
Municipal Conservation, Harris County MUD 221	WUG	$1,043	$756	$826	$764	$878	$779
Municipal Conservation, Harris County MUD 23	WUG	$1,094	$738	$825	$743	$857	$756
Municipal Conservation, Harris County MUD 261	WUG	$721	$564	$618	$587	$681	$639
Municipal Conservation, Harris County MUD 278	WUG	$1,276	$832	$1,251	$876	$972	$804
Municipal Conservation, Harris County MUD 290	WUG	$1,078	$740	$1,115	$801	$915	$767
Municipal Conservation, Harris County MUD 321	WUG	$514	$389	$320	$244	$325	$370
Municipal Conservation, Harris County MUD 342	WUG	$793	$601	$678	$624	$715	$662
Municipal Conservation, Harris County MUD 344	WUG	$619	$515	$542	$516	$617	$572
Municipal Conservation, Harris County MUD 345	WUG	$659	$521	$576	$547	$646	$592
Municipal Conservation, Harris County MUD 36	WUG	$842	$521	$528	$395	$532	$579
Municipal Conservation, Harris County MUD 361	WUG	$1,073	$729	$799	$736	$864	$755
Municipal Conservation, Harris County MUD 372	WUG	$546	$454	$490	$467	$562	$530
Municipal Conservation, Harris County MUD 400	WUG	$1,730	$785	$1,581	$777	$984	$840
Municipal Conservation, Harris County MUD 412	WUG	$807	$588	$649	$597	$716	$651
Municipal Conservation, Harris County MUD 420	WUG	$1,275	$824	$910	$843	$943	$815
Municipal Conservation, Harris County MUD 46	WUG	$771	$580	$628	$594	$720	$657
Municipal Conservation, Harris County MUD 49	WUG	$1,356	$890	$963	$877	$994	$859
Municipal Conservation, Harris County MUD 494	WUG	$1,333	$830	$915	$832	$952	$832

Project Name	Proj. Level	Unit Cost ($/ac ft)					
		2030	2040	2050	2060	2070	2080
Municipal Conservation, Harris County MUD 5	WUG	$1,234	$836	$867	$801	$928	$818
Municipal Conservation, Harris County MUD 50	WUG	$1,160	$802	$868	$785	$912	$794
Municipal Conservation, Harris County MUD 504	WUG	$1,055	$747	$792	$745	$861	$763
Municipal Conservation, Harris County MUD 55	WUG	$1,564	$841	$891	$813	$946	$790
Municipal Conservation, Harris County MUD 58	WUG	$934	$709	$703	$623	$750	$682
Municipal Conservation, Harris County MUD 6	WUG	$1,132	$766	$819	$742	$891	$761
Municipal Conservation, Harris County MUD 8	WUG	$1,189	$897	$914	$867	$948	$860
Municipal Conservation, Harris County MUD 96	WUG	$1,238	$813	$882	$804	$928	$811
Municipal Conservation, Harris County UD 15	WUG	$874	$641	$670	$610	$745	$681
Municipal Conservation, Harris County WCID 1	WUG	$993	$683	$719	$659	$814	$725
Municipal Conservation, Harris County WCID 133	WUG	$909	$664	$725	$661	$777	$697
Municipal Conservation, Harris County WCID 156	WUG	$648	$560	$561	$577	$632	$628
Municipal Conservation, Harris County WCID 161	WUG	$911	$708	$739	$685	$853	$712
Municipal Conservation, Harris County WCID 50	WUG	$1,110	$743	$817	$755	$853	$764
Municipal Conservation, Harris County WCID 70	WUG	$1,168	$744	$806	$772	$906	$805
Municipal Conservation, Harris County WCID 74	WUG	$820	$628	$682	$637	$745	$665
Municipal Conservation, Harris County WCID 89	WUG	$1,236	$803	$857	$779	$915	$804
Municipal Conservation, Harris County WCID 96	WUG	$783	$608	$680	$625	$725	$665
Municipal Conservation, Harris County WCID-Fondren Road	WUG	$1,274	$868	$888	$812	$959	$806
Municipal Conservation, Harris-Montgomery Counties MUD 386	WUG	$1,042	$708	$787	$707	$854	$750
Municipal Conservation, Hempstead	WUG	$911	$611	$619	$556	$704	$664
Municipal Conservation, High Prairie WSC	WUG	$749	$576	$691	$609	$670	$639
Municipal Conservation, Hillcrest Village	WUG	$1,043	$634	$736	$739	$751	$723
Municipal Conservation, Hilltop Lakes WSC	WUG	$1,134	$750	$819	$703	$851	$797
Municipal Conservation, Hilshire Village	WUG	$660	$511	$595	$537	$668	$598
Municipal Conservation, Hitchcock	WUG	$1,217	$821	$872	$809	$927	$806
Municipal Conservation, HMW SUD	WUG	$1,309	$1,184	$993	$854	$988	$821
Municipal Conservation, Houston	WUG	$1,362	$646	$708	$627	$745	$652

Project Name	Proj. Level	Unit Cost ($/ac ft)					
		2030	2040	2050	2060	2070	2080
Municipal Conservation, Humble	WUG	$3,739	$966	$1,125	$917	$1,026	$734
Municipal Conservation, Huntsville	WUG	$4,351	$1,201	$1,314	$1,273	$1,408	$1,182
Municipal Conservation, Jacinto City	WUG	$1,498	$920	$1,336	$884	$997	$548
Municipal Conservation, Jamaica Beach	WUG	$1,306	$854	$903	$851	$979	$844
Municipal Conservation, Jersey Village	WUG	$1,004	$691	$700	$632	$3,390	$844
Municipal Conservation, Jewett	WUG	$1,535	$669	$694	$629	$0	$0
Municipal Conservation, Johnston Water Utility	WUG	$362	$337	$371	$362	$434	$407
Municipal Conservation, Katy	WUG	$1,425	$794	$758	$684	$816	$716
Municipal Conservation, Keenan WSC	WUG	$1,297	$928	$1,014	$883	$961	$837
Municipal Conservation, Kendleton	WUG	$1,007	$953	$801	$711	$842	$748
Municipal Conservation, Kings Manor MUD	WUG	$983	$729	$763	$716	$848	$747
Municipal Conservation, Kirkmont MUD	WUG	$831	$619	$676	$650	$740	$678
Municipal Conservation, La Marque	WUG	$1,441	$709	$735	$694	$798	$699
Municipal Conservation, La Porte	WUG	$3,416	$1,054	$978	$896	$955	$828
Municipal Conservation, Lake Bonanza WSC	WUG	$1,414	$889	$946	$844	$992	$844
Municipal Conservation, Lake Conroe Hills MUD	WUG	$1,451	$886	$941	$844	$993	$848
Municipal Conservation, Lake Jackson	WUG	$3,064	$851	$896	$822	$907	$704
Municipal Conservation, Lake MUD	WUG	$1,221	$817	$869	$796	$942	$804
Municipal Conservation, Lazy River Improvement District	WUG	$787	$547	$601	$589	$717	$656
Municipal Conservation, League City	WUG	$1,650	$821	$860	$789	$869	$774
Municipal Conservation, Leggett WSC	WUG	$1,044	$657	$684	$613	$801	$716
Municipal Conservation, Liberty	WUG	$966	$606	$595	$528	$695	$669
Municipal Conservation, Liberty County FWSD 1 Hull	WUG	$1,138	$704	$818	$690	$864	$741
Municipal Conservation, Livingston	WUG	$616	$453	$452	$389	$519	$512
Municipal Conservation, Longhorn Town UD	WUG	$702	$525	$557	$505	$629	$610
Municipal Conservation, Luce Bayou PUD	WUG	$0	$757	$633	$646	$708	$634
Municipal Conservation, Madisonville	WUG	$1,038	$636	$625	$554	$723	$692
Municipal Conservation, Magnolia	WUG	$1,059	$668	$667	$562	$727	$702

Project Name	Proj. Level	Unit Cost ($/ac ft)					
		2030	2040	2050	2060	2070	2080
Municipal Conservation, Manvel	WUG	$1,322	$910	$1,697	$933	$1,035	$880
Municipal Conservation, Mason Creek UD	WUG	$807	$596	$643	$599	$718	$664
Municipal Conservation, Meadowcreek MUD	WUG	$1,196	$796	$835	$768	$877	$809
Municipal Conservation, Meadows Place	WUG	$895	$652	$708	$656	$777	$702
Municipal Conservation, Memorial Point UD	WUG	$999	$799	$840	$712	$923	$805
Municipal Conservation, Memorial Villages Water Authority	WUG	$1,034	$460	$535	$504	$516	$489
Municipal Conservation, Mercy WSC	WUG	$836	$608	$659	$628	$731	$667
Municipal Conservation, Missouri City	WUG	$927	$1,340	$891	$802	$908	$768
Municipal Conservation, Mont Belvieu	WUG	$1,323	$673	$598	$666	$733	$685
Municipal Conservation, Montgomery	WUG	$1,239	$801	$762	$659	$837	$795
Municipal Conservation, Montgomery County MUD 105	WUG	$830	$609	$675	$654	$729	$699
Municipal Conservation, Montgomery County MUD 112	WUG	$853	$639	$668	$612	$745	$737
Municipal Conservation, Montgomery County MUD 115	WUG	$882	$641	$677	$634	$754	$693
Municipal Conservation, Montgomery County MUD 119	WUG	$1,145	$2,039	$928	$833	$989	$815
Municipal Conservation, Montgomery County MUD 126	WUG	$1,109	$631	$651	$558	$729	$676
Municipal Conservation, Montgomery County MUD 137	WUG	$1,316	$874	$916	$828	$952	$839
Municipal Conservation, Montgomery County MUD 139	WUG	$1,300	$696	$649	$554	$773	$756
Municipal Conservation, Montgomery County MUD 15	WUG	$1,320	$858	$919	$830	$961	$838
Municipal Conservation, Montgomery County MUD 18	WUG	$599	$484	$532	$502	$607	$561
Municipal Conservation, Montgomery County MUD 19	WUG	$556	$443	$455	$396	$487	$490
Municipal Conservation, Montgomery County MUD 24	WUG	$1,308	$810	$764	$659	$859	$798
Municipal Conservation, Montgomery County MUD 56	WUG	$1,403	$760	$828	$760	$874	$817
Municipal Conservation, Montgomery County MUD 8	WUG	$1,129	$772	$822	$750	$891	$791
Municipal Conservation, Montgomery County MUD 83	WUG	$883	$638	$695	$670	$794	$702
Municipal Conservation, Montgomery County MUD 84	WUG	$858	$655	$707	$656	$774	$697
Municipal Conservation, Montgomery County MUD 88	WUG	$917	$618	$649	$608	$742	$690
Municipal Conservation, Montgomery County MUD 89	WUG	$837	$612	$648	$602	$738	$675
Municipal Conservation, Montgomery County MUD 9	WUG	$828	$614	$670	$627	$743	$676

Project Name	Proj. Level	Unit Cost ($/ac ft)					
		2030	2040	2050	2060	2070	2080
Municipal Conservation, Montgomery County MUD 94	WUG	$989	$710	$761	$697	$822	$745
Municipal Conservation, Montgomery County MUD 95	WUG	$1,331	$791	$728	$599	$816	$778
Municipal Conservation, Montgomery County MUD 98	WUG	$1,186	$810	$856	$806	$943	$794
Municipal Conservation, Montgomery County MUD 99	WUG	$1,094	$675	$688	$582	$766	$716
Municipal Conservation, Montgomery County UD 2	WUG	$1,018	$745	$776	$690	$825	$749
Municipal Conservation, Montgomery County UD 3	WUG	$1,223	$803	$840	$766	$905	$811
Municipal Conservation, Montgomery County UD 4	WUG	$1,095	$744	$788	$726	$862	$780
Municipal Conservation, Montgomery County WCID 1	WUG	$1,926	$1,214	$1,214	$1,057	$1,200	$1,032
Municipal Conservation, Morgans Point	WUG	$732	$522	$503	$453	$563	$544
Municipal Conservation, Mount Houston Road MUD	WUG	$1,013	$713	$766	$708	$837	$746
Municipal Conservation, MSEC Enterprises	WUG	$1,520	$848	$873	$799	$850	$747
Municipal Conservation, Nassau Bay	WUG	$734	$560	$572	$520	$651	$615
Municipal Conservation, Needville	WUG	$1,366	$1,013	$986	$844	$971	$836
Municipal Conservation, New Caney MUD	WUG	$1,694	$945	$970	$868	$1,009	$825
Municipal Conservation, New Waverly	WUG	$1,255	$702	$629	$567	$706	$717
Municipal Conservation, Newport MUD	WUG	$1,512	$813	$900	$822	$949	$778
Municipal Conservation, Nitsch and Son Utility	WUG	$1,194	$787	$848	$748	$879	$794
Municipal Conservation, Normangee	WUG	$1,243	$731	$658	$489	$1,013	$0
Municipal Conservation, North Belt UD	WUG	$681	$514	$552	$498	$606	$584
Municipal Conservation, North Channel Water Authority	WUG	$1,600	$820	$878	$800	$869	$773
Municipal Conservation, North Forest MUD	WUG	$1,006	$695	$743	$695	$803	$729
Municipal Conservation, North Fort Bend Water Authority	WUG	$2,143	$893	$954	$842	$941	$780
Municipal Conservation, North Green MUD	WUG	$893	$741	$796	$726	$833	$768
Municipal Conservation, North Harris County Regional Water Authority	WUG	$2,996	$923	$1,003	$870	$1,016	$798
Municipal Conservation, North Zulch MUD	WUG	$1,484	$904	$950	$845	$975	$855
Municipal Conservation, Northeast Harris County MUD 1	WUG	$1,398	$798	$827	$732	$921	$818
Municipal Conservation, Northwest Harris County MUD 16	WUG	$1,052	$711	$740	$699	$851	$756
Municipal Conservation, Oak Hollow Utility	WUG	$1,231	$812	$875	$782	$924	$788

Project Name	Proj. Level	Unit Cost ($/ac ft)					
		2030	2040	2050	2060	2070	2080
Municipal Conservation, Oak Ridge North	WUG	$1,117	$684	$646	$566	$740	$707
Municipal Conservation, Onalaska WSC	WUG	$1,611	$969	$1,035	$909	$1,059	$905
Municipal Conservation, One Five O WSC	WUG	$1,403	$870	$940	$846	$942	$820
Municipal Conservation, Oyster Creek	WUG	$921	$625	$655	$566	$733	$694
Municipal Conservation, P B & S C WSC	WUG	$1,086	$744	$784	$729	$891	$770
Municipal Conservation, Palmer Plantation MUD 1	WUG	$749	$548	$601	$575	$691	$625
Municipal Conservation, Palmer Plantation MUD 2	WUG	$1,124	$728	$806	$743	$846	$758
Municipal Conservation, Panorama Village	WUG	$836	$643	$695	$648	$766	$679
Municipal Conservation, Parkway MUD	WUG	$1,505	$910	$956	$873	$997	$858
Municipal Conservation, Pasadena	WUG	$1,838	$771	$837	$736	$871	$748
Municipal Conservation, Pattison WSC	WUG	$947	$687	$697	$660	$787	$704
Municipal Conservation, Patton Village	WUG	$1,811	$1,093	$1,158	$1,056	$1,149	$953
Municipal Conservation, Pearland	WUG	$2,832	$999	$1,005	$886	$996	$791
Municipal Conservation, Pecan Grove MUD 1	WUG	$2,063	$847	$871	$804	$884	$734
Municipal Conservation, Phelps SUD	WUG	$1,284	$814	$828	$804	$901	$795
Municipal Conservation, Pine Village PUD	WUG	$1,244	$802	$882	$821	$909	$810
Municipal Conservation, Pinehurst Decker Prairie WSC	WUG	$1,212	$876	$916	$846	$923	$826
Municipal Conservation, Pinewood Community	WUG	$1,344	$864	$869	$785	$1,028	$822
Municipal Conservation, Plantation MUD	WUG	$1,273	$801	$871	$783	$907	$800
Municipal Conservation, Point Aquarius MUD	WUG	$931	$716	$767	$695	$809	$721
Municipal Conservation, Porter SUD	WUG	$1,496	$856	$884	$797	$931	$787
Municipal Conservation, Prairie View	WUG	$765	$601	$641	$592	$713	$657
Municipal Conservation, Prairie View A&M University	WUG	$1,693	$964	$1,023	$915	$1,056	$898
Municipal Conservation, Providence WSC	WUG	$917	$668	$729	$676	$813	$720
Municipal Conservation, Quadvest	WUG	$1,716	$905	$947	$865	$935	$802
Municipal Conservation, Quail Valley UD	WUG	$2,697	$914	$923	$924	$985	$794
Municipal Conservation, Ranch Crest Water	WUG	$864	$696	$685	$648	$760	$722
Municipal Conservation, Rayford Road MUD	WUG	$962	$661	$696	$632	$777	$713

Project Name	Proj. Level	Unit Cost ($/ac ft)					
		2030	2040	2050	2060	2070	2080
Municipal Conservation, Raywood WSC	WUG	$1,257	$812	$946	$795	$975	$849
Municipal Conservation, Richmond	WUG	$1,549	$744	$766	$701	$830	$739
Municipal Conservation, Richwood	WUG	$1,452	$927	$1,007	$886	$1,017	$863
Municipal Conservation, River Plantation MUD	WUG	$774	$610	$650	$622	$711	$640
Municipal Conservation, Riverside SUD	WUG	$1,426	$898	$952	$870	$1,005	$883
Municipal Conservation, Rolling Fork PUD	WUG	$869	$647	$659	$608	$752	$691
Municipal Conservation, Roman Forest Consolidated MUD	WUG	$1,063	$849	$875	$790	$905	$776
Municipal Conservation, Rosenberg	WUG	$1,523	$880	$916	$811	$955	$805
Municipal Conservation, Royal Valley Utilities	WUG	$495	$416	$461	$456	$542	$498
Municipal Conservation, Sagemeadow UD	WUG	$1,060	$750	$807	$733	$874	$764
Municipal Conservation, San Jacinto SUD	WUG	$1,437	$903	$927	$845	$986	$829
Municipal Conservation, San Leon MUD	WUG	$1,232	$830	$876	$796	$928	$811
Municipal Conservation, Seabrook	WUG	$5,237	$1,208	$1,218	$1,089	$1,149	$779
Municipal Conservation, Sealy	WUG	$930	$620	$617	$544	$704	$675
Municipal Conservation, Sedona Lakes MUD 1	WUG	$895	$675	$760	$679	$810	$711
Municipal Conservation, Sequoia Improvement District	WUG	$1,156	$680	$792	$704	$870	$774
Municipal Conservation, Shenandoah	WUG	$676	$484	$459	$375	$511	$519
Municipal Conservation, Shepherd	WUG	$1,143	$758	$813	$727	$882	$775
Municipal Conservation, Shoreacres	WUG	$824	$609	$668	$644	$763	$686
Municipal Conservation, Sienna Plantation	WUG	$2,144	$817	$880	$819	$901	$740
Municipal Conservation, Soda WSC	WUG	$1,329	$873	$913	$807	$948	$838
Municipal Conservation, South Cleveland WSC	WUG	$1,063	$1,092	$974	$859	$993	$838
Municipal Conservation, South Houston	WUG	$1,410	$703	$682	$610	$809	$723
Municipal Conservation, Southeast WSC	WUG	$1,415	$888	$929	$861	$985	$856
Municipal Conservation, Southern Montgomery County MUD	WUG	$1,318	$1,236	$964	$776	$973	$832
Municipal Conservation, Southern Water	WUG	$1,126	$733	$805	$740	$858	$760
Municipal Conservation, Southside Place	WUG	$1,108	$705	$740	$667	$804	$740
Municipal Conservation, Southwest Harris County MUD 1	WUG	$1,260	$843	$879	$818	$933	$874

Project Name	Proj. Level	Unit Cost ($/ac ft)					
		2030	2040	2050	2060	2070	2080
Municipal Conservation, Splendora	WUG	$1,692	$946	$1,002	$923	$1,047	$811
Municipal Conservation, Spring Creek UD	WUG	$1,593	$829	$884	$815	$949	$799
Municipal Conservation, Spring Meadows MUD	WUG	$1,352	$889	$896	$803	$950	$823
Municipal Conservation, Spring Valley	WUG	$897	$634	$669	$616	$754	$685
Municipal Conservation, Stanley Lake MUD	WUG	$822	$588	$607	$568	$698	$648
Municipal Conservation, Suburban Utility	WUG	$1,046	$738	$862	$750	$863	$754
Municipal Conservation, Sugar Land	WUG	$1,870	$757	$823	$729	$859	$731
Municipal Conservation, Sunbelt FWSD	WUG	$1,575	$820	$871	$797	$923	$780
Municipal Conservation, Surfside Beach	WUG	$1,739	$834	$798	$678	$881	$869
Municipal Conservation, Sweeny	WUG	$1,114	$718	$738	$668	$825	$752
Municipal Conservation, T & W Water Service	WUG	$1,446	$1,815	$1,205	$1,055	$1,110	$895
Municipal Conservation, Tarkington SUD	WUG	$1,097	$729	$791	$735	$876	$771
Municipal Conservation, TDCJ Darrington Unit	WUG	$414	$354	$407	$385	$477	$434
Municipal Conservation, TDCJ Ferguson Unit	WUG	$390	$341	$386	$374	$443	$421
Municipal Conservation, TDCJ Jester Units	WUG	$536	$457	$504	$492	$585	$532
Municipal Conservation, TDCJ Ramsey Area	WUG	$526	$438	$489	$472	$562	$517
Municipal Conservation, Tempe WSC 1	WUG	$1,379	$886	$946	$853	$969	$844
Municipal Conservation, Texas City	WUG	$1,303	$740	$789	$728	$863	$736
Municipal Conservation, The Commons Water Supply	WUG	$843	$623	$665	$629	$758	$679
Municipal Conservation, The Woodlands	WUG	$6,511	$975	$958	$776	$1,096	$976
Municipal Conservation, Thunderbird UD	WUG	$1,022	$680	$730	$647	$797	$736
Municipal Conservation, Tomball	WUG	$1,619	$647	$665	$515	$718	$675
Municipal Conservation, Trail of the Lakes MUD	WUG	$1,405	$780	$849	$786	$913	$762
Municipal Conservation, Trinity	WUG	$1,325	$835	$873	$818	$934	$798
Municipal Conservation, Trinity Bay Conservation District	WUG	$1,733	$962	$970	$1,729	$1,135	$935
Municipal Conservation, Trinity Rural WSC	WUG	$1,165	$751	$824	$768	$874	$770
Municipal Conservation, Valley Ranch MUD 1	WUG	$1,280	$875	$920	$841	$979	$846
Municipal Conservation, Varner Creek UD	WUG	$1,174	$738	$791	$719	$854	$762

Project Name	Proj. Level	Unit Cost ($/ac ft)					
		2030	2040	2050	2060	2070	2080
Municipal Conservation, Walker County SUD	WUG	$1,059	$1,006	$900	$824	$953	$802
Municipal Conservation, Waller	WUG	$1,219	$802	$812	$739	$881	$807
Municipal Conservation, Wallis	WUG	$1,442	$827	$968	$813	$939	$826
Municipal Conservation, Waterwood MUD 1	WUG	$1,240	$795	$900	$794	$962	$836
Municipal Conservation, Webster	WUG	$8,137	$1,162	$977	$802	$743	$712
Municipal Conservation, West Columbia	WUG	$1,525	$902	$968	$882	$1,023	$858
Municipal Conservation, West End WSC	WUG	$1,241	$854	$859	$771	$974	$795
Municipal Conservation, West Harris County MUD 6	WUG	$883	$750	$770	$718	$866	$767
Municipal Conservation, West Harris County Regional Water Authority	WUG	$1,749	$856	$892	$817	$908	$803
Municipal Conservation, West University Place	WUG	$1,666	$766	$807	$770	$840	$729
Municipal Conservation, Westfield Garden Park	WUG	$732	$573	$669	$689	$683	$683
Municipal Conservation, Westwood North WSC	WUG	$858	$607	$668	$593	$723	$696
Municipal Conservation, Westwood Shores MUD	WUG	$1,679	$902	$882	$855	$1,017	$872
Municipal Conservation, White Oak WSC	WUG	$1,453	$906	$969	$866	$980	$864
Municipal Conservation, Willis	WUG	$1,285	$686	$783	$779	$923	$800
Municipal Conservation, Willow Creek Farms MUD	WUG	$710	$541	$602	$547	$663	$608
Municipal Conservation, Windfern Forest Utility District	WUG	$931	$709	$775	$709	$813	$736
Municipal Conservation, Wood Branch Village	WUG	$1,260	$833	$933	$854	$949	$799
Municipal Conservation, Wood Trace MUD 1	WUG	$1,578	$666	$805	$876	$981	$857
Municipal Conservation, Woodcreek MUD	WUG	$793	$571	$631	$581	$698	$644
Municipal Conservation, Woodland Oaks Utility	WUG	$1,250	$863	$940	$833	$951	$827
Municipal Conservation, Woodridge MUD	WUG	$1,345	$874	$919	$813	$959	$845
Municipal Drought Management, Alvin	WUG	$46	$43	$46	$46	$44	$43
Municipal Drought Management, Brazoria County MUD 21	WUG	$28	$18	$18	$18	$18	$18
Municipal Drought Management, Brazoria County MUD 25	WUG	$19	$19	$19	$18	$18	$18
Municipal Drought Management, Brazoria County MUD 29	WUG	$53	$49	$49	$49	$48	$47
Municipal Drought Management, Brazoria County MUD 31	WUG	$41	$41	$28	$28	$0	$0
Municipal Drought Management, Conroe	WUG	$21	$20	$19	$18	$18	$17

Project Name	Proj. Level	Unit Cost ($/ac ft)					
		2030	2040	2050	2060	2070	2080
Municipal Drought Management, Cut & Shoot	WUG	$23	$21	$22	$21	$20	$18
Municipal Drought Management, Fort Bend County MUD 115	WUG	$0	$0	$76	$74	$72	$70
Municipal Drought Management, Fort Bend County MUD 116	WUG	$0	$36	$36	$36	$35	$35
Municipal Drought Management, Fort Bend County MUD 155	WUG	$0	$21	$23	$20	$18	$18
Municipal Drought Management, Fort Bend County MUD 158	WUG	$0	$36	$31	$29	$39	$38
Municipal Drought Management, Fort Bend County MUD 162	WUG	$0	$0	$0	$17	$13	$12
Municipal Drought Management, Fort Bend County MUD 25	WUG	$22	$19	$19	$16	$16	$14
Municipal Drought Management, Fort Bend County MUD 42	WUG	$0	$0	$0	$24	$23	$23
Municipal Drought Management, Fort Bend County MUD 49	WUG	$67	$0	$0	$0	$57	$0
Municipal Drought Management, Fort Bend County WCID 2	WUG	$26	$23	$22	$20	$20	$20
Municipal Drought Management, Grand Oaks MUD	WUG	$0	$68	$67	$66	$64	$63
Municipal Drought Management, Harris County FWSD 27	WUG	$46	$52	$49	$48	$52	$54
Municipal Drought Management, Harris County MUD 153	WUG	$0	$3	$3	$3	$2	$2
Municipal Drought Management, Harris County MUD 345	WUG	$0	$58	$57	$57	$55	$55
Municipal Drought Management, Harris County MUD 50	WUG	$38	$25	$24	$24	$23	$22
Municipal Drought Management, Harris County MUD 58	WUG	$0	$52	$26	$26	$26	$26
Municipal Drought Management, Harris County MUD 6	WUG	$0	$37	$37	$37	$38	$25
Municipal Drought Management, Harris County WCID 1	WUG	$45	$42	$40	$36	$37	$34
Municipal Drought Management, Harris County WCID 74	WUG	$0	$71	$75	$75	$69	$69
Municipal Drought Management, Katy	WUG	$7	$6	$6	$6	$6	$6
Municipal Drought Management, Lake Jackson	WUG	$6	$0	$0	$0	$0	$0
Municipal Drought Management, Magnolia	WUG	$15	$37	$37	$38	$37	$36
Municipal Drought Management, Mason Creek UD	WUG	$0	$4	$4	$4	$4	$4
Municipal Drought Management, Montgomery County MUD 119	WUG	$18	$34	$32	$31	$32	$31
Municipal Drought Management, Montgomery County MUD 18	WUG	$0	$105	$101	$98	$95	$98
Municipal Drought Management, Montgomery County MUD 24	WUG	$18	$0	$0	$0	$0	$0
Municipal Drought Management, Montgomery County MUD 83	WUG	$0	$12	$12	$12	$11	$11
Municipal Drought Management, Montgomery County MUD 88	WUG	$34	$34	$34	$34	$33	$31

Project Name	Proj. Level	Unit Cost ($/ac ft)					
		2030	2040	2050	2060	2070	2080
Municipal Drought Management, Montgomery County MUD 89	WUG	$23	$27	$26	$30	$29	$27
Municipal Drought Management, MSEC Enterprises	WUG	$40	$38	$38	$37	$35	$35
Municipal Drought Management, New Caney MUD	WUG	$0	$37	$35	$34	$33	$31
Municipal Drought Management, North Belt UD	WUG	$0	$15	$13	$12	$12	$12
Municipal Drought Management, North Channel Water Authority	WUG	$43	$38	$37	$35	$33	$0
Municipal Drought Management, North Fort Bend Water Authority	WUG	$76	$70	$68	$65	$64	$62
Municipal Drought Management, Oak Ridge North	WUG	$0	$361	$339	$318	$304	$287
Municipal Drought Management, Richwood	WUG	$17	$18	$18	$0	$0	$0
Municipal Drought Management, Roman Forest Consolidated MUD	WUG	$0	$72	$71	$66	$70	$59
Municipal Drought Management, Rosenberg	WUG	$10	$9	$8	$7	$6	$5
Municipal Drought Management, TDCJ Ramsey Area	WUG	$206	$206	$206	$206	$206	$206
Municipal Drought Management, The Woodlands	WUG	$5	$87	$85	$83	$84	$83
Municipal Drought Management, Valley Ranch MUD 1	WUG	$82	$0	$0	$0	$0	$0
Municipal Drought Management, West Harris County Regional Water Authority	WUG	$33	$30	$30	$29	$29	$28
Municipal Drought Management, Woodridge MUD	WUG	$22	$0	$0	$0	$0	$0
Municipal Irrigation Reuse Development, Brazoria County	WUG	$3,172	$2,497	$1,922	$1,681	$1,528	$1,458
Municipal Irrigation Reuse Development, Chambers County	WUG	$3,172	$2,497	$1,922	$1,681	$1,528	$1,458
Municipal Irrigation Reuse Development, CHCRWA	WUG	$8,742	$6,928	$5,612	$5,281	$4,948	$4,904
Municipal Irrigation Reuse Development, Fort Bend County	WUG	$4,443	$2,991	$2,073	$1,718	$1,490	$1,371
Municipal Irrigation Reuse Development, Harris County	WUG	$6,693	$4,550	$3,477	$2,996	$2,915	$2,914
Municipal Irrigation Reuse Development, Liberty County	WUG	$3,172	$2,497	$1,922	$1,681	$1,528	$1,458
Municipal Irrigation Reuse Development, Montgomery County	WUG	$3,172	$2,497	$1,922	$1,681	$1,528	$1,458
Municipal Irrigation Reuse Development, NFBWA	WUG	$2,625	$1,858	$1,650	$1,576	$1,650	$1,754
Municipal Irrigation Reuse Development, NHCRWA	WUG	$584	$457	$369	$327	$315	$310
Municipal Irrigation Reuse Development, Waller County	WUG	$3,172	$2,497	$1,922	$1,681	$1,528	$1,458
Municipal Irrigation Reuse Development, WHCRWA	WUG	$1,037	$858	$879	$983	$964	$968
Water Loss Reduction, Alvin	WUG	$761	$759	$745	$733	$730	$726
Water Loss Reduction, Ames Minglewood WSC	WUG	$761	$759	$745	$733	$730	$726

Project Name	Proj. Level	Unit Cost ($/ac ft)					
		2030	2040	2050	2060	2070	2080
Water Loss Reduction, Anahuac	WUG	$761	$759	$745	$733	$730	$726
Water Loss Reduction, Angleton	WUG	$761	$759	$745	$733	$730	$726
Water Loss Reduction, Austin County WSC	WUG	$761	$759	$745	$733	$730	$726
Water Loss Reduction, Baytown	WUG	$761	$759	$745	$733	$730	$726
Water Loss Reduction, Blaketree MUD 1 of Montgomery County	WUG	$0	$759	$745	$733	$730	$726
Water Loss Reduction, Bolivar Peninsula SUD	WUG	$761	$759	$745	$733	$730	$726
Water Loss Reduction, Brazoria County FWSD 1	WUG	$761	$759	$745	$733	$730	$726
Water Loss Reduction, Brazoria County MUD 2	WUG	$761	$759	$745	$733	$730	$726
Water Loss Reduction, Brazoria County MUD 21	WUG	$761	$759	$745	$733	$730	$726
Water Loss Reduction, Brazoria County MUD 22	WUG	$761	$759	$745	$733	$730	$726
Water Loss Reduction, Brazoria County MUD 31	WUG	$761	$759	$745	$733	$730	$726
Water Loss Reduction, Brookshire MWD	WUG	$761	$759	$745	$733	$730	$726
Water Loss Reduction, Buffalo	WUG	$761	$759	$745	$733	$730	$726
Water Loss Reduction, Centerville	WUG	$761	$759	$745	$733	$730	$726
Water Loss Reduction, Cleveland	WUG	$761	$759	$745	$733	$730	$726
Water Loss Reduction, Conroe Resort Utilities	WUG	$761	$759	$745	$733	$730	$726
Water Loss Reduction, County-Other, Brazoria	WUG	$761	$759	$745	$733	$730	$726
Water Loss Reduction, County-Other, Chambers	WUG	$761	$759	$745	$733	$730	$726
Water Loss Reduction, County-Other, Fort Bend	WUG	$761	$759	$745	$733	$730	$726
Water Loss Reduction, County-Other, Galveston	WUG	$761	$759	$745	$733	$730	$726
Water Loss Reduction, County-Other, Leon	WUG	$761	$759	$745	$733	$730	$726
Water Loss Reduction, County-Other, Liberty	WUG	$761	$759	$745	$733	$730	$726
Water Loss Reduction, County-Other, Madison	WUG	$761	$759	$745	$733	$730	$726
Water Loss Reduction, County-Other, Montgomery	WUG	$761	$759	$745	$733	$730	$726
Water Loss Reduction, County-Other, Polk	WUG	$761	$759	$745	$733	$730	$726
Water Loss Reduction, County-Other, San Jacinto	WUG	$761	$759	$745	$733	$730	$726
Water Loss Reduction, County-Other, Walker	WUG	$761	$759	$745	$733	$730	$726
Water Loss Reduction, County-Other, Waller	WUG	$761	$759	$745	$733	$730	$726

Project Name	Proj. Level	Unit Cost ($/ac ft)					
		2030	2040	2050	2060	2070	2080
Water Loss Reduction, Crosby MUD	WUG	$761	$759	$745	$733	$730	$726
Water Loss Reduction, Daisetta	WUG	$761	$759	$745	$733	$730	$726
Water Loss Reduction, Dayton	WUG	$761	$759	$745	$733	$730	$726
Water Loss Reduction, Deer Park	WUG	$761	$759	$745	$733	$730	$726
Water Loss Reduction, Fort Bend County FWSD 1	WUG	$761	$759	$745	$733	$730	$726
Water Loss Reduction, Fort Bend County MUD 116	WUG	$761	$759	$745	$733	$730	$726
Water Loss Reduction, Fort Bend County MUD 25	WUG	$761	$759	$745	$733	$730	$726
Water Loss Reduction, Fort Bend County WCID 2	WUG	$761	$759	$745	$733	$730	$726
Water Loss Reduction, Freeport	WUG	$761	$759	$745	$733	$730	$726
Water Loss Reduction, Friendswood	WUG	$761	$759	$745	$733	$730	$726
Water Loss Reduction, Galena Park	WUG	$761	$759	$745	$733	$730	$726
Water Loss Reduction, Galveston	WUG	$761	$759	$745	$733	$730	$726
Water Loss Reduction, Galveston County WCID 1	WUG	$761	$759	$745	$733	$730	$726
Water Loss Reduction, Galveston County WCID 12	WUG	$761	$759	$745	$733	$730	$726
Water Loss Reduction, Galveston County WCID 8	WUG	$761	$759	$745	$733	$730	$726
Water Loss Reduction, Groveton	WUG	$761	$759	$745	$733	$730	$726
Water Loss Reduction, Hardin WSC	WUG	$0	$759	$745	$733	$730	$726
Water Loss Reduction, Harris County FWSD 1-A	WUG	$761	$759	$745	$733	$730	$726
Water Loss Reduction, Harris County MUD 132	WUG	$761	$759	$745	$733	$730	$726
Water Loss Reduction, Harris County MUD 154	WUG	$761	$759	$745	$733	$730	$726
Water Loss Reduction, Harris County MUD 189	WUG	$761	$759	$745	$733	$730	$726
Water Loss Reduction, Harris County MUD 221	WUG	$761	$759	$745	$733	$730	$726
Water Loss Reduction, Harris County MUD 23	WUG	$761	$759	$745	$733	$730	$726
Water Loss Reduction, Harris County MUD 345	WUG	$761	$759	$745	$733	$730	$726
Water Loss Reduction, Harris County MUD 5	WUG	$761	$759	$745	$733	$730	$726
Water Loss Reduction, Harris County MUD 50	WUG	$761	$759	$745	$733	$730	$726
Water Loss Reduction, Harris County MUD 55	WUG	$761	$759	$745	$733	$730	$726
Water Loss Reduction, Harris County MUD 58	WUG	$761	$759	$745	$733	$730	$726

Project Name	Proj. Level	Unit Cost ($/ac ft)					
		2030	2040	2050	2060	2070	2080
Water Loss Reduction, Harris County MUD 6	WUG	$761	$759	$745	$733	$730	$726
Water Loss Reduction, Harris County UD 14	WUG	$761	$759	$745	$733	$730	$726
Water Loss Reduction, Harris County UD 15	WUG	$761	$759	$745	$733	$730	$726
Water Loss Reduction, Harris County WCID 1	WUG	$761	$759	$745	$733	$730	$726
Water Loss Reduction, Harris County WCID 70	WUG	$761	$759	$745	$733	$730	$726
Water Loss Reduction, Harris County WCID 89	WUG	$761	$759	$745	$733	$730	$726
Water Loss Reduction, Harris County WCID-Fondren Road	WUG	$761	$759	$745	$733	$730	$726
Water Loss Reduction, Harris-Montgomery Counties MUD 386	WUG	$761	$759	$745	$733	$730	$726
Water Loss Reduction, Hillcrest Village	WUG	$761	$759	$745	$733	$730	$726
Water Loss Reduction, Hitchcock	WUG	$761	$759	$745	$733	$730	$726
Water Loss Reduction, Houston	WUG	$761	$759	$745	$733	$730	$726
Water Loss Reduction, Humble	WUG	$761	$759	$745	$733	$730	$726
Water Loss Reduction, Jacinto City	WUG	$761	$759	$745	$733	$730	$726
Water Loss Reduction, La Marque	WUG	$761	$759	$745	$733	$730	$726
Water Loss Reduction, Lake Conroe Hills MUD	WUG	$761	$759	$745	$733	$730	$726
Water Loss Reduction, Lake Jackson	WUG	$761	$759	$745	$733	$730	$726
Water Loss Reduction, Lake Livingston WSC	WUG	$761	$759	$745	$733	$730	$726
Water Loss Reduction, Liberty	WUG	$761	$759	$745	$733	$730	$726
Water Loss Reduction, Livingston	WUG	$761	$759	$745	$733	$730	$726
Water Loss Reduction, Luce Bayou PUD	WUG	$761	$759	$745	$733	$730	$726
Water Loss Reduction, Madisonville	WUG	$761	$759	$745	$733	$730	$726
Water Loss Reduction, Mercy WSC	WUG	$761	$759	$745	$733	$730	$726
Water Loss Reduction, Mont Belvieu	WUG	$761	$759	$745	$733	$730	$726
Water Loss Reduction, Montgomery	WUG	$761	$759	$745	$733	$730	$726
Water Loss Reduction, Montgomery County MUD 18	WUG	$761	$759	$745	$733	$730	$726
Water Loss Reduction, Montgomery County MUD 8	WUG	$761	$759	$745	$733	$730	$726
Water Loss Reduction, Montgomery County MUD 83	WUG	$761	$759	$745	$733	$730	$726
Water Loss Reduction, Montgomery County MUD 9	WUG	$761	$759	$745	$733	$730	$726

Project Name	Proj. Level	Unit Cost ($/ac ft)					
		2030	2040	2050	2060	2070	2080
Water Loss Reduction, Montgomery County MUD 99	WUG	$761	$759	$745	$733	$730	$726
Water Loss Reduction, Montgomery County UD 3	WUG	$761	$759	$745	$733	$730	$726
Water Loss Reduction, Montgomery County UD 4	WUG	$761	$759	$745	$733	$730	$726
Water Loss Reduction, Nassau Bay	WUG	$761	$759	$745	$733	$730	$726
Water Loss Reduction, New Caney MUD	WUG	$761	$759	$745	$733	$730	$726
Water Loss Reduction, North Channel Water Authority	WUG	$761	$759	$745	$733	$730	$726
Water Loss Reduction, North Fort Bend Water Authority	WUG	$761	$759	$745	$733	$730	$726
Water Loss Reduction, North Zulch MUD	WUG	$761	$759	$745	$733	$730	$726
Water Loss Reduction, Northeast Harris County MUD 1	WUG	$761	$759	$745	$733	$730	$726
Water Loss Reduction, Oak Ridge North	WUG	$761	$759	$745	$733	$730	$726
Water Loss Reduction, One Five O WSC	WUG	$761	$759	$745	$733	$730	$726
Water Loss Reduction, Oyster Creek	WUG	$761	$759	$745	$733	$730	$726
Water Loss Reduction, Palmer Plantation MUD 1	WUG	$761	$759	$745	$733	$730	$726
Water Loss Reduction, Palmer Plantation MUD 2	WUG	$761	$759	$745	$733	$730	$726
Water Loss Reduction, Panorama Village	WUG	$761	$759	$745	$733	$730	$726
Water Loss Reduction, Pattison WSC	WUG	$761	$759	$745	$733	$730	$726
Water Loss Reduction, Pearland	WUG	$761	$759	$745	$733	$730	$726
Water Loss Reduction, Pecan Grove MUD 1	WUG	$761	$759	$745	$733	$730	$726
Water Loss Reduction, Pinehurst Decker Prairie WSC	WUG	$761	$759	$745	$733	$730	$726
Water Loss Reduction, Plantation MUD	WUG	$761	$759	$745	$733	$730	$726
Water Loss Reduction, Quail Valley UD	WUG	$761	$759	$745	$733	$730	$726
Water Loss Reduction, Raywood WSC	WUG	$761	$759	$745	$733	$730	$726
Water Loss Reduction, Riverside SUD	WUG	$761	$759	$745	$733	$730	$726
Water Loss Reduction, Roman Forest Consolidated MUD	WUG	$761	$759	$745	$733	$730	$726
Water Loss Reduction, Rosenberg	WUG	$761	$759	$745	$733	$730	$726
Water Loss Reduction, Sequoia Improvement District	WUG	$761	$759	$745	$733	$730	$726
Water Loss Reduction, Shenandoah	WUG	$761	$759	$745	$733	$730	$726
Water Loss Reduction, Shoreacres	WUG	$761	$759	$745	$733	$730	$726

Project Name	Proj. Level	Unit Cost ($/ac ft)					
		2030	2040	2050	2060	2070	2080
Water Loss Reduction, Soda WSC	WUG	$761	$759	$745	$733	$730	$726
Water Loss Reduction, South Cleveland WSC	WUG	$761	$759	$745	$733	$730	$726
Water Loss Reduction, Southern Water	WUG	$761	$759	$745	$733	$730	$726
Water Loss Reduction, Southside Place	WUG	$761	$759	$745	$733	$730	$726
Water Loss Reduction, Splendora	WUG	$761	$759	$745	$733	$730	$726
Water Loss Reduction, Spring Valley	WUG	$761	$759	$745	$733	$730	$726
Water Loss Reduction, Suburban Utility	WUG	$761	$759	$745	$733	$730	$726
Water Loss Reduction, Sunbelt FWSD	WUG	$761	$759	$745	$733	$730	$726
Water Loss Reduction, Tarkington SUD	WUG	$761	$759	$745	$733	$730	$726
Water Loss Reduction, Texas City	WUG	$761	$759	$745	$733	$730	$726
Water Loss Reduction, The Commons Water Supply	WUG	$761	$759	$745	$733	$730	$726
Water Loss Reduction, The Woodlands	WUG	$761	$759	$745	$733	$730	$726
Water Loss Reduction, Tomball	WUG	$761	$759	$745	$733	$730	$726
Water Loss Reduction, Trinity Bay Conservation District	WUG	$761	$759	$745	$733	$730	$726
Water Loss Reduction, Webster	WUG	$761	$759	$745	$733	$730	$726
Water Loss Reduction, West Columbia	WUG	$761	$759	$745	$733	$730	$726
Water Loss Reduction, West End WSC	WUG	$761	$759	$745	$733	$730	$726
Water Loss Reduction, West University Place	WUG	$761	$759	$745	$733	$730	$726
Water Loss Reduction, Westwood Shores MUD	WUG	$761	$759	$745	$733	$730	$726
Water Loss Reduction, Willis	WUG	$761	$759	$745	$733	$730	$726
Water Loss Reduction, Willow Creek Farms MUD	WUG	$761	$759	$745	$733	$730	$726
WUG Infrastructure Expansion - Angleton	WUG	$334	$399	$68	$76	$87	$92
WUG Infrastructure Expansion - Brazoria County MUD 25	WUG	$16,886	$16,886	$757	$757	$757	$757
WUG Infrastructure Expansion - Brazoria County MUD 29	WUG	$5,719	$5,719	$281	$281	$281	$281
WUG Infrastructure Expansion - Brazoria County MUD 39	WUG	$1,810	$1,810	$107	$107	$107	$107
WUG Infrastructure Expansion - CHCRWA Districts	WUG	$261	$261	$37	$37	$37	$37
WUG Infrastructure Expansion - Conroe - Phase 1	WUG	$597	$328	$28	$16	$14	$13
WUG Infrastructure Expansion - Conroe - Phase 2	WUG	$0	$0	$278	$158	$23	$21

Project Name	Proj. Level	Unit Cost ($/ac ft)					
		2030	2040	2050	2060	2070	2080
WUG Infrastructure Expansion - Conroe - Phase 3	WUG	$0	$0	$0	$0	$89	$81
WUG Infrastructure Expansion - Conroe Resort Utilities	WUG	$0	$0	$8,410	$6,974	$319	$305
WUG Infrastructure Expansion - County-Other, Brazoria (B) - Phase 1	WUG	$2,455	$2,455	$141	$141	$141	$141
WUG Infrastructure Expansion - County-Other, Brazoria (B) - Phase 2	WUG	$0	$0	$3,367	$3,367	$386	$386
WUG Infrastructure Expansion - County-Other, Brazoria (BC)	WUG	$26,785	$36,829	$435	$245	$162	$155
WUG Infrastructure Expansion - County-Other, Brazoria (SJB)	WUG	$303	$262	$13	$13	$13	$13
WUG Infrastructure Expansion - County-Other, Fort Bend (SJ)	WUG	$105,538	$32,473	$823	$676	$621	$557
WUG Infrastructure Expansion - County-Other, Fort Bend (SJB) - Phase 1	WUG	$6,893	$1,491	$59	$44	$42	$34
WUG Infrastructure Expansion - County-Other, Fort Bend (SJB) - Phase 2	WUG	$0	$0	$969	$717	$47	$38
WUG Infrastructure Expansion - County-Other, Fort Bend (SJB) - Phase 3	WUG	$0	$0	$0	$0	$643	$524
WUG Infrastructure Expansion - County-Other, Fort Bend County (Richmond GRP Participants) - Phase 1	WUG	$1,383	$851	$48	$35	$28	$28
WUG Infrastructure Expansion - County-Other, Fort Bend County (Richmond GRP Participants) - Phase 2	WUG	$0	$0	$662	$484	$33	$33
WUG Infrastructure Expansion - County-Other, Galveston (SJB)	WUG	$465	$454	$51	$51	$51	$52
WUG Infrastructure Expansion - County-Other, Harris (COH GRP Participants)	WUG	$0	$1,157	$1,152	$85	$85	$85
WUG Infrastructure Expansion - County-Other, Harris (SJ)	WUG	$3,135	$256	$36	$35	$34	$34
WUG Infrastructure Expansion - County-Other, Harris (SJB)	WUG	$2,120	$1,765	$109	$103	$101	$100
WUG Infrastructure Expansion - County-Other, Harris (TSJ)	WUG	$345	$444	$43	$46	$46	$45
WUG Infrastructure Expansion - County-Other, Montgomery (SJ) - Phase 1	WUG	$0	$0	$726	$421	$12	$24
WUG Infrastructure Expansion - County-Other, Montgomery (SJ) - Phase 2	WUG	$0	$0	$0	$686	$219	$74
WUG Infrastructure Expansion - County-Other, Montgomery (SJ) - Phase 3	WUG	$0	$0	$0	$0	$0	$100
WUG Infrastructure Expansion - El Dorado UD	WUG	$0	$2,703	$2,504	$142	$141	$141
WUG Infrastructure Expansion - Forest Hills MUD	WUG	$0	$5,295	$5,328	$265	$175	$266
WUG Infrastructure Expansion - Fort Bend County MUD 115	WUG	$0	$140,717	$14,557	$519	$390	$335
WUG Infrastructure Expansion - Fort Bend County MUD 121	WUG	$3,172	$3,082	$164	$164	$164	$164
WUG Infrastructure Expansion - Fort Bend County MUD 128	WUG	$8,410	$8,665	$393	$457	$348	$268
WUG Infrastructure Expansion - Fort Bend County MUD 129	WUG	$0	$40,205	$27,236	$773	$526	$310
WUG Infrastructure Expansion - Fort Bend County MUD 149	WUG	$0	$281,434	$22,819	$860	$757	$505

Project Name	Proj. Level	Unit Cost ($/ac ft)					
		2030	2040	2050	2060	2070	2080
WUG Infrastructure Expansion - Fort Bend County MUD 152	WUG	$0	$0	$844,301	$40,205	$946	$923
WUG Infrastructure Expansion - Fort Bend County MUD 155	WUG	$0	$10,912	$4,911	$197	$156	$139
WUG Infrastructure Expansion - Fort Bend County MUD 158	WUG	$0	$25,996	$10,998	$372	$292	$260
WUG Infrastructure Expansion - Fort Bend County MUD 48	WUG	$0	$168,860	$93,811	$1,147	$823	$728
WUG Infrastructure Expansion - Fort Bend County MUD 49	WUG	$64,946	$60,307	$2,704	$2,524	$1,456	$1,402
WUG Infrastructure Expansion - Fulshear	WUG	$0	$854	$893	$74	$71	$72
WUG Infrastructure Expansion - Harris County FWSD 27	WUG	$23,829	$10,213	$409	$372	$251	$281
WUG Infrastructure Expansion - Harris County MUD 106	WUG	$0	$1,509	$1,458	$98	$95	$93
WUG Infrastructure Expansion - Harris County MUD 11	WUG	$0	$3,698	$3,714	$185	$187	$189
WUG Infrastructure Expansion - Harris County MUD 119	WUG	$0	$1,503	$1,510	$95	$96	$97
WUG Infrastructure Expansion - Harris County MUD 132	WUG	$0	$563	$545	$51	$50	$49
WUG Infrastructure Expansion - Harris County MUD 151	WUG	$0	$903	$885	$73	$70	$70
WUG Infrastructure Expansion - Harris County MUD 152	WUG	$0	$962	$930	$71	$68	$68
WUG Infrastructure Expansion - Harris County MUD 154	WUG	$0	$1,028	$1,024	$77	$75	$76
WUG Infrastructure Expansion - Harris County MUD 189	WUG	$0	$2,042	$2,020	$118	$115	$110
WUG Infrastructure Expansion - Harris County MUD 221	WUG	$0	$2,243	$2,221	$128	$126	$126
WUG Infrastructure Expansion - Harris County MUD 261	WUG	$5,365	$3,880	$200	$199	$201	$200
WUG Infrastructure Expansion - Harris County MUD 278	WUG	$0	$1,628	$1,628	$102	$102	$102
WUG Infrastructure Expansion - Harris County MUD 290	WUG	$0	$863	$815	$67	$65	$64
WUG Infrastructure Expansion - Harris County MUD 36	WUG	$0	$1,948	$1,433	$88	$88	$84
WUG Infrastructure Expansion - Harris County MUD 46	WUG	$0	$1,433	$1,429	$98	$98	$98
WUG Infrastructure Expansion - Harris County MUD 6	WUG	$0	$23,453	$24,123	$1,183	$1,352	$1,721
WUG Infrastructure Expansion - Harris County UD 14	WUG	$0	$5,199	$5,168	$254	$254	$251
WUG Infrastructure Expansion - Harris County UD 15	WUG	$0	$2,261	$2,308	$135	$132	$130
WUG Infrastructure Expansion - Harris County WCID 1	WUG	$6,438	$5,994	$237	$215	$162	$156
WUG Infrastructure Expansion - Harris County WCID 133	WUG	$0	$1,594	$1,597	$101	$102	$103
WUG Infrastructure Expansion - Harris County WCID 74	WUG	$0	$1,780	$1,733	$109	$111	$112
WUG Infrastructure Expansion - HMW SUD	WUG	$0	$0	$1,080	$914	$71	$70

Project Name	Proj. Level	Unit Cost ($/ac ft)					
		2030	2040	2050	2060	2070	2080
WUG Infrastructure Expansion - Kings Manor MUD	WUG	$38,377	$19,189	$688	$611	$582	$557
WUG Infrastructure Expansion - Lake Bonanza WSC	WUG	$0	$0	$3,536	$2,879	$156	$152
WUG Infrastructure Expansion - Lake Jackson	WUG	$1,637	$1,637	$103	$103	$103	$103
WUG Infrastructure Expansion - Manufacturing, Fort Bend (B)	WUG	$6,332	$6,046	$1,715	$1,644	$1,575	$1,511
WUG Infrastructure Expansion - Manufacturing, Fort Bend (SJ)	WUG	$2,643	$2,590	$848	$832	$815	$800
WUG Infrastructure Expansion - Memorial Villages Water Authority	WUG	$495	$496	$49	$47	$48	$49
WUG Infrastructure Expansion - Mining, Brazoria (SJB)	WUG	$8,035	$6,737	$1,954	$1,706	$1,500	$1,329
WUG Infrastructure Expansion - Mining, Harris (SJ)	WUG	$449	$444	$50	$50	$49	$49
WUG Infrastructure Expansion - Mining, Harris (SJB)	WUG	$105,538	$105,538	$4,732	$4,732	$4,732	$4,732
WUG Infrastructure Expansion - Mont Belvieu	WUG	$0	$0	$0	$0	$0	$602
WUG Infrastructure Expansion - Montgomery County MUD 112	WUG	$0	$0	$1,315	$1,178	$89	$70
WUG Infrastructure Expansion - Montgomery County MUD 119	WUG	$0	$0	$856	$741	$61	$60
WUG Infrastructure Expansion - Montgomery County MUD 19	WUG	$0	$0	$1,638	$1,460	$100	$99
WUG Infrastructure Expansion - Montgomery County MUD 88	WUG	$6,945	$6,945	$113	$101	$98	$96
WUG Infrastructure Expansion - Montgomery County MUD 89	WUG	$5,199	$5,199	$95	$82	$79	$77
WUG Infrastructure Expansion - Montgomery County MUD 95	WUG	$0	$516	$524	$49	$50	$50
WUG Infrastructure Expansion - Montgomery County MUD 98	WUG	$0	$0	$844,301	$120,614	$2,704	$2,103
WUG Infrastructure Expansion - Mount Houston Road MUD	WUG	$0	$1,567	$1,570	$99	$100	$102
WUG Infrastructure Expansion - MSEC Enterprises - Phase 1	WUG	$1,096	$394	$41	$32	$31	$29
WUG Infrastructure Expansion - MSEC Enterprises - Phase 2	WUG	$0	$0	$0	$207	$201	$18
WUG Infrastructure Expansion - NFBWA Districts	WUG	$415	$171	$28	$29	$31	$33
WUG Infrastructure Expansion - NHCRWA Districts 2025	WUG	$198	$95	$16	$17	$18	$18
WUG Infrastructure Expansion - NHCRWA Districts 2035	WUG	$0	$107	$102	$19	$20	$21
WUG Infrastructure Expansion - North Belt UD	WUG	$0	$1,567	$1,358	$88	$88	$87
WUG Infrastructure Expansion - North Channel Water Authority	WUG	$562	$893	$124	$240	$686	$0
WUG Infrastructure Expansion - North Forest MUD	WUG	$0	$5,681	$5,644	$279	$281	$275
WUG Infrastructure Expansion - North Green MUD	WUG	$0	$2,351	$2,272	$129	$127	$126
WUG Infrastructure Expansion - Northeast Harris County MUD 1	WUG	$8,704	$9,705	$467	$505	$533	$557

Project Name	Proj. Level	Unit Cost ($/ac ft)					
		2030	2040	2050	2060	2070	2080
WUG Infrastructure Expansion - Oak Ridge North	WUG	$11,189	$3,250	$183	$134	$143	$152
WUG Infrastructure Expansion - Pine Village PUD	WUG	$0	$5,076	$5,076	$249	$249	$249
WUG Infrastructure Expansion - Rayford Road MUD	WUG	$3,688	$1,262	$92	$75	$72	$69
WUG Infrastructure Expansion - Richwood	WUG	$3,880	$3,880	$205	$205	$205	$205
WUG Infrastructure Expansion - Rolling Fork PUD	WUG	$33,772	$7,746	$324	$315	$326	$332
WUG Infrastructure Expansion - Sedona Lakes MUD 1	WUG	$16,886	$16,886	$757	$757	$757	$757
WUG Infrastructure Expansion - Southern Montgomery County MUD	WUG	$0	$3,946	$4,055	$159	$146	$145
WUG Infrastructure Expansion - Spring Creek UD	WUG	$4,086	$4,086	$81	$71	$70	$70
WUG Infrastructure Expansion - Steam-Electric Power, Harris (SJ)	WUG	$132	$132	$24	$24	$24	$24
WUG Infrastructure Expansion - Steam-Electric Power, Harris (SJB)	WUG	$6,128	$6,128	$301	$301	$301	$301
WUG Infrastructure Expansion - Sunbelt FWSD	WUG	$0	$686	$686	$66	$66	$66
WUG Infrastructure Expansion - T & W Water Service	WUG	$0	$0	$685	$568	$52	$52
WUG Infrastructure Expansion - The Woodlands - Phase 1	WUG	$1,110	$230	$41	$33	$31	$26
WUG Infrastructure Expansion - The Woodlands - Phase 2	WUG	$0	$0	$0	$125	$115	$13
WUG Infrastructure Expansion - Tomball	WUG	$535	$413	$48	$47	$43	$42
WUG Infrastructure Expansion - Trail of the Lakes MUD	WUG	$0	$864	$839	$69	$67	$67
WUG Infrastructure Expansion - Westfield Garden Park	WUG	$16,886	$12,792	$574	$574	$582	$582
WUG Infrastructure Expansion - Westwood North WSC	WUG	$0	$0	$1,720	$1,524	$105	$89
WUG Infrastructure Expansion - WHCRWA Districts	WUG	$711	$206	$34	$36	$38	$41
WUG Infrastructure Expansion - Windfern Forest Utility District	WUG	$1,990	$1,497	$101	$101	$102	$103
WUG Infrastructure Expansion - Woodcreek MUD	WUG	$0	$2,308	$2,314	$134	$134	$135
WUG Infrastructure Expansion - Woodland Oaks Utility	WUG	$0	$0	$2,687	$2,290	$127	$124
WUG Infrastructure Expansion (Brackish Groundwater) - Dobbin-Plantersville WSC - Phase 1	WUG	$18,148	$4,971	$1,001	$689	$508	$411
WUG Infrastructure Expansion (Brackish Groundwater) - Dobbin-Plantersville WSC - Phase 2	WUG	$0	$0	$0	$1,727	$1,273	$411
WUG Infrastructure Expansion (Brackish Groundwater) - Far Hills UD	WUG	$0	$8,517	$3,991	$1,223	$1,229	$1,229
WUG Infrastructure Expansion (Brackish Groundwater) - Montgomery	WUG	$0	$3,342	$3,342	$1,175	$1,175	$1,175
WUG Infrastructure Expansion (Brackish Groundwater) - Panorama Village	WUG	$0	$0	$14,956	$14,956	$3,789	$3,498
WUG Infrastructure Expansion (Brackish Groundwater) - Stanley Lake MUD	WUG	$0	$28,703	$11,923	$2,256	$1,820	$1,514

Project Name	Proj. Level	Unit Cost ($/ac ft)					
		2030	2040	2050	2060	2070	2080
WUG Infrastructure Expansion (Groundwater) - Baker Road MUD	WUG	$0	$15,606	$15,953	$4,134	$3,083	$2,798
WUG Infrastructure Expansion (Groundwater) - Blaketree MUD 1 of Montgomery County	WUG	$358,936	$65,261	$5,196	$4,042	$3,637	$3,368
WUG Infrastructure Expansion (Groundwater) - Blue Bell Manor Utility	WUG	$0	$11,044	$9,834	$2,425	$2,675	$2,842
WUG Infrastructure Expansion (Groundwater) - Blue Ridge West MUD	WUG	$0	$0	$358,936	$21,754	$4,042	$3,191
WUG Infrastructure Expansion (Groundwater) - C C Water Works - Phase 1	WUG	$2,876	$2,876	$1,058	$463	$463	$463
WUG Infrastructure Expansion (Groundwater) - C C Water Works - Phase 2	WUG	$0	$0	$0	$1,429	$1,429	$570
WUG Infrastructure Expansion (Groundwater) - Chateau Woods MUD	WUG	$0	$12,506	$7,211	$1,645	$1,451	$1,320
WUG Infrastructure Expansion (Groundwater) - Corinthian Point MUD 2	WUG	$0	$239,290	$42,228	$6,995	$5,511	$4,547
WUG Infrastructure Expansion (Groundwater) - County-Other, Chambers (T)	WUG	$0	$0	$0	$0	$1,029	$1,029
WUG Infrastructure Expansion (Groundwater) - County-Other, Chambers (TSJ) - Phase 1	WUG	$0	$1,029	$1,029	$468	$468	$373
WUG Infrastructure Expansion (Groundwater) - County-Other, Chambers (TSJ) - Phase 2	WUG	$0	$0	$0	$515	$515	$411
WUG Infrastructure Expansion (Groundwater) - County-Other, Chambers (TSJ) - Phase 3	WUG	$0	$0	$0	$0	$0	$291
WUG Infrastructure Expansion (Groundwater) - County-Other, Fort Bend (BC) - Phase 1	WUG	$0	$800	$353	$249	$191	$161
WUG Infrastructure Expansion (Groundwater) - County-Other, Fort Bend (BC) - Phase 2	WUG	$0	$0	$701	$495	$379	$320
WUG Infrastructure Expansion (Groundwater) - County-Other, Fort Bend (BC) - Phase 3	WUG	$0	$0	$0	$0	$250	$211
WUG Infrastructure Expansion (Groundwater) - County-Other, Fort Bend (SJB) - Phase 1	WUG	$0	$3,122	$1,041	$688	$456	$391
WUG Infrastructure Expansion (Groundwater) - County-Other, Fort Bend (SJB) - Phase 2	WUG	$0	$0	$0	$862	$571	$490
WUG Infrastructure Expansion (Groundwater) - County-Other, Fort Bend (Sugar Land IWRP)	WUG	$2,281	$1,335	$1,335	$1,335	$1,335	$1,335
WUG Infrastructure Expansion (Groundwater) - County-Other, Harris (COH GRP Participants)	WUG	$1,154	$1,050	$994	$949	$946	$926
WUG Infrastructure Expansion (Groundwater) - County-Other, Madison (B)	WUG	$36,832	$36,832	$36,832	$36,832	$36,832	$36,832
WUG Infrastructure Expansion (Groundwater) - County-Other, Montgomery (SJ) - Phase 1	WUG	$0	$830	$406	$288	$460	$658
WUG Infrastructure Expansion (Groundwater) - County-Other, Montgomery (SJ) - Phase 2	WUG	$0	$0	$406	$288	$460	$658
WUG Infrastructure Expansion (Groundwater) - County-Other, Montgomery (SJ) - Phase 3	WUG	$0	$0	$0	$220	$351	$502
WUG Infrastructure Expansion (Groundwater) - County-Other, Walker (T)	WUG	$3,036	$3,036	$3,036	$3,036	$3,036	$3,036
WUG Infrastructure Expansion (Groundwater) - County-Other, Waller (B) - Phase 1	WUG	$1,563	$1,563	$507	$507	$280	$280
WUG Infrastructure Expansion (Groundwater) - County-Other, Waller (B) - Phase 2	WUG	$0	$0	$695	$695	$384	$384
WUG Infrastructure Expansion (Groundwater) - County-Other, Waller (B) - Phase 3	WUG	$0	$0	$0	$0	$423	$423
WUG Infrastructure Expansion (Groundwater) - County-Other, Waller (SJ) - Phase 1	WUG	$1,563	$1,563	$447	$447	$280	$280

Project Name	Proj. Level	Unit Cost ($/ac ft)					
		2030	2040	2050	2060	2070	2080
WUG Infrastructure Expansion (Groundwater) - County-Other, Waller (SJ) - Phase 2	WUG	$0	$0	$674	$674	$423	$423
WUG Infrastructure Expansion (Groundwater) - County-Other, Waller (SJ) - Phase 3	WUG	$0	$0	$0	$0	$384	$384
WUG Infrastructure Expansion (Groundwater) - Cut and Shoot - Phase 1	WUG	$3,344	$2,562	$827	$642	$547	$537
WUG Infrastructure Expansion (Groundwater) - Cut and Shoot - Phase 2	WUG	$0	$0	$0	$1,121	$955	$374
WUG Infrastructure Expansion (Groundwater) - Dodge Oakhurst WSC - Phase 1	WUG	$0	$0	$7,179	$7,179	$560	$560
WUG Infrastructure Expansion (Groundwater) - Dodge Oakhurst WSC - Phase 2	WUG	$0	$0	$0	$0	$2,622	$2,622
WUG Infrastructure Expansion (Groundwater) - Domestic Water	WUG	$0	$44,867	$24,754	$4,436	$3,637	$3,368
WUG Infrastructure Expansion (Groundwater) - Douglas Utility	WUG	$0	$14,357	$13,294	$3,191	$3,498	$3,498
WUG Infrastructure Expansion (Groundwater) - East Montgomery County MUD 6	WUG	$800,399	$18,614	$2,748	$1,811	$1,424	$1,358
WUG Infrastructure Expansion (Groundwater) - East Plantation UD	WUG	$800,399	$22,869	$2,685	$1,657	$1,600	$1,469
WUG Infrastructure Expansion (Groundwater) - First Colony MUD 9	WUG	$0	$100,050	$15,694	$2,595	$1,770	$1,390
WUG Infrastructure Expansion (Groundwater) - Fort Bend County FWSD 1	WUG	$0	$4,555	$3,459	$1,246	$1,183	$1,136
WUG Infrastructure Expansion (Groundwater) - Fort Bend County FWSD 2	WUG	$3,486	$3,403	$1,271	$1,207	$1,144	$1,081
WUG Infrastructure Expansion (Groundwater) - Fort Bend County MUD 116	WUG	$0	$8,113	$8,113	$1,915	$1,779	$1,594
WUG Infrastructure Expansion (Groundwater) - Fort Bend County MUD 131	WUG	$0	$0	$0	$0	$51,277	$37,783
WUG Infrastructure Expansion (Groundwater) - Fort Bend County MUD 162	WUG	$0	$0	$59,823	$25,638	$2,393	$1,875
WUG Infrastructure Expansion (Groundwater) - Fort Bend County MUD 23	WUG	$0	$26,588	$26,588	$5,052	$4,042	$3,498
WUG Infrastructure Expansion (Groundwater) - Fort Bend County MUD 24	WUG	$0	$42,228	$42,228	$10,698	$10,104	$9,572
WUG Infrastructure Expansion (Groundwater) - Fort Bend County MUD 26	WUG	$0	$39,882	$26,588	$3,712	$3,031	$2,562
WUG Infrastructure Expansion (Groundwater) - Fort Bend County MUD 42	WUG	$0	$37,783	$23,157	$4,230	$3,307	$2,636
WUG Infrastructure Expansion (Groundwater) - Fort Bend County MUD 5	WUG	$0	$26,588	$13,052	$2,675	$2,562	$2,491
WUG Infrastructure Expansion (Groundwater) - Fort Bend County WCID 3	WUG	$0	$0	$0	$0	$39,882	$24,754
WUG Infrastructure Expansion (Groundwater) - Grand Oaks MUD	WUG	$0	$26,588	$14,357	$3,083	$2,798	$2,636
WUG Infrastructure Expansion (Groundwater) - Green Trails MUD	WUG	$0	$6,911	$6,976	$1,879	$1,703	$1,620
WUG Infrastructure Expansion (Groundwater) - Harris County FWSD 58	WUG	$0	$13,805	$14,357	$3,712	$3,870	$4,042
WUG Infrastructure Expansion (Groundwater) - Harris County MUD 153	WUG	$0	$4,109	$3,770	$1,341	$1,179	$1,157
WUG Infrastructure Expansion (Groundwater) - Harris County MUD 216	WUG	$0	$7,637	$7,803	$2,044	$1,977	$1,956
WUG Infrastructure Expansion (Groundwater) - Harris County MUD 342	WUG	$0	$7,585	$3,901	$1,128	$1,132	$1,095

Project Name	Proj. Level	Unit Cost ($/ac ft)					
		2030	2040	2050	2060	2070	2080
WUG Infrastructure Expansion (Groundwater) - Harris County MUD 345	WUG	$0	$5,783	$6,352	$2,005	$1,775	$1,987
WUG Infrastructure Expansion (Groundwater) - Harris County MUD 361	WUG	$0	$8,807	$6,982	$1,835	$1,679	$1,705
WUG Infrastructure Expansion (Groundwater) - Harris County MUD 494	WUG	$0	$12,167	$9,446	$2,245	$2,067	$2,115
WUG Infrastructure Expansion (Groundwater) - Harris County MUD 58	WUG	$0	$17,947	$19,402	$5,052	$5,052	$5,196
WUG Infrastructure Expansion (Groundwater) - Harris County WCID 70	WUG	$0	$23,929	$24,754	$6,496	$6,736	$7,275
WUG Infrastructure Expansion (Groundwater) - High Prairie WSC	WUG	$7,179	$7,179	$1,819	$1,819	$1,819	$1,819
WUG Infrastructure Expansion (Groundwater) - HMW SUD	WUG	$0	$16,315	$18,407	$5,349	$5,052	$5,349
WUG Infrastructure Expansion (Groundwater) - Huntsville	WUG	$0	$0	$0	$0	$1,207	$1,161
WUG Infrastructure Expansion (Groundwater) - Irrigation, Leon (T)	WUG	$415	$415	$103	$103	$103	$103
WUG Infrastructure Expansion (Groundwater) - Irrigation, Liberty (N)	WUG	$205	$205	$83	$83	$83	$83
WUG Infrastructure Expansion (Groundwater) - Irrigation, Liberty (SJ)	WUG	$266	$266	$108	$108	$108	$108
WUG Infrastructure Expansion (Groundwater) - Irrigation, Montgomery (SJ) - Phase 1	WUG	$1,765	$313	$81	$66	$59	$55
WUG Infrastructure Expansion (Groundwater) - Irrigation, Montgomery (SJ) - Phase 2	WUG	$0	$0	$0	$81	$73	$27
WUG Infrastructure Expansion (Groundwater) - Johnston Water Utility - Phase 1	WUG	$5,041	$1,933	$693	$585	$521	$481
WUG Infrastructure Expansion (Groundwater) - Johnston Water Utility - Phase 2	WUG	$0	$0	$0	$738	$658	$249
WUG Infrastructure Expansion (Groundwater) - Katy	WUG	$2,379	$1,691	$724	$728	$663	$619
WUG Infrastructure Expansion (Groundwater) - Keenan WSC	WUG	$0	$34,184	$13,805	$2,526	$2,115	$1,875
WUG Infrastructure Expansion (Groundwater) - Kings Manor MUD	WUG	$13,968	$6,762	$1,663	$1,455	$1,326	$1,245
WUG Infrastructure Expansion (Groundwater) - Lake Conroe Hills MUD	WUG	$0	$28,715	$15,274	$3,031	$2,675	$2,393
WUG Infrastructure Expansion (Groundwater) - Lazy River Improvement District	WUG	$746,428	$18,661	$2,806	$2,097	$1,795	$1,569
WUG Infrastructure Expansion (Groundwater) - Livestock, Leon (B)	WUG	$415	$415	$103	$103	$103	$103
WUG Infrastructure Expansion (Groundwater) - Livestock, Leon (T)	WUG	$415	$415	$103	$103	$103	$103
WUG Infrastructure Expansion (Groundwater) - Livestock, Liberty (NT)	WUG	$310	$310	$93	$93	$93	$93
WUG Infrastructure Expansion (Groundwater) - Livestock, Liberty (SJ)	WUG	$415	$415	$103	$103	$321	$321
WUG Infrastructure Expansion (Groundwater) - Livestock, Liberty (T)	WUG	$226	$226	$85	$85	$85	$85
WUG Infrastructure Expansion (Groundwater) - Livestock, Liberty (TSJ)	WUG	$415	$415	$103	$103	$103	$103
WUG Infrastructure Expansion (Groundwater) - Livestock, Montgomery (SJ)	WUG	$3,644	$645	$123	$101	$91	$83
WUG Infrastructure Expansion (Groundwater) - Longhorn Town UD	WUG	$0	$10,404	$10,557	$2,798	$2,756	$2,458

Project Name	Proj. Level	Unit Cost ($/ac ft)					
		2030	2040	2050	2060	2070	2080
WUG Infrastructure Expansion (Groundwater) - Luce Bayou PUD	WUG	$0	$11,044	$11,395	$2,933	$3,083	$3,136
WUG Infrastructure Expansion (Groundwater) - Magnolia - Phase 1	WUG	$206,536	$4,281	$638	$518	$461	$416
WUG Infrastructure Expansion (Groundwater) - Magnolia - Phase 2	WUG	$0	$0	$2,780	$2,257	$776	$701
WUG Infrastructure Expansion (Groundwater) - Manufacturing, Leon (T)	WUG	$0	$3,036	$3,036	$3,036	$3,036	$3,036
WUG Infrastructure Expansion (Groundwater) - Manufacturing, Montgomery - Phase 1	WUG	$1,912	$1,496	$617	$558	$519	$486
WUG Infrastructure Expansion (Groundwater) - Manufacturing, Montgomery - Phase 2	WUG	$0	$0	$876	$792	$303	$284
WUG Infrastructure Expansion (Groundwater) - Mason Creek UD	WUG	$0	$3,956	$4,008	$1,399	$1,292	$1,213
WUG Infrastructure Expansion (Groundwater) - Meadowcreek MUD	WUG	$0	$0	$179,468	$102,553	$18,187	$15,156
WUG Infrastructure Expansion (Groundwater) - Mining, Austin (B)	WUG	$4,051	$4,051	$4,051	$4,051	$4,051	$4,051
WUG Infrastructure Expansion (Groundwater) - Mining, Liberty (SJ)	WUG	$0	$40,515	$40,515	$40,515	$40,515	$40,515
WUG Infrastructure Expansion (Groundwater) - Mining, Liberty (T)	WUG	$2,732	$2,732	$2,732	$2,732	$2,732	$2,732
WUG Infrastructure Expansion (Groundwater) - Mining, Montgomery	WUG	$717,871	$102,553	$15,156	$10,104	$8,267	$6,496
WUG Infrastructure Expansion (Groundwater) - Mining, Polk (T)	WUG	$4,051	$4,051	$4,051	$4,051	$4,051	$4,051
WUG Infrastructure Expansion (Groundwater) - Mining, San Jacinto (T)	WUG	$4,051	$4,051	$4,051	$4,051	$4,051	$4,051
WUG Infrastructure Expansion (Groundwater) - Mont Belvieu - Phase 1	WUG	$1,176	$1,176	$580	$430	$311	$382
WUG Infrastructure Expansion (Groundwater) - Mont Belvieu - Phase 2	WUG	$0	$0	$0	$649	$470	$277
WUG Infrastructure Expansion (Groundwater) - Montgomery County MUD 105	WUG	$717,871	$21,754	$3,031	$2,302	$1,977	$1,749
WUG Infrastructure Expansion (Groundwater) - Montgomery County MUD 115	WUG	$10,209	$5,631	$1,656	$1,371	$1,257	$1,117
WUG Infrastructure Expansion (Groundwater) - Montgomery County MUD 126	WUG	$6,925	$6,166	$1,689	$1,313	$1,106	$1,128
WUG Infrastructure Expansion (Groundwater) - Montgomery County MUD 127	WUG	$16,848	$9,810	$2,210	$1,883	$1,746	$1,558
WUG Infrastructure Expansion (Groundwater) - Montgomery County MUD 137	WUG	$0	$13,566	$7,211	$1,668	$1,488	$1,407
WUG Infrastructure Expansion (Groundwater) - Montgomery County MUD 139	WUG	$464,886	$10,106	$1,981	$1,549	$1,335	$1,208
WUG Infrastructure Expansion (Groundwater) - Montgomery County MUD 15	WUG	$5,819	$4,109	$1,264	$1,168	$1,099	$1,055
WUG Infrastructure Expansion (Groundwater) - Montgomery County MUD 18	WUG	$0	$20,133	$7,457	$1,806	$1,381	$1,122
WUG Infrastructure Expansion (Groundwater) - Montgomery County MUD 56	WUG	$717,871	$47,858	$6,272	$5,052	$4,436	$3,954
WUG Infrastructure Expansion (Groundwater) - Montgomery County MUD 83	WUG	$0	$15,196	$8,333	$1,835	$1,604	$1,473
WUG Infrastructure Expansion (Groundwater) - Montgomery County MUD 94	WUG	$546,183	$8,601	$1,860	$1,446	$1,249	$1,108
WUG Infrastructure Expansion (Groundwater) - Montgomery County UD 2	WUG	$154,962	$7,498	$1,782	$1,470	$1,297	$1,177

Project Name	Proj. Level	Unit Cost ($/ac ft)					
		2030	2040	2050	2060	2070	2080
WUG Infrastructure Expansion (Groundwater) - Montgomery County UD 3	WUG	$0	$0	$0	$26,588	$12,594	$2,218
WUG Infrastructure Expansion (Groundwater) - Montgomery County UD 4	WUG	$0	$0	$28,246	$7,660	$1,706	$1,307
WUG Infrastructure Expansion (Groundwater) - New Caney MUD - Phase 1	WUG	$0	$4,835	$2,333	$701	$574	$527
WUG Infrastructure Expansion (Groundwater) - New Caney MUD - Phase 2	WUG	$0	$0	$0	$1,633	$1,337	$490
WUG Infrastructure Expansion (Groundwater) - Nitsch and Son Utility	WUG	$0	$21,754	$22,433	$6,062	$6,272	$6,736
WUG Infrastructure Expansion (Groundwater) - Northwest Harris County MUD 16	WUG	$0	$8,973	$9,087	$2,245	$1,935	$1,801
WUG Infrastructure Expansion (Groundwater) - Palmer Plantation MUD 1	WUG	$0	$717,871	$717,871	$181,874	$45,469	$12,125
WUG Infrastructure Expansion (Groundwater) - Patton Village	WUG	$0	$102,553	$37,783	$5,867	$5,196	$5,052
WUG Infrastructure Expansion (Groundwater) - Pinehurst Decker Prairie WSC	WUG	$0	$37,783	$17,947	$3,136	$2,756	$2,526
WUG Infrastructure Expansion (Groundwater) - Pinewood Community	WUG	$0	$51,277	$51,277	$12,125	$10,104	$11,367
WUG Infrastructure Expansion (Groundwater) - Plantation MUD	WUG	$0	$0	$55,221	$44,867	$9,572	$6,995
WUG Infrastructure Expansion (Groundwater) - Point Aquarius MUD	WUG	$0	$0	$24,754	$11,965	$2,273	$1,837
WUG Infrastructure Expansion (Groundwater) - Porter SUD - Phase 1	WUG	$5,548	$1,479	$445	$354	$308	$275
WUG Infrastructure Expansion (Groundwater) - Porter SUD - Phase 2	WUG	$0	$0	$1,244	$991	$424	$379
WUG Infrastructure Expansion (Groundwater) - Quadvest (Rosenberg GRP)	WUG	$0	$8,487	$4,107	$1,244	$1,001	$894
WUG Infrastructure Expansion (Groundwater) - Quadvest, Fort Bend (B)	WUG	$0	$6,675	$2,904	$1,982	$1,613	$1,483
WUG Infrastructure Expansion (Groundwater) - Quadvest, Harris (SJ)	WUG	$0	$101,287	$45,017	$45,017	$50,644	$50,644
WUG Infrastructure Expansion (Groundwater) - Quadvest, Liberty (SJ) - Phase 1	WUG	$0	$1,736	$1,736	$1,736	$1,078	$1,078
WUG Infrastructure Expansion (Groundwater) - Quadvest, Liberty (SJ) - Phase 2	WUG	$0	$0	$0	$0	$819	$819
WUG Infrastructure Expansion (Groundwater) - Quadvest, Montgomery (SJ) - Phase 1	WUG	$873,332	$1,936	$953	$716	$622	$548
WUG Infrastructure Expansion (Groundwater) - Quadvest, Montgomery (SJ) - Phase 2	WUG	$0	$0	$0	$527	$458	$403
WUG Infrastructure Expansion (Groundwater) - Ranch Crest Water	WUG	$717,871	$21,114	$3,031	$2,425	$2,140	$1,914
WUG Infrastructure Expansion (Groundwater) - River Plantation MUD	WUG	$0	$21,237	$7,079	$1,313	$1,196	$1,095
WUG Infrastructure Expansion (Groundwater) - Roman Forest Consolidated MUD	WUG	$0	$22,233	$10,132	$1,869	$1,547	$1,469
WUG Infrastructure Expansion (Groundwater) - Royal Valley Utilities (NFBWA GRP Participant)	WUG	$0	$29,644	$16,008	$1,811	$1,633	$1,358
WUG Infrastructure Expansion (Groundwater) - Royal Valley Utilities (Sugar Land IWRP)	WUG	$0	$23,326	$16,587	$2,165	$1,972	$1,660
WUG Infrastructure Expansion (Groundwater) - Sequoia Improvement District	WUG	$0	$44,867	$55,221	$18,187	$25,982	$45,469
WUG Infrastructure Expansion (Groundwater) - Shenandoah - Phase 1	WUG	$127,036	$2,993	$690	$520	$449	$403

Project Name	Proj. Level	Unit Cost ($/ac ft)					
		2030	2040	2050	2060	2070	2080
WUG Infrastructure Expansion (Groundwater) - Shenandoah - Phase 2	WUG	$0	$0	$2,119	$1,595	$610	$547
WUG Infrastructure Expansion (Groundwater) - South Cleveland WSC	WUG	$0	$0	$0	$2,074	$2,074	$910
WUG Infrastructure Expansion (Groundwater) - Southern Water	WUG	$0	$10,877	$8,755	$2,044	$2,332	$2,526
WUG Infrastructure Expansion (Groundwater) - Splendora - Phase 1	WUG	$2,389	$2,389	$327	$327	$327	$327
WUG Infrastructure Expansion (Groundwater) - Splendora - Phase 2	WUG	$0	$0	$1,062	$1,062	$496	$496
WUG Infrastructure Expansion (Groundwater) - Steam-Electric Power, Austin (B)	WUG	$1,229	$1,229	$1,229	$1,229	$1,229	$1,229
WUG Infrastructure Expansion (Groundwater) - Steam-Electric Power, Montgomery - Phase 1	WUG	$3,791	$2,384	$777	$690	$647	$612
WUG Infrastructure Expansion (Groundwater) - Steam-Electric Power, Montgomery - Phase 2	WUG	$0	$0	$1,515	$1,344	$443	$420
WUG Infrastructure Expansion (Groundwater) - Suburban Utility	WUG	$0	$0	$7,109	$6,491	$1,897	$2,238
WUG Infrastructure Expansion (Groundwater) - The Commons Water Supply	WUG	$0	$10,404	$12,167	$3,566	$4,134	$4,916
WUG Infrastructure Expansion (Groundwater) - Thunderbird UD	WUG	$0	$37,783	$15,606	$3,432	$2,842	$2,115
WUG Infrastructure Expansion (Groundwater) - Walker County SUD	WUG	$7,179	$7,179	$1,819	$1,819	$1,819	$1,819
WUG Infrastructure Expansion (Groundwater) - Waller - Phase 1	WUG	$2,098	$1,574	$499	$499	$499	$499
WUG Infrastructure Expansion (Groundwater) - Waller - Phase 2	WUG	$0	$1,296	$1,296	$300	$300	$300
WUG Infrastructure Expansion (Groundwater) - West Harris County MUD 6	WUG	$0	$10,714	$11,044	$2,887	$2,842	$2,798
WUG Infrastructure Expansion (Groundwater) - White Oak WSC	WUG	$0	$26,588	$14,076	$2,458	$2,091	$1,783
WUG Infrastructure Expansion (Groundwater) - Wood Branch Village	WUG	$0	$23,484	$10,473	$1,761	$1,547	$1,415
WUG Infrastructure Expansion (Groundwater) - Wood Trace MUD 1	WUG	$0	$35,894	$14,956	$2,636	$2,332	$2,044

Table 5-A12 – WWP and WUG WMS Contractual Volumes

Contract Relationship	Source	Contractual Volume (ac ft/yr)					
		2030	2040	2050	2060	2070	2080
Baytown Area Water Authority							
Baytown	Livingston-Wallisville Lake/Reservoir System	6,549	9,481	9,413	9,383	9,259	9,266
Harris County FWSD 27	Livingston-Wallisville Lake/Reservoir System	36	84	103	113	168	150
Harris County WCID 1	Livingston-Wallisville Lake/Reservoir System	135	145	194	214	283	294
Mont Belvieu	Livingston-Wallisville Lake/Reservoir System	0	0	0	0	0	1,824
Brazos River Authority							
Gulf Coast Water Authority	Allens Creek Lake/Reservoir	0	3,148	5,120	7,373	9,297	11,586
Irrigation, Waller	Allens Creek Lake/Reservoir	0	0	3	6	9	12
Manufacturing, Brazoria	Allens Creek Lake/Reservoir	0	25,784	27,603	29,486	31,454	33,457
Manufacturing, Galveston	Allens Creek Lake/Reservoir	0	2,587	2,852	3,117	3,382	3,647
Manvel	Allens Creek Lake/Reservoir	0	1,693	1,867	2,040	2,214	2,387
Pecan Grove MUD 1	Allens Creek Lake/Reservoir	0	5	29	52	73	93
Richmond	Allens Creek Lake/Reservoir	0	18	131	952	1,816	2,201
Rosenberg	Allens Creek Lake/Reservoir	0	32	186	332	470	601
Steam-Electric Power, Fort Bend	Allens Creek Lake/Reservoir	0	590	3,434	6,122	8,668	11,082
Sugar Land	Allens Creek Lake/Reservoir	0	54	345	672	1,033	1,424
Brazos River Authority - Unassigned Water Volumes	Allens Creek Lake/Reservoir	0	65,739	58,080	49,498	41,234	33,160
Brazosport Water Authority							
Angleton	Harris Reservoir	3,955	3,318	2,540	2,271	1,967	1,867
County-Other, Brazoria	Gulf Coast Aquifer System, Brazoria	5,848	5,776	5,720	5,704	5,706	5,732
	Harris Reservoir	3,597	4,207	4,978	5,242	5,544	5,646
Lake Jackson	Harris Reservoir	560	560	560	560	560	560
Manufacturing, Brazoria	Harris Reservoir	3,360	3,360	3,360	3,360	3,360	3,360
Oyster Creek	Harris Reservoir	13	13	13	13	13	13
Richwood	Harris Reservoir	224	224	224	224	224	224
TDCJ Darrington Unit	Harris Reservoir	41	68	75	80	82	80

Contract Relationship	Source	Contractual Volume (ac ft/yr)					
		2030	2040	2050	2060	2070	2080
TDCJ Ramsey Area	Harris Reservoir	250	250	250	250	250	250
Conroe							
San Jacinto River Authority	Gulf Coast Aquifer System, Montgomery	0	1,111	2,372	5,813	6,019	6,224
Conroe Resort Utilities							
San Jacinto River Authority	Gulf Coast Aquifer System, Montgomery	0	0	75	86	85	84
County-Other, Fort Bend							
Richmond	Gulf Coast Aquifer System, Fort Bend	0	64	68	81	101	119
County-Other, Harris							
Houston	Gulf Coast Aquifer System, Harris	0	837	837	836	836	836
Dow Inc							
Manufacturing, Brazoria	Brazos Run-of-River, Brazoria	10,000	10,000	10,000	10,000	10,000	10,000
	Harris Reservoir	68,000	68,000	68,000	68,000	68,000	68,000
El Dorado UD							
Houston	Gulf Coast Aquifer System, Harris	0	251	251	251	251	251
Forest Hills MUD							
Houston	Gulf Coast Aquifer System, Harris	0	158	158	158	125	158
Fort Bend County MUD 115							
Missouri City	Gulf Coast Aquifer System, Fort Bend	0	2	13	20	27	33
Fort Bend County MUD 121							
Richmond	Gulf Coast Aquifer System, Fort Bend	0	10	8	8	8	9
Fort Bend County MUD 129							
Missouri City	Gulf Coast Aquifer System, Fort Bend	0	5	7	14	21	36
Fort Bend County MUD 140							
Richmond	Gulf Coast Aquifer System, Fort Bend	0	8	7	6	8	10
Fort Bend County MUD 149							
Missouri City	Gulf Coast Aquifer System, Fort Bend	0	2	9	13	16	23

Contract Relationship	Source	Contractual Volume (ac ft/yr)					
		2030	2040	2050	2060	2070	2080
Fort Bend County MUD 46							
Missouri City	Gulf Coast Aquifer System, Fort Bend	0	10	17	28	31	33
Fort Bend County MUD 47							
Missouri City	Gulf Coast Aquifer System, Fort Bend	0	0	0	1	1	5
Fort Bend County MUD 48							
Missouri City	Gulf Coast Aquifer System, Fort Bend	0	2	2	9	13	15
Fort Bend County MUD 49							
Missouri City	Gulf Coast Aquifer System, Fort Bend	0	3	3	5	8	9
Fort Bend County WCID 2							
Meadows Place	Gulf Coast Aquifer System, Fort Bend	0	0	12	42	61	80
Gulf Coast Water Authority							
Bacliff MUD	Gulf of Mexico	0	246	256	269	281	295
Bayview MUD	Gulf of Mexico	0	80	84	87	92	96
County-Other, Fort Bend	Brazos Run-of-River, Fort Bend	426	641	1,013	1,363	1,436	1,755
County-Other, Galveston	Brazos Run-of-River, Fort Bend	2,608	2,671	2,709	2,720	2,703	2,685
Fort Bend County WCID 2	Brazos Run-of-River, Fort Bend	1,414	1,465	1,570	1,682	1,803	1,930
Galveston	Brazos Run-of-River, Fort Bend	6,944	6,944	6,944	6,944	6,944	6,944
	Gulf Coast Aquifer System, Galveston	0	1,839	1,865	1,881	1,893	1,905
	Gulf of Mexico	0	4,332	4,527	4,737	4,961	5,198
Galveston County FWSD 6	Gulf of Mexico	0	167	175	183	191	200
Galveston County MUD 12	Gulf of Mexico	0	93	97	101	106	111
Galveston County WCID 1	Gulf of Mexico	0	859	898	940	985	1,032
Galveston County WCID 12	Gulf of Mexico	0	637	666	697	730	764
Galveston County WCID 8	Gulf of Mexico	0	343	357	375	392	411
Hitchcock	Gulf of Mexico	0	413	431	452	473	496
La Marque	Gulf of Mexico	0	831	868	909	952	997

Contract Relationship	Source	Contractual Volume (ac ft/yr)					
		2030	2040	2050	2060	2070	2080
League City	Direct Reuse, League City	6,720	8,960	11,200	13,440	15,680	16,800
	Gulf of Mexico	0	1,144	1,196	1,251	1,310	1,373
	Livingston-Wallisville Lake/Reservoir System	18,480	18,480	18,480	18,480	18,480	18,480
Manufacturing, Brazoria	Brazos Run-of-River, Fort Bend	5,058	5,137	5,306	5,485	5,676	5,878
	Gulf Coast Aquifer System, Galveston	9,746	9,626	9,534	9,506	9,510	9,553
Manufacturing, Fort Bend	Brazos Run-of-River, Fort Bend	1,704	1,751	1,807	1,862	1,923	1,982
Manufacturing, Galveston	Allens Creek Lake/Reservoir	0	3,148	5,120	7,373	9,297	11,586
	Brazos Run-of-River, Fort Bend	11,477	10,688	9,338	7,758	6,550	5,019
	Direct Reuse, Galveston County Industries	0	11,200	11,200	11,200	11,200	11,200
Mining, Brazoria	Brazos Run-of-River, Fort Bend	332	396	459	526	598	675
Missouri City	Brazos Run-of-River, Fort Bend	5,045	5,159	5,391	5,856	6,200	6,581
Pearland	Brazos Run-of-River, Fort Bend	2,018	2,064	2,156	2,257	2,364	2,477
Pecan Grove MUD 1	Brazos Run-of-River, Fort Bend	317	329	352	377	404	432
San Leon MUD	Gulf of Mexico	0	368	385	402	422	442
Sugar Land	Brazos Run-of-River, Fort Bend	2,692	2,790	2,990	3,205	3,434	3,677
Texas City	Brazos Run-of-River, Fort Bend	9,744	9,744	9,744	9,744	9,744	9,744
	Gulf of Mexico	0	2,374	2,481	2,597	2,720	2,849
Harris County MUD 106							
West Harris County Regional Water Authority	Gulf Coast Aquifer System, Harris	0	621	643	654	679	688
Harris County MUD 11							
Houston	Gulf Coast Aquifer System, Harris	0	223	223	223	223	223
Harris County MUD 119							
Houston	Gulf Coast Aquifer System, Harris	0	470	470	470	470	470
Harris County MUD 132							
West Harris County Regional Water Authority	Gulf Coast Aquifer System, Harris	0	1,951	2,016	2,041	2,101	2,132

Contract Relationship	Source	Contractual Volume (ac ft/yr)					
		2030	2040	2050	2060	2070	2080
Harris County MUD 151							
West Harris County Regional Water Authority	Gulf Coast Aquifer System, Harris	0	1,121	1,144	1,157	1,206	1,216
Harris County MUD 152							
West Harris County Regional Water Authority	Gulf Coast Aquifer System, Harris	0	1,024	1,059	1,072	1,109	1,122
Harris County MUD 154							
Houston	Gulf Coast Aquifer System, Harris	0	776	776	776	776	776
Harris County MUD 189							
Houston	Gulf Coast Aquifer System, Harris	0	337	337	337	337	337
Harris County MUD 221							
Houston	Gulf Coast Aquifer System, Harris	0	319	319	319	319	319
Harris County MUD 278							
Houston	Gulf Coast Aquifer System, Harris	0	563	563	563	563	563
Harris County MUD 290							
West Harris County Regional Water Authority	Gulf Coast Aquifer System, Harris	0	1,173	1,242	1,271	1,312	1,327
Harris County MUD 36							
Houston	Gulf Coast Aquifer System, Harris	0	364	364	364	364	364
Harris County MUD 46							
West Harris County Regional Water Authority	Gulf Coast Aquifer System, Harris	0	654	656	658	658	658
Harris County UD 14							
Harris County UD 15	Livingston-Wallisville Lake/Reservoir System	0	391	383	378	386	390
Houston	Gulf Coast Aquifer System, Harris	0	126	126	126	126	126
Harris County UD 15							
Houston	Gulf Coast Aquifer System, Harris	0	317	317	317	317	317
Harris County WCID 133							
Houston	Gulf Coast Aquifer System, Harris	0	445	445	445	445	445

Contract Relationship	Source	Contractual Volume (ac ft/yr)					
		2030	2040	2050	2060	2070	2080
Harris County WCID 74							
Houston	Gulf Coast Aquifer System, Harris	0	403	403	403	403	403
HMW SUD							
San Jacinto River Authority	Gulf Coast Aquifer System, Montgomery	0	0	644	723	705	679
Houston							
Baker Road MUD	Gulf Coast Aquifer System, Harris	0	46	45	44	59	65
Baytown Area Water Authority	Livingston-Wallisville Lake/Reservoir System	0	0	0	0	0	1,824
Blue Bell Manor Utility	Gulf Coast Aquifer System, Harris	0	65	73	75	68	64
Central Harris County Regional Water Authority	Livingston-Wallisville Lake/Reservoir System	5,466	5,466	5,466	5,466	5,466	5,466
County-Other, Harris	Gulf Coast Aquifer System, Harris	1,514	1,664	1,757	1,841	1,847	1,887
	Indirect Reuse, Houston	0	0	0	0	1,633	3,448
	Livingston-Wallisville Lake/Reservoir System	3,045	8,803	10,445	9,779	8,294	6,440
Douglas Utility	Gulf Coast Aquifer System, Harris	0	50	54	57	52	52
El Dorado UD	Livingston-Wallisville Lake/Reservoir System	0	327	353	358	362	362
Forest Hills MUD	Livingston-Wallisville Lake/Reservoir System	0	162	161	159	241	158
Green Trails MUD	Gulf Coast Aquifer System, Harris	0	108	107	106	117	123
Gulf Coast Water Authority	Livingston-Wallisville Lake/Reservoir System	18,480	18,480	18,480	18,480	18,480	18,480
Harris County FWSD 58	Gulf Coast Aquifer System, Harris	0	52	50	49	47	45
Harris County MUD 11	Livingston-Wallisville Lake/Reservoir System	0	232	231	228	225	223
Harris County MUD 119	Livingston-Wallisville Lake/Reservoir System	0	610	607	605	597	590
Harris County MUD 153	Gulf Coast Aquifer System, Harris	0	245	267	276	314	320
Harris County MUD 154	Livingston-Wallisville Lake/Reservoir System	0	946	949	935	952	942
Harris County MUD 189	Livingston-Wallisville Lake/Reservoir System	0	443	448	451	465	485
Harris County MUD 216	Gulf Coast Aquifer System, Harris	0	94	92	89	92	93
Harris County MUD 221	Livingston-Wallisville Lake/Reservoir System	0	394	398	398	405	403
Harris County MUD 261	Livingston-Wallisville Lake/Reservoir System	162	224	230	231	229	230

Contract Relationship	Source	Contractual Volume (ac ft/yr)					
		2030	2040	2050	2060	2070	2080
Harris County MUD 278	Livingston-Wallisville Lake/Reservoir System	0	563	563	563	563	563
Harris County MUD 342	Gulf Coast Aquifer System, Harris	0	126	245	298	297	307
Harris County MUD 345	Gulf Coast Aquifer System, Harris	0	134	122	108	122	109
Harris County MUD 36	Livingston-Wallisville Lake/Reservoir System	0	481	654	726	734	761
Harris County MUD 361	Gulf Coast Aquifer System, Harris	0	88	111	118	129	127
Harris County MUD 494	Gulf Coast Aquifer System, Harris	0	59	76	81	88	86
Harris County MUD 58	Gulf Coast Aquifer System, Harris	0	40	37	36	36	35
Harris County MUD 6	Livingston-Wallisville Lake/Reservoir System	0	36	35	32	28	22
Harris County UD 14	Livingston-Wallisville Lake/Reservoir System	0	556	549	544	552	558
Harris County WCID 133	Livingston-Wallisville Lake/Reservoir System	0	575	574	571	565	558
Harris County WCID 70	Gulf Coast Aquifer System, Harris	0	30	29	28	27	25
Harris County WCID 74	Livingston-Wallisville Lake/Reservoir System	0	515	529	527	518	513
Kings Manor MUD	Livingston-Wallisville Lake/Reservoir System	22	44	55	62	65	68
Longhorn Town UD	Gulf Coast Aquifer System, Harris	0	69	68	65	66	74
Luce Bayou PUD	Gulf Coast Aquifer System, Harris	0	65	63	62	59	58
Manufacturing, Chambers	Livingston-Wallisville Lake/Reservoir System	5,334	5,645	5,963	6,288	6,621	6,962
Manufacturing, Harris	Indirect Reuse, Houston	0	0	0	0	210	733
	Livingston-Wallisville Lake/Reservoir System	0	0	0	409	875	1,052
	San Jacinto Regional Return Flows	0	0	0	228	635	1,053
Mason Creek UD	Gulf Coast Aquifer System, Harris	0	235	232	228	247	263
Memorial Villages Water Authority	Livingston-Wallisville Lake/Reservoir System	2,450	2,445	2,815	2,958	2,868	2,843
Mining, Harris	Livingston-Wallisville Lake/Reservoir System	2,709	2,737	2,763	2,789	2,815	2,841
Montgomery County MUD 98	Livingston-Wallisville Lake/Reservoir System	0	0	1	7	14	18
Mount Houston Road MUD	Livingston-Wallisville Lake/Reservoir System	0	585	584	580	572	564
Nitsch and Son Utility	Gulf Coast Aquifer System, Harris	0	33	32	30	29	27
North Belt UD	Livingston-Wallisville Lake/Reservoir System	0	598	690	729	733	742

Contract Relationship	Source	Contractual Volume (ac ft/yr)					
		2030	2040	2050	2060	2070	2080
North Channel Water Authority	Livingston-Wallisville Lake/Reservoir System	1,955	1,229	845	437	153	0
North Forest MUD	Livingston-Wallisville Lake/Reservoir System	0	151	152	151	150	153
North Fort Bend Water Authority	Indirect Reuse, Houston	0	51,325	51,672	50,123	47,461	45,886
	Livingston-Wallisville Lake/Reservoir System	19,279	17,913	19,864	17,876	15,571	12,134
	San Jacinto Regional Return Flows	11,354	6,426	8,508	9,346	10,425	10,967
North Green MUD	Livingston-Wallisville Lake/Reservoir System	0	376	389	393	401	403
North Harris County Regional Water Authority	Indirect Reuse, Houston	0	68,746	69,132	73,390	74,279	76,962
	Livingston-Wallisville Lake/Reservoir System	44,869	54,940	56,630	48,087	40,151	30,402
Northeast Harris County MUD 1	Livingston-Wallisville Lake/Reservoir System	97	87	81	75	71	68
Northwest Harris County MUD 16	Gulf Coast Aquifer System, Harris	0	80	79	81	94	101
NRG	Livingston-Wallisville Lake/Reservoir System	14,835	14,835	14,835	14,835	14,835	14,835
Pine Village PUD	Livingston-Wallisville Lake/Reservoir System	0	169	169	169	169	169
Rolling Fork PUD	Livingston-Wallisville Lake/Reservoir System	25	109	117	120	116	114
San Jacinto River Authority	Conroe Lake/Reservoir	7,184	21,111	33,701	44,457	51,667	51,234
Sequoia Improvement District	Gulf Coast Aquifer System, Harris	0	16	13	10	7	4
Southern Water	Gulf Coast Aquifer System, Harris	0	66	82	89	78	72
Suburban Utility	Gulf Coast Aquifer System, Harris	0	0	105	115	105	89
Sunbelt FWSD	Livingston-Wallisville Lake/Reservoir System	0	1,600	1,600	1,600	1,600	1,600
The Commons Water Supply	Gulf Coast Aquifer System, Harris	0	69	59	51	44	37
West Harris County MUD 6	Gulf Coast Aquifer System, Harris	0	67	65	63	64	65
West Harris County Regional Water Authority	Indirect Reuse, Houston	0	63,573	68,097	67,798	64,508	61,163
	Livingston-Wallisville Lake/Reservoir System	16,324	26,457	26,588	23,338	20,809	17,591
	San Jacinto Regional Return Flows	9,614	7,198	8,457	8,524	9,056	9,186
Westfield Garden Park	Livingston-Wallisville Lake/Reservoir System	50	66	66	66	65	65
Windfern Forest Utility District	Livingston-Wallisville Lake/Reservoir System	471	626	636	638	628	623
Woodcreek MUD	Livingston-Wallisville Lake/Reservoir System	0	383	382	380	379	377

Contract Relationship	Source	Contractual Volume (ac ft/yr)					
		2030	2040	2050	2060	2070	2080
Lake Bonanza WSC							
San Jacinto River Authority	Gulf Coast Aquifer System, Montgomery	0	0	169	196	193	186
Lower Neches Valley Authority							
Irrigation, Chambers	Livingston-Wallisville Lake/Reservoir System	5,052	5,052	5,052	5,052	5,052	5,052
	Sam Rayburn-Steinhagen Lake/Reservoir System	0	33,500	33,500	33,500	33,500	33,500
Irrigation, Liberty	Livingston-Wallisville Lake/Reservoir System	3,369	3,369	3,369	3,369	3,369	3,369
	Sam Rayburn-Steinhagen Lake/Reservoir System	0	33,500	33,500	33,500	33,500	33,500
	Trinity Run-of-River, Liberty	665	665	665	665	665	665
Manvel							
Brazoria County MUD 25	Brazos Run-of-River, Fort Bend	50	50	50	50	50	50
Brazoria County MUD 29	Brazos Run-of-River, Fort Bend	150	150	150	150	150	150
Brazoria County MUD 39	Brazos Run-of-River, Fort Bend	500	500	500	500	500	500
County-Other, Brazoria	Brazos Run-of-River, Fort Bend	400	400	2,900	2,900	2,900	2,900
Sedona Lakes MUD 1	Brazos Run-of-River, Fort Bend	50	50	50	50	50	50
Missouri City							
Blue Ridge West MUD	Gulf Coast Aquifer System, Fort Bend	0	0	2	33	45	57
First Colony MUD 9	Gulf Coast Aquifer System, Fort Bend	0	8	51	90	132	168
Fort Bend County MUD 115	BRA System Operations Permit Supply	0	6	58	0	0	0
	Brazos Run-of-River, Fort Bend	0	0	0	73	97	113
Fort Bend County MUD 129	BRA System Operations Permit Supply	0	21	31	0	0	0
	Brazos Run-of-River, Fort Bend	0	0	0	49	72	122
Fort Bend County MUD 149	BRA System Operations Permit Supply	0	3	37	0	0	0
	Brazos Run-of-River, Fort Bend	0	0	0	44	50	75
Fort Bend County MUD 23	Gulf Coast Aquifer System, Fort Bend	0	27	27	36	45	52
Fort Bend County MUD 24	Gulf Coast Aquifer System, Fort Bend	0	17	17	17	18	19
Fort Bend County MUD 26	Gulf Coast Aquifer System, Fort Bend	0	18	27	49	60	71

Contract Relationship	Source	Contractual Volume (ac ft/yr)					
		2030	2040	2050	2060	2070	2080
Fort Bend County MUD 42	Gulf Coast Aquifer System, Fort Bend	0	19	31	43	55	69
Fort Bend County MUD 48	BRA System Operations Permit Supply	0	5	9	0	0	0
	Brazos Run-of-River, Fort Bend	0	0	0	33	46	52
Fort Bend County MUD 49	BRA System Operations Permit Supply	13	14	14	0	0	0
	Brazos Run-of-River, Fort Bend	0	0	0	15	26	27
Meadowcreek MUD	Gulf Coast Aquifer System, Fort Bend	0	0	4	7	10	12
Palmer Plantation MUD 1	Gulf Coast Aquifer System, Fort Bend	0	1	1	1	4	15
Thunderbird UD	Gulf Coast Aquifer System, Fort Bend	0	19	46	53	64	86
Montgomery County MUD 112							
San Jacinto River Authority	Gulf Coast Aquifer System, Montgomery	0	0	493	516	487	568
Montgomery County MUD 119							
San Jacinto River Authority	Gulf Coast Aquifer System, Montgomery	0	0	828	900	864	830
Montgomery County MUD 19							
San Jacinto River Authority	Gulf Coast Aquifer System, Montgomery	0	0	369	388	358	333
Montgomery County MUD 88							
San Jacinto River Authority	Gulf Coast Aquifer System, Montgomery	0	0	336	351	334	320
Montgomery County MUD 89							
San Jacinto River Authority	Gulf Coast Aquifer System, Montgomery	0	0	500	539	516	494
Montgomery County MUD 95							
San Jacinto River Authority	Gulf Coast Aquifer System, Montgomery	0	2,128	2,097	2,131	2,118	2,103
Mount Houston Road MUD							
Houston	Gulf Coast Aquifer System, Harris	0	456	456	456	456	456
MSEC Enterprises							
San Jacinto River Authority	Gulf Coast Aquifer System, Montgomery	1,179	2,652	2,698	3,226	3,061	2,975
North Belt UD							
Houston	Gulf Coast Aquifer System, Harris	0	469	469	469	469	469

Contract Relationship	Source	Contractual Volume (ac ft/yr)					
		2030	2040	2050	2060	2070	2080
North Forest MUD							
Houston	Gulf Coast Aquifer System, Harris	0	121	121	121	121	121
North Fort Bend Water Authority							
County-Other, Fort Bend	Gulf Coast Aquifer System, Fort Bend	0	412	1,235	1,868	2,820	3,290
Fort Bend County FWSD 1	Gulf Coast Aquifer System, Fort Bend	0	221	291	297	313	326
Fort Bend County MUD 131	Gulf Coast Aquifer System, Fort Bend	0	0	0	0	14	19
Fulshear	Livingston-Wallisville Lake/Reservoir System	0	1,185	1,133	1,147	1,204	1,183
Quadvest	Gulf Coast Aquifer System, Fort Bend	0	144	331	485	596	648
Royal Valley Utilities	Gulf Coast Aquifer System, Fort Bend	0	27	50	129	143	172
North Green MUD							
Houston	Gulf Coast Aquifer System, Harris	0	322	322	322	322	322
North Harris County Regional Water Authority							
HMW SUD	Gulf Coast Aquifer System, Harris	0	44	39	34	36	34
Pinewood Community	Gulf Coast Aquifer System, Harris	0	14	14	15	18	16
Quadvest	Gulf Coast Aquifer System, Harris	0	4	9	9	8	8
Tomball	Livingston-Wallisville Lake/Reservoir System	2,471	3,202	3,569	3,685	3,979	4,048
NRG							
Steam Electric Power, Fort Bend	Brazos River Authority Main Stem Lake/Reservoir System	22,866	0	0	0	0	0
Steam-Electric Power, Harris	Livingston-Wallisville Lake/Reservoir System	14,835	14,835	14,835	14,835	14,835	14,835
Oak Ridge North							
San Jacinto River Authority	Gulf Coast Aquifer System, Montgomery	79	247	222	292	265	243
Pearland							
Manvel	Brazos Run-of-River, Fort Bend	4,480	7,840	7,840	7,840	7,840	7,840
Pine Village PUD							
Houston	Gulf Coast Aquifer System, Harris	0	169	169	169	169	169

Contract Relationship	Source	Contractual Volume (ac ft/yr)					
		2030	2040	2050	2060	2070	2080
Rayford Road MUD							
San Jacinto River Authority	Gulf Coast Aquifer System, Montgomery	267	626	531	626	599	576
Richmond							
County-Other, Fort Bend	Allens Creek Lake/Reservoir	0	0	13	722	1,463	1,714
	BRA System Operations Permit Supply	712	1,157	1,552	1,421	1,234	1,003
Fort Bend County MUD 116	Gulf Coast Aquifer System, Fort Bend	0	92	92	104	112	125
Fort Bend County MUD 121	Brazos River Authority Main Stem Lake/Reservoir System	274	282	280	280	280	281
Fort Bend County WCID 3	Gulf Coast Aquifer System, Fort Bend	0	0	0	0	18	29
Rosenberg							
Fort Bend County FWSD 2	Gulf Coast Aquifer System, Fort Bend	328	336	359	378	399	422
Fort Bend County MUD 152	Brazos Run-of-River, Brazoria	0	0	1	21	40	41
Fort Bend County MUD 155	Brazos Run-of-River, Brazoria	0	81	180	258	326	365
Fort Bend County MUD 158	Brazos Run-of-River, Brazoria	0	33	78	113	144	162
Fort Bend County MUD 162	Gulf Coast Aquifer System, Fort Bend	0	0	12	28	76	97
Fort Bend County MUD 5	Gulf Coast Aquifer System, Fort Bend	0	27	55	68	71	73
Quadvest	Gulf Coast Aquifer System, Fort Bend	0	165	341	498	619	693
Sabine River Authority							
Houston	Toledo Bend Lake/Reservoir	0	0	250,000	250,000	250,000	250,000
San Jacinto River Authority							
Blaketree MUD 1 of Montgomery County	Gulf Coast Aquifer System, Montgomery	2	11	35	45	50	54
Chateau Woods MUD	Gulf Coast Aquifer System, Montgomery	0	64	111	142	161	177
Conroe	Conroe Lake/Reservoir	2,216	4,028	6,065	10,687	12,301	13,624
Conroe Resort Utilities	Conroe Lake/Reservoir	0	0	102	123	132	138
	Gulf Coast Aquifer System, Montgomery	0	13	0	0	0	0
Corinthian Point MUD 2	Gulf Coast Aquifer System, Montgomery	0	3	17	26	33	40
County-Other, Harris	San Jacinto Regional Return Flows	1,533	2,854	4,092	4,642	4,941	4,960

Contract Relationship	Source	Contractual Volume (ac ft/yr)					
		2030	2040	2050	2060	2070	2080
County-Other, Montgomery	Conroe Lake/Reservoir	0	0	1,429	2,460	7,710	3,776
	Gulf Coast Aquifer System (Catahoula Formation), Montgomery	0	0	0	0	0	10,500
	Gulf Coast Aquifer System, Montgomery	0	2,758	5,641	7,948	4,976	3,476
Crosby MUD	San Jacinto Regional Return Flows	0	1	0	2	54	45
Cut & Shoot	Gulf Coast Aquifer System, Montgomery	436	569	792	1,020	1,197	1,219
Domestic Water	Gulf Coast Aquifer System, Montgomery	0	16	29	41	50	54
East Montgomery County MUD 6	Gulf Coast Aquifer System, Montgomery	1	43	85	129	164	172
East Plantation UD	Gulf Coast Aquifer System, Montgomery	1	35	87	141	146	159
Grand Oaks MUD	Gulf Coast Aquifer System, Montgomery	0	27	50	59	65	69
HMW SUD	Conroe Lake/Reservoir	0	0	924	1,092	1,137	1,147
	Gulf Coast Aquifer System, Montgomery	0	149	0	0	0	0
Irrigation, Montgomery	Gulf Coast Aquifer System, Montgomery	167	943	1,485	1,820	2,019	2,200
Johnston Water Utility	Gulf Coast Aquifer System, Montgomery	378	986	1,367	1,619	1,816	1,970
Keenan WSC	Gulf Coast Aquifer System, Montgomery	0	21	52	72	86	97
Kings Manor MUD	Gulf Coast Aquifer System, Montgomery	61	126	161	184	202	215
Lake Bonanza WSC	Conroe Lake/Reservoir	0	0	250	307	327	335
	Gulf Coast Aquifer System, Montgomery	0	38	0	0	0	0
Lake Conroe Hills MUD	Gulf Coast Aquifer System, Montgomery	0	25	47	60	68	76
Lazy River Improvement District	Gulf Coast Aquifer System, Montgomery	1	40	71	95	111	127
Livestock, Montgomery	Gulf Coast Aquifer System, Montgomery	17	96	151	185	205	223
Magnolia	Gulf Coast Aquifer System, Montgomery	4	193	393	484	544	602
Manufacturing, Harris	San Jacinto Regional Return Flows	38,957	43,991	49,975	52,855	56,175	60,077
	Trinity Run-of-River, Chambers	17,610	17,610	17,610	17,610	17,610	17,610
Manufacturing, Montgomery	Gulf Coast Aquifer System, Montgomery	914	1,168	1,364	1,508	1,620	1,729
Mining, Montgomery	Gulf Coast Aquifer System, Montgomery	1	7	12	18	22	28
Montgomery County MUD 105	Gulf Coast Aquifer System, Montgomery	1	33	60	79	92	104

Contract Relationship	Source	Contractual Volume (ac ft/yr)					
		2030	2040	2050	2060	2070	2080
Montgomery County MUD 112	Conroe Lake/Reservoir	0	0	749	836	855	1,078
	Gulf Coast Aquifer System, Montgomery	5	142	0	0	0	0
Montgomery County MUD 115	Gulf Coast Aquifer System, Montgomery	107	194	255	308	336	378
Montgomery County MUD 119	Conroe Lake/Reservoir	0	0	1,211	1,399	1,451	1,491
	Gulf Coast Aquifer System, Montgomery	6	221	0	0	0	0
Montgomery County MUD 126	Gulf Coast Aquifer System, Montgomery	138	155	199	256	304	298
Montgomery County MUD 127	Gulf Coast Aquifer System, Montgomery	46	79	98	115	124	139
Montgomery County MUD 137	Gulf Coast Aquifer System, Montgomery	0	59	111	140	157	166
Montgomery County MUD 139	Gulf Coast Aquifer System, Montgomery	2	92	161	206	239	264
Montgomery County MUD 15	Gulf Coast Aquifer System, Montgomery	173	245	293	317	337	351
Montgomery County MUD 18	Gulf Coast Aquifer System, Montgomery	0	50	135	205	268	330
Montgomery County MUD 19	Conroe Lake/Reservoir	0	0	572	642	643	647
	Gulf Coast Aquifer System, Montgomery	9	121	0	0	0	0
Montgomery County MUD 24	Gulf Coast Aquifer System, Montgomery	2	0	0	0	0	0
Montgomery County MUD 56	Gulf Coast Aquifer System, Montgomery	1	15	29	36	41	46
Montgomery County MUD 83	Gulf Coast Aquifer System, Montgomery	0	51	93	118	135	147
Montgomery County MUD 88	Conroe Lake/Reservoir	132	132	507	566	583	601
	Gulf Coast Aquifer System, Montgomery	4	99	0	0	0	0
Montgomery County MUD 89	Conroe Lake/Reservoir	187	187	757	870	902	931
	Gulf Coast Aquifer System, Montgomery	5	146	0	0	0	0
Montgomery County MUD 94	Gulf Coast Aquifer System, Montgomery	2	127	227	292	338	381
Montgomery County MUD 95	Conroe Lake/Reservoir	0	2,128	2,097	2,131	2,118	2,103
Montgomery County UD 2	Gulf Coast Aquifer System, Montgomery	6	124	179	217	246	271
Montgomery County UD 3	Gulf Coast Aquifer System, Montgomery	0	0	0	27	57	82
Montgomery County UD 4	Gulf Coast Aquifer System, Montgomery	0	0	32	118	177	231
Montgomery County WCID 1	Gulf Coast Aquifer System, Montgomery	0	69	125	155	178	193

Contract Relationship	Source	Contractual Volume (ac ft/yr)					
		2030	2040	2050	2060	2070	2080
MSEC Enterprises	Conroe Lake/Reservoir	1,207	3,357	4,181	5,294	5,474	5,825
New Caney MUD	Gulf Coast Aquifer System, Montgomery	0	247	512	700	855	931
Oak Ridge North	Conroe Lake/Reservoir	79	272	278	379	355	335
Patton Village	Gulf Coast Aquifer System, Montgomery	0	7	19	31	35	36
Pinehurst Decker Prairie WSC	Gulf Coast Aquifer System, Montgomery	0	19	40	58	66	72
Point Aquarius MUD	Gulf Coast Aquifer System, Montgomery	0	0	29	60	80	99
Porter SUD	Gulf Coast Aquifer System, Montgomery	315	1,182	1,891	2,373	2,734	3,062
Quadvest	Gulf Coast Aquifer System, Montgomery	2	902	1,832	2,441	2,809	3,189
Ranch Crest Water	Gulf Coast Aquifer System, Montgomery	1	34	60	75	85	95
Rayford Road MUD	Conroe Lake/Reservoir	267	780	825	1,008	1,052	1,091
River Plantation MUD	Gulf Coast Aquifer System, Montgomery	0	45	135	256	281	307
Roman Forest Consolidated MUD	Gulf Coast Aquifer System, Montgomery	0	36	79	125	151	159
Shenandoah	Gulf Coast Aquifer System, Montgomery	9	382	661	878	1,016	1,133
Southern Montgomery County MUD	Conroe Lake/Reservoir	0	224	218	321	349	352
Spring Creek UD	Conroe Lake/Reservoir	241	241	938	1,070	1,090	1,090
	Gulf Coast Aquifer System, Montgomery	0	150	0	0	0	0
Steam-Electric Power, Montgomery	Conroe Lake/Reservoir	2,240	2,240	2,240	2,240	902	0
	Gulf Coast Aquifer System, Montgomery	315	501	631	711	758	801
T & W Water Service	Conroe Lake/Reservoir	0	0	1,603	1,932	2,033	2,007
	Gulf Coast Aquifer System, Montgomery	0	223	0	0	0	0
The Woodlands	Conroe Lake/Reservoir	1,746	8,437	8,579	10,597	11,536	13,614
Valley Ranch MUD 1	Gulf Coast Aquifer System, Montgomery	27	0	0	0	0	0
Westwood North WSC	Conroe Lake/Reservoir	0	0	545	615	614	721
	Gulf Coast Aquifer System, Montgomery	3	95	0	0	0	0
White Oak WSC	Gulf Coast Aquifer System, Montgomery	0	27	51	74	87	102
Wood Branch Village	Gulf Coast Aquifer System, Montgomery	0	33	74	123	140	153

Contract Relationship	Source	Contractual Volume (ac ft/yr)					
		2030	2040	2050	2060	2070	2080
Wood Trace MUD 1	Gulf Coast Aquifer System, Montgomery	0	20	48	69	78	89
Woodland Oaks Utility	Conroe Lake/Reservoir	0	0	329	386	401	409
	Gulf Coast Aquifer System, Montgomery	0	55	0	0	0	0
Woodridge MUD	Gulf Coast Aquifer System, Montgomery	13	0	0	0	0	0
Sienna Plantation							
Missouri City	Gulf Coast Aquifer System, Fort Bend	0	41	90	147	193	252
Southern Montgomery County MUD							
San Jacinto River Authority	Gulf Coast Aquifer System, Montgomery	0	172	129	212	207	197
Spring Creek UD							
San Jacinto River Authority	Gulf Coast Aquifer System, Montgomery	0	0	651	700	666	632
Steam-Electric Power, Fort Bend							
Manufacturing, Brazoria	Brazos River Authority Main Stem Lake/Reservoir System	22,866	0	0	0	0	0
Sugar Land							
County-Other, Fort Bend	Direct Reuse, County-Other, Fort Bend	0	0	1,232	1,232	1,232	1,232
	Gulf Coast Aquifer System, Fort Bend	460	786	786	786	786	786
Fort Bend County MUD 128	Brazos Run-of-River, Fort Bend	102	99	107	92	121	157
Fort Bend County MUD 25	Brazos River Authority Main Stem Lake/Reservoir System	1,120	1,120	1,120	1,120	1,120	1,120
Plantation MUD	Gulf Coast Aquifer System, Fort Bend	0	0	13	16	19	26
Royal Valley Utilities	Gulf Coast Aquifer System, Fort Bend	0	32	45	92	101	120
Sunbelt FWSD							
Houston	Gulf Coast Aquifer System, Harris	0	1,600	1,600	1,600	1,600	1,600
T & W Water Service							
San Jacinto River Authority	Gulf Coast Aquifer System, Montgomery	0	0	1,156	1,332	1,335	1,278
The Woodlands							
San Jacinto River Authority	Gulf Coast Aquifer System, Montgomery	1,723	7,292	6,157	7,502	7,339	7,965

Contract Relationship	Source	Contractual Volume (ac ft/yr)					
		2030	2040	2050	2060	2070	2080
Tomball							
North Harris County Regional Water Authority	Gulf Coast Aquifer System, Harris	2,471	2,471	2,471	2,471	2,471	2,471
Trail of the Lakes MUD							
West Harris County Regional Water Authority	Gulf Coast Aquifer System, Harris	0	1,172	1,207	1,225	1,264	1,273
West Harris County Regional Water Authority							
Harris County MUD 106	Livingston-Wallisville Lake/Reservoir System	0	621	643	654	679	688
Harris County MUD 132	Livingston-Wallisville Lake/Reservoir System	0	1,951	2,016	2,041	2,101	2,132
Harris County MUD 151	Livingston-Wallisville Lake/Reservoir System	0	1,121	1,144	1,157	1,206	1,216
Harris County MUD 152	Livingston-Wallisville Lake/Reservoir System	0	1,024	1,059	1,072	1,109	1,122
Harris County MUD 290	Livingston-Wallisville Lake/Reservoir System	0	1,173	1,242	1,271	1,312	1,327
Harris County MUD 46	Livingston-Wallisville Lake/Reservoir System	0	654	656	658	658	658
Katy	Gulf Coast Aquifer System, Harris	801	1,127	1,308	1,301	1,427	1,529
Trail of the Lakes MUD	Livingston-Wallisville Lake/Reservoir System	0	1,172	1,207	1,225	1,264	1,273
Westwood North WSC							
San Jacinto River Authority	Gulf Coast Aquifer System, Montgomery	0	0	360	381	351	382
Woodcreek MUD							
Houston	Gulf Coast Aquifer System, Harris	0	304	304	304	304	304
Woodland Oaks Utility							
San Jacinto River Authority	Gulf Coast Aquifer System, Montgomery	0	0	222	245	237	227

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Table 5-A13 – WUG Management Supply Factors

WUG*	Management Supply Factor					
	2030	2040	2050	2060	2070	2080
Alvin	1.0	1.0	1.0	1.0	1.0	1.0
Ames Minglewood WSC	1.0	1.1	1.1	1.1	1.1	1.1
Anahuac	4.9	5.0	5.0	5.1	4.8	4.8
Angleton	3.7	3.4	3.1	3.0	3.0	3.0
Austin County WSC	1.0	1.1	1.1	1.1	1.2	1.2
Bacliff MUD	1.7	2.0	2.0	1.9	1.9	1.9
Baker Road MUD	1.0	1.0	1.0	1.0	1.0	1.0
Baybrook MUD 1	6.1	5.8	5.8	5.7	5.6	5.4
Baytown	2.1	2.0	1.9	1.9	1.9	1.9
Bayview MUD	3.0	3.5	3.4	3.4	3.3	3.3
Bellaire	1.0	1.0	1.1	1.1	1.1	1.1
Bellville	1.0	1.0	1.1	1.1	1.1	1.1
Blaketree MUD 1 of Montgomery County	1.0	1.0	1.0	1.0	1.0	1.0
Blue Bell Manor Utility	1.0	1.0	1.0	1.0	1.0	1.0
Blue Ridge West MUD	1.0	1.1	1.0	1.1	1.1	1.1
Bolivar Peninsula SUD	4.8	4.8	4.8	4.8	4.9	4.9
Brazoria	2.1	2.2	2.2	2.2	2.3	2.4
Brazoria County FWSD 1	1.0	1.0	1.0	1.0	1.0	1.0
Brazoria County MUD 2	1.0	1.0	1.0	1.0	1.0	1.0
Brazoria County MUD 21	1.0	1.0	1.0	1.0	1.0	1.0
Brazoria County MUD 22	1.0	1.1	1.1	1.1	1.1	1.1
Brazoria County MUD 25	1.1	1.1	1.0	1.0	1.0	1.0
Brazoria County MUD 29	1.1	1.1	1.1	1.1	1.1	1.1
Brazoria County MUD 3	1.0	1.1	1.1	1.1	1.1	1.1
Brazoria County MUD 31	1.0	1.0	1.0	1.0	1.0	1.0
Brazoria County MUD 39	1.3	1.2	1.2	1.1	1.1	1.1
Brazoria County MUD 55	1.0	1.0	1.0	1.0	1.0	1.0
Brazoria County MUD 6	1.0	1.0	1.0	1.0	1.0	1.0
Brookshire MWD	1.0	1.1	1.1	1.2	1.2	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
C C Water Works	2.0	1.4	1.0	1.5	1.2	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	1.9	1.7	1.7	1.7	1.7	1.7
Chambers County MUD 1	1.0	1.0	1.0	1.1	1.1	1.1
Chateau Woods MUD	1.0	1.0	1.0	1.0	1.0	1.0
Chimney Hill MUD	1.2	1.2	1.2	1.2	1.2	1.2
Clear Brook City MUD	1.6	1.7	1.7	1.7	1.7	1.7

WUG*	Management Supply Factor					
	2030	2040	2050	2060	2070	2080
Clear Lake City Water Authority	2.1	2.1	2.1	2.1	2.1	2.1
Cleveland	1.0	1.1	1.1	1.1	1.2	1.2
Clute	1.7	1.8	1.8	1.8	1.6	1.3
Concord-Robbins WSC	1.0	1.1	1.1	1.1	1.1	1.2
Conroe	1.0	1.0	1.0	1.0	1.0	1.0
Conroe Resort Utilities	1.0	1.0	1.0	1.0	1.0	1.0
Corinthian Point MUD 2	1.0	1.0	1.0	1.0	1.0	1.0
Country Terrace Water	1.2	1.3	1.3	1.3	1.3	1.3
County-Other, Austin	1.0	1.1	1.1	1.1	1.1	1.1
County-Other, Brazoria	1.4	1.4	1.5	1.5	1.5	1.4
County-Other, Chambers	1.1	1.3	1.1	1.2	1.2	1.1
County-Other, Fort Bend	1.0	1.0	1.0	1.0	1.0	1.1
County-Other, Galveston	1.0	1.0	1.0	1.0	1.0	1.0
County-Other, Harris	1.1	1.0	1.0	1.0	1.0	1.0
County-Other, Leon	1.0	1.1	1.1	1.2	1.2	1.3
County-Other, Liberty	1.1	1.1	1.2	1.2	1.2	1.2
County-Other, Madison	1.0	1.1	1.1	1.1	1.1	1.2
County-Other, Montgomery	1.0	1.0	1.0	1.0	1.0	1.1
County-Other, Polk	1.0	1.1	1.1	1.1	1.1	1.1
County-Other, San Jacinto	1.0	1.1	1.1	1.1	1.1	1.2
County-Other, Trinity	5.4	5.7	6.1	6.3	6.6	6.9
County-Other, Walker	1.0	1.1	1.1	1.2	1.2	1.2
County-Other, Waller	1.3	1.1	1.4	1.1	1.2	1.1
Crosby MUD	1.1	1.0	1.0	1.0	1.0	1.0
Cut & Shoot	1.0	1.0	1.0	1.0	1.0	1.0
Daisetta	1.0	1.1	1.1	1.1	1.1	1.2
Danbury	1.0	1.0	1.0	1.0	1.0	1.0
Dayton	1.0	1.1	1.1	1.1	1.1	1.2
Deer Park	1.0	1.1	1.1	1.1	1.1	1.2
Devers	1.0	1.0	1.0	1.1	1.1	1.1
Dobbin Plantersville WSC	1.0	1.0	1.0	1.0	1.0	1.0
Dodge Oakhurst WSC	1.0	1.0	1.2	1.0	1.2	1.0
Domestic Water	1.0	1.0	1.0	1.0	1.0	1.0
Douglas Utility	1.0	1.0	1.0	1.0	1.0	1.0
East Montgomery County MUD 6	1.0	1.0	1.0	1.0	1.0	1.0
East Plantation UD	1.0	1.0	1.0	1.0	1.0	1.0
El Dorado UD	1.0	1.0	1.0	1.0	1.0	1.0
Far Hills UD	1.0	1.2	1.3	1.2	1.2	1.1
First Colony MUD 9	1.0	1.0	1.0	1.0	1.1	1.1
Flo Community WSC	1.0	1.1	1.1	1.1	1.1	1.1
Forest Hills MUD	1.2	1.0	1.0	1.0	1.1	1.0

WUG*	Management Supply Factor					
	2030	2040	2050	2060	2070	2080
Fort Bend County FWSD 1	1.0	1.0	1.0	1.0	1.0	1.0
Fort Bend County FWSD 2	1.0	1.0	1.0	1.0	1.1	1.1
Fort Bend County MUD 115	1.0	1.0	1.0	1.0	1.0	1.0
Fort Bend County MUD 116	1.0	1.1	1.1	1.1	1.1	1.1
Fort Bend County MUD 121	1.0	1.0	1.0	1.1	1.1	1.1
Fort Bend County MUD 128	1.0	1.0	1.0	1.0	1.0	1.0
Fort Bend County MUD 129	1.0	1.0	1.0	1.0	1.0	1.0
Fort Bend County MUD 131	1.0	1.0	1.0	1.0	1.0	1.0
Fort Bend County MUD 140	1.8	1.8	1.8	1.8	1.6	1.5
Fort Bend County MUD 149	1.0	1.0	1.0	1.0	1.0	1.0
Fort Bend County MUD 152	1.0	1.0	1.0	1.0	1.0	1.1
Fort Bend County MUD 155	1.0	1.0	1.0	1.1	1.1	1.1
Fort Bend County MUD 158	1.0	1.0	1.0	1.0	1.0	1.1
Fort Bend County MUD 162	1.0	1.1	1.1	1.1	1.1	1.1
Fort Bend County MUD 23	1.0	1.1	1.1	1.1	1.1	1.1
Fort Bend County MUD 24	1.0	1.1	1.1	1.1	1.1	1.1
Fort Bend County MUD 25	1.2	1.2	1.2	1.2	1.2	1.2
Fort Bend County MUD 26	1.0	1.1	1.1	1.1	1.1	1.1
Fort Bend County MUD 42	1.0	1.0	1.0	1.1	1.1	1.1
Fort Bend County MUD 46	1.2	1.1	1.1	1.1	1.1	1.1
Fort Bend County MUD 47	1.2	1.2	1.2	1.2	1.2	1.2
Fort Bend County MUD 48	1.0	1.0	1.1	1.1	1.1	1.1
Fort Bend County MUD 49	1.1	1.1	1.1	1.1	1.1	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	1.0	1.0	1.0	1.0
Fort Bend County WCID 2	1.2	1.2	1.2	1.2	1.3	1.3
Fort Bend County WCID 3	1.0	1.0	1.0	1.0	1.0	1.0
Freeport	1.4	1.5	1.5	1.6	1.6	1.7
Friendswood	2.0	2.0	2.0	2.0	2.0	2.0
Fulshear	1.0	1.0	1.0	1.0	1.0	1.0
G & W WSC	1.0	1.0	1.0	1.0	1.0	1.0
Galena Park	1.3	1.3	1.3	1.3	1.3	1.4
Galveston	1.5	1.8	1.8	1.9	1.9	1.9
Galveston County FWSD 6	3.5	4.2	4.3	4.3	4.3	4.3
Galveston County MUD 12	1.4	1.7	1.7	1.7	1.7	1.7
Galveston County WCID 1	1.2	1.5	1.6	1.6	1.6	1.6
Galveston County WCID 12	3.5	4.2	4.1	4.1	4.1	4.1
Galveston County WCID 8	3.3	3.9	3.9	3.9	3.9	3.9
Glendale WSC	1.1	1.1	1.1	1.1	1.1	1.1

WUG*	Management Supply Factor					
	2030	2040	2050	2060	2070	2080
Grand Oaks MUD	1.0	1.0	1.0	1.0	1.0	1.0
Green Trails MUD	1.0	1.0	1.0	1.0	1.0	1.0
Greenwood UD	1.0	1.1	1.1	1.1	1.1	1.1
Groveton	1.1	1.1	1.2	1.2	1.2	1.3
Hardin WSC	1.0	1.1	1.1	1.1	1.1	1.1
Harris County FWSD 1-A	1.1	1.1	1.1	1.1	1.2	1.2
Harris County FWSD 27	1.0	1.1	1.1	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	1.1	1.1	1.1
Harris County MUD 11	1.2	1.0	1.0	1.0	1.0	1.0
Harris County MUD 119	1.0	1.0	1.0	1.0	1.0	1.0
Harris County MUD 122	1.3	1.2	1.2	1.3	1.2	1.2
Harris County MUD 132	1.0	1.1	1.1	1.1	1.1	1.1
Harris County MUD 148	1.0	1.1	1.1	1.1	1.1	1.1
Harris County MUD 151	1.0	1.0	1.0	1.0	1.1	1.1
Harris County MUD 152	1.0	1.0	1.0	1.1	1.1	1.1
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 180	1.0	1.1	1.1	1.1	1.1	1.1
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 261	1.0	1.0	1.0	1.0	1.0	1.0
Harris County MUD 278	1.9	1.7	1.7	1.7	1.7	1.7
Harris County MUD 290	1.0	1.0	1.1	1.1	1.1	1.1
Harris County MUD 321	1.0	1.0	1.0	1.0	1.0	1.0
Harris County MUD 342	1.0	1.0	1.0	1.0	1.0	1.0
Harris County MUD 344	1.6	1.2	1.2	1.2	1.2	1.2
Harris County MUD 345	1.0	1.0	1.0	1.0	1.0	1.0
Harris County MUD 36	1.0	1.0	1.0	1.0	1.0	1.0
Harris County MUD 361	1.0	1.0	1.0	1.0	1.0	1.0
Harris County MUD 372	1.2	1.0	1.0	1.0	1.0	1.0
Harris County MUD 400	1.7	1.6	1.5	1.5	1.5	1.5
Harris County MUD 412	1.9	1.6	1.4	1.4	1.4	1.4
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	1.1
Harris County MUD 49	1.5	1.3	1.2	1.2	1.2	1.2
Harris County MUD 494	1.0	1.0	1.0	1.0	1.0	1.0

WUG*	Management Supply Factor					
	2030	2040	2050	2060	2070	2080
Harris County MUD 5	1.0	1.1	1.1	1.2	1.2	1.2
Harris County MUD 50	1.5	1.5	1.5	1.5	1.5	1.5
Harris County MUD 504	1.0	1.0	1.0	1.1	1.1	1.1
Harris County MUD 55	2.7	2.8	2.8	2.9	2.9	2.9
Harris County MUD 58	1.0	1.0	1.0	1.0	1.0	1.0
Harris County MUD 6	1.1	1.0	1.0	1.0	1.0	1.0
Harris County MUD 8	1.2	1.2	1.2	1.2	1.2	1.2
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	1.1	1.1	1.1	1.1	1.2	1.2
Harris County WCID 133	1.0	1.0	1.0	1.0	1.0	1.0
Harris County WCID 156	1.3	1.3	1.3	1.3	1.3	1.3
Harris County WCID 161	2.3	2.4	2.4	2.4	2.4	2.5
Harris County WCID 50	1.0	1.0	1.0	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	3.9	3.9	3.9	4.0	4.0	4.0
Harris County WCID 96	2.1	1.9	1.7	1.7	1.7	1.7
Harris County WCID-Fondren Road	1.4	1.4	1.4	1.5	1.5	1.5
Harris-Montgomery Counties MUD 386	1.1	1.1	1.2	1.2	1.2	1.3
Hempstead	1.0	1.0	1.0	1.1	1.1	1.1
High Prairie WSC	1.1	1.2	1.3	1.3	1.3	1.3
Hillcrest Village	1.0	1.0	1.0	1.0	1.0	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	1.0	1.0	1.0
Hitchcock	2.3	2.8	2.8	2.8	2.8	2.8
HMW SUD	1.0	1.0	1.0	1.0	1.0	1.0
Houston	1.0	1.0	1.5	1.5	1.5	1.5
Humble	1.0	1.1	1.1	1.1	1.1	1.1
Huntsville	1.0	1.0	1.0	1.0	1.1	1.0
Irrigation, Austin	1.4	1.4	1.4	1.4	1.4	1.4
Irrigation, Brazoria	0.7	0.7	0.7	0.7	0.7	0.7
Irrigation, Chambers	1.5	1.7	1.7	1.7	1.7	1.7
Irrigation, Fort Bend	1.2	1.2	1.2	1.2	1.2	1.2
Irrigation, Galveston	0.3	0.3	0.3	0.3	0.3	0.3
Irrigation, Harris	1.5	1.5	1.5	1.5	1.5	1.5
Irrigation, Leon	1.2	1.2	1.2	1.2	1.2	1.2
Irrigation, Liberty	1.7	2.5	2.5	2.5	2.5	2.5

WUG*	Management Supply Factor					
	2030	2040	2050	2060	2070	2080
Irrigation, Madison	0.5	0.5	0.5	0.5	0.5	0.5
Irrigation, Montgomery	1.0	1.0	1.0	1.0	1.0	1.0
Irrigation, Polk	1.0	1.0	1.0	1.0	1.0	1.0
Irrigation, San Jacinto	1.7	1.7	1.7	1.7	1.7	1.7
Irrigation, Trinity	1.0	1.0	1.0	1.0	1.0	1.0
Irrigation, Walker	1.0	1.0	1.0	1.0	1.0	1.0
Irrigation, Waller	1.3	1.3	1.3	1.3	1.3	1.3
Jacinto City	1.6	1.6	1.5	1.5	1.5	1.6
Jamaica Beach	1.2	1.2	1.2	1.2	1.2	1.2
Jersey Village	1.0	1.0	1.0	1.1	1.1	1.1
Jewett	1.0	1.1	1.1	1.1	1.0	1.0
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
Keenan WSC	1.0	1.0	1.0	1.0	1.0	1.0
Kendleton	1.0	1.0	1.1	1.1	1.1	1.1
Kings Manor MUD	1.0	1.0	1.0	1.0	1.0	1.0
Kirkmont MUD	1.0	1.0	1.0	1.0	1.1	1.1
La Marque	1.1	1.2	1.2	1.2	1.2	1.2
La Porte	1.7	1.6	1.6	1.6	1.7	1.6
Lake Bonanza WSC	1.0	1.0	1.0	1.0	1.0	1.0
Lake Conroe Hills MUD	1.0	1.0	1.0	1.0	1.0	1.0
Lake Jackson	1.1	1.1	1.1	1.2	1.2	1.2
Lake Livingston WSC	2.1	2.1	2.1	2.1	2.1	2.1
Lake MUD	1.6	1.6	1.5	1.5	1.5	1.5
Lazy River Improvement District	1.0	1.0	1.0	1.0	1.0	1.0
League City	3.6	3.7	3.8	3.9	4.0	4.0
Leggett WSC	1.0	1.0	1.1	1.1	1.1	1.1
Liberty	1.0	1.1	1.1	1.1	1.1	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	0.9	0.8	0.8	0.8	0.8	0.8
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	0.4	0.2	0.2	0.2	0.2	0.2
Livestock, Leon	1.0	1.0	1.0	1.0	1.0	1.0
Livestock, Liberty	1.4	1.4	1.4	1.4	1.3	1.3
Livestock, Madison	0.0	0.0	0.0	0.0	0.0	0.0
Livestock, Montgomery	1.0	1.0	1.0	1.0	1.0	1.0

WUG*	Management Supply Factor					
	2030	2040	2050	2060	2070	2080
Livestock, Polk	1.0	1.0	1.0	1.0	1.0	1.0
Livestock, San Jacinto	1.0	1.0	1.0	1.0	1.0	1.0
Livestock, Trinity	1.0	1.0	1.0	1.0	1.0	1.0
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	1.3	1.2	1.2	1.2	1.2	1.1
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
Madisonville	1.0	1.0	1.1	1.2	1.2	1.2
Magnolia	1.0	1.0	1.0	1.0	1.0	1.0
Manufacturing, Austin	1.0	1.0	1.0	1.1	1.1	1.1
Manufacturing, Brazoria	1.5	1.4	1.4	1.4	1.3	1.3
Manufacturing, Chambers	1.4	1.3	1.3	1.3	1.3	1.2
Manufacturing, Fort Bend	1.5	1.4	1.4	1.4	1.4	1.4
Manufacturing, Galveston	1.7	1.9	1.9	1.8	1.8	1.7
Manufacturing, Harris	1.3	1.2	1.2	1.2	1.2	1.2
Manufacturing, Leon	1.0	1.1	1.1	1.1	1.0	1.0
Manufacturing, Liberty	1.0	1.0	1.0	1.0	1.0	1.1
Manufacturing, Montgomery	1.0	1.0	1.0	1.0	1.0	1.0
Manufacturing, Polk	2.0	2.0	2.0	2.0	2.0	2.0
Manufacturing, San Jacinto	1.0	1.0	1.0	1.0	1.0	1.0
Manufacturing, Walker	2.2	2.2	2.2	2.1	2.1	2.1
Manufacturing, Waller	1.1	1.1	1.1	1.1	1.1	1.1
Manvel	4.9	7.0	4.0	3.7	3.5	3.3
Mason Creek UD	1.0	1.0	1.0	1.0	1.0	1.0
Meadowcreek MUD	1.0	1.1	1.1	1.1	1.1	1.1
Meadows Place	1.1	1.1	1.0	1.0	1.1	1.1
Memorial Point UD	1.1	1.1	1.1	1.1	1.1	1.1
Memorial Villages Water Authority	1.0	1.0	1.0	1.0	1.0	1.0
Mercy WSC	1.0	1.1	1.1	1.1	1.1	1.1
Mining, Austin	1.8	1.7	1.5	1.3	1.2	1.1
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	30.1	26.2	23.2	20.9	19.9	18.2
Mining, Harris	1.0	1.0	1.0	1.0	1.0	1.0
Mining, Leon	1.0	1.0	1.0	1.0	1.0	1.0
Mining, Liberty	1.5	1.4	1.3	1.2	1.1	1.1
Mining, Madison	0.3	0.3	0.3	0.3	0.3	0.3
Mining, Montgomery	1.0	1.0	1.0	1.0	1.0	1.0

WUG*	Management Supply Factor					
	2030	2040	2050	2060	2070	2080
Mining, Polk	3.8	3.7	3.6	3.4	3.3	3.3
Mining, San Jacinto	2.3	2.3	2.3	2.3	2.3	2.3
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	9.5	8.3	7.9	7.8	7.5	7.3
Mont Belvieu	1.2	1.1	1.0	1.0	1.0	1.0
Montgomery	1.0	1.3	1.2	1.1	1.1	1.1
Montgomery County MUD 105	1.0	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	1.0	1.0	1.0	1.0	1.0
Montgomery County MUD 119	1.0	1.0	1.0	1.0	1.0	1.0
Montgomery County MUD 126	2.0	2.0	2.0	2.0	2.0	2.0
Montgomery County MUD 127	1.0	1.0	1.0	1.0	1.0	1.0
Montgomery County MUD 137	1.0	1.0	1.0	1.0	1.0	1.0
Montgomery County MUD 139	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	1.0	1.0	1.0	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 24	1.0	1.3	1.4	1.5	1.5	1.6
Montgomery County MUD 56	1.0	1.0	1.0	1.0	1.0	1.0
Montgomery County MUD 8	1.6	1.6	1.5	1.5	1.4	1.4
Montgomery County MUD 83	1.0	1.0	1.0	1.0	1.0	1.0
Montgomery County MUD 84	1.7	1.7	1.8	1.8	1.8	1.8
Montgomery County MUD 88	1.2	1.2	1.0	1.0	1.0	1.0
Montgomery County MUD 89	1.2	1.2	1.0	1.0	1.0	1.0
Montgomery County MUD 9	1.6	1.5	1.4	1.3	1.2	1.2
Montgomery County MUD 94	1.0	1.0	1.0	1.0	1.0	1.0
Montgomery County MUD 95	4.3	3.4	3.2	3.1	3.0	3.0
Montgomery County MUD 98	1.0	1.0	1.0	1.0	1.0	1.0
Montgomery County MUD 99	1.5	1.4	1.2	1.2	1.1	1.1
Montgomery County UD 2	1.0	1.0	1.0	1.0	1.0	1.0
Montgomery County UD 3	1.0	1.0	1.0	1.0	1.0	1.0
Montgomery County UD 4	1.2	1.1	1.0	1.0	1.0	1.0
Montgomery County WCID 1	1.0	1.0	1.0	1.0	1.0	1.0
Morgans Point	4.2	4.0	4.0	4.0	4.0	4.2
Moscow WSC	1.0	1.0	1.0	1.0	1.0	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

WUG*	Management Supply Factor					
	2030	2040	2050	2060	2070	2080
Nassau Bay	1.7	1.7	1.7	1.7	1.7	1.7
Needville	1.0	1.1	1.1	1.1	1.1	1.1
New Caney MUD	1.0	1.0	1.0	1.0	1.0	1.0
New Waverly	1.0	1.1	1.1	1.1	1.1	1.1
Newport MUD	1.7	1.6	1.5	1.5	1.5	1.5
Nitsch and Son Utility	1.0	1.0	1.0	1.0	1.0	1.0
Normangee	1.0	1.1	1.1	1.1	1.1	1.0
North Belt UD	1.0	1.0	1.0	1.0	1.0	1.0
North Channel Water Authority	1.0	1.0	1.0	1.0	1.0	1.0
North Forest MUD	1.0	1.0	1.0	1.0	1.0	1.0
North Fort Bend Water Authority	1.3	1.8	1.7	1.6	1.5	1.5
North Green MUD	1.1	1.0	1.0	1.0	1.0	1.0
North Harris County Regional Water Authority	1.2	1.5	1.5	1.5	1.4	1.4
North Zulch MUD	1.0	1.0	1.1	1.2	1.2	1.2
Northeast Harris County MUD 1	1.0	1.0	1.0	1.0	1.0	1.0
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	1.0	1.0	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	1.2	1.2	1.2
Oyster Creek	1.1	1.1	1.2	1.2	1.3	1.3
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	1.0	1.0	1.0	1.1
Palmer Plantation MUD 2	1.0	1.1	1.1	1.1	1.1	1.1
Panorama Village	1.0	1.0	1.1	1.0	1.0	1.0
Parkway MUD	1.0	1.1	1.1	1.1	1.1	1.1
Pasadena	1.7	1.7	1.7	1.7	1.7	1.7
Pattison WSC	1.1	1.1	1.1	1.2	1.2	1.3
Patton Village	1.0	1.0	1.0	1.0	1.0	1.0
Pearland	2.1	1.9	1.9	1.9	1.8	1.8
Pecan Grove MUD 1	1.6	1.6	1.5	1.5	1.5	1.5
Pennington WSC	1.0	1.0	1.0	1.0	1.0	1.0
Phelps SUD	1.0	1.1	1.1	1.1	1.1	1.1
Pine Village PUD	2.3	2.1	2.1	2.1	2.1	2.1
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	1.1	1.1	1.1	1.1	1.1	1.1
Point Aquarius MUD	1.0	1.0	1.0	1.0	1.0	1.0
Porter SUD	1.0	1.0	1.0	1.0	1.0	1.0

WUG*	Management Supply Factor					
	2030	2040	2050	2060	2070	2080
Prairie View	1.0	1.0	1.0	1.0	1.0	1.0
Prairie View A&M University	1.0	1.1	1.1	1.1	1.1	1.1
Providence WSC	1.0	1.0	1.0	1.0	1.0	1.0
Quadvest	1.0	1.1	1.0	1.0	1.1	1.1
Quail Valley UD	1.4	1.4	1.4	1.4	1.4	1.4
Ranch Crest Water	1.0	1.0	1.0	1.0	1.0	1.0
Rayford Road MUD	1.0	1.0	1.0	1.0	1.0	1.0
Raywood WSC	1.1	1.1	1.1	1.2	1.2	1.2
Richmond	1.0	1.1	1.0	1.0	1.0	1.0
Richwood	1.5	1.5	1.5	1.5	1.5	1.6
River Plantation MUD	1.0	1.0	1.0	1.0	1.0	1.0
Riverside SUD	1.1	1.1	1.1	1.2	1.2	1.2
Rolling Fork PUD	1.0	1.0	1.0	1.0	1.0	1.0
Roman Forest Consolidated MUD	1.0	1.0	1.0	1.0	1.0	1.0
Rosenberg	1.0	1.1	1.1	1.2	1.2	1.2
Royal Valley Utilities	1.0	1.0	1.0	1.1	1.1	1.1
Sagemeadow UD	1.3	1.3	1.3	1.4	1.3	1.3
San Jacinto SUD	1.0	1.1	1.1	1.1	1.1	1.1
San Leon MUD	2.1	2.5	2.5	2.5	2.5	2.4
Seabrook	1.3	1.3	1.3	1.3	1.3	1.3
Sealy	1.0	1.0	1.0	1.0	1.0	1.0
Sedona Lakes MUD 1	1.1	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	1.2	1.3	1.3	1.4	1.4	1.4
Sienna Plantation	1.6	1.6	1.5	1.5	1.5	1.5
Soda WSC	1.0	1.1	1.1	1.2	1.2	1.2
South Cleveland WSC	1.0	1.1	1.1	1.4	1.2	1.0
South Houston	2.5	2.5	2.5	2.5	2.5	2.5
Southeast WSC	1.0	1.1	1.1	1.1	1.1	1.1
Southern Montgomery County MUD	1.0	1.0	1.0	1.0	1.0	1.0
Southern Water	1.0	1.0	1.0	1.0	1.0	1.0
Southside Place	1.0	1.1	1.1	1.1	1.1	1.1
Southwest Harris County MUD 1	1.5	1.4	1.4	1.4	1.4	1.4
Splendora	1.3	1.1	1.4	1.1	1.0	1.0
Spring Creek UD	1.2	1.2	1.0	1.0	1.0	1.0
Spring Meadows MUD	1.0	1.1	1.1	1.1	1.1	1.1
Spring Valley	1.5	1.3	1.3	1.3	1.3	1.3

WUG*	Management Supply Factor					
	2030	2040	2050	2060	2070	2080
Stanley Lake MUD	1.0	1.0	1.0	1.0	1.0	1.0
Steam-Electric Power, Austin	1.0	1.0	1.0	1.0	1.0	1.0
Steam-Electric Power, Chambers	1.6	1.6	1.6	1.6	1.6	1.6
Steam-Electric Power, Fort Bend	1.8	2.3	2.3	2.4	2.4	2.4
Steam-Electric Power, Galveston	1.0	1.0	1.0	1.0	1.0	1.0
Steam-Electric Power, Harris	1.0	1.0	1.0	1.0	1.0	1.0
Steam-Electric Power, Montgomery	1.2	1.2	1.2	1.2	1.1	1.0
Suburban Utility	1.0	1.0	1.0	1.0	1.0	1.0
Sugar Land	1.1	1.1	1.1	1.1	1.2	1.2
Sunbelt FWSD	1.6	1.4	1.4	1.5	1.5	1.5
Surfside Beach	1.9	2.0	2.0	2.1	2.2	2.3
Sweeny	1.0	1.0	1.0	1.0	1.0	1.0
T & W Water Service	1.0	1.0	1.0	1.0	1.0	1.0
Tarkington SUD	1.0	1.1	1.1	1.1	1.1	1.1
TDCJ Darrington Unit	1.0	1.0	1.0	1.0	1.0	1.0
TDCJ Ferguson Unit	1.0	1.0	1.0	1.0	1.0	1.0
TDCJ Jester Units	1.0	1.0	1.0	1.0	1.0	1.0
TDCJ Ramsey Area	1.1	1.1	1.0	1.0	1.0	1.0
Tempe WSC 1	1.0	1.1	1.1	1.1	1.1	1.1
Texas City	2.7	2.9	2.9	2.9	2.8	2.8
The Commons Water Supply	1.0	1.0	1.0	1.0	1.0	1.0
The Woodlands	1.0	1.0	1.0	1.0	1.0	1.0
Thunderbird UD	1.0	1.1	1.1	1.1	1.1	1.1
Tomball	1.0	1.0	1.0	1.0	1.0	1.0
Trail of the Lakes MUD	1.0	1.1	1.1	1.1	1.1	1.1
Trinity	2.6	2.8	3.0	3.2	3.4	3.6
Trinity Bay Conservation District	1.3	1.3	1.3	1.3	1.3	1.3
Trinity Rural WSC	2.1	2.3	2.5	2.6	2.7	2.9
Valley Ranch MUD 1	1.0	1.1	1.2	1.3	1.3	1.4
Varner Creek UD	1.0	1.0	1.0	1.0	1.0	1.0
Walker County SUD	1.1	1.1	1.1	1.1	1.1	1.1
Waller	3.5	3.9	3.8	3.7	3.6	3.6
Wallis	1.0	1.1	1.1	1.1	1.1	1.1
Waterwood MUD 1	3.1	3.1	3.2	3.2	3.3	3.4
Webster	1.7	1.7	1.8	1.8	1.8	1.8
West Columbia	1.0	1.0	1.0	1.0	1.0	1.0
West End WSC	1.0	1.1	1.1	1.1	1.2	1.2
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	1.9	1.9	1.9	1.8	1.7
West University Place	1.0	1.1	1.1	1.1	1.1	1.1
Westfield Garden Park	1.0	1.0	1.0	1.0	1.0	1.0

WUG*	Management Supply Factor					
	2030	2040	2050	2060	2070	2080
Westwood North WSC	1.0	1.0	1.0	1.0	1.0	1.0
Westwood Shores MUD	2.5	2.7	2.9	3.1	3.2	3.4
White Oak WSC	1.0	1.0	1.0	1.0	1.0	1.0
Willis	1.8	1.8	1.7	1.6	1.6	1.6
Willow Creek Farms MUD	1.0	1.0	1.0	1.0	1.0	1.0
Windfern Forest Utility District	1.0	1.0	1.0	1.0	1.0	1.0
Wood Branch Village	1.0	1.0	1.0	1.0	1.0	1.0
Wood Trace MUD 1	1.0	1.0	1.0	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	1.0	1.0	1.0	1.0	1.0
Woodland Oaks Utility	1.0	1.0	1.0	1.0	1.0	1.0
Woodridge MUD	1.0	1.1	1.2	1.3	1.3	1.4

**Reflects only the portions of split WUGs within Region H.*

Table 5-A14 – MWP Management Supply Factors

MWP*	Management Supply Factor					
	2030	2040	2050	2060	2070	2080
Brazos River Authority	1.0	1.0	1.1	1.1	1.1	1.1
Brazosport Water Authority	1.6	1.6	1.5	1.5	1.5	1.5
Chambers-Liberty Counties Navigation District	1.0	1.0	1.0	1.0	1.0	1.0
Dow Inc	1.4	1.4	1.3	1.3	1.3	1.2
Gulf Coast Water Authority	1.3	1.4	1.5	1.5	1.5	1.5
Houston	1.1	1.2	1.3	1.3	1.3	1.3
Huntsville	1.0	1.0	1.0	1.0	1.1	1.0
Lower Neches Valley Authority	1.2	2.3	2.3	2.3	2.3	2.3
Missouri City	1.3	1.3	1.3	1.3	1.3	1.3
North Fort Bend Water Authority	1.3	1.7	1.7	1.6	1.5	1.4
North Harris County Regional Water Authority	1.2	1.5	1.5	1.5	1.4	1.4
NRG	1.0	1.0	1.0	1.0	1.0	1.0
San Jacinto River Authority	1.1	1.1	1.1	1.1	1.1	1.1
Trinity River Authority	1.0	1.0	1.0	1.0	1.0	1.0
West Harris County Regional Water Authority	1.1	1.9	1.9	1.9	1.8	1.7

**The Management Supply Factors shown in this table reflect total MWP-related water supply allocations divided by MWP demand. MWP-level surpluses which remain unassigned to a WUG are excluded from the calculation. Values in this table represent MWP Management Supply Factors within Region H only and do not include demands, supplies, or projects for other regions.*

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Table 5-A15 – Unmet WUG Water Need*

Water User Group	County	Basin	Type	Unmet Water Need (ac ft)					
				2030	2040	2050	2060	2070	2080
Alvin	Brazoria	San Jacinto-Brazos	Municipal	0	0	0	0	0	0
Ames Minglewood WSC	Liberty	Trinity	Municipal	0	0	0	0	0	0
Anahuac	Chambers	Neches-Trinity	Municipal	0	0	0	0	0	0
Anahuac	Chambers	Trinity	Municipal	0	0	0	0	0	0
Angleton	Brazoria	San Jacinto-Brazos	Municipal	0	0	0	0	0	0
Austin County WSC	Austin	Brazos	Municipal	0	0	0	0	0	0
Austin County WSC	Austin	Brazos-Colorado	Municipal	0	0	0	0	0	0
Bacliff MUD	Galveston	San Jacinto-Brazos	Municipal	0	0	0	0	0	0
Baker Road MUD	Harris	San Jacinto	Municipal	0	0	0	0	0	0
Baybrook MUD 1	Harris	San Jacinto-Brazos	Municipal	0	0	0	0	0	0
Baytown	Chambers	Trinity	Municipal	0	0	0	0	0	0
Baytown	Chambers	Trinity-San Jacinto	Municipal	0	0	0	0	0	0
Baytown	Harris	San Jacinto	Municipal	0	0	0	0	0	0
Baytown	Harris	Trinity-San Jacinto	Municipal	0	0	0	0	0	0
Bayview MUD	Galveston	San Jacinto-Brazos	Municipal	0	0	0	0	0	0
Bellaire	Harris	San Jacinto	Municipal	0	0	0	0	0	0
Bellville	Austin	Brazos	Municipal	0	0	0	0	0	0
Blaketree MUD 1 of Montgomery County	Montgomery	San Jacinto	Municipal	0	0	0	0	0	0
Blue Bell Manor Utility	Harris	San Jacinto	Municipal	0	0	0	0	0	0
Blue Ridge West MUD	Fort Bend	San Jacinto	Municipal	0	0	0	0	0	0
Bolivar Peninsula SUD	Galveston	Neches-Trinity	Municipal	0	0	0	0	0	0
Brazoria	Brazoria	Brazos	Municipal	0	0	0	0	0	0
Brazoria	Brazoria	Brazos-Colorado	Municipal	0	0	0	0	0	0
Brazoria County FWSD 1	Brazoria	Brazos	Municipal	0	0	0	0	0	0
Brazoria County FWSD 1	Brazoria	Brazos-Colorado	Municipal	0	0	0	0	0	0
Brazoria County MUD 2	Brazoria	San Jacinto-Brazos	Municipal	0	0	0	0	0	0

Water User Group	County	Basin	Type	Unmet Water Need (ac ft)					
				2030	2040	2050	2060	2070	2080
Brazoria County MUD 21	Brazoria	San Jacinto-Brazos	Municipal	0	0	0	0	0	0
Brazoria County MUD 22	Brazoria	San Jacinto-Brazos	Municipal	0	0	0	0	0	0
Brazoria County MUD 25	Brazoria	San Jacinto-Brazos	Municipal	0	0	0	0	0	0
Brazoria County MUD 29	Brazoria	San Jacinto-Brazos	Municipal	0	0	0	0	0	0
Brazoria County MUD 3	Brazoria	San Jacinto-Brazos	Municipal	0	0	0	0	0	0
Brazoria County MUD 31	Brazoria	San Jacinto-Brazos	Municipal	0	0	0	0	0	0
Brazoria County MUD 39	Brazoria	San Jacinto-Brazos	Municipal	0	0	0	0	0	0
Brazoria County MUD 55	Brazoria	San Jacinto-Brazos	Municipal	0	0	0	0	0	0
Brazoria County MUD 6	Brazoria	San Jacinto-Brazos	Municipal	0	0	0	0	0	0
Brookshire MWD	Waller	Brazos	Municipal	0	0	0	0	0	0
Buffalo	Leon	Trinity	Municipal	0	0	0	0	0	0
Bunker Hill Village	Harris	San Jacinto	Municipal	0	0	0	0	0	0
C C Water Works	Chambers	Trinity	Municipal	0	0	0	0	0	0
C C Water Works	Chambers	Trinity-San Jacinto	Municipal	0	0	0	0	0	0
Cape Royale UD	San Jacinto	Trinity	Municipal	0	0	0	0	0	0
Centerville	Leon	Trinity	Municipal	0	0	0	0	0	0
Central Harris County Regional Water Authority	Harris	San Jacinto	Municipal	0	0	0	0	0	0
Chambers County MUD 1	Chambers	Trinity-San Jacinto	Municipal	0	0	0	0	0	0
Chateau Woods MUD	Montgomery	San Jacinto	Municipal	0	0	0	0	0	0
Chimney Hill MUD	Harris	San Jacinto	Municipal	0	0	0	0	0	0
Clear Brook City MUD	Harris	San Jacinto-Brazos	Municipal	0	0	0	0	0	0
Clear Lake City Water Authority	Harris	San Jacinto-Brazos	Municipal	0	0	0	0	0	0
Cleveland	Liberty	San Jacinto	Municipal	0	0	0	0	0	0
Clute	Brazoria	San Jacinto-Brazos	Municipal	0	0	0	0	0	0
Concord-Robbins WSC	Leon	Brazos	Municipal	0	0	0	0	0	0
Concord-Robbins WSC	Leon	Trinity	Municipal	0	0	0	0	0	0
Conroe	Montgomery	San Jacinto	Municipal	0	0	0	0	0	0

Water User Group	County	Basin	Type	Unmet Water Need (ac ft)					
				2030	2040	2050	2060	2070	2080
Conroe Resort Utilities	Montgomery	San Jacinto	Municipal	0	0	0	0	0	0
Corinthian Point MUD 2	Montgomery	San Jacinto	Municipal	0	0	0	0	0	0
Country Terrace Water	Harris	San Jacinto	Municipal	0	0	0	0	0	0
County-Other, Austin	Austin	Brazos	Municipal	0	0	0	0	0	0
County-Other, Austin	Austin	Brazos-Colorado	Municipal	0	0	0	0	0	0
County-Other, Austin	Austin	Colorado	Municipal	0	0	0	0	0	0
County-Other, Brazoria	Brazoria	Brazos	Municipal	0	0	0	0	0	0
County-Other, Brazoria	Brazoria	Brazos-Colorado	Municipal	0	0	0	0	0	0
County-Other, Brazoria	Brazoria	San Jacinto-Brazos	Municipal	0	0	0	0	0	0
County-Other, Chambers	Chambers	Neches-Trinity	Municipal	0	0	0	0	0	0
County-Other, Chambers	Chambers	Trinity	Municipal	0	0	0	0	0	0
County-Other, Chambers	Chambers	Trinity-San Jacinto	Municipal	0	0	0	0	0	0
County-Other, Fort Bend	Fort Bend	Brazos	Municipal	0	0	0	0	0	0
County-Other, Fort Bend	Fort Bend	Brazos-Colorado	Municipal	0	0	0	0	0	0
County-Other, Fort Bend	Fort Bend	San Jacinto	Municipal	0	0	0	0	0	0
County-Other, Fort Bend	Fort Bend	San Jacinto-Brazos	Municipal	0	0	0	0	0	0
County-Other, Galveston	Galveston	San Jacinto-Brazos	Municipal	0	0	0	0	0	0
County-Other, Harris	Harris	San Jacinto	Municipal	0	0	0	0	0	0
County-Other, Harris	Harris	San Jacinto-Brazos	Municipal	0	0	0	0	0	0
County-Other, Harris	Harris	Trinity-San Jacinto	Municipal	0	0	0	0	0	0
County-Other, Leon	Leon	Brazos	Municipal	0	0	0	0	0	0
County-Other, Leon	Leon	Trinity	Municipal	0	0	0	0	0	0
County-Other, Liberty	Liberty	Neches	Municipal	0	0	0	0	0	0
County-Other, Liberty	Liberty	Neches-Trinity	Municipal	0	0	0	0	0	0
County-Other, Liberty	Liberty	San Jacinto	Municipal	0	0	0	0	0	0
County-Other, Liberty	Liberty	Trinity	Municipal	0	0	0	0	0	0
County-Other, Liberty	Liberty	Trinity-San Jacinto	Municipal	0	0	0	0	0	0
County-Other, Madison	Madison	Brazos	Municipal	0	0	0	0	0	0

Water User Group	County	Basin	Type	Unmet Water Need (ac ft)					
				2030	2040	2050	2060	2070	2080
County-Other, Madison	Madison	Trinity	Municipal	0	0	0	0	0	0
County-Other, Montgomery	Montgomery	San Jacinto	Municipal	0	0	0	0	0	0
County-Other, Polk	Polk	Trinity	Municipal	0	0	0	0	0	0
County-Other, Polk	Polk	Neches	Municipal	0	0	0	0	0	0
County-Other, San Jacinto	San Jacinto	San Jacinto	Municipal	0	0	0	0	0	0
County-Other, San Jacinto	San Jacinto	Trinity	Municipal	0	0	0	0	0	0
County-Other, Trinity	Trinity	Trinity	Municipal	0	0	0	0	0	0
County-Other, Walker	Walker	San Jacinto	Municipal	0	0	0	0	0	0
County-Other, Walker	Walker	Trinity	Municipal	0	0	0	0	0	0
County-Other, Waller	Waller	Brazos	Municipal	0	0	0	0	0	0
County-Other, Waller	Waller	San Jacinto	Municipal	0	0	0	0	0	0
Crosby MUD	Harris	San Jacinto	Municipal	0	0	0	0	0	0
Cut & Shoot	Montgomery	San Jacinto	Municipal	0	0	0	0	0	0
Daisetta	Liberty	Neches	Municipal	0	0	0	0	0	0
Danbury	Brazoria	San Jacinto-Brazos	Municipal	0	0	0	0	0	0
Dayton	Liberty	Trinity	Municipal	0	0	0	0	0	0
Dayton	Liberty	Trinity-San Jacinto	Municipal	0	0	0	0	0	0
Deer Park	Harris	San Jacinto	Municipal	0	0	0	0	0	0
Deer Park	Harris	San Jacinto-Brazos	Municipal	0	0	0	0	0	0
Devers	Liberty	Neches	Municipal	0	0	0	0	0	0
Devers	Liberty	Trinity	Municipal	0	0	0	0	0	0
Dobbin Plantersville WSC	Grimes	Brazos	Municipal	0	0	0	0	0	0
Dobbin Plantersville WSC	Grimes	San Jacinto	Municipal	0	0	0	0	0	0
Dobbin Plantersville WSC	Montgomery	San Jacinto	Municipal	0	0	0	0	0	0
Dodge Oakhurst WSC	San Jacinto	San Jacinto	Municipal	0	0	0	0	0	0
Dodge Oakhurst WSC	San Jacinto	Trinity	Municipal	0	0	0	0	0	0
Dodge Oakhurst WSC	Walker	San Jacinto	Municipal	0	0	0	0	0	0
Dodge Oakhurst WSC	Walker	Trinity	Municipal	0	0	0	0	0	0

Water User Group	County	Basin	Type	Unmet Water Need (ac ft)					
				2030	2040	2050	2060	2070	2080
Domestic Water	Montgomery	San Jacinto	Municipal	0	0	0	0	0	0
Douglas Utility	Harris	San Jacinto	Municipal	0	0	0	0	0	0
East Montgomery County MUD 6	Montgomery	San Jacinto	Municipal	0	0	0	0	0	0
East Plantation UD	Montgomery	San Jacinto	Municipal	0	0	0	0	0	0
El Dorado UD	Harris	San Jacinto	Municipal	0	0	0	0	0	0
Far Hills UD	Montgomery	San Jacinto	Municipal	0	0	0	0	0	0
First Colony MUD 9	Fort Bend	Brazos	Municipal	0	0	0	0	0	0
First Colony MUD 9	Fort Bend	San Jacinto-Brazos	Municipal	0	0	0	0	0	0
Flo Community WSC	Freestone	Trinity	Municipal	0	0	0	0	0	0
Flo Community WSC	Leon	Trinity	Municipal	0	0	0	0	0	0
Forest Hills MUD	Harris	San Jacinto	Municipal	0	0	0	0	0	0
Fort Bend County FWSD 1	Brazoria	San Jacinto-Brazos	Municipal	0	0	0	0	0	0
Fort Bend County FWSD 1	Fort Bend	San Jacinto-Brazos	Municipal	0	0	0	0	0	0
Fort Bend County FWSD 2	Fort Bend	Brazos	Municipal	0	0	0	0	0	0
Fort Bend County FWSD 2	Fort Bend	San Jacinto	Municipal	0	0	0	0	0	0
Fort Bend County FWSD 2	Fort Bend	San Jacinto-Brazos	Municipal	0	0	0	0	0	0
Fort Bend County MUD 115	Fort Bend	Brazos	Municipal	0	0	0	0	0	0
Fort Bend County MUD 116	Fort Bend	Brazos	Municipal	0	0	0	0	0	0
Fort Bend County MUD 121	Fort Bend	Brazos	Municipal	0	0	0	0	0	0
Fort Bend County MUD 128	Fort Bend	Brazos	Municipal	0	0	0	0	0	0
Fort Bend County MUD 129	Fort Bend	Brazos	Municipal	0	0	0	0	0	0
Fort Bend County MUD 131	Fort Bend	San Jacinto-Brazos	Municipal	0	0	0	0	0	0
Fort Bend County MUD 140	Fort Bend	Brazos	Municipal	0	0	0	0	0	0
Fort Bend County MUD 149	Fort Bend	Brazos	Municipal	0	0	0	0	0	0
Fort Bend County MUD 152	Fort Bend	Brazos	Municipal	0	0	0	0	0	0
Fort Bend County MUD 155	Fort Bend	Brazos	Municipal	0	0	0	0	0	0
Fort Bend County MUD 158	Fort Bend	Brazos	Municipal	0	0	0	0	0	0
Fort Bend County MUD 162	Fort Bend	Brazos	Municipal	0	0	0	0	0	0

Water User Group	County	Basin	Type	Unmet Water Need (ac ft)					
				2030	2040	2050	2060	2070	2080
Fort Bend County MUD 23	Fort Bend	San Jacinto-Brazos	Municipal	0	0	0	0	0	0
Fort Bend County MUD 24	Fort Bend	San Jacinto-Brazos	Municipal	0	0	0	0	0	0
Fort Bend County MUD 25	Fort Bend	Brazos	Municipal	0	0	0	0	0	0
Fort Bend County MUD 25	Fort Bend	San Jacinto-Brazos	Municipal	0	0	0	0	0	0
Fort Bend County MUD 26	Fort Bend	San Jacinto	Municipal	0	0	0	0	0	0
Fort Bend County MUD 26	Fort Bend	San Jacinto-Brazos	Municipal	0	0	0	0	0	0
Fort Bend County MUD 42	Fort Bend	San Jacinto-Brazos	Municipal	0	0	0	0	0	0
Fort Bend County MUD 46	Fort Bend	Brazos	Municipal	0	0	0	0	0	0
Fort Bend County MUD 46	Fort Bend	San Jacinto-Brazos	Municipal	0	0	0	0	0	0
Fort Bend County MUD 47	Fort Bend	San Jacinto-Brazos	Municipal	0	0	0	0	0	0
Fort Bend County MUD 48	Fort Bend	San Jacinto-Brazos	Municipal	0	0	0	0	0	0
Fort Bend County MUD 49	Fort Bend	Brazos	Municipal	0	0	0	0	0	0
Fort Bend County MUD 49	Fort Bend	San Jacinto-Brazos	Municipal	0	0	0	0	0	0
Fort Bend County MUD 5	Fort Bend	Brazos	Municipal	0	0	0	0	0	0
Fort Bend County MUD 81	Fort Bend	Brazos	Municipal	0	0	0	0	0	0
Fort Bend County WCID 2	Fort Bend	San Jacinto	Municipal	0	0	0	0	0	0
Fort Bend County WCID 2	Fort Bend	San Jacinto-Brazos	Municipal	0	0	0	0	0	0
Fort Bend County WCID 2	Harris	San Jacinto	Municipal	0	0	0	0	0	0
Fort Bend County WCID 3	Fort Bend	Brazos	Municipal	0	0	0	0	0	0
Freeport	Brazoria	Brazos	Municipal	0	0	0	0	0	0
Freeport	Brazoria	Brazos-Colorado	Municipal	0	0	0	0	0	0
Freeport	Brazoria	San Jacinto-Brazos	Municipal	0	0	0	0	0	0
Friendswood	Galveston	San Jacinto-Brazos	Municipal	0	0	0	0	0	0
Friendswood	Harris	San Jacinto-Brazos	Municipal	0	0	0	0	0	0
Fulshear	Fort Bend	Brazos	Municipal	0	0	0	0	0	0
Fulshear	Fort Bend	San Jacinto	Municipal	0	0	0	0	0	0
Fulshear	Fort Bend	San Jacinto-Brazos	Municipal	0	0	0	0	0	0
G & W WSC	Grimes	Brazos	Municipal	0	0	0	0	0	0

Water User Group	County	Basin	Type	Unmet Water Need (ac ft)					
				2030	2040	2050	2060	2070	2080
G & W WSC	Grimes	San Jacinto	Municipal	0	0	0	0	0	0
G & W WSC	Montgomery	San Jacinto	Municipal	0	0	0	0	0	0
G & W WSC	Waller	Brazos	Municipal	0	0	0	0	0	0
G & W WSC	Waller	San Jacinto	Municipal	0	0	0	0	0	0
Galena Park	Harris	San Jacinto	Municipal	0	0	0	0	0	0
Galveston	Galveston	San Jacinto-Brazos	Municipal	0	0	0	0	0	0
Galveston County FWSD 6	Galveston	San Jacinto-Brazos	Municipal	0	0	0	0	0	0
Galveston County MUD 12	Galveston	San Jacinto-Brazos	Municipal	0	0	0	0	0	0
Galveston County WCID 1	Galveston	San Jacinto-Brazos	Municipal	0	0	0	0	0	0
Galveston County WCID 12	Galveston	San Jacinto-Brazos	Municipal	0	0	0	0	0	0
Galveston County WCID 8	Galveston	San Jacinto-Brazos	Municipal	0	0	0	0	0	0
Glendale WSC	Trinity	Trinity	Municipal	0	0	0	0	0	0
Grand Oaks MUD	Montgomery	San Jacinto	Municipal	0	0	0	0	0	0
Green Trails MUD	Harris	San Jacinto	Municipal	0	0	0	0	0	0
Greenwood UD	Harris	San Jacinto	Municipal	0	0	0	0	0	0
Groveton	Trinity	Trinity	Municipal	0	0	0	0	0	0
Groveton	Trinity	Neches	Municipal	0	0	0	0	0	0
Hardin WSC	Liberty	Neches	Municipal	0	0	0	0	0	0
Hardin WSC	Liberty	Trinity	Municipal	0	0	0	0	0	0
Harris County FWSD 1-A	Harris	San Jacinto	Municipal	0	0	0	0	0	0
Harris County FWSD 27	Harris	San Jacinto	Municipal	0	0	0	0	0	0
Harris County FWSD 58	Harris	San Jacinto	Municipal	0	0	0	0	0	0
Harris County MUD 106	Harris	San Jacinto	Municipal	0	0	0	0	0	0
Harris County MUD 11	Harris	San Jacinto	Municipal	0	0	0	0	0	0
Harris County MUD 119	Harris	San Jacinto	Municipal	0	0	0	0	0	0
Harris County MUD 122	Harris	San Jacinto	Municipal	0	0	0	0	0	0
Harris County MUD 132	Harris	San Jacinto	Municipal	0	0	0	0	0	0
Harris County MUD 148	Harris	San Jacinto	Municipal	0	0	0	0	0	0

Water User Group	County	Basin	Type	Unmet Water Need (ac ft)					
				2030	2040	2050	2060	2070	2080
Harris County MUD 151	Harris	San Jacinto	Municipal	0	0	0	0	0	0
Harris County MUD 152	Harris	San Jacinto	Municipal	0	0	0	0	0	0
Harris County MUD 153	Harris	San Jacinto	Municipal	0	0	0	0	0	0
Harris County MUD 154	Harris	San Jacinto	Municipal	0	0	0	0	0	0
Harris County MUD 180	Harris	San Jacinto	Municipal	0	0	0	0	0	0
Harris County MUD 189	Harris	San Jacinto	Municipal	0	0	0	0	0	0
Harris County MUD 216	Harris	San Jacinto	Municipal	0	0	0	0	0	0
Harris County MUD 221	Harris	San Jacinto	Municipal	0	0	0	0	0	0
Harris County MUD 23	Harris	San Jacinto	Municipal	0	0	0	0	0	0
Harris County MUD 261	Harris	San Jacinto	Municipal	0	0	0	0	0	0
Harris County MUD 278	Harris	San Jacinto	Municipal	0	0	0	0	0	0
Harris County MUD 290	Harris	San Jacinto	Municipal	0	0	0	0	0	0
Harris County MUD 321	Harris	San Jacinto	Municipal	0	0	0	0	0	0
Harris County MUD 342	Harris	San Jacinto	Municipal	0	0	0	0	0	0
Harris County MUD 344	Harris	San Jacinto	Municipal	0	0	0	0	0	0
Harris County MUD 345	Harris	San Jacinto	Municipal	0	0	0	0	0	0
Harris County MUD 36	Harris	San Jacinto	Municipal	0	0	0	0	0	0
Harris County MUD 361	Harris	San Jacinto	Municipal	0	0	0	0	0	0
Harris County MUD 372	Harris	San Jacinto	Municipal	0	0	0	0	0	0
Harris County MUD 400	Harris	San Jacinto	Municipal	0	0	0	0	0	0
Harris County MUD 412	Harris	San Jacinto	Municipal	0	0	0	0	0	0
Harris County MUD 420	Harris	San Jacinto	Municipal	0	0	0	0	0	0
Harris County MUD 46	Harris	San Jacinto	Municipal	0	0	0	0	0	0
Harris County MUD 49	Harris	San Jacinto	Municipal	0	0	0	0	0	0
Harris County MUD 494	Harris	San Jacinto	Municipal	0	0	0	0	0	0
Harris County MUD 5	Harris	San Jacinto	Municipal	0	0	0	0	0	0
Harris County MUD 50	Harris	San Jacinto	Municipal	0	0	0	0	0	0
Harris County MUD 504	Harris	San Jacinto	Municipal	0	0	0	0	0	0

Water User Group	County	Basin	Type	Unmet Water Need (ac ft)					
				2030	2040	2050	2060	2070	2080
Harris County MUD 55	Harris	San Jacinto-Brazos	Municipal	0	0	0	0	0	0
Harris County MUD 58	Harris	San Jacinto	Municipal	0	0	0	0	0	0
Harris County MUD 6	Harris	San Jacinto	Municipal	0	0	0	0	0	0
Harris County MUD 8	Harris	San Jacinto	Municipal	0	0	0	0	0	0
Harris County MUD 96	Harris	San Jacinto	Municipal	0	0	0	0	0	0
Harris County UD 14	Harris	San Jacinto	Municipal	0	0	0	0	0	0
Harris County UD 15	Harris	San Jacinto	Municipal	0	0	0	0	0	0
Harris County WCID 1	Harris	San Jacinto	Municipal	0	0	0	0	0	0
Harris County WCID 133	Harris	San Jacinto	Municipal	0	0	0	0	0	0
Harris County WCID 156	Harris	San Jacinto-Brazos	Municipal	0	0	0	0	0	0
Harris County WCID 161	Harris	San Jacinto-Brazos	Municipal	0	0	0	0	0	0
Harris County WCID 50	Harris	San Jacinto-Brazos	Municipal	0	0	0	0	0	0
Harris County WCID 70	Harris	San Jacinto	Municipal	0	0	0	0	0	0
Harris County WCID 74	Harris	San Jacinto	Municipal	0	0	0	0	0	0
Harris County WCID 89	Harris	San Jacinto-Brazos	Municipal	0	0	0	0	0	0
Harris County WCID 96	Harris	San Jacinto	Municipal	0	0	0	0	0	0
Harris County WCID-Fondren Road	Harris	San Jacinto	Municipal	0	0	0	0	0	0
Harris-Montgomery Counties MUD 386	Montgomery	San Jacinto	Municipal	0	0	0	0	0	0
Hempstead	Waller	Brazos	Municipal	0	0	0	0	0	0
High Prairie WSC	Leon	Brazos	Municipal	0	0	0	0	0	0
High Prairie WSC	Madison	Brazos	Municipal	0	0	0	0	0	0
High Prairie WSC	Madison	Trinity	Municipal	0	0	0	0	0	0
Hillcrest Village	Brazoria	San Jacinto-Brazos	Municipal	0	0	0	0	0	0
Hilltop Lakes WSC	Leon	Brazos	Municipal	0	0	0	0	0	0
Hilshire Village	Harris	San Jacinto	Municipal	0	0	0	0	0	0
Hitchcock	Galveston	San Jacinto-Brazos	Municipal	0	0	0	0	0	0
HMW SUD	Harris	San Jacinto	Municipal	0	0	0	0	0	0
HMW SUD	Montgomery	San Jacinto	Municipal	0	0	0	0	0	0

Water User Group	County	Basin	Type	Unmet Water Need (ac ft)					
				2030	2040	2050	2060	2070	2080
Houston	Fort Bend	San Jacinto	Municipal	0	0	0	0	0	0
Houston	Fort Bend	San Jacinto-Brazos	Municipal	0	0	0	0	0	0
Houston	Harris	San Jacinto	Municipal	0	0	0	0	0	0
Houston	Harris	San Jacinto-Brazos	Municipal	0	0	0	0	0	0
Houston	Montgomery	San Jacinto	Municipal	0	0	0	0	0	0
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	31,996	32,310	32,402	32,480	32,508	32,526
Irrigation, Chambers	Chambers	Neches-Trinity	Irrigation	0	0	0	0	0	0
Irrigation, Chambers	Chambers	Trinity	Irrigation	2,904	2,904	2,904	2,904	2,904	2,904
Irrigation, Chambers	Chambers	Trinity-San Jacinto	Irrigation	1,016	1,016	1,016	1,016	1,016	1,016
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	5,376	5,376	5,376	5,376	5,376	5,376
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
Irrigation, Liberty	Liberty	Neches	Irrigation	0	0	0	0	0	0
Irrigation, Liberty	Liberty	Neches-Trinity	Irrigation	0	0	0	0	0	0

Water User Group	County	Basin	Type	Unmet Water Need (ac ft)					
				2030	2040	2050	2060	2070	2080
Irrigation, Liberty	Liberty	San Jacinto	Irrigation	0	0	0	0	0	0
Irrigation, Liberty	Liberty	Trinity	Irrigation	0	0	0	0	0	0
Irrigation, Liberty	Liberty	Trinity-San Jacinto	Irrigation	0	0	0	0	0	0
Irrigation, Madison	Madison	Brazos	Irrigation	45	45	45	45	45	45
Irrigation, Madison	Madison	Trinity	Irrigation	70	70	70	70	70	70
Irrigation, Montgomery	Montgomery	San Jacinto	Irrigation	0	0	0	0	0	0
Irrigation, Polk	Polk	Trinity	Irrigation	0	0	0	0	0	0
Irrigation, Polk	Polk	Neches	Irrigation	0	0	0	0	0	0
Irrigation, San Jacinto	San Jacinto	San Jacinto	Irrigation	0	0	0	0	0	0
Irrigation, San Jacinto	San Jacinto	Trinity	Irrigation	0	0	0	0	0	0
Irrigation, Trinity	Trinity	Trinity	Irrigation	0	0	0	0	0	0
Irrigation, Walker	Walker	San Jacinto	Irrigation	0	0	0	0	0	0
Irrigation, Walker	Walker	Trinity	Irrigation	0	0	0	0	0	0
Irrigation, Waller	Waller	Brazos	Irrigation	0	0	0	0	0	0
Irrigation, Waller	Waller	San Jacinto	Irrigation	0	0	0	0	0	0
Jacinto City	Harris	San Jacinto	Municipal	0	0	0	0	0	0
Jamaica Beach	Galveston	San Jacinto-Brazos	Municipal	0	0	0	0	0	0
Jersey Village	Harris	San Jacinto	Municipal	0	0	0	0	0	0
Jewett	Leon	Brazos	Municipal	0	0	0	0	0	0
Jewett	Leon	Trinity	Municipal	0	0	0	0	0	0
Johnston Water Utility	Montgomery	San Jacinto	Municipal	0	0	0	0	0	0
Katy	Fort Bend	San Jacinto	Municipal	0	0	0	0	0	0
Katy	Harris	San Jacinto	Municipal	0	0	0	0	0	0
Katy	Waller	San Jacinto	Municipal	0	0	0	0	0	0
Keenan WSC	Montgomery	San Jacinto	Municipal	0	0	0	0	0	0
Kendleton	Fort Bend	Brazos-Colorado	Municipal	0	0	0	0	0	0
Kings Manor MUD	Harris	San Jacinto	Municipal	0	0	0	0	0	0
Kings Manor MUD	Montgomery	San Jacinto	Municipal	0	0	0	0	0	0

Water User Group	County	Basin	Type	Unmet Water Need (ac ft)					
				2030	2040	2050	2060	2070	2080
Kirkmont MUD	Harris	San Jacinto-Brazos	Municipal	0	0	0	0	0	0
La Marque	Galveston	San Jacinto-Brazos	Municipal	0	0	0	0	0	0
La Porte	Harris	San Jacinto	Municipal	0	0	0	0	0	0
La Porte	Harris	San Jacinto-Brazos	Municipal	0	0	0	0	0	0
Lake Bonanza WSC	Montgomery	San Jacinto	Municipal	0	0	0	0	0	0
Lake Conroe Hills MUD	Montgomery	San Jacinto	Municipal	0	0	0	0	0	0
Lake Jackson	Brazoria	Brazos	Municipal	0	0	0	0	0	0
Lake Jackson	Brazoria	San Jacinto-Brazos	Municipal	0	0	0	0	0	0
Lake Livingston WSC	Liberty	Trinity	Municipal	0	0	0	0	0	0
Lake Livingston WSC	Polk	Trinity	Municipal	0	0	0	0	0	0
Lake Livingston WSC	San Jacinto	Trinity	Municipal	0	0	0	0	0	0
Lake Livingston WSC	Walker	Trinity	Municipal	0	0	0	0	0	0
Lake Livingston WSC	Hardin	Trinity	Municipal	0	0	0	0	0	0
Lake Livingston WSC	Polk	Neches	Municipal	0	0	0	0	0	0
Lake MUD	Harris	San Jacinto	Municipal	0	0	0	0	0	0
Lake MUD	Harris	Trinity-San Jacinto	Municipal	0	0	0	0	0	0
Lazy River Improvement District	Montgomery	San Jacinto	Municipal	0	0	0	0	0	0
League City	Galveston	San Jacinto-Brazos	Municipal	0	0	0	0	0	0
League City	Harris	San Jacinto-Brazos	Municipal	0	0	0	0	0	0
Leggett WSC	Polk	Trinity	Municipal	0	0	0	0	0	0
Leggett WSC	Polk	Neches	Municipal	0	0	0	0	0	0
Liberty	Liberty	Trinity	Municipal	0	0	0	0	0	0
Liberty County FWSD 1 Hull	Liberty	Neches	Municipal	0	0	0	0	0	0
Livestock, Austin	Austin	Brazos	Livestock	0	0	0	0	0	0
Livestock, Austin	Austin	Brazos-Colorado	Livestock	0	0	0	0	0	0
Livestock, Austin	Austin	Colorado	Livestock	0	0	0	0	0	0
Livestock, Brazoria	Brazoria	Brazos	Livestock	135	140	145	149	152	152
Livestock, Brazoria	Brazoria	Brazos-Colorado	Livestock	21	33	47	55	63	62

Water User Group	County	Basin	Type	Unmet Water Need (ac ft)					
				2030	2040	2050	2060	2070	2080
Livestock, Brazoria	Brazoria	San Jacinto-Brazos	Livestock	69	105	115	124	127	129
Livestock, Chambers	Chambers	Neches-Trinity	Livestock	0	0	0	0	0	0
Livestock, Chambers	Chambers	Trinity	Livestock	0	0	0	0	0	0
Livestock, Chambers	Chambers	Trinity-San Jacinto	Livestock	0	0	0	0	0	0
Livestock, Fort Bend	Fort Bend	Brazos	Livestock	0	0	0	0	0	0
Livestock, Fort Bend	Fort Bend	Brazos-Colorado	Livestock	0	0	0	0	0	0
Livestock, Fort Bend	Fort Bend	San Jacinto	Livestock	0	0	0	0	0	0
Livestock, Fort Bend	Fort Bend	San Jacinto-Brazos	Livestock	0	0	0	0	0	0
Livestock, Galveston	Galveston	Neches-Trinity	Livestock	12	12	12	12	12	12
Livestock, Galveston	Galveston	San Jacinto-Brazos	Livestock	184	184	184	184	184	184
Livestock, Harris	Harris	San Jacinto	Livestock	499	665	665	665	665	665
Livestock, Harris	Harris	San Jacinto-Brazos	Livestock	51	51	51	51	51	51
Livestock, Harris	Harris	Trinity-San Jacinto	Livestock	133	133	133	133	133	133
Livestock, Leon	Leon	Brazos	Livestock	0	0	0	0	0	0
Livestock, Leon	Leon	Trinity	Livestock	0	0	0	0	0	0
Livestock, Liberty	Liberty	Neches	Livestock	0	0	0	0	0	0
Livestock, Liberty	Liberty	Neches-Trinity	Livestock	0	0	0	0	0	0
Livestock, Liberty	Liberty	San Jacinto	Livestock	0	0	0	0	0	0
Livestock, Liberty	Liberty	Trinity	Livestock	0	0	0	0	0	0
Livestock, Liberty	Liberty	Trinity-San Jacinto	Livestock	0	0	0	0	0	0
Livestock, Madison	Madison	Brazos	Livestock	111	111	111	111	111	111
Livestock, Madison	Madison	Trinity	Livestock	860	860	860	860	860	860
Livestock, Montgomery	Montgomery	San Jacinto	Livestock	0	0	0	0	0	0
Livestock, Polk	Polk	Trinity	Livestock	0	0	0	0	0	0
Livestock, Polk	Polk	Neches	Livestock	0	0	0	0	0	0
Livestock, San Jacinto	San Jacinto	San Jacinto	Livestock	0	0	0	0	0	0
Livestock, San Jacinto	San Jacinto	Trinity	Livestock	0	0	0	0	0	0
Livestock, Trinity	Trinity	Trinity	Livestock	0	0	0	0	0	0

Water User Group	County	Basin	Type	Unmet Water Need (ac ft)					
				2030	2040	2050	2060	2070	2080
Livestock, Walker	Walker	San Jacinto	Livestock	0	0	0	0	0	0
Livestock, Walker	Walker	Trinity	Livestock	0	0	0	0	0	0
Livestock, Waller	Waller	Brazos	Livestock	0	0	0	0	0	0
Livestock, Waller	Waller	San Jacinto	Livestock	0	0	0	0	0	0
Livingston	Polk	Trinity	Municipal	0	0	0	0	0	0
Longhorn Town UD	Harris	San Jacinto	Municipal	0	0	0	0	0	0
Luce Bayou PUD	Harris	San Jacinto	Municipal	0	0	0	0	0	0
Madisonville	Madison	Trinity	Municipal	0	0	0	0	0	0
Magnolia	Montgomery	San Jacinto	Municipal	0	0	0	0	0	0
Manufacturing, Austin	Austin	Brazos	Manufacturing	0	0	0	0	0	0
Manufacturing, Brazoria	Brazoria	Brazos	Manufacturing	0	0	0	0	0	0
Manufacturing, Brazoria	Brazoria	Brazos-Colorado	Manufacturing	0	0	0	0	0	0
Manufacturing, Brazoria	Brazoria	San Jacinto-Brazos	Manufacturing	0	0	0	0	0	0
Manufacturing, Chambers	Chambers	Neches-Trinity	Manufacturing	0	0	0	0	0	0
Manufacturing, Chambers	Chambers	Trinity	Manufacturing	0	0	0	0	0	0
Manufacturing, Chambers	Chambers	Trinity-San Jacinto	Manufacturing	0	0	0	0	0	0
Manufacturing, Fort Bend	Fort Bend	Brazos	Manufacturing	0	0	0	0	0	0
Manufacturing, Fort Bend	Fort Bend	San Jacinto	Manufacturing	0	0	0	0	0	0
Manufacturing, Fort Bend	Fort Bend	San Jacinto-Brazos	Manufacturing	0	0	0	0	0	0
Manufacturing, Galveston	Galveston	San Jacinto-Brazos	Manufacturing	0	0	0	0	0	0
Manufacturing, Harris	Harris	San Jacinto	Manufacturing	0	0	0	0	0	0
Manufacturing, Harris	Harris	San Jacinto-Brazos	Manufacturing	0	0	0	0	0	0
Manufacturing, Harris	Harris	Trinity-San Jacinto	Manufacturing	0	0	0	0	0	0
Manufacturing, Leon	Leon	Trinity	Manufacturing	0	0	0	0	0	0
Manufacturing, Liberty	Liberty	Neches	Manufacturing	0	0	0	0	0	0
Manufacturing, Liberty	Liberty	Trinity	Manufacturing	0	0	0	0	0	0
Manufacturing, Montgomery	Montgomery	San Jacinto	Manufacturing	0	0	0	0	0	0
Manufacturing, Polk	Polk	Trinity	Manufacturing	0	0	0	0	0	0

Water User Group	County	Basin	Type	Unmet Water Need (ac ft)					
				2030	2040	2050	2060	2070	2080
Manufacturing, San Jacinto	San Jacinto	San Jacinto	Manufacturing	0	0	0	0	0	0
Manufacturing, Walker	Walker	San Jacinto	Manufacturing	0	0	0	0	0	0
Manufacturing, Walker	Walker	Trinity	Manufacturing	0	0	0	0	0	0
Manufacturing, Waller	Waller	Brazos	Manufacturing	0	0	0	0	0	0
Manufacturing, Waller	Waller	San Jacinto	Manufacturing	0	0	0	0	0	0
Manvel	Brazoria	San Jacinto-Brazos	Municipal	0	0	0	0	0	0
Mason Creek UD	Harris	San Jacinto	Municipal	0	0	0	0	0	0
Meadowcreek MUD	Fort Bend	San Jacinto-Brazos	Municipal	0	0	0	0	0	0
Meadows Place	Fort Bend	San Jacinto	Municipal	0	0	0	0	0	0
Meadows Place	Harris	San Jacinto	Municipal	0	0	0	0	0	0
Memorial Point UD	Polk	Trinity	Municipal	0	0	0	0	0	0
Memorial Villages Water Authority	Harris	San Jacinto	Municipal	0	0	0	0	0	0
Mercy WSC	Liberty	San Jacinto	Municipal	0	0	0	0	0	0
Mercy WSC	San Jacinto	San Jacinto	Municipal	0	0	0	0	0	0
Mining, Austin	Austin	Brazos	Mining	0	0	0	0	0	0
Mining, Brazoria	Brazoria	San Jacinto-Brazos	Mining	0	0	0	0	0	0
Mining, Chambers	Chambers	Trinity-San Jacinto	Mining	0	0	0	0	0	0
Mining, Fort Bend	Fort Bend	Brazos	Mining	0	0	0	0	0	0
Mining, Harris	Harris	San Jacinto	Mining	0	0	0	0	0	0
Mining, Harris	Harris	San Jacinto-Brazos	Mining	0	0	0	0	0	0
Mining, Leon	Leon	Trinity	Mining	0	0	0	0	0	0
Mining, Liberty	Liberty	San Jacinto	Mining	0	0	0	0	0	0
Mining, Liberty	Liberty	Trinity	Mining	0	0	0	0	0	0
Mining, Madison	Madison	Brazos	Mining	443	443	443	443	443	443
Mining, Madison	Madison	Trinity	Mining	267	267	267	267	267	267
Mining, Montgomery	Montgomery	San Jacinto	Mining	0	0	0	0	0	0
Mining, Polk	Polk	Trinity	Mining	0	0	0	0	0	0
Mining, Polk	Polk	Neches	Mining	0	0	0	0	0	0
Mining, San Jacinto	San Jacinto	San Jacinto	Mining	0	0	0	0	0	0

Water User Group	County	Basin	Type	Unmet Water Need (ac ft)					
				2030	2040	2050	2060	2070	2080
Mining, San Jacinto	San Jacinto	Trinity	Mining	0	0	0	0	0	0
Mining, Trinity	Trinity	Trinity	Mining	0	0	0	0	0	0
Mining, Walker	Walker	Trinity	Mining	0	0	0	0	0	0
Mining, Waller	Waller	Brazos	Mining	0	0	0	0	0	0
Missouri City	Fort Bend	San Jacinto-Brazos	Municipal	0	0	0	0	0	0
Mont Belvieu	Chambers	Trinity	Municipal	0	0	0	0	0	0
Mont Belvieu	Chambers	Trinity-San Jacinto	Municipal	0	0	0	0	0	0
Montgomery	Montgomery	San Jacinto	Municipal	0	0	0	0	0	0
Montgomery County MUD 105	Montgomery	San Jacinto	Municipal	0	0	0	0	0	0
Montgomery County MUD 112	Montgomery	San Jacinto	Municipal	0	0	0	0	0	0
Montgomery County MUD 115	Montgomery	San Jacinto	Municipal	0	0	0	0	0	0
Montgomery County MUD 119	Montgomery	San Jacinto	Municipal	0	0	0	0	0	0
Montgomery County MUD 126	Montgomery	San Jacinto	Municipal	0	0	0	0	0	0
Montgomery County MUD 127	Montgomery	San Jacinto	Municipal	0	0	0	0	0	0
Montgomery County MUD 137	Montgomery	San Jacinto	Municipal	0	0	0	0	0	0
Montgomery County MUD 139	Montgomery	San Jacinto	Municipal	0	0	0	0	0	0
Montgomery County MUD 15	Montgomery	San Jacinto	Municipal	0	0	0	0	0	0
Montgomery County MUD 18	Montgomery	San Jacinto	Municipal	0	0	0	0	0	0
Montgomery County MUD 19	Montgomery	San Jacinto	Municipal	0	0	0	0	0	0
Montgomery County MUD 24	Montgomery	San Jacinto	Municipal	0	0	0	0	0	0
Montgomery County MUD 56	Montgomery	San Jacinto	Municipal	0	0	0	0	0	0
Montgomery County MUD 8	Montgomery	San Jacinto	Municipal	0	0	0	0	0	0
Montgomery County MUD 83	Montgomery	San Jacinto	Municipal	0	0	0	0	0	0
Montgomery County MUD 84	Montgomery	San Jacinto	Municipal	0	0	0	0	0	0
Montgomery County MUD 88	Montgomery	San Jacinto	Municipal	0	0	0	0	0	0
Montgomery County MUD 89	Montgomery	San Jacinto	Municipal	0	0	0	0	0	0
Montgomery County MUD 9	Montgomery	San Jacinto	Municipal	0	0	0	0	0	0
Montgomery County MUD 94	Montgomery	San Jacinto	Municipal	0	0	0	0	0	0
Montgomery County MUD 95	Montgomery	San Jacinto	Municipal	0	0	0	0	0	0

Water User Group	County	Basin	Type	Unmet Water Need (ac ft)					
				2030	2040	2050	2060	2070	2080
Montgomery County MUD 98	Montgomery	San Jacinto	Municipal	0	0	0	0	0	0
Montgomery County MUD 99	Montgomery	San Jacinto	Municipal	0	0	0	0	0	0
Montgomery County UD 2	Montgomery	San Jacinto	Municipal	0	0	0	0	0	0
Montgomery County UD 3	Montgomery	San Jacinto	Municipal	0	0	0	0	0	0
Montgomery County UD 4	Montgomery	San Jacinto	Municipal	0	0	0	0	0	0
Montgomery County WCID 1	Montgomery	San Jacinto	Municipal	0	0	0	0	0	0
Morgans Point	Harris	San Jacinto	Municipal	0	0	0	0	0	0
Morgans Point	Harris	San Jacinto-Brazos	Municipal	0	0	0	0	0	0
Moscow WSC	Polk	Trinity	Municipal	0	0	0	0	0	0
Mount Houston Road MUD	Harris	San Jacinto	Municipal	0	0	0	0	0	0
MSEC Enterprises	Grimes	San Jacinto	Municipal	0	0	0	0	0	0
MSEC Enterprises	Montgomery	San Jacinto	Municipal	0	0	0	0	0	0
Nassau Bay	Harris	San Jacinto-Brazos	Municipal	0	0	0	0	0	0
Needville	Fort Bend	Brazos	Municipal	0	0	0	0	0	0
Needville	Fort Bend	Brazos-Colorado	Municipal	0	0	0	0	0	0
New Caney MUD	Montgomery	San Jacinto	Municipal	0	0	0	0	0	0
New Waverly	Walker	San Jacinto	Municipal	0	0	0	0	0	0
Newport MUD	Harris	San Jacinto	Municipal	0	0	0	0	0	0
Nitsch and Son Utility	Harris	San Jacinto	Municipal	0	0	0	0	0	0
Normangee	Leon	Brazos	Municipal	0	0	0	0	0	0
Normangee	Leon	Trinity	Municipal	0	0	0	0	0	0
Normangee	Madison	Trinity	Municipal	0	0	0	0	0	0
North Belt UD	Harris	San Jacinto	Municipal	0	0	0	0	0	0
North Channel Water Authority	Harris	San Jacinto	Municipal	0	0	0	0	0	0
North Forest MUD	Harris	San Jacinto	Municipal	0	0	0	0	0	0
North Fort Bend Water Authority	Fort Bend	Brazos	Municipal	0	0	0	0	0	0
North Fort Bend Water Authority	Fort Bend	San Jacinto	Municipal	0	0	0	0	0	0
North Fort Bend Water Authority	Fort Bend	San Jacinto-Brazos	Municipal	0	0	0	0	0	0
North Fort Bend Water Authority	Harris	San Jacinto	Municipal	0	0	0	0	0	0

Water User Group	County	Basin	Type	Unmet Water Need (ac ft)					
				2030	2040	2050	2060	2070	2080
North Fort Bend Water Authority	Waller	San Jacinto	Municipal	0	0	0	0	0	0
North Green MUD	Harris	San Jacinto	Municipal	0	0	0	0	0	0
North Harris County Regional Water Authority	Harris	San Jacinto	Municipal	0	0	0	0	0	0
North Harris County Regional Water Authority	Montgomery	San Jacinto	Municipal	0	0	0	0	0	0
North Zulch MUD	Madison	Brazos	Municipal	0	0	0	0	0	0
North Zulch MUD	Madison	Trinity	Municipal	0	0	0	0	0	0
Northeast Harris County MUD 1	Harris	San Jacinto	Municipal	0	0	0	0	0	0
Northwest Harris County MUD 16	Harris	San Jacinto	Municipal	0	0	0	0	0	0
Oak Hollow Utility	Waller	San Jacinto	Municipal	0	0	0	0	0	0
Oak Ridge North	Montgomery	San Jacinto	Municipal	0	0	0	0	0	0
Onalaska WSC	Polk	Trinity	Municipal	0	0	0	0	0	0
One Five O WSC	San Jacinto	San Jacinto	Municipal	0	0	0	0	0	0
One Five O WSC	Walker	San Jacinto	Municipal	0	0	0	0	0	0
Oyster Creek	Brazoria	San Jacinto-Brazos	Municipal	0	0	0	0	0	0
P B & S C WSC	San Jacinto	San Jacinto	Municipal	0	0	0	0	0	0
P B & S C WSC	San Jacinto	Trinity	Municipal	0	0	0	0	0	0
Palmer Plantation MUD 1	Fort Bend	San Jacinto-Brazos	Municipal	0	0	0	0	0	0
Palmer Plantation MUD 2	Fort Bend	San Jacinto-Brazos	Municipal	0	0	0	0	0	0
Panorama Village	Montgomery	San Jacinto	Municipal	0	0	0	0	0	0
Parkway MUD	Harris	San Jacinto	Municipal	0	0	0	0	0	0
Pasadena	Harris	San Jacinto	Municipal	0	0	0	0	0	0
Pasadena	Harris	San Jacinto-Brazos	Municipal	0	0	0	0	0	0
Pattison WSC	Waller	Brazos	Municipal	0	0	0	0	0	0
Patton Village	Montgomery	San Jacinto	Municipal	0	0	0	0	0	0
Pearland	Brazoria	San Jacinto-Brazos	Municipal	0	0	0	0	0	0
Pearland	Fort Bend	San Jacinto-Brazos	Municipal	0	0	0	0	0	0
Pearland	Harris	San Jacinto-Brazos	Municipal	0	0	0	0	0	0
Pecan Grove MUD 1	Fort Bend	Brazos	Municipal	0	0	0	0	0	0

Water User Group	County	Basin	Type	Unmet Water Need (ac ft)					
				2030	2040	2050	2060	2070	2080
Pecan Grove MUD 1	Fort Bend	San Jacinto-Brazos	Municipal	0	0	0	0	0	0
Pennington WSC	Trinity	Trinity	Municipal	0	0	0	0	0	0
Phelps SUD	Walker	San Jacinto	Municipal	0	0	0	0	0	0
Phelps SUD	Walker	Trinity	Municipal	0	0	0	0	0	0
Pine Village PUD	Harris	San Jacinto	Municipal	0	0	0	0	0	0
Pinehurst Decker Prairie WSC	Montgomery	San Jacinto	Municipal	0	0	0	0	0	0
Pinewood Community	Harris	San Jacinto	Municipal	0	0	0	0	0	0
Plantation MUD	Fort Bend	Brazos	Municipal	0	0	0	0	0	0
Point Aquarius MUD	Montgomery	San Jacinto	Municipal	0	0	0	0	0	0
Porter SUD	Montgomery	San Jacinto	Municipal	0	0	0	0	0	0
Prairie View	Waller	Brazos	Municipal	0	0	0	0	0	0
Prairie View	Waller	San Jacinto	Municipal	0	0	0	0	0	0
Prairie View A&M University	Waller	Brazos	Municipal	0	0	0	0	0	0
Prairie View A&M University	Waller	San Jacinto	Municipal	0	0	0	0	0	0
Providence WSC	Polk	Trinity	Municipal	0	0	0	0	0	0
Quadvest	Brazoria	San Jacinto-Brazos	Municipal	0	0	0	0	0	0
Quadvest	Fort Bend	Brazos	Municipal	0	0	0	0	0	0
Quadvest	Harris	San Jacinto	Municipal	0	0	0	0	0	0
Quadvest	Liberty	San Jacinto	Municipal	0	0	0	0	0	0
Quadvest	Montgomery	San Jacinto	Municipal	0	0	0	0	0	0
Quadvest	Walker	San Jacinto	Municipal	0	0	0	0	0	0
Quadvest	Waller	Brazos	Municipal	0	0	0	0	0	0
Quadvest	Waller	San Jacinto	Municipal	0	0	0	0	0	0
Quadvest	Matagorda	Colorado-Lavaca	Municipal	0	0	0	0	0	0
Quadvest	Jackson	Colorado-Lavaca	Municipal	0	0	0	0	0	0
Quail Valley UD	Fort Bend	San Jacinto-Brazos	Municipal	0	0	0	0	0	0
Ranch Crest Water	Montgomery	San Jacinto	Municipal	0	0	0	0	0	0
Rayford Road MUD	Montgomery	San Jacinto	Municipal	0	0	0	0	0	0
Raywood WSC	Liberty	Trinity	Municipal	0	0	0	0	0	0

Water User Group	County	Basin	Type	Unmet Water Need (ac ft)					
				2030	2040	2050	2060	2070	2080
Richmond	Fort Bend	Brazos	Municipal	0	0	0	0	0	0
Richwood	Brazoria	San Jacinto-Brazos	Municipal	0	0	0	0	0	0
River Plantation MUD	Montgomery	San Jacinto	Municipal	0	0	0	0	0	0
Riverside SUD	San Jacinto	Trinity	Municipal	0	0	0	0	0	0
Riverside SUD	Walker	Trinity	Municipal	0	0	0	0	0	0
Rolling Fork PUD	Harris	San Jacinto	Municipal	0	0	0	0	0	0
Roman Forest Consolidated MUD	Montgomery	San Jacinto	Municipal	0	0	0	0	0	0
Rosenberg	Fort Bend	Brazos	Municipal	0	0	0	0	0	0
Royal Valley Utilities	Fort Bend	Brazos	Municipal	0	0	0	0	0	0
Sagemeadow UD	Harris	San Jacinto-Brazos	Municipal	0	0	0	0	0	0
San Jacinto SUD	San Jacinto	San Jacinto	Municipal	0	0	0	0	0	0
San Jacinto SUD	San Jacinto	Trinity	Municipal	0	0	0	0	0	0
San Leon MUD	Galveston	San Jacinto-Brazos	Municipal	0	0	0	0	0	0
Seabrook	Harris	San Jacinto-Brazos	Municipal	0	0	0	0	0	0
Sealy	Austin	Brazos	Municipal	0	0	0	0	0	0
Sealy	Austin	Brazos-Colorado	Municipal	0	0	0	0	0	0
Sedona Lakes MUD 1	Brazoria	San Jacinto-Brazos	Municipal	0	0	0	0	0	0
Sequoia Improvement District	Harris	San Jacinto	Municipal	0	0	0	0	0	0
Shenandoah	Montgomery	San Jacinto	Municipal	0	0	0	0	0	0
Shepherd	San Jacinto	Trinity	Municipal	0	0	0	0	0	0
Shoreacres	Harris	San Jacinto-Brazos	Municipal	0	0	0	0	0	0
Sienna Plantation	Fort Bend	Brazos	Municipal	0	0	0	0	0	0
Sienna Plantation	Fort Bend	San Jacinto-Brazos	Municipal	0	0	0	0	0	0
Soda WSC	Polk	Trinity	Municipal	0	0	0	0	0	0
Soda WSC	Polk	Neches	Municipal	0	0	0	0	0	0
South Cleveland WSC	Liberty	San Jacinto	Municipal	0	0	0	0	0	0
South Houston	Harris	San Jacinto	Municipal	0	0	0	0	0	0
Southeast WSC	Leon	Brazos	Municipal	0	0	0	0	0	0
Southeast WSC	Leon	Trinity	Municipal	0	0	0	0	0	0

Water User Group	County	Basin	Type	Unmet Water Need (ac ft)					
				2030	2040	2050	2060	2070	2080
Southern Montgomery County MUD	Montgomery	San Jacinto	Municipal	0	0	0	0	0	0
Southern Water	Harris	San Jacinto	Municipal	0	0	0	0	0	0
Southside Place	Harris	San Jacinto	Municipal	0	0	0	0	0	0
Southwest Harris County MUD 1	Harris	San Jacinto	Municipal	0	0	0	0	0	0
Splendora	Liberty	San Jacinto	Municipal	0	0	0	0	0	0
Splendora	Montgomery	San Jacinto	Municipal	0	0	0	0	0	0
Spring Creek UD	Montgomery	San Jacinto	Municipal	0	0	0	0	0	0
Spring Meadows MUD	Harris	San Jacinto	Municipal	0	0	0	0	0	0
Spring Meadows MUD	Harris	Trinity-San Jacinto	Municipal	0	0	0	0	0	0
Spring Valley	Harris	San Jacinto	Municipal	0	0	0	0	0	0
Stanley Lake MUD	Montgomery	San Jacinto	Municipal	0	0	0	0	0	0
Steam-Electric Power, Austin	Austin	Brazos	Steam Electric Power	0	0	0	0	0	0
Steam-Electric Power, Chambers	Chambers	Trinity-San Jacinto	Steam Electric Power	0	0	0	0	0	0
Steam-Electric Power, Fort Bend	Fort Bend	Brazos	Steam Electric Power	0	0	0	0	0	0
Steam-Electric Power, Galveston	Galveston	San Jacinto-Brazos	Steam Electric Power	0	0	0	0	0	0
Steam-Electric Power, Harris	Harris	San Jacinto	Steam Electric Power	0	0	0	0	0	0
Steam-Electric Power, Harris	Harris	San Jacinto-Brazos	Steam Electric Power	0	0	0	0	0	0
Steam-Electric Power, Montgomery	Montgomery	San Jacinto	Steam Electric Power	0	0	0	0	0	0
Suburban Utility	Harris	San Jacinto	Municipal	0	0	0	0	0	0
Sugar Land	Fort Bend	Brazos	Municipal	0	0	0	0	0	0
Sugar Land	Fort Bend	San Jacinto	Municipal	0	0	0	0	0	0
Sugar Land	Fort Bend	San Jacinto-Brazos	Municipal	0	0	0	0	0	0
Sunbelt FWSD	Harris	San Jacinto	Municipal	0	0	0	0	0	0
Surfside Beach	Brazoria	San Jacinto-Brazos	Municipal	0	0	0	0	0	0
Sweeny	Brazoria	Brazos-Colorado	Municipal	0	0	0	0	0	0
T & W Water Service	Liberty	San Jacinto	Municipal	0	0	0	0	0	0
T & W Water Service	Liberty	Trinity	Municipal	0	0	0	0	0	0
T & W Water Service	Montgomery	San Jacinto	Municipal	0	0	0	0	0	0
Tarkington SUD	Liberty	San Jacinto	Municipal	0	0	0	0	0	0

Water User Group	County	Basin	Type	Unmet Water Need (ac ft)					
				2030	2040	2050	2060	2070	2080
Tarkington SUD	Liberty	Trinity	Municipal	0	0	0	0	0	0
TDCJ Darrington Unit	Brazoria	San Jacinto-Brazos	Municipal	0	0	0	0	0	0
TDCJ Ferguson Unit	Madison	Trinity	Municipal	0	0	0	0	0	0
TDCJ Jester Units	Fort Bend	Brazos	Municipal	0	0	0	0	0	0
TDCJ Jester Units	Fort Bend	San Jacinto-Brazos	Municipal	0	0	0	0	0	0
TDCJ Ramsey Area	Brazoria	San Jacinto-Brazos	Municipal	0	0	0	0	0	0
Tempe WSC 1	Polk	Trinity	Municipal	0	0	0	0	0	0
Texas City	Galveston	San Jacinto-Brazos	Municipal	0	0	0	0	0	0
The Commons Water Supply	Harris	San Jacinto	Municipal	0	0	0	0	0	0
The Woodlands	Montgomery	San Jacinto	Municipal	0	0	0	0	0	0
Thunderbird UD	Fort Bend	Brazos	Municipal	0	0	0	0	0	0
Thunderbird UD	Fort Bend	San Jacinto-Brazos	Municipal	0	0	0	0	0	0
Tomball	Harris	San Jacinto	Municipal	0	0	0	0	0	0
Trail of the Lakes MUD	Harris	San Jacinto	Municipal	0	0	0	0	0	0
Trinity	Trinity	Trinity	Municipal	0	0	0	0	0	0
Trinity Bay Conservation District	Chambers	Neches-Trinity	Municipal	0	0	0	0	0	0
Trinity Bay Conservation District	Chambers	Trinity	Municipal	0	0	0	0	0	0
Trinity Bay Conservation District	Jefferson	Neches-Trinity	Municipal	0	0	0	0	0	0
Trinity Rural WSC	Trinity	Trinity	Municipal	0	0	0	0	0	0
Trinity Rural WSC	Walker	Trinity	Municipal	0	0	0	0	0	0
Valley Ranch MUD 1	Montgomery	San Jacinto	Municipal	0	0	0	0	0	0
Varner Creek UD	Brazoria	Brazos	Municipal	0	0	0	0	0	0
Walker County SUD	Walker	San Jacinto	Municipal	0	0	0	0	0	0
Walker County SUD	Walker	Trinity	Municipal	0	0	0	0	0	0
Waller	Harris	San Jacinto	Municipal	0	0	0	0	0	0
Waller	Waller	San Jacinto	Municipal	0	0	0	0	0	0
Wallis	Austin	Brazos-Colorado	Municipal	0	0	0	0	0	0
Waterwood MUD 1	San Jacinto	Trinity	Municipal	0	0	0	0	0	0
Webster	Harris	San Jacinto-Brazos	Municipal	0	0	0	0	0	0

Water User Group	County	Basin	Type	Unmet Water Need (ac ft)					
				2030	2040	2050	2060	2070	2080
West Columbia	Brazoria	Brazos	Municipal	0	0	0	0	0	0
West Columbia	Brazoria	Brazos-Colorado	Municipal	0	0	0	0	0	0
West End WSC	Washington	Brazos	Municipal	0	0	0	0	0	0
West End WSC	Austin	Brazos	Municipal	0	0	0	0	0	0
West End WSC	Austin	Colorado	Municipal	0	0	0	0	0	0
West End WSC	Fayette	Colorado	Municipal	0	0	0	0	0	0
West Hardin WSC	Liberty	Neches	Municipal	0	0	0	0	0	0
West Harris County MUD 6	Harris	San Jacinto	Municipal	0	0	0	0	0	0
West Harris County Regional Water Authority	Fort Bend	San Jacinto	Municipal	0	0	0	0	0	0
West Harris County Regional Water Authority	Harris	San Jacinto	Municipal	0	0	0	0	0	0
West University Place	Harris	San Jacinto	Municipal	0	0	0	0	0	0
Westfield Garden Park	Harris	San Jacinto	Municipal	0	0	0	0	0	0
Westwood North WSC	Montgomery	San Jacinto	Municipal	0	0	0	0	0	0
Westwood Shores MUD	Trinity	Trinity	Municipal	0	0	0	0	0	0
White Oak WSC	Montgomery	San Jacinto	Municipal	0	0	0	0	0	0
Willis	Montgomery	San Jacinto	Municipal	0	0	0	0	0	0
Willow Creek Farms MUD	Fort Bend	San Jacinto	Municipal	0	0	0	0	0	0
Willow Creek Farms MUD	Waller	San Jacinto	Municipal	0	0	0	0	0	0
Windfern Forest Utility District	Harris	San Jacinto	Municipal	0	0	0	0	0	0
Wood Branch Village	Montgomery	San Jacinto	Municipal	0	0	0	0	0	0
Wood Trace MUD 1	Montgomery	San Jacinto	Municipal	0	0	0	0	0	0
Woodcreek MUD	Harris	San Jacinto	Municipal	0	0	0	0	0	0
Woodcreek Water Of Liberty	Liberty	Trinity	Municipal	0	0	0	0	0	0
Woodland Oaks Utility	Montgomery	San Jacinto	Municipal	0	0	0	0	0	0
Woodridge MUD	Montgomery	San Jacinto	Municipal	0	0	0	0	0	0

**For this table, positive values reflect a projected unmet need. MWP information has been omitted from this table as no MWP was projected to have an unmet need after recommended WMS.*

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Table 5-A16 – Unmet WUG Water Need Summary

Water User Group	County	Basin	Type	Unmet Water Need (ac ft)*					
				2030	2040	2050	2060	2070	2080
Irrigation, Brazoria	Brazoria	San Jacinto-Brazos	Irrigation	31,996	32,310	32,402	32,480	32,508	32,526
Irrigation, Chambers	Chambers	Trinity	Irrigation	2,904	2,904	2,904	2,904	2,904	2,904
	Chambers	Trinity-San Jacinto	Irrigation	1,016	1,016	1,016	1,016	1,016	1,016
Irrigation, Galveston	Galveston	San Jacinto-Brazos	Irrigation	5,376	5,376	5,376	5,376	5,376	5,376
Irrigation, Madison	Madison	Brazos	Irrigation	45	45	45	45	45	45
	Madison	Trinity	Irrigation	70	70	70	70	70	70
Livestock, Brazoria	Brazoria	Brazos	Livestock	135	140	145	149	152	152
	Brazoria	Brazos-Colorado	Livestock	21	33	47	55	63	62
	Brazoria	San Jacinto-Brazos	Livestock	69	105	115	124	127	129
Livestock, Galveston	Galveston	Neches-Trinity	Livestock	12	12	12	12	12	12
	Galveston	San Jacinto-Brazos	Livestock	184	184	184	184	184	184
Livestock, Harris	Harris	San Jacinto	Livestock	499	665	665	665	665	665
	Harris	San Jacinto-Brazos	Livestock	51	51	51	51	51	51
	Harris	Trinity-San Jacinto	Livestock	133	133	133	133	133	133
Livestock, Madison	Madison	Brazos	Livestock	111	111	111	111	111	111
	Madison	Trinity	Livestock	860	860	860	860	860	860
Mining, Madison	Madison	Brazos	Mining	443	443	443	443	443	443
	Madison	Trinity	Mining	267	267	267	267	267	267

**For this table, positive values reflect a projected unmet need. Entities without projected unmet needs are omitted.*

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