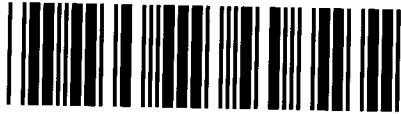




Control Number: 43585



Item Number: 7

Addendum StartPage: 0

House Bill (HB) 1600 and Senate Bill (SB) 567 83rd
Legislature, Regular Session, transferred the functions
relating to the economic regulation of water and sewer
utilities from the TCEQ to the PUC effective
September 1, 2014.

Preliminary Draft
For Discussion Purposes Only
Results are based on very general assumptions
and are intended for management use only.

43585

CITY OF AUSTIN, TEXAS
WATER AND WASTEWATER UTILITY
30 YEAR FINANCIAL ANALYSIS

WASTEWATER CCN

Option 1

Outside City CRFs

20% Equity Funding

2011 OCT 29 AM 10:50

City of Austin, Texas
Water and Wastewater Utility
30 Year Financial Analysis Summary
WASTEWATER CCN

FINANCIAL SUMMARY

Retail Service Revenues	\$ 395,701,925
Capital Recovery Fees	69,040,000
Interest Income	354,029
MUD Surcharge	0
Miscellaneous Revenues	0
Total Estimated Revenues:	\$ 465,095,954
(Less) Requirements:	
Operations & Maintenance	\$ 169,107,908
Other O&M	0
LCRA Charge - Above 201,000 AF	0
General Fund Transfer	35,089,254
Participation / Reimbursements - CR Only	0
Assumed Debt Service	0
Current Revenue Funding of CIP	55,275,923
COA Debt Service Payments	226,462,863
Commercial Paper Interest	13,194,591
Debt Service Coverage	4,261,723
Total Estimated Requirements	\$ 503,392,263
40 Year Net Cash Flow	\$ (38,296,309)
40 Year Net Present Value	\$ 11,469,190
Number of Years with Negative Cash Flow	5
Payback Period	Greater than 40 years
Breakeven	
Number of additional single family home per year required to breakeven:	0
Rate Impacts	
5-Year Wastewater Utility Total Rate Impact	0.00%
40-Year Wastewater Utility Total Rate Impact	0.73%

City of Austin, Texas
Water and Wastewater Utility
30 Year Financial Analysis Summary
WASTEWATER CCN

ASSUMPTIONS

Development Assumptions

Development Type	Single Family
Development Location	Desired Development Zone Outside City

Service Units:	<u>Single Family</u>	<u>Multifamily</u>	<u>Commercial</u>	<u>Total</u>
Water	0	0	0	0
Wastewater	86,300	0	0	86,300

Build-out Schedule	Complete in 2040
1st Year Connections Assumed	2004

	<u>Single Family</u>	<u>Multifamily</u>	<u>Commercial</u>	<u>Cumulative</u>
Year 1	1,580	0	0	1,580
Year 2	1,580	0	0	3,160
Year 3	1,580	0	0	4,740
Year 4	1,580	0	0	6,320
Year 5	1,580	0	0	7,900
Years 6-10	9,391	0	0	17,291
Years 11-20	22,723	0	0	40,014
Years 21-30	27,253	0	0	67,267
Years 31-40	<u>19,033</u>	<u>0</u>	<u>0</u>	86,300
Total	86,300	0	0	

Maximum number of single family homes for line constructed	n/a
--	-----

Consumption / Flows

Monthly Average Water Use -	n/a
Monthly Average WW Flow -	4,681
Annual Water Consumption at Build-out (gallons)	n/a
Annual WW Flows at Build-out (gallons)	4,381,623,600

Financial Assumptions

Capital Requirements - Improvements	\$276,379,617
Capital Requirements - Acquisition	\$0
Cost Reimbursements - Total	\$0
Water Reimbursement	\$0
Wastewater Reimbursement	\$0
Payment Period	n/a
1st Year Payment Made	n/a

Amount Financed (80% Debt, 20% Equity Funded)	\$221,103,694
Financing - Commercial paper first two years then refunded with bonds	
Debt Assumed	\$0

Capital Recovery Fees (CRFs) Collected	YES
CRF Offsets to Developer	\$0

Retail O&M Rate - Water	n/a
Retail O&M Rate - Wastewater	\$1.92

Inside City Desired Development Zone Water Rates Effective 11/1/01	
LCRA Rate Per 1000 Gallons Beginning 2022-23	\$0.32

Preliminary Draft

For Discussion Purposes Only

Results are based on very general assumptions and are intended for management use only.

CITY OF AUSTIN, TEXAS

WASTEWATER CCN

40 YEAR FINANCIAL ANALYSIS

WATER AND WASTEWATER - UTILITY FUND

REVENUES	2003-2004	2004-2005	2005-2006	2006-2007	2007-2008	2008-2009	2009-2010	2010-2011	2011-2012	2012-2013
Minimum Charge - Water	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Service Revenues - Water	0	0	0	0	0	0	0	0	0	0
Minimum Charge - Wastewater	36,972	98,592	147,888	197,184	246,480	295,776	345,072	409,874	474,677	539,479
Service Revenues - Wastewater	270,020	720,053	1,080,079	1,440,105	1,800,131	2,160,158	2,520,184	2,993,459	3,466,734	3,940,009
Capital Recovery Fees - Water	0	0	0	0	0	0	0	0	0	0
Capital Recovery Fees - Wastewater	1,264,000	1,264,000	1,264,000	1,264,000	1,264,000	1,264,000	1,264,000	1,661,600	1,661,600	1,661,600
Interest Income	5,212	8,469	9,809	10,429	9,944	9,467	8,951	13,180	13,575	13,695
MUD Surcharge for New Debt Service	0	0	0	0	0	0	0	0	0	0
Miscellaneous Revenues	0	0	0	0	0	0	0	0	0	0
Total Projected Revenues	\$1,576,204	\$2,091,113	\$2,501,776	\$2,911,718	\$3,320,556	\$3,729,400	\$4,138,207	\$5,078,113	\$5,616,586	\$6,154,784
30 YEAR PROJECTED REVENUES:	\$295,229,836									
GROSS REVENUES FOR G/F TRF:	306,992	818,645	1,227,967	1,637,289	2,046,611	2,455,934	2,865,256	3,403,333	3,941,411	4,479,488
	\$132,296,242									
REQUIREMENTS										
Operations & Maintenance - System	\$115,396	\$307,723	\$461,584	\$615,446	\$769,307	\$923,169	\$1,077,030	\$1,279,290	\$1,481,550	\$1,683,810
Other O&M	0	0	0	0	0	0	0	0	0	0
LCRA Charge - Above 201,000 AF	0	0	0	0	0	0	0	0	0	0
General Fund Transfer	25,173	46,151	64,332	100,693	134,258	167,822	201,387	238,470	279,073	323,196
Participation / Reimbursements	0	0	0	0	0	0	0	0	0	0
Assumed Debt Services Req.	0	0	0	0	0	0	0	0	0	0
Current Revenue Funding of CIP	1,020,360	1,020,360	1,020,360	1,020,360	1,020,360	1,020,360	1,020,360	1,204,251	1,204,251	1,204,251
Total Projected Requirements	\$1,160,930	\$1,374,234	\$1,546,277	\$1,736,499	\$1,923,925	\$2,111,351	\$2,298,777	\$2,722,011	\$2,964,874	\$3,211,256
COA LT Debt Service Requirements	\$0	\$0	\$160,707	\$344,372	\$593,956	\$843,156	\$1,094,495	\$1,345,092	\$1,597,460	\$1,882,300
Commercial Paper Interest	112,240	224,479	224,479	224,479	224,479	224,479	224,479	244,707	264,935	264,935
Debt Service Coverage	0	0	0	0	0	0	0	0	0	0
Total Estimated Requirements	\$1,273,169	\$1,598,714	\$1,931,462	\$2,305,350	\$2,742,360	\$3,178,987	\$3,617,752	\$4,311,810	\$4,827,269	\$5,358,491
30 YEAR ESTIMATED REQUIREMENTS	\$276,972,242									
EXCESS PROJECTED REVENUES	\$303,034	\$492,400	\$570,313	\$606,368	\$578,195	\$550,413	\$520,455	\$766,303	\$789,318	\$796,293
OVER ESTIMATED REQUIREMENTS	0.00000%	0.00000%	0.00000%	0.00000%	0.00000%	0.00000%	0.00000%	0.00000%	0.00000%	0.00000%
WASTEWATER UTILITY RATE IMPACT	0.72633%									
40 YEAR TOTAL RATE IMPACT										
40 YEAR NET CASH FLOW:	\$15,884,519									
NPV OF BENEFITS/INVESTMENTS	\$11,469,190									
FINANCING REQUIREMENTS - BONDS										
Land and Land Rights	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Buildings and Improvements	0	0	4,081,441	4,081,441	4,081,441	4,081,441	4,081,441	4,081,441	4,081,441	4,817,002
Machinery and Equipment	0	0	0	0	0	0	0	0	0	0
Developer Reimbursements	0	0	0	0	0	0	0	0	0	0
Total Estimated Financing	\$0	\$0	\$4,081,441	\$4,081,441	\$4,081,441	\$4,081,441	\$4,081,441	\$4,081,441	\$4,081,441	\$4,817,002

Preliminary Draft
For Discussion Purposes Only
 Results are based on very general assumptions and are intended for management use only.

CITY OF AUSTIN, TEXAS
WASTEWATER CCN
40 YEAR FINANCIAL ANALYSIS

WATER AND WASTEWATER - UTILITY FUND

REVENUES	2013-2014	2014-2015	2015-2016	2016-2017	2017-2018	2018-2019	2019-2020	2020-2021	2021-2022	2022-2023
Minimum Charge - Water	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Service Revenues - Water	0	0	0	0	0	0	0	0	0	0
Minimum Charge - Wastewater	604,282	669,084	733,886	798,689	863,491	928,294	993,096	1,078,210	1,163,323	1,248,437
Service Revenues - Wastewater	4,413,284	4,886,559	5,359,834	5,833,109	6,306,384	6,779,659	7,252,935	7,874,550	8,496,165	9,117,780
Capital Recovery Fees - Water	0	0	0	0	0	0	0	0	0	0
Capital Recovery Fees - Wastewater	1,661,600	1,661,600	1,661,600	1,661,600	1,661,600	1,661,600	1,661,600	2,182,400	2,182,400	2,182,400
Interest Income	13,717	13,510	13,336	13,140	12,939	12,785	12,620	13,131	13,596	13,518
MUD Surcharge for New Debt Service	0	0	0	0	0	0	0	0	0	0
Miscellaneous Revenues	0	0	0	0	0	0	0	0	0	0
Total Projected Revenues	\$6,692,883	\$7,230,753	\$7,768,657	\$8,306,539	\$8,844,415	\$9,382,338	\$9,920,250	\$11,148,290	\$11,855,483	\$12,562,134
30 YEAR PROJECTED REVENUES:										
GROSS REVENUES FOR G/F TRF:	5,017,566	5,555,643	6,093,721	6,631,798	7,169,876	7,707,953	8,246,031	8,952,759	9,659,488	10,366,216
REQUIREMENTS										
Operations & Maintenance - System	\$1,886,069	\$2,088,329	\$2,290,589	\$2,492,848	\$2,695,108	\$2,897,368	\$3,099,628	\$3,365,282	\$3,630,937	\$3,896,591
Other O&M	0	0	0	0	0	0	0	0	0	0
LCRA Charge - Above 201,000 AF	0	0	0	0	0	0	0	0	0	0
General Fund Transfer	367,318	411,440	455,563	499,685	543,807	587,930	632,052	680,784	734,126	792,078
Participation / Reimbursements	0	0	0	0	0	0	0	0	0	0
Assumed Debt Services Req.	0	0	0	0	0	0	0	0	0	0
Current Revenue Funding of CIP	1,204,251	1,204,251	1,204,251	1,204,251	1,204,251	1,204,251	1,204,251	1,729,294	1,729,294	1,729,294
Total Projected Requirements	\$3,457,638	\$3,704,020	\$3,950,402	\$4,196,784	\$4,443,166	\$4,689,548	\$4,935,930	\$5,775,361	\$6,094,357	\$6,417,964
COA LT Debt Service Requirements	\$2,172,743	\$2,476,275	\$2,777,929	\$3,080,797	\$3,383,976	\$3,684,508	\$3,985,635	\$4,286,748	\$4,590,198	\$4,977,771
Commercial Paper Interest	264,935	264,935	264,935	264,935	264,935	264,935	264,935	322,690	380,445	380,445
Debt Service Coverage	0	0	0	0	0	0	0	0	0	0
Total Estimated Requirements	\$5,895,316	\$6,445,230	\$6,993,266	\$7,542,516	\$8,092,078	\$8,638,991	\$9,186,500	\$10,384,799	\$11,065,000	\$11,776,179
30 YEAR ESTIMATED REQUIREMENTS										
EXCESS PROJECTED REVENUES	\$797,567	\$785,524	\$775,390	\$764,022	\$752,337	\$743,347	\$733,750	\$763,491	\$790,483	\$785,955
OVER ESTIMATED REQUIREMENTS	0.00000%	0.00000%	0.00000%	0.00000%	0.00000%	0.00000%	0.00000%	0.00000%	0.00000%	0.00000%
WASTEWATER UTILITY RATE IMPACT										
40 YEAR TOTAL RATE IMPACT	0.00000%	0.00000%	0.00000%	0.00000%	0.00000%	0.00000%	0.00000%	0.00000%	0.00000%	0.00000%
40 YEAR NET CASH FLOW:										
NPV OF BENEFITS/INVESTMENTS										
FINANCING REQUIREMENTS - BONDS										
Land and Land Rights	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Buildings and Improvements	4,817,002	4,817,002	4,817,002	4,817,002	4,817,002	4,817,002	4,817,002	4,817,002	4,817,002	6,917,178
Machinery and Equipment	0	0	0	0	0	0	0	0	0	0
Developer Reimbursements	0	0	0	0	0	0	0	0	0	0
Total Estimated Financing	\$4,817,002	\$4,817,002	\$4,817,002	\$4,817,002	\$4,817,002	\$4,817,002	\$4,817,002	\$4,817,002	\$4,817,002	\$6,917,178

Preliminary Draft
For Discussion Purposes Only
Results are based on very general
assumptions and are intended for
management use only.

CITY OF AUSTIN, TEXAS
WASTEWATER CCN
40 YEAR FINANCIAL ANALYSIS

WATER AND WASTEWATER - UTILITY FUND

REVENUES	2023-2024	2024-2025	2025-2026	2026-2027	2027-2028	2028-2029	2029-2030	2030-2031	2031-2032	2032-2033
Minimum Charge - Water	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Service Revenues - Water	0	0	0	0	0	0	0	0	0	0
Minimum Charge - Wastewater	1,333,550	1,418,664	1,503,778	1,588,891	1,674,005	1,759,118	1,844,232	1,929,065	2,013,898	2,098,730
Service Revenues - Wastewater	9,739,395	10,361,010	10,982,625	11,604,240	12,225,855	12,847,470	13,469,085	14,088,649	14,708,213	15,327,777
Capital Recovery Fees - Water	0	0	0	0	0	0	0	0	0	0
Capital Recovery Fees - Wastewater	2,182,400	2,182,400	2,182,400	2,182,400	2,182,400	2,182,400	2,182,400	2,175,200	2,175,200	2,175,200
Interest Income	13,252	12,372	11,490	10,536	9,590	8,583	7,508	3,374	1,925	360
MUD Surcharge for New Debt Service	0	0	0	0	0	0	0	0	0	0
Miscellaneous Revenues	0	0	0	0	0	0	0	0	0	0
Total Projected Revenues	\$13,268,597	\$13,974,445	\$14,680,292	\$15,386,066	\$16,091,849	\$16,797,570	\$17,503,224	\$18,196,288	\$18,899,235	\$19,602,068
30 YEAR PROJECTED REVENUES: GROSS REVENUES FOR G/F TRF:	11,072,945	11,779,674	12,486,402	13,193,131	13,899,859	14,606,588	15,313,317	16,017,714	16,722,111	17,426,508
REQUIREMENTS										
Operations & Maintenance - System	\$4,162,246	\$4,427,900	\$4,693,555	\$4,959,209	\$5,224,864	\$5,490,518	\$5,756,173	\$6,020,951	\$6,285,729	\$6,550,507
Other O&M	0	0	0	0	0	0	0	0	0	0
LCRA Charge - Above 201,000 AF	0	0	0	0	0	0	0	0	0	0
General Fund Transfer	850,030	907,981	965,933	1,023,885	1,081,837	1,139,788	1,197,740	1,255,628	1,313,453	1,371,213
Participation / Reimbursements	0	0	0	0	0	0	0	0	0	0
Assumed Debt Services Req.	0	0	0	0	0	0	0	0	0	0
Current Revenue Funding of CIP	1,729,294	1,729,294	1,729,294	1,729,294	1,729,294	1,729,294	1,729,294	1,879,795	1,879,795	1,879,795
Total Projected Requirements	\$6,741,570	\$7,065,176	\$7,388,782	\$7,712,389	\$8,035,995	\$8,359,601	\$8,683,208	\$9,156,374	\$9,478,977	\$9,801,516
COA LT Debt Service Requirements	\$5,376,062	\$5,809,504	\$6,243,002	\$6,680,659	\$7,117,830	\$7,558,511	\$8,003,053	\$8,446,741	\$8,894,789	\$9,366,038
Commercial Paper Interest	380,445	380,445	380,445	380,445	380,445	380,445	380,445	397,000	413,555	413,555
Debt Service Coverage	0	0	0	0	0	0	0	0	0	0
Total Estimated Requirements	\$12,498,077	\$13,255,125	\$14,012,229	\$14,773,492	\$15,534,270	\$16,298,557	\$17,066,706	\$18,000,116	\$18,787,321	\$19,581,108
30 YEAR ESTIMATED REQUIREMENTS										
EXCESS PROJECTED REVENUES OVER ESTIMATED REQUIREMENTS	\$770,520	\$719,320	\$668,063	\$612,574	\$557,579	\$499,013	\$436,519	\$196,172	\$111,915	\$20,960
WASTEWATER UTILITY RATE IMPACT 40 YEAR TOTAL RATE IMPACT	0.00000%	0.00000%	0.00000%	0.00000%	0.00000%	0.00000%	0.00000%	0.00000%	0.00000%	0.00000%
40 YEAR NET CASH FLOW: NPV OF BENEFITS/INVESTMENTS										
FINANCING REQUIREMENTS - BONDS										
Land and Land Rights	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Buildings and Improvements	6,917,178	6,917,178	6,917,178	6,917,178	6,917,178	6,917,178	6,917,178	6,917,178	6,917,178	7,519,181
Machinery and Equipment	0	0	0	0	0	0	0	0	0	0
Developer Reimbursements	0	0	0	0	0	0	0	0	0	0
Total Estimated Financing	\$6,917,178	\$6,917,178	\$6,917,178	\$6,917,178	\$6,917,178	\$6,917,178	\$6,917,178	\$6,917,178	\$6,917,178	\$7,519,181

Preliminary Draft

For Discussion Purposes Only
Results are based on very general assumptions and are intended for management use only.

CITY OF AUSTIN, TEXAS WASTEWATER CCN 40 YEAR FINANCIAL ANALYSIS

REVENUES

	2033-2034	2034-2035	2035-2036	2036-2037	2037-2038	2038-2039	2039-2040	2040-2041	2041-2042	2042-2043
Minimum Charge - Water	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Service Revenues - Water	0	0	0	0	0	0	0	0	0	0
Minimum Charge - Wastewater	2,183,563	2,268,396	2,353,229	2,438,062	2,522,894	2,607,727	2,692,560	2,692,560	2,692,560	2,692,560
Service Revenues - Wastewater	15,947,341	16,566,906	17,186,470	17,806,034	18,425,598	19,045,162	19,664,727	19,664,727	19,664,727	19,664,727
Capital Recovery Fees - Water	0	0	0	0	0	0	0	0	0	0
Capital Recovery Fees - Wastewater	2,175,200	2,175,200	2,175,200	2,175,200	2,175,200	2,175,200	2,175,200	2,175,200	2,175,200	2,175,200
Interest Income	0	0	4,877	8,515	5,500	8,371	11,217	1,537	0	0
MUD Surcharge for New Debt Service	0	0	0	0	0	0	0	0	0	0
Miscellaneous Revenues	0	0	0	0	0	0	0	0	0	0
Total Projected Revenues	\$20,306,105	\$21,010,502	\$21,719,775	\$22,427,810	\$23,129,192	\$23,836,461	\$24,543,704	\$22,358,823	\$22,357,287	\$22,357,287

30 YEAR PROJECTED REVENUES:

GROSS REVENUES FOR G/F TRF:

REQUIREMENTS

Operations & Maintenance - System										
Other O&M	\$6,815,285	\$7,080,064	\$7,344,842	\$7,609,620	\$7,874,398	\$8,139,176	\$8,403,954	\$8,403,954	\$8,403,954	\$8,403,954
LCRA Charge - Above 201,000 AF	0	0	0	0	0	0	0	0	0	0
General Fund Transfer	1,428,974	1,486,734	1,544,495	1,602,255	1,660,016	1,717,776	1,775,537	1,814,044	1,833,298	1,833,298
Participation / Reimbursements	0	0	0	0	0	0	0	0	0	0
Assumed Debt Services Req.	0	0	0	0	0	0	0	0	0	0
Current Revenue Funding of CIP	1,879,795	1,879,795	1,879,795	1,879,795	1,879,795	1,879,795	1,879,795	1,879,795	1,879,795	1,879,795
Total Projected Requirements	\$10,124,054	\$10,446,593	\$10,769,132	\$11,091,670	\$11,414,209	\$11,736,748	\$12,059,286	\$10,217,998	\$10,237,252	\$10,237,252
COA LT Debt Service Requirements	\$9,844,096	\$10,333,934	\$10,253,536	\$10,427,521	\$10,981,663	\$11,199,429	\$11,418,668	\$11,637,922	\$11,858,278	\$11,733,508
Commercial Paper Interest	413,555	413,555	413,555	413,555	413,555	413,555	413,555	413,555	413,555	413,555
Debt Service Coverage	0	0	0	0	0	0	0	1,274,415	1,587,232	1,400,076
Total Estimated Requirements	\$20,381,705	\$21,194,082	\$21,436,223	\$21,932,746	\$22,809,427	\$23,349,732	\$23,891,509	\$23,543,890	\$24,096,317	\$23,784,391

30 YEAR ESTIMATED REQUIREMENTS

EXCESS PROJECTED REVENUES

OVER ESTIMATED REQUIREMENTS

WASTEWATER UTILITY RATE IMPACT

40 YEAR TOTAL RATE IMPACT

40 YEAR NET CASH FLOW:

NPV OF BENEFITS/INVESTMENTS

FINANCING REQUIREMENTS - BONDS

Land and Land Rights	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Buildings and Improvements	7,519,181	7,519,181	7,519,181	7,519,181	7,519,181	7,519,181	7,519,181	7,519,181	7,519,181	7,519,181
Machinery and Equipment	0	0	0	0	0	0	0	0	0	0
Developer Reimbursements	0	0	0	0	0	0	0	0	0	0
Total Estimated Financing	\$7,519,181	\$7,519,181	\$7,519,181	\$7,519,181	\$7,519,181	\$7,519,181	\$7,519,181	\$7,519,181	\$7,519,181	\$7,519,181

Preliminary Draft

For Discussion Purposes Only

Results are based on very general assumptions and are intended for management use only.

CITY OF AUSTIN, TEXAS

WASTEWATER CCN

40 YEAR FINANCIAL ANALYSIS

	40 Yr. Totals	25 Yr. Totals
REVENUES		
Minimum Charge - Water	\$0	\$0
Service Revenues - Water	0	0
Minimum Charge - Wastewater	0	19,391,674
Service Revenues - Wastewater	395,701,925	141,624,314
Capital Recovery Fees - Water	0	0
Capital Recovery Fees - Wastewater	69,040,000	42,923,200
Interest Income	354,029	292,263
MUD Surcharge for New Debt Service	0	0
Miscellaneous Revenues	0	0
Total Projected Revenues	<u>\$519,276,782</u>	<u>\$204,231,450</u>
30 YEAR PROJECTED REVENUES:		
GROSS REVENUES FOR G/F TRF:	449,882,753	161,015,987
REQUIREMENTS		
Operations & Maintenance - System	\$169,107,908	\$60,524,829
Other O&M	0	0
LCRA Charge - Above 201,000 AF	0	0
General Fund Transfer	35,089,254	12,115,006
Participation / Reimbursements	0	0
Assumed Debt Services Req.	0	0
Current Revenue Funding of CIP	55,275,923	33,019,383
Total Projected Requirements	<u>\$259,473,086</u>	<u>\$105,659,217</u>
COA LT Debt Service Requirements	\$226,462,863	\$74,505,176
Commercial Paper Interest	13,194,591	7,074,042
Debt Service Coverage	4,261,723	0
Total Estimated Requirements	<u>\$503,392,263</u>	<u>\$187,238,435</u>
30 YEAR ESTIMATED REQUIREMENTS		
EXCESS PROJECTED REVENUES	\$15,884,519	\$16,993,016
OVER ESTIMATED REQUIREMENTS		
WASTEWATER UTILITY RATE IMPACT	0.72633%	
40 YEAR TOTAL RATE IMPACT		
40 YEAR NET CASH FLOW:		
NPV OF BENEFITS/INVESTMENTS		
FINANCING REQUIREMENTS - BONDS		
Land and Land Rights	\$0	\$0
Buildings and Improvements	\$221,103,694	\$118,243,175
Machinery and Equipment	\$0	\$0
Developer Reimbursements	\$0	\$0
Total Estimated Financing	<u>\$221,103,694</u>	<u>\$118,243,175</u>

Preliminary Draft

For Discussion Purposes Only
Results are based on very general assumptions and are intended for management use only.

**CITY OF AUSTIN, TEXAS
WASTEWATER CCN
40 YEAR FINANCIAL ANALYSIS**

INCREMENTAL DEVELOPMENT ASSUMPTIONS

	2003-2004	2004-2005	2005-2006	2006-2007	2007-2008	2008-2009	2009-2010	2010-2011	2011-2012	2012-2013
<u>Outside-City Retail Development</u>										
Single Family (SUs)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Multifamily (SUs)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Retail Center (SUs)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Commercial (SUs)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Incremental Water Service Units	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Single Family (SUs)	1,580.00	1,580.00	1,580.00	1,580.00	1,580.00	1,580.00	1,580.00	2,077.00	2,077.00	2,077.00
Multifamily (SUs)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Retail Center (SUs)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Commercial (SUs)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Incremental Wastewater Service Units	1,580.00	1,580.00	1,580.00	1,580.00	1,580.00	1,580.00	1,580.00	2,077.00	2,077.00	2,077.00
<u>Meters by Size</u>										
5/8"	1,580	1,580	1,580	1,580	1,580	1,580	1,580	2,077	2,077	2,077
3/4"	0	0	0	0	0	0	0	0	0	0
1"	0	0	0	0	0	0	0	0	0	0
1 1/4"	0	0	0	0	0	0	0	0	0	0
1 1/2"	0	0	0	0	0	0	0	0	0	0
2"	0	0	0	0	0	0	0	0	0	0
3"	0	0	0	0	0	0	0	0	0	0
4"	0	0	0	0	0	0	0	0	0	0
6"	0	0	0	0	0	0	0	0	0	0
8"	0	0	0	0	0	0	0	0	0	0
10"	0	0	0	0	0	0	0	0	0	0
12"	0	0	0	0	0	0	0	0	0	0
Total Incremental Meters	1,580	1,580	1,580	1,580	1,580	1,580	1,580	2,077	2,077	2,077
<u>Water Consumption (gallons)</u>										
Single Family	0	0	0	0	0	0	0	0	0	0
Multifamily	0	0	0	0	0	0	0	0	0	0
Retail Center	0	0	0	0	0	0	0	0	0	0
Commercial	0	0	0	0	0	0	0	0	0	0
Incremental Water Consumption (gallons)	0	0	0	0	0	0	0	0	0	0
<u>Wastewater Flows (gallons)</u>										
Single Family	80,219,760	80,219,760	80,219,760	80,219,760	80,219,760	80,219,760	80,219,760	105,453,444	105,453,444	105,453,444
Multifamily	0	0	0	0	0	0	0	0	0	0
Retail Center	0	0	0	0	0	0	0	0	0	0
Commercial	0	0	0	0	0	0	0	0	0	0
Incremental Wastewater Flows (gallons)	80,219,760	80,219,760	80,219,760	80,219,760	80,219,760	80,219,760	80,219,760	105,453,444	105,453,444	105,453,444

Preliminary Draft
For Discussion Purposes Only
 Results are based on very general
 assumptions and are intended for
 management use only.

CITY OF AUSTIN, TEXAS
WASTEWATER CCN
40 YEAR FINANCIAL ANALYSIS

INCREMENTAL DEVELOPMENT ASSUMPTIONS

	2013-2014	2014-2015	2015-2016	2016-2017	2017-2018	2018-2019	2019-2020	2020-2021	2021-2022
<u>Outside-City Retail Development</u>									
Single Family (SUs)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Multifamily (SUs)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Retail Center (SUs)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Commercial (SUs)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Incremental Water Service Units	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Single Family (SUs)	2,077.00	2,077.00	2,077.00	2,077.00	2,077.00	2,077.00	2,077.00	2,728.00	2,728.00
Multifamily (SUs)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Retail Center (SUs)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Commercial (SUs)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Incremental Wastewater Service Units	2,077.00	2,077.00	2,077.00	2,077.00	2,077.00	2,077.00	2,077.00	2,728.00	2,728.00
<u>Meters by Size</u>									
5/8"	2,077	2,077	2,077	2,077	2,077	2,077	2,077	2,728	2,728
3/4"	0	0	0	0	0	0	0	0	0
1"	0	0	0	0	0	0	0	0	0
1 1/4"	0	0	0	0	0	0	0	0	0
1 1/2"	0	0	0	0	0	0	0	0	0
2"	0	0	0	0	0	0	0	0	0
3"	0	0	0	0	0	0	0	0	0
4"	0	0	0	0	0	0	0	0	0
6"	0	0	0	0	0	0	0	0	0
8"	0	0	0	0	0	0	0	0	0
10"	0	0	0	0	0	0	0	0	0
12"	0	0	0	0	0	0	0	0	0
Total Incremental Meters	2,077	2,077	2,077	2,077	2,077	2,077	2,077	2,728	2,728
<u>Water Consumption (gallons)</u>									
Single Family	0	0	0	0	0	0	0	0	0
Multifamily	0	0	0	0	0	0	0	0	0
Retail Center	0	0	0	0	0	0	0	0	0
Commercial	0	0	0	0	0	0	0	0	0
Incremental Water Consumption (gallons)	0	0	0	0	0	0	0	0	0
<u>Wastewater Flows (gallons)</u>									
Single Family	105,453,444	105,453,444	105,453,444	105,453,444	105,453,444	105,453,444	105,453,444	138,506,016	138,506,016
Multifamily	0	0	0	0	0	0	0	0	0
Retail Center	0	0	0	0	0	0	0	0	0
Commercial	0	0	0	0	0	0	0	0	0
Incremental Wastewater Flows (gallons)	105,453,444	105,453,444	105,453,444	105,453,444	105,453,444	105,453,444	105,453,444	138,506,016	138,506,016

Preliminary Draft
For Discussion Purposes Only
 Results are based on very general assumptions and are intended for management use only.

CITY OF AUSTIN, TEXAS
WASTEWATER CCN
40 YEAR FINANCIAL ANALYSIS

INCREMENTAL DEVELOPMENT ASSUMPTIONS

	2022-2023	2023-2024	2024-2025	2025-2026	2026-2027	2027-2028	2028-2029	2029-2030	2030-2031
<u>Outside-City Retail Development</u>									
Single Family (SUs)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Multifamily (SUs)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Retail Center (SUs)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Commercial (SUs)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Incremental Water Service Units	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Single Family (SUs)	2,728.00	2,728.00	2,728.00	2,728.00	2,728.00	2,728.00	2,728.00	2,728.00	2,719.00
Multifamily (SUs)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Retail Center (SUs)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Commercial (SUs)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Incremental Wastewater Service Units	2,728.00	2,728.00	2,728.00	2,728.00	2,728.00	2,728.00	2,728.00	2,728.00	2,719.00
<u>Meters by Size</u>									
5/8"	2,728	2,728	2,728	2,728	2,728	2,728	2,728	2,728	2,719
3/4"	0	0	0	0	0	0	0	0	0
1"	0	0	0	0	0	0	0	0	0
1 1/4"	0	0	0	0	0	0	0	0	0
1 1/2"	0	0	0	0	0	0	0	0	0
2"	0	0	0	0	0	0	0	0	0
3"	0	0	0	0	0	0	0	0	0
4"	0	0	0	0	0	0	0	0	0
6"	0	0	0	0	0	0	0	0	0
8"	0	0	0	0	0	0	0	0	0
10"	0	0	0	0	0	0	0	0	0
12"	0	0	0	0	0	0	0	0	0
Total Incremental Meters	2,728	2,728	2,728	2,728	2,728	2,728	2,728	2,728	2,719
<u>Water Consumption (gallons)</u>									
Single Family	0	0	0	0	0	0	0	0	0
Multifamily	0	0	0	0	0	0	0	0	0
Retail Center	0	0	0	0	0	0	0	0	0
Commercial	0	0	0	0	0	0	0	0	0
Incremental Water Consumption (gallons)	0	0	0	0	0	0	0	0	0
<u>Wastewater Flows (gallons)</u>									
Single Family	138,506,016	138,506,016	138,506,016	138,506,016	138,506,016	138,506,016	138,506,016	138,506,016	138,049,068
Multifamily	0	0	0	0	0	0	0	0	0
Retail Center	0	0	0	0	0	0	0	0	0
Commercial	0	0	0	0	0	0	0	0	0
Incremental Wastewater Flows (gallons)	138,506,016	138,506,016	138,506,016	138,506,016	138,506,016	138,506,016	138,506,016	138,506,016	138,049,068

Preliminary Draft
For Discussion Purposes Only
 Results are based on very general
 assumptions and are intended for
 management use only.

CITY OF AUSTIN, TEXAS
WASTEWATER CCN
40 YEAR FINANCIAL ANALYSIS

INCREMENTAL DEVELOPMENT ASSUMPTIONS

	2031-2032	2032-2033	2033-2034	2034-2035	2035-2036	2036-2037	2037-2038	2038-2039	2039-2040
<u>Outside-City Retail Development</u>									
Single Family (SUs)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Multifamily (SUs)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Retail Center (SUs)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Commercial (SUs)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Incremental Water Service Units	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Single Family (SUs)	2,719.00	2,719.00	2,719.00	2,719.00	2,719.00	2,719.00	2,719.00	2,719.00	2,719.00
Multifamily (SUs)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Retail Center (SUs)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Commercial (SUs)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Incremental Wastewater Service Units	2,719.00	2,719.00	2,719.00	2,719.00	2,719.00	2,719.00	2,719.00	2,719.00	2,719.00
<u>Meters by Size</u>									
5/8"	2,719	2,719	2,719	2,719	2,719	2,719	2,719	2,719	2,719
3/4"	0	0	0	0	0	0	0	0	0
1"	0	0	0	0	0	0	0	0	0
1 1/4"	0	0	0	0	0	0	0	0	0
1 1/2"	0	0	0	0	0	0	0	0	0
2"	0	0	0	0	0	0	0	0	0
3"	0	0	0	0	0	0	0	0	0
4"	0	0	0	0	0	0	0	0	0
6"	0	0	0	0	0	0	0	0	0
8"	0	0	0	0	0	0	0	0	0
10"	0	0	0	0	0	0	0	0	0
12"	0	0	0	0	0	0	0	0	0
Total Incremental Meters	2,719	2,719	2,719	2,719	2,719	2,719	2,719	2,719	2,719
<u>Water Consumption (gallons)</u>									
Single Family	0	0	0	0	0	0	0	0	0
Multifamily	0	0	0	0	0	0	0	0	0
Retail Center	0	0	0	0	0	0	0	0	0
Commercial	0	0	0	0	0	0	0	0	0
Incremental Water Consumption (gallons)	0	0	0	0	0	0	0	0	0
<u>Wastewater Flows (gallons)</u>									
Single Family	138,049,068	138,049,068	138,049,068	138,049,068	138,049,068	138,049,068	138,049,068	138,049,068	138,049,068
Multifamily	0	0	0	0	0	0	0	0	0
Retail Center	0	0	0	0	0	0	0	0	0
Commercial	0	0	0	0	0	0	0	0	0
Incremental Wastewater Flows (gallons)	138,049,068	138,049,068	138,049,068	138,049,068	138,049,068	138,049,068	138,049,068	138,049,068	138,049,068

Preliminary Draft

For Discussion Purposes Only
Results are based on very general assumptions and are intended for management use only.

**CITY OF AUSTIN, TEXAS
WASTEWATER CCN
40 YEAR FINANCIAL ANALYSIS**

INCREMENTAL DEVELOPMENT ASSUMPTIONS

2040-2041 2041-2042 2042-2043

Outside-City Retail Development

Single Family (SUs) 0.00 0.00 0.00
Multifamily (SUs) 0.00 0.00 0.00
Retail Center (SUs) 0.00 0.00 0.00
Commercial (SUs) 0.00 0.00 0.00

Incremental Water Service Units

Single Family (SUs) 0.00 0.00 0.00
Multifamily (SUs) 0.00 0.00 0.00
Retail Center (SUs) 0.00 0.00 0.00
Commercial (SUs) 0.00 0.00 0.00

Incremental Wastewater Service Units

0.00 0.00 0.00

Meters by Size

5/8"	0	0	0
3/4"	0	0	0
1"	0	0	0
1 1/4"	0	0	0
1 1/2"	0	0	0
2"	0	0	0
3"	0	0	0
4"	0	0	0
6"	0	0	0
8"	0	0	0
10"	0	0	0
12"	0	0	0
Total Incremental Meters	0	0	0

Water Consumption (gallons)

Single Family 0 0 0
Multifamily 0 0 0
Retail Center 0 0 0
Commercial 0 0 0

Incremental Water Consumption (gallons)

0 0 0

Wastewater Flows (gallons)

Single Family 0 0 0
Multifamily 0 0 0
Retail Center 0 0 0
Commercial 0 0 0

Incremental Wastewater Flows (gallons)

0 0 0

**CITY OF AUSTIN, TEXAS
WASTEWATER CCN
40 YEAR FINANCIAL ANALYSIS**

CUMULATIVE DEVELOPMENT ASSUMPTIONS

<u>Outside-City Retail Development</u>	<u>2003-2004</u>	<u>2004-2005</u>	<u>2005-2006</u>	<u>2006-2007</u>	<u>2007-2008</u>	<u>2008-2009</u>	<u>2009-2010</u>	<u>2010-2011</u>	<u>2011-2012</u>	<u>2012-2013</u>
Single Family (SUs)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Multifamily (SUs)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Retail Center (SUs)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Commercial (SUs)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Cumulative Water Service Units	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Single Family (SUs)	1580.0	3160.0	4740.0	6320.0	7900.0	9480.0	11060.0	13137.0	15214.0	17291.0
Multifamily (SUs)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Retail Center (SUs)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Commercial (SUs)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Cumulative Wastewater Service Units	1580.0	3160.0	4740.0	6320.0	7900.0	9480.0	11060.0	13137.0	15214.0	17291.0
<u>Meters by Size</u>										
5/8"	1,580	3,160	4,740	6,320	7,900	9,480	11,060	13,137	15,214	17,291
3/4"	0	0	0	0	0	0	0	0	0	0
1"	0	0	0	0	0	0	0	0	0	0
1 1/4"	0	0	0	0	0	0	0	0	0	0
1 1/2"	0	0	0	0	0	0	0	0	0	0
2"	0	0	0	0	0	0	0	0	0	0
3"	0	0	0	0	0	0	0	0	0	0
4"	0	0	0	0	0	0	0	0	0	0
6"	0	0	0	0	0	0	0	0	0	0
8"	0	0	0	0	0	0	0	0	0	0
10"	0	0	0	0	0	0	0	0	0	0
12"	0	0	0	0	0	0	0	0	0	0
Total Cumulative Meters	1,580	3,160	4,740	6,320	7,900	9,480	11,060	13,137	15,214	17,291
<u>Water Consumption (gallons)</u>										
Single Family	0	0	0	0	0	0	0	0	0	0
Multifamily	0	0	0	0	0	0	0	0	0	0
Retail Center	0	0	0	0	0	0	0	0	0	0
Commercial	0	0	0	0	0	0	0	0	0	0
Cumulative Water Consumption (gallons)	0	0	0	0	0	0	0	0	0	0
<u>Wastewater Flows (gallons)</u>										
Single Family	80,219,760	160,439,520	240,659,280	320,879,040	401,098,800	481,318,560	561,538,320	666,991,764	772,445,208	877,898,652
Multifamily	0	0	0	0	0	0	0	0	0	0
Retail Center	0	0	0	0	0	0	0	0	0	0
Commercial	0	0	0	0	0	0	0	0	0	0
Cumulative Wastewater Flows (gallons)	80,219,760	160,439,520	240,659,280	320,879,040	401,098,800	481,318,560	561,538,320	666,991,764	772,445,208	877,898,652

**CITY OF AUSTIN, TEXAS
WASTEWATER CCN
40 YEAR FINANCIAL ANALYSIS**

CUMULATIVE DEVELOPMENT ASSUMPTIONS

<u>Outside-City Retail Development</u>	<u>2013-2014</u>	<u>2014-2015</u>	<u>2015-2016</u>	<u>2016-2017</u>	<u>2017-2018</u>	<u>2018-2019</u>	<u>2019-2020</u>	<u>2020-2021</u>	<u>2021-2022</u>
Single Family (SUs)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Multifamily (SUs)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Retail Center (SUs)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Commercial (SUs)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Cumulative Water Service Units	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Single Family (SUs)	19368.0	21445.0	23522.0	25599.0	27676.0	29753.0	31830.0	34558.0	37286.0
Multifamily (SUs)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Retail Center (SUs)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Commercial (SUs)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Cumulative Wastewater Service Units	19368.0	21445.0	23522.0	25599.0	27676.0	29753.0	31830.0	34558.0	37286.0
<u>Meters by Size</u>									
5/8"	19,368	21,445	23,522	25,599	27,676	29,753	31,830	34,558	37,286
3/4"	0	0	0	0	0	0	0	0	0
1"	0	0	0	0	0	0	0	0	0
1 1/4"	0	0	0	0	0	0	0	0	0
1 1/2"	0	0	0	0	0	0	0	0	0
2"	0	0	0	0	0	0	0	0	0
3"	0	0	0	0	0	0	0	0	0
4"	0	0	0	0	0	0	0	0	0
6"	0	0	0	0	0	0	0	0	0
8"	0	0	0	0	0	0	0	0	0
10"	0	0	0	0	0	0	0	0	0
12"	0	0	0	0	0	0	0	0	0
Total Cumulative Meters	19,368	21,445	23,522	25,599	27,676	29,753	31,830	34,558	37,286
<u>Water Consumption (gallons)</u>									
Single Family	0	0	0	0	0	0	0	0	0
Multifamily	0	0	0	0	0	0	0	0	0
Retail Center	0	0	0	0	0	0	0	0	0
Commercial	0	0	0	0	0	0	0	0	0
Cumulative Water Consumption (gallons)	0	0	0	0	0	0	0	0	0
<u>Wastewater Flows (gallons)</u>									
Single Family	983,352,096	1,088,805,540	1,194,258,984	1,299,712,428	1,405,165,872	1,510,619,316	1,616,072,760	1,754,578,776	1,893,084,792
Multifamily	0	0	0	0	0	0	0	0	0
Retail Center	0	0	0	0	0	0	0	0	0
Commercial	0	0	0	0	0	0	0	0	0
Cumulative Wastewater Flows (gallons)	983,352,096	1,088,805,540	1,194,258,984	1,299,712,428	1,405,165,872	1,510,619,316	1,616,072,760	1,754,578,776	1,893,084,792

**CITY OF AUSTIN, TEXAS
WASTEWATER CCN
40 YEAR FINANCIAL ANALYSIS**

CUMULATIVE DEVELOPMENT ASSUMPTIONS

<u>Outside-City Retail Development</u>	<u>2022-2023</u>	<u>2023-2024</u>	<u>2024-2025</u>	<u>2025-2026</u>	<u>2026-2027</u>	<u>2027-2028</u>	<u>2028-2029</u>	<u>2029-2030</u>	<u>2030-2031</u>
Single Family (SUs)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Multifamily (SUs)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Retail Center (SUs)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Commercial (SUs)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Cumulative Water Service Units	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Single Family (SUs)	40014.0	42742.0	45470.0	48198.0	50926.0	53654.0	56382.0	59110.0	61829.0
Multifamily (SUs)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Retail Center (SUs)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Commercial (SUs)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Cumulative Wastewater Service Units	40014.0	42742.0	45470.0	48198.0	50926.0	53654.0	56382.0	59110.0	61829.0
<u>Meters by Size</u>									
5/8"	40,014	42,742	45,470	48,198	50,926	53,654	56,382	59,110	61,829
3/4"	0	0	0	0	0	0	0	0	0
1"	0	0	0	0	0	0	0	0	0
1 1/4"	0	0	0	0	0	0	0	0	0
1 1/2"	0	0	0	0	0	0	0	0	0
2"	0	0	0	0	0	0	0	0	0
3"	0	0	0	0	0	0	0	0	0
4"	0	0	0	0	0	0	0	0	0
6"	0	0	0	0	0	0	0	0	0
8"	0	0	0	0	0	0	0	0	0
10"	0	0	0	0	0	0	0	0	0
12"	0	0	0	0	0	0	0	0	0
Total Cumulative Meters	40,014	42,742	45,470	48,198	50,926	53,654	56,382	59,110	61,829
<u>Water Consumption (gallons)</u>									
Single Family	0	0	0	0	0	0	0	0	0
Multifamily	0	0	0	0	0	0	0	0	0
Retail Center	0	0	0	0	0	0	0	0	0
Commercial	0	0	0	0	0	0	0	0	0
Cumulative Water Consumption (gallons)	0	0	0	0	0	0	0	0	0
<u>Wastewater Flows (gallons)</u>									
Single Family	2,031,590,808	2,170,096,824	2,308,602,840	2,447,108,856	2,585,614,872	2,724,120,888	2,862,626,904	3,001,132,920	3,139,181,988
Multifamily	0	0	0	0	0	0	0	0	0
Retail Center	0	0	0	0	0	0	0	0	0
Commercial	0	0	0	0	0	0	0	0	0
Cumulative Wastewater Flows (gallons)	2,031,590,808	2,170,096,824	2,308,602,840	2,447,108,856	2,585,614,872	2,724,120,888	2,862,626,904	3,001,132,920	3,139,181,988

**CITY OF AUSTIN, TEXAS
WASTEWATER CCN
40 YEAR FINANCIAL ANALYSIS**

CUMULATIVE DEVELOPMENT ASSUMPTIONS

<u>Outside-City Retail Development</u>	<u>2031-2032</u>	<u>2032-2033</u>	<u>2033-2034</u>	<u>2034-2035</u>	<u>2035-2036</u>	<u>2036-2037</u>	<u>2037-2038</u>	<u>2038-2039</u>	<u>2039-2040</u>
Single Family (SUs)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Multifamily (SUs)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Retail Center (SUs)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Commercial (SUs)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Cumulative Water Service Units	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Single Family (SUs)	64548.0	67267.0	69986.0	72705.0	75424.0	78143.0	80862.0	83581.0	86300.0
Multifamily (SUs)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Retail Center (SUs)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Commercial (SUs)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Cumulative Wastewater Service Units	64548.0	67267.0	69986.0	72705.0	75424.0	78143.0	80862.0	83581.0	86300.0
<u>Meters by Size</u>									
5/8"	64,548	67,267	69,986	72,705	75,424	78,143	80,862	83,581	86,300
3/4"	0	0	0	0	0	0	0	0	0
1"	0	0	0	0	0	0	0	0	0
1 1/4"	0	0	0	0	0	0	0	0	0
1 1/2"	0	0	0	0	0	0	0	0	0
2"	0	0	0	0	0	0	0	0	0
3"	0	0	0	0	0	0	0	0	0
4"	0	0	0	0	0	0	0	0	0
6"	0	0	0	0	0	0	0	0	0
8"	0	0	0	0	0	0	0	0	0
10"	0	0	0	0	0	0	0	0	0
12"	0	0	0	0	0	0	0	0	0
Total Cumulative Meters	64,548	67,267	69,986	72,705	75,424	78,143	80,862	83,581	86,300
<u>Water Consumption (gallons)</u>									
Single Family	0	0	0	0	0	0	0	0	0
Multifamily	0	0	0	0	0	0	0	0	0
Retail Center	0	0	0	0	0	0	0	0	0
Commercial	0	0	0	0	0	0	0	0	0
Cumulative Water Consumption (gallons)	0	0	0	0	0	0	0	0	0
<u>Wastewater Flows (gallons)</u>									
Single Family	3,277,231,056	3,415,280,124	3,553,329,192	3,691,378,260	3,829,427,328	3,967,476,396	4,105,525,464	4,243,574,532	4,381,623,600
Multifamily	0	0	0	0	0	0	0	0	0
Retail Center	0	0	0	0	0	0	0	0	0
Commercial	0	0	0	0	0	0	0	0	0
Cumulative Wastewater Flows (gallons)	3,277,231,056	3,415,280,124	3,553,329,192	3,691,378,260	3,829,427,328	3,967,476,396	4,105,525,464	4,243,574,532	4,381,623,600

**CITY OF AUSTIN, TEXAS
WASTEWATER CCN
40 YEAR FINANCIAL ANALYSIS**

CUMULATIVE DEVELOPMENT ASSUMPTIONS

	2040-2041	2041-2042	2042-2043
<u>Outside-City Retail Development</u>			
Single Family (SUs)	0.0	0.0	0.0
Multifamily (SUs)	0.0	0.0	0.0
Retail Center (SUs)	0.0	0.0	0.0
Commercial (SUs)	0.0	0.0	0.0
Cumulative Water Service Units	0.0	0.0	0.0
Single Family (SUs)	86300.0	86300.0	86300.0
Multifamily (SUs)	0.0	0.0	0.0
Retail Center (SUs)	0.0	0.0	0.0
Commercial (SUs)	0.0	0.0	0.0
Cumulative Wastewater Service Units	86300.0	86300.0	86300.0
<u>Meters by Size</u>			
5/8"	86,300	86,300	86,300
3/4"	0	0	0
1"	0	0	0
1 1/4"	0	0	0
1 1/2"	0	0	0
2"	0	0	0
3"	0	0	0
4"	0	0	0
6"	0	0	0
8"	0	0	0
10"	0	0	0
12"	0	0	0
Total Cumulative Meters	86,300	86,300	86,300
<u>Water Consumption (gallons)</u>			
Single Family	0	0	0
Multifamily	0	0	0
Retail Center	0	0	0
Commercial	0	0	0
Cumulative Water Consumption (gallons)	0	0	0
<u>Wastewater Flows (gallons)</u>			
Single Family	4,381,623,600	4,381,623,600	4,381,623,600
Multifamily	0	0	0
Retail Center	0	0	0
Commercial	0	0	0
Cumulative Wastewater Flows (gallons)	4,381,623,600	4,381,623,600	4,381,623,600