



Water Rates

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- **Cost of service allocation methodologies approved during 2009 Red Oak study continue to be utilized.**
- **Rate design policies approved by Council.**
 - Residential class remains below cost of service, but is transitioning to cost.
 - Multifamily and Wholesale at cost of service
 - Commercial and Large Volume currently at 7% above cost of service. A 1% transition to cost is proposed for FY 2013 to 6% above cost.
 - **Changes:** Water Revenue Stability Fee eliminated
New Fixed Charge Structure (All Classes)
New Reserve Fund

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• **Peaking Factor Methodology:**

- 3-year rolling average of NCPs continues
- Dropped FY 2007-08
- Added FY 2010-11

• **Variance in customer class percentage rate changes *partially* result from:**

- Customer class variances between NCPs in FY 2007-08 and NCPs in FY 2010-11
- Customer classes with higher than average change in NCPs will generally have a higher than average rate increase
- Customer classes with lower than average change in NCPs will generally have a lower than average rate increase

NCP Comparison - Retail

MAX DAY NCPs

	COS 2011-12 3 Year Average FY 2007-08 to FY 2009-10	COS 2012-13 3 Year Average FY 2008-09 to FY 2010-11	Percent Change
Retail			
Personnel	160	178	4.6%
Multipass	120	137	8.0%
Cymmercau	152	169	6.2%
Large Volume			
Hospita	168	157	-0.6%
Spasation	181	128	-3.0%
Procedural	126	158	1.0%
Ramsong	129	134	-1.5%
Generalist	130	133	1.5%
University of Texas	148	159	0.2%
Retail Average	148	148	2.0%

MAX HOUR NCPs

	COS 2011-12 3 Year Average FY 2007-08 to FY 2009-10	COS 2012-13 3 Year Average FY 2008-09 to FY 2010-11
Personnel	249	198
Multipass	191	201
Cymmercau	225	224
Hospita	208	214
Spasation	154	200
Procedural	165	188
Ramsong	202	187
Generalist	162	194
University of Texas	217	224
Retail Average	207	218

NCP Comparison - Wholesale



MAX DAY NCPs

MAX HOUR NCPs

	3 Year Average FY 2007-09 to FY 2009-10	3 Year Average FY 2009-10 to FY 2010-11	Percent Change	3 Year Average FY 2007-09 to FY 2009-10	3 Year Average FY 2009-10 to FY 2010-11	Percent Change
Wholesale						
Chandross-Mate W.S.	148	160	7.9%	219	235	7.2%
High Valley W.S.C.	158	163	3.0%	234	247	5.0%
Lost Creek MUD	182	211	15.0%	234	211	-9.7%
City of Manor	169	180	6.0%	270	272	0.5%
Marble W.S.C.	231	249	7.6%	337	341	0.9%
Marble W.S.C.	159	163	2.3%	248	250	0.7%
Marble W.S.C.	182	181	-0.5%	310	313	0.9%
High Peak W.S.C.	154	169	9.6%	227	239	5.0%
North Austin MUD #1	188	177	-5.6%	246	231	-5.9%
Northstar MUD	183	163	-10.8%	255	258	1.0%
Swainsboro MUD	205	222	7.7%	303	328	7.8%
Hallwood, City of	190	211	10.5%	265	271	2.1%
Shady Hollow MUD	201	209	3.6%	287	307	6.8%
Sunset Valley, City of	165	170	2.8%	254	259	1.8%
Village of San Leon	134	142	5.6%	272	288	5.5%
Travis Co. WCD #10	138	135	-1.9%	278	274	-1.2%
Wells Branch MUD	150	167	10.5%	231	247	6.8%
Whitmore	220	228	3.5%	259	265	2.1%
Wholesale Average	177	187	5.4%	259	269	3.7%

Proposed FY 2013 Water Rates (Includes Reserve Fund)



% Revenue

Change

Residential	6.5%
Multifamily	7.5%
Commercial	6.2%
Large Volume	3.5%
Wholesale	7.7%
Systemwide Water (With Reserve Fund)	6.5%

Historical Forecasts without Reserve	Forecast 04/2010	Forecast 04/2011	Forecast 04/2012	Budget 07/2012
Fiscal Year	2010	2011	2012	2013
Water:	6.6%	11.2%	6.8%	5.0%
Wastewater:	4.3%	3.8%	4.6%	6.0%
Combined:	5.5%	7.0%	5.6%	5.5%

Proposed FY 2013 Water Rates



- See handouts

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Wastewater Rates

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- Cost of service allocation methodologies approved during 2009 Red Oak study continue to be utilized.
- No change to rate design policies approved by Council.
 - All customer classes remain at cost of service

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Proposed FY 2013 WW Rates



	Current 2012	Proposed 2013	% Revenue Change
Minimum Charge	\$9.25	\$10.00	7.4%
Residential			7.5%
0 – 2,000 Gals	\$3.79	\$4.31	
2,001 – Over Gals.	\$8.88	\$8.92	
Multifamily	\$7.71	\$8.21	6.0%
Commercial	\$7.81	\$8.23	5.0%
Large Volume (varies – see next slides)			3.8%
Wholesale (varies – see next slides)			5.0%
Systemwide			6.0%

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Proposed FY 2013 WW Rates

Large Volume Detail



	Current 2012	Proposed 2013	% Revenue Change
Systemwide Wastewater (All Classes)			6.0%
Average Large Volume			3.8%
FreeScale	\$ 7.19	\$ 7.67	6.1%
Hospira	\$ 7.59	\$ 8.01	5.0%
Samsung	\$ 6.80	\$ 6.93	1.9%
Sematech	\$ 6.85	\$ 7.70	11.3%
Spanston	\$ 6.73	\$ 7.06	4.5%
UT Austin	\$ 7.65	\$ 8.21	6.7%

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Proposed FY 2013 WW Rates

Wholesale Detail



	Current 2012	Proposed 2013	% Revenue Change
Systemwide Water (All Classes)			6.0%
Average Wholesale			5.0%
Comanche Canyon (WCID 17)	\$3.85	\$3.89	0.7%
Manor, City of	\$5.13	\$5.48	6.3%
North Austin MUD	\$5.19	\$5.52	5.9%
Northtown MUD	\$5.11	\$5.41	5.4%
Rollingwood, City of	\$5.18	\$5.45	4.0%
Shady Hollow MUD	\$5.16	\$5.44	4.8%
Sunset Valley, City of	\$5.17	\$5.44	4.8%
Steiner Ranch (WCID 17)	\$3.74	\$3.88	3.5%
Wells Branch MUD	\$5.19	\$5.41	3.9%
Westlake Hills, City of	\$4.90	\$5.37	8.8%

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Large Volume & Wholesale Rate Questions?

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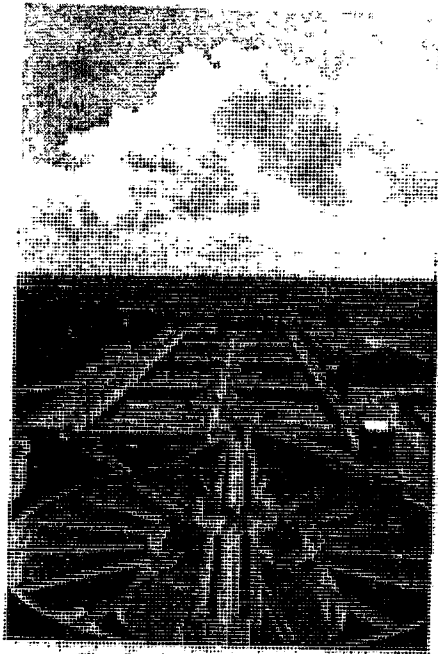


Additional Information or Questions

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Robert Rowan 972-0394
Utility Financial Manager

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Austin Water Utility Wholesale Customer Briefing

Proposed Budget & Service Rates
FY 2013-14

August 13, 2013

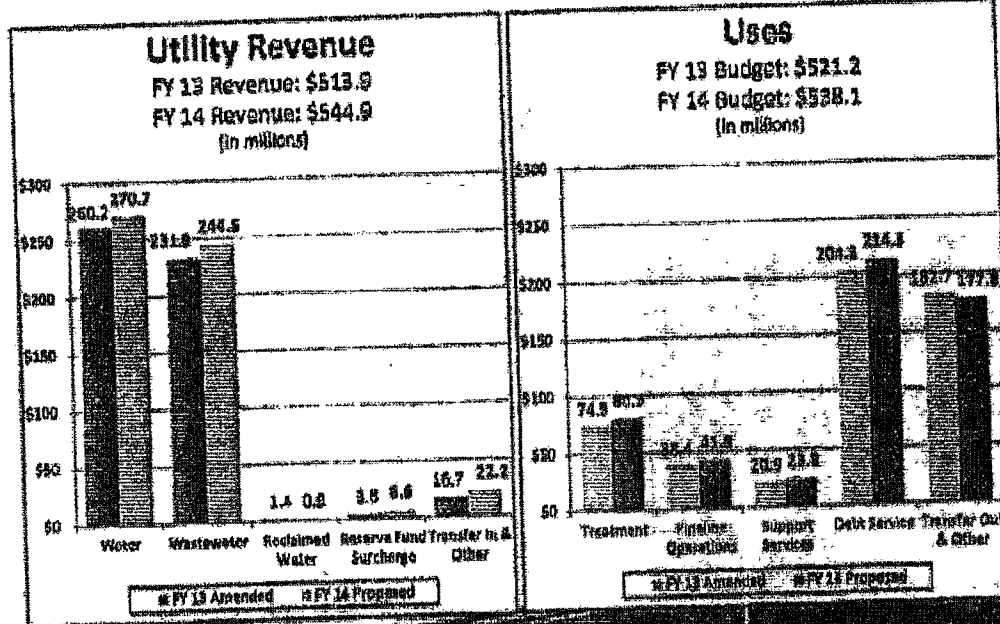
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Proposed Budget Update FY 2013-14

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Sources and Uses of Funds



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Revenue Highlights



- Water Service - \$10.5 million increase
 - Proposed 7.4% water rate revenue increase
 - 12-Month Stage 2 Water restrictions in FY 2014
- Wastewater Services - \$12.7 million increase
 - Proposed 2.3% wastewater rate revenue increase
- Water Reserve Fund, Capital Recovery Fee & Other
 - \$8.3 million increase

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Budget Highlights



➤ Cost Increases

- Debt Service Requirements - \$10.0 million
- Variable rate debt and commercial paper admin expenses - \$3.9 million
- Transfer to General Fund - \$3.4 million
- Electricity services and Chemicals - \$3.2 million
- Public Works Street Cut Repair and Paving - \$2.7 million
- Transfer to Water Revenue Stability Reserve Fund - \$2.5 million
- General contract services and maintenance - \$2.0 million
- Transfer to Reclaimed Water Fund - \$1.8 million
- Employee compensation adjustment and Health Insurance - \$1.6 million
- City Administrative Support - \$0.8 million
- Transfer to Economic Development Fund - \$0.6 million
- Private lateral grants program - \$0.5 million

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Budget Highlights



➤ Cost Savings

- Transfer to CIP funds - (\$16.2) million
- AE Billing and Customer Care - (\$1.3) million
- Transfer to Sustainability Fund - (\$1.3) million
- 311 System Support - (\$0.7) million
- Fleet Fuel and Maintenance - (\$0.3) million

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Budget Highlights

➤ Staffing Plan

- 46.25 new FTEs to support new facility operations, Public Health and Safety Initiatives, and to enhance Asset Management, Industry Best Practices, and Administrative Efficiency - \$2.8 million
- 17 new FTEs for Water Treatment Plant 4 operations and maintenance - \$0.9 million



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Fund Summary

(in Millions)	FY 12 Actual	FY 13 Estimated	FY 14 Proposed
Beginning Balance	\$71.7	\$72.9	\$51.9
Revenue	431.9	438.2	531.2
Transfer In	4.6	7.0	13.7
Available Funds	\$498.3	\$495.2	\$544.9
Operating Requirements	171.5	200.3	203.0
Debt Service	184.6	204.9	214.3
Transfer Out	100.6	111.0	115.8
Total Requirements	\$456.7	\$516.2	\$533.1
Excess (Deficiency)	(0.3)	(21.0)	6.8
Ending Balance	\$72.9*	\$31.9	\$58.7
FTEs	1,069.10	1,094.10	1,157.95

* Includes Adjustment to GAAP of \$1.4 million in FY 2012

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Capital Improvement Program

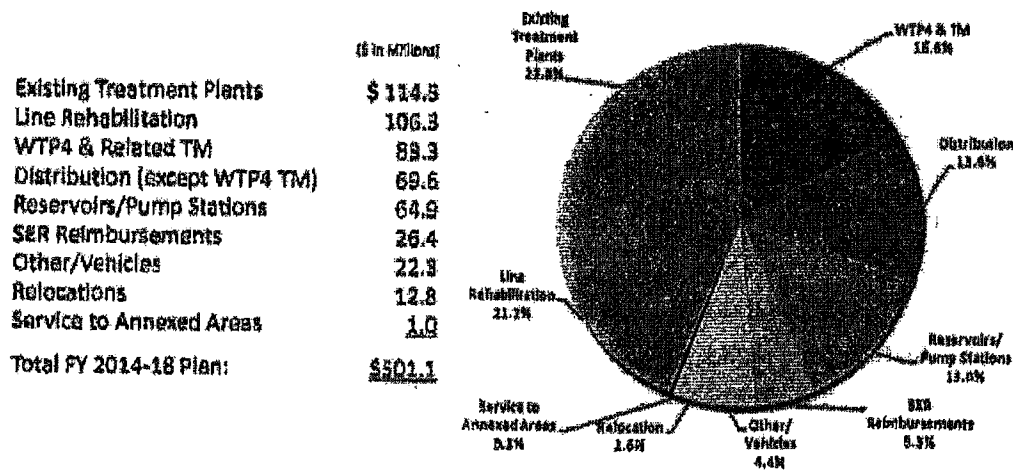


\$985.7 Million 5-Year Capital Spending Plan

(\$ in millions)	2014	2015	2016	2017	2018	Total
Water	\$164.3	\$90.4	\$90.2	\$76.7	\$79.5	\$501.1
Wastewater	65.0	105.6	86.5	101.7	85.9	444.7
Reclaimed	8.0	8.2	10.0	8.8	4.9	39.9
Combined	<u>\$237.3</u>	<u>\$204.2</u>	<u>\$186.7</u>	<u>\$187.2</u>	<u>\$170.3</u>	<u>\$985.7</u>

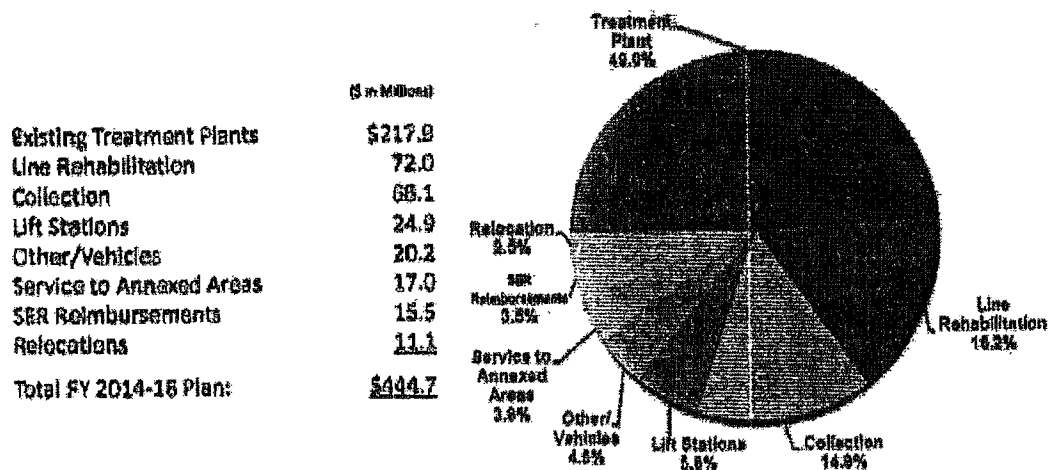
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Proposed 5-Year CIP Spending Plan Water Utility - \$501.1 Million



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Proposed 5-Year CIP Spending Plan Wastewater Utility - \$444.7 Million



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Service Rate Increase - 2014 Proposed



➤ Proposed Service Rate Revenue Increases

	Proposed 2014
Water:	7.4%
Wastewater:	2.3%
Reclaimed:	16.8%
Combined:	4.9%

➤ Additional: Revenue Stability Reserve Fund Surcharge Increased from \$0.12 to \$0.15 / 1,000 Gallons

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Water Rate Design



- Maintains Joint Committee recommendations approved by Council
 - System-wide fixed revenue goal at 20%
 - Residential tiered fixed minimum charge
 - Volumetric block rates to maintain current \$11.00 spread between blocks 1 and 5
 - Revenue stability reserve fund surcharge to build reserve fund
 - Operating reserves target of 60 days of operating costs
- 1% transition of residential class to cost of service in 2014 with full cost of service achieved in 2019

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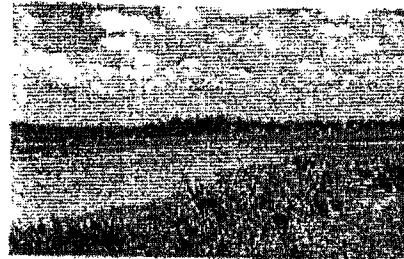
Other Utility Topics



- Drought Response
 - Current drought since 2008
 - Lake system at 36% full
 - Inflows into lake system are lower than drought of record
 - Mandatory Stage II water restrictions for 23 of the last 24 months
 - Stage III triggers when lake capacity drops to 30% full
- Austin Water will continue to proactively respond to current and probably worsening drought conditions



Drought Conditions



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Budget Questions?

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Cost of Service & Rate Design FY 2013-14

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Water Rates

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• Peaking Factor Methodology:

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- Dropped FY 2008-09
- Added FY 2011-12

• Variance in customer class percentage rate changes *partially* result from:

- Customer class variances between NCPs in FY 2008-09 and NCPs in FY 2011-12
- Customer classes with higher than average change in NCPs will generally have a higher than average rate increase
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NCP Comparison - Retail

MAX DAY NCPs

	COS 2012-13 3 Year Average FY 2008-09 to FY 2010-11	COS 2013-14 3 Year Average FY 2009-10 to FY 2011-12	Percent Change
Retail			
Residential	176	169	-4.1%
Multifamily	137	135	-1.5%
Commercial	159	177	10.2%
Large Volume:			
Hospira	157	279	43.7%
Spanston	128	131	2.3%
Freesdale	128	125	-2.4%
Samsung	134	138	3.0%
Novet	132	133	0.8%
University of Texas	159	150	-5.0%
Retail Average	148	160	8.0%

MAX HOUR NCPs

	COS 2012-13 3 Year Average FY 2008-09 to FY 2010-11	COS 2013-14 3 Year Average FY 2009-10 to FY 2011-12
	203	233
	201	202
	234	220
	214	221
	200	196
	188	187
	197	206
	194	200
	234	225
	213	213

NCP Comparison - Wholesale



MAX DAY NCP

MAX HOUR NCP

	COS 2012-13			COS 2013-14		
	3 Year Average FY 2008-09 to FY 2010-11	3 Year Average FY 2009-10 to FY 2011-12	Percent Change	3 Year Average FY 2008-09 to FY 2010-11	3 Year Average FY 2009-10 to FY 2011-12	Percent Change
Wholesale						
Crescent-Maha W.S.	160	165	-3.2%	236	231	-2.2%
High Valley W.S.C.	169	163	-3.1%	247	244	-1.3%
Lost Creek MUD	211	213	0.0%	311	310	-0.2%
City of Manor	166	164	-2.4%	278	239	-13.8%
Marble W.S.C.	240	247	-0.0%	301	371	2.7%
Martha W.S.C.	163	158	-3.2%	265	236	-7.2%
Morningside	101	178	-7.3%	313	302	10.1%
Night Hawk W.S.C.	169	162	1.6%	234	275	14.0%
North Austin MUD #1	177	179	-0.0%	281	283	0.6%
Northtown MUD	160	167	-0.6%	240	250	0.8%
Rivercrest MUD	262	207	-7.2%	320	309	-5.6%
Rollingwood, City of	211	226	6.2%	311	344	9.6%
Shady Hollow MUD	209	210	0.0%	307	314	2.2%
Sunset Valley, City of	170	178	4.8%	269	267	-0.7%
Village of San Lorenzo	202	196	-2.0%	330	290	-7.4%
Texas Co. WCID #10	186	188	1.1%	274	281	2.5%
Wells Branch MUD	187	167	0.0%	247	250	1.2%
Whidomans	482	353	-10.2%	800	790	-14.3%
* Wholesale Average	187	189	-0.6%	282	287	1.7%

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Proposed FY 2014 Water Rates (Includes Reserve Fund)

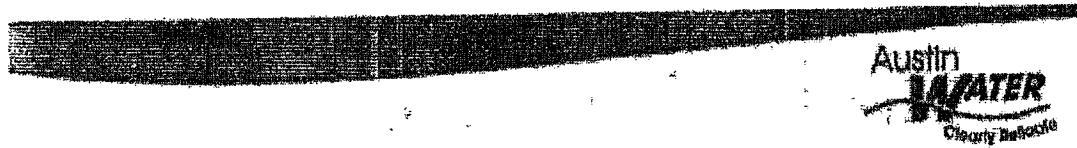


	% Rate Revenue Change
Residential	8.8%
Residential CAP	8.5%
Multifamily	5.7%
Commercial	8.2%
Large Volume	7.6%
Retail Water	8.0%
Wholesale	3.6%
Systemwide Water (With Reserve Fund)	7.7%

Proposed FY 2014 Water Rates



- See handout



Wastewater Rates



- Cost of service allocation methodologies approved during 2009 Red Oak study continue to be utilized.
- No change to rate design policies approved by Council.
 - All customer classes remain at cost of service

Proposed FY 2014 WW Rates

	Current <u>2013</u>	Proposed <u>2014</u>	% Rate Rev <u>Change</u>
Minimum Charge	\$10.00	\$10.00	0.0%
Residential			0.2%
0 – 2,000 Gals	\$4.31	\$4.32	
2,001 – Over Gals.	\$8.92	\$8.94	
Multifamily	\$8.21	\$8.62	4.5%
Commercial	\$8.23	\$8.55	3.5%
Large Volume (varies – see next slides)			5.0%
Retail Wastewater			2.4%
Wholesale (varies – see next slides)			2.0%
Systemwide Wastewater			2.3%

Proposed FY 2014 WW Rates

Large Volume Detail



	Current 2013	Proposed 2014	% Rate Rev. Change
Systemwide Wastewater (All Classes)			2.3%
Average Large Volume			5.0%
Freescale	\$ 7.87	\$ 8.03	4.3%
Hospra	\$ 8.01	\$ 8.19	2.0%
Samsung	\$ 6.93	\$ 7.40	6.3%
Novati	\$ 7.19	\$ 7.36	2.2%
Spanston	\$ 7.06	\$ 7.36	3.9%
UT Austin	\$ 8.21	\$ 8.55	3.8%

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Proposed FY 2014 WW Rates

Wholesale Detail



	Current 2013	Proposed 2014	% Rate Rev. Change
Systemwide Wastewater (All Classes)			2.3%
Average Wholesale			2.0%
Comanche Canyon (WCID 17)	\$3.89	\$4.00	2.3%
Manor, City of	\$5.48	\$5.61	2.2%
North Austin MUD	\$5.82	\$5.89	1.2%
Northtown MUD	\$5.41	\$5.54	2.2%
Rollingwood, City of	\$5.45	\$5.58	2.2%
Shady Hollow MUD	\$5.44	\$5.60	2.7%
Sunset Valley, City of	\$5.44	\$5.52	1.3%
Steiner Ranch (WCID 17)	\$3.88	\$4.00	2.8%
Wells Branch MUD	\$5.41	\$5.55	2.4%
Westlake Hills, City of	\$5.97	\$5.54	2.9%

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Wholesale Customer Rate Questions?

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Additional Information or Questions

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Utility Financial Manager

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**CITY OF AUSTIN, TEXAS
AUSTIN WATER UTILITY**

**2014 Water Rate Change Implementation
Subsidy Reduced From 8% to 5%
(Rates Effective November 1, 2013)**

DRAFT SUBJECT TO CHANGE

(1) Capped at Commercial rate

(2) Off-Peak (November 1st through June 30th 2014)

(3) Peak (July 1st through October 31st 2014)

Cost of Service Revenue			
At COS	5% to 10% Subsidy	Dollar Variance	Percent Variance
Residential			
Block 1 - 0 to 2,000 gallons			
Block 2 - 2,001 to 5,000 gallons			
Block 3 - 5,001 to 11,000 gallons			
Block 4 - 11,001 to 20,000 gallons			
Block 5 - 20,001 gallons and up			
Residential Volume w/o Reserve			
Residential Fixed Charges			
Residential Reserve Fund (all volumes)			
Residential Total	\$115,397,423	\$ (3,277,000)	-2.7%

Revenue from Rates (Existing vs Proposed)			
Existing (Prior Year)	Proposed 5% Subsidy	Dollar Variance	Percent Variance
\$ 5,323,594	\$ 7,624,890	\$ 2,301,296	43.2%
16,975,720	20,298,342	3,322,622	19.2%
19,067,319	20,915,727	1,848,408	9.7%
19,853,125	20,677,239	1,044,313	5.3%
16,167,125	16,897,278	730,153	4.5%
\$ 77,387,065	\$ 86,165,167	\$ 8,778,102	11.3%
31,823,915	31,892,316	68,401	0.2%
2,038,155	2,038,117	(37,038)	-1.8%
\$111,198,098	\$119,022,540	\$ 7,824,442	7.0%

Volume Rate (Existing vs Proposed)			
Existing (Prior Year)	Proposed		
COS Peak (2) or Uniform	Peak (3) or Uniform	COS Peak (2) or Uniform	Peak (3) or Uniform
\$1.25	\$1.25	\$1.25	\$1.25
2.50	2.50	2.50	2.50
6.00	6.00	6.00	6.00
9.35	9.35	9.35	9.35
12.84	12.84	12.84	12.84

Retail Water:

Residential			
Block 1 - 0 to 2,000 gallons			
Block 2 - 2,001 to 5,000 gallons			
Block 3 - 5,001 to 11,000 gallons			
Block 4 - 11,001 to 20,000 gallons			
Block 5 - 20,001 gallons and up			
Residential Volume w/o Reserve			
Residential Fixed Charges			
Residential Reserve Fund (all volumes)			
Residential Total	\$121,674,423	\$ (3,277,000)	-2.7%
Commercial			
Block 1 - 0 to 2,000 gallons			
Block 2 - 2,001 to 5,000 gallons			
Block 3 - 5,001 to 11,000 gallons			
Block 4 - 11,001 to 20,000 gallons			
Block 5 - 20,001 gallons and up			
Commercial Volume w/o Reserve			
Commercial Fixed Charges			
Commercial Reserve Fund (all volumes)			
Commercial Total	\$ 4,634,640	\$ (1,868,351)	-40.3%
Multifamily			
Block 1 - 0 to 2,000 gallons			
Block 2 - 2,001 to 5,000 gallons			
Block 3 - 5,001 to 11,000 gallons			
Block 4 - 11,001 to 20,000 gallons			
Block 5 - 20,001 gallons and up			
Multifamily Volume w/o Reserve			
Multifamily Fixed Charges			
Multifamily Reserve Fund			
Multifamily Total	\$ 48,113,714	\$ 45,440,887	9.4%
Commercial Volume w/o Reserve			
Commercial Fixed Charges			
Commercial Reserve Fund			
Commercial Total	\$ 18,872,236	\$ 73,234,353	388.0%

Residential			
Block 1 - 0 to 2,000 gallons			
Block 2 - 2,001 to 5,000 gallons			
Block 3 - 5,001 to 11,000 gallons			
Block 4 - 11,001 to 20,000 gallons			
Block 5 - 20,001 gallons and up			
Residential Volume w/o Reserve			
Residential Fixed Charges			
Residential Reserve Fund (all volumes)			
Residential Total	\$ 170,539	\$ 47,235	27.7%
Commercial			
Block 1 - 0 to 2,000 gallons			
Block 2 - 2,001 to 5,000 gallons			
Block 3 - 5,001 to 11,000 gallons			
Block 4 - 11,001 to 20,000 gallons			
Block 5 - 20,001 gallons and up			
Commercial Volume w/o Reserve			
Commercial Fixed Charges			
Commercial Reserve Fund			
Commercial Total	\$ 44,076,281	\$ 2,765,292	6.3%
Multifamily			
Block 1 - 0 to 2,000 gallons			
Block 2 - 2,001 to 5,000 gallons			
Block 3 - 5,001 to 11,000 gallons			
Block 4 - 11,001 to 20,000 gallons			
Block 5 - 20,001 gallons and up			
Multifamily Volume w/o Reserve			
Multifamily Fixed Charges			
Multifamily Reserve Fund			
Multifamily Total	\$ 34,553,476	\$ 57,594,559	165.2%
Commercial Volume w/o Reserve			
Commercial Fixed Charges			
Commercial Reserve Fund			
Commercial Total	\$ 55,455,233	\$ 62,225,361	11.2%

Residential			
Block 1 - 0 to 2,000 gallons			
Block 2 - 2,001 to 5,000 gallons			
Block 3 - 5,001 to 11,000 gallons			
Block 4 - 11,001 to 20,000 gallons			
Block 5 - 20,001 gallons and up			
Residential Volume w/o Reserve			
Residential Fixed Charges			
Residential Reserve Fund (all volumes)			
Residential Total	\$ 170,539	\$ 47,235	27.7%
Commercial			
Block 1 - 0 to 2,000 gallons			
Block 2 - 2,001 to 5,000 gallons			
Block 3 - 5,001 to 11,000 gallons			
Block 4 - 11,001 to 20,000 gallons			
Block 5 - 20,001 gallons and up			
Commercial Volume w/o Reserve			
Commercial Fixed Charges			
Commercial Reserve Fund			
Commercial Total	\$ 44,076,281	\$ 2,765,292	6.3%
Multifamily			
Block 1 - 0 to 2,000 gallons			
Block 2 - 2,001 to 5,000 gallons			
Block 3 - 5,001 to 11,000 gallons			
Block 4 - 11,001 to 20,000 gallons			
Block 5 - 20,001 gallons and up			
Multifamily Volume w/o Reserve			
Multifamily Fixed Charges			
Multifamily Reserve Fund			
Multifamily Total	\$ 34,553,476	\$ 57,594,559	165.2%
Commercial Volume w/o Reserve			
Commercial Fixed Charges			
Commercial Reserve Fund			
Commercial Total	\$ 55,455,233	\$ 62,225,361	11.2%

Cost of Service Revenue

At Cost	6% to 5% Subsidy	Dollar Variance	Percent Variance
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Large Volume:

Freescale Volume w/o Reserve

Freescale Fixed Charges

Freescale Reserve Fund

Freescale Total

\$ 2,953,471	\$ 3,123,876	\$ 170,405	5.8%
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Hospira Volume w/o Reserve

Hospira Fixed Charges

Hospira Reserve Fund

Hospira Total

\$ 814,442	\$ 523,705	\$ 290,737	-14.0%
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Samsung Volume w/o Reserve

Samsung Fixed Charges

Samsung Reserve Fund

Samsung Total

\$ 7,524,752	\$ 7,951,201	\$ 426,449	5.8%
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Novati Volume w/o Reserve

Novati Fixed Charges

Novati Reserve Fund

Novati Total

\$ 545,193	\$ 394,992	\$ 150,201	5.7%
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Spanston Volume w/o Reserve

Spanston Fixed Charges

Spanston Reserve Fund

Spanston Total

\$ 1,898,609	\$ 2,077,519	\$ 112,911	5.8%
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UT Austin Volume w/o Reserve

UT Austin Fixed Charges

UT Austin Reserve Fund

UT Austin Total

\$ 2,542,554	\$ 2,699,353	\$ 146,299	5.8% (1)
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LV Total Volume w/o Reserve

LV Total Fixed Charges

LV Total Reserve Fund

LV Combined Total

\$ 16,888,521	\$ 18,738,535	\$ 880,014	5.0%
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Retail Total Volume w/o Reserve

Retail Total Fixed Charges

Retail Total Reserve Fund

Retail Combined Total

\$257,333,528	\$257,333,511	\$ 2,017	0.0%
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Revenue from Rates (Existing vs Proposed)

Existing (Prior Year) 6% Subsidy	Proposed 5% Subsidy	Dollar Variance	Percent Variance
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\$ 2,480,588	\$ 2,766,972	\$ 275,412	11.1%
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681,284	357,704	(134,280)	-27.3%
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74,406	91,253	16,823	22.7%
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\$ 3,086,864	\$ 3,214,866	\$ 128,122	5.2%
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\$ 411,849	\$ 458,197	\$ 46,327	13.7%
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71,952	68,567	(11,085)	-15.8%
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10,238	12,842	2,406	23.5%
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\$ 493,937	\$ 541,340	\$ 47,343	9.6%
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\$ 5,905,403	\$ 7,048,710	\$ 1,084,340	18.2%
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1,280,256	911,551	(368,685)	-28.8%
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180,000	221,250	41,250	22.9%
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\$ 7,425,658	\$ 8,182,511	\$ 756,853	10.2%
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\$ 284,412	\$ 323,185	\$ 38,744	13.6%
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63,552	41,827	(21,725)	-34.2%
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8,463	10,000	1,535	22.8%
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\$ 338,123	\$ 374,965	\$ 36,842	10.9%
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\$ 1,830,082	\$ 1,834,286	\$ 204,213	12.5%
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372,304	237,724	(90,080)	-24.2%
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63,028	59,983	(3,045)	-4.8%
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\$ 1,995,408	\$ 2,132,587	\$ 135,033	6.8%
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\$ 2,254,969	\$ 2,380,512	\$ 128,643	5.7%
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394,786	507,541	(48,915)	-13.2%
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54,953	57,229	2,276	4.1%
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\$ 2,651,587	\$ 2,755,542	\$ 94,055	3.6%
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\$ 13,894,132	\$ 14,821,781	\$ 1,767,648	15.7%
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2,573,724	1,916,764	(682,918)	-25.7%
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575,780	681,482	105,704	22.8%
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\$ 15,989,845	\$ 17,230,027	\$ 1,210,382	7.6%
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\$182,910,642	\$203,672,938	\$20,861,288	11.5%
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55,120,744	52,480,804	(2,659,760)	-4.7%
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4,888,858	5,578,173	1,107,910	22.7%
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\$243,968,183	\$253,212,659	\$19,244,436	8.0%
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Volume Rate (Existing vs Proposed)

Existing (Prior Year) Off Peak (2) or Uniform	Proposed Off Peak (2) or Uniform	Peak (2)	Peak (2)
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\$ 3.88	\$ 4.23	\$ 4.23	\$ 4.23
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\$ 3.88	\$ 4.23	\$ 4.23	\$ 4.23
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\$ 4.69	\$ 5.17	\$ 5.17	\$ 5.17
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\$ 4.69	\$ 5.17	\$ 5.17	\$ 5.17
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\$ 4.69	\$ 5.17	\$ 5.17	\$ 5.17
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\$ 4.69	\$ 5.17	\$ 5.17	\$ 5.17
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\$ 4.69	\$ 5.17	\$ 5.17	\$ 5.17
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\$ 4.69	\$ 5.17	\$ 5.17	\$ 5.17
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\$ 4.69	\$ 5.17	\$ 5.17	\$ 5.17
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\$ 4.69	\$ 5.17	\$ 5.17	\$ 5.17
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\$ 4.69	\$ 5.17	\$ 5.17	\$ 5.17
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\$ 4.69	\$ 5.17	\$ 5.17	\$ 5.17
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\$ 4.69	\$ 5.17	\$ 5.17	\$ 5.17
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\$ 4.69	\$ 5.17	\$ 5.17	\$ 5.17
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Cost of Service Revenue				Revenue from Rates (Existing vs Proposed)				Volume Rate (Existing vs Proposed)			
At COS	6% to 5% Subsidy	Dollar Variance	Percent Variance	Existing (Prior Year) 5% Subsidy	Proposed 5% Subsidy	Dollar Variance	Percent Variance	Old Peak (3 or Uniform)	Peak (3)	Off Peak (3 or Uniform)	Peak (3)
Wholesale:											
Creedmoor Volume w/o Reserve				\$ 270,657	\$ 253,023	\$ 25,141	9.3%	\$	\$ 3.21		\$3.59
Creedmoor Fixed Charges				92,490	98,774	(15,505)	-39.2%		0.00		0.00
Creedmoor Reserve Fund				13,120	12,453	2,357	23.9%		0.00		\$ 3.53
Creedmoor Total			-0.1%	\$ 333,163	\$ 335,205	\$ 19,892	3.5%		\$ 3.21		\$3.58
High Valley Volume w/o Reserve											
High Valley Volume w/o Reserve				\$ 21,893	\$ 23,232	\$ 1,429	6.6%		\$ 3.32		\$3.58
High Valley Fixed Charges				4,020	2,576	(1,144)	-28.5%		0.00		0.00
High Valley Reserve Fund				783	987	179	22.7%		\$ 3.32		\$ 3.58
High Valley Total			-0.1%	\$ 25,112	\$ 27,075	\$ 484	1.7%				\$4.14
Lost Creek Volume w/o Reserve											
Lost Creek Volume w/o Reserve				\$ 1,127,767	\$ 1,212,131	\$ 84,384	7.5%		\$ 3.82		\$4.61
Lost Creek Fixed Charges				214,234	143,751	(84,553)	-28.1%		0.00		0.00
Lost Creek Reserve Fund				35,428	43,337	7,911	22.3%		\$ 3.82		\$ 4.14
Lost Creek Total			0.1%	\$ 1,351,001	\$ 1,355,929	\$ 5,772	2.2%		\$ 3.82		\$4.61
Marion Volume w/o Reserve											
Marion Volume w/o Reserve				\$ 48	\$ 55	\$ 7	14.0%		\$ 4.61		
Marion Fixed Charges				483	419	(64)	-2.7%		0.00		0.00
Marion Reserve Fund				0	0	0	0.0%		\$ 4.61		\$ 4.61
Marion Total			0.0%	\$ 483	\$ 474	\$ 9	3.9%		\$ 4.61		\$2.00
Marshall Volume w/o Reserve											
Marshall Volume w/o Reserve				\$ -	\$ -	\$ -	0.0%		\$ 4.29		
Marshall Fixed Charges				0	0	0	0.0%		0.00		0.00
Marshall Reserve Fund				0	0	0	0.0%		\$ 4.29		\$ -
Marshall Total			0.0%	\$ -	\$ -	\$ -	0.0%		\$ 4.29		\$3.52
Marsha Volume w/o Reserve											
Marsha Volume w/o Reserve				\$ 25,788	\$ 38,291	\$ 2,503	7.0%		\$ 3.27		
Marsha Fixed Charges				6,500	4,755	(1,552)	-24.0%		0.00		0.00
Marsha Reserve Fund				1,512	1,512	331	22.0%		\$ 3.27		\$ 3.52
Marsha Total			-0.1%	\$ 43,398	\$ 44,062	\$ 1,294	2.9%		\$ 3.27		\$3.61
Morningside Volume w/o Reserve											
Morningside Volume w/o Reserve				\$ 4,740	\$ 4,915	\$ 176	3.7%		\$ 3.05		
Morningside Fixed Charges				483	812	132	27.5%		0.00		0.00
Morningside Reserve Fund				144	177	33	22.9%		\$ 3.05		\$ 4.11
Morningside Total			0.1%	\$ 5,364	\$ 5,205	\$ 341	6.4%		\$ 3.05		\$ 4.11

Cost of Service Revenue

	At COS	6% to 5% Subsidy	Dollar Variance	Percent Variance
Nighthawk Volume w/o Reserve				
Nighthawk Fixed Charges				
Nighthawk Reserve Fund				
Nighthawk Total	\$ 45,505	\$ 45,505	\$ (17)	0.0%

North Austin Volume w/o Reserve				
North Austin Fixed Charges				
North Austin Reserve Fund				
North Austin Total	\$ 1,535,535	\$ 1,555,177	\$ (400)	0.0%

Northtown Volume w/o Reserve				
Northtown Fixed Charges				
Northtown Reserve Fund				
Northtown Total	\$ 1,269,411	\$ 1,249,542	\$ 231	0.0%

Rivercrest Volume w/o Reserve				
Rivercrest Fixed Charges				
Rivercrest Reserve Fund				
Rivercrest Total	\$ 515,529	\$ 514,907	\$ 178	0.0%

Rollingwood Volume w/o Reserve				
Rollingwood Fixed Charges				
Rollingwood Reserve Fund				
Rollingwood Total	\$ 645,701	\$ 645,430	\$ (251)	0.0%

Shady Hollow Volume w/o Reserve				
Shady Hollow Fixed Charges				
Shady Hollow Reserve Fund				
Shady Hollow Total	\$ 1,078,065	\$ 1,078,024	\$ 1,019	0.1%

Sunset Valley Volume w/o Reserve				
Sunset Valley Fixed Charges				
Sunset Valley Reserve Fund				
Sunset Valley Total	\$ 454,054	\$ 453,881	\$ (573)	-0.1%

Revenue from Rates (Existing vs Proposed)

	Existing (Prior Year)	Proposed 5% Subsidy	Dollar Variance	Percent Variance
Nighthawk Volume w/o Reserve				
Nighthawk Fixed Charges	\$ 38,615	\$ 43,545	\$ 3,850	10.7%
Nighthawk Reserve Fund	6,432	4,994	(1,441)	-22.4%
Nighthawk Total	\$ 44,487	\$ 47,207	\$ 2,680	6.3%

North Austin Volume w/o Reserve				
North Austin Fixed Charges	\$ 1,375,098	\$ 1,434,615	\$ 99,579	7.2%
North Austin Reserve Fund	250,032	181,852	(68,550)	-27.4%
North Austin Total	\$ 1,625,130	\$ 1,714,262	\$ 89,132	5.5%

Northtown Volume w/o Reserve				
Northtown Fixed Charges	\$ 1,024,927	\$ 1,112,783	\$ 87,856	8.6%
Northtown Reserve Fund	187,508	136,879	(50,629)	-27.2%
Northtown Total	\$ 1,212,435	\$ 1,249,662	\$ 37,227	3.1%

Rivercrest Volume w/o Reserve				
Rivercrest Fixed Charges	\$ 447,235	\$ 458,135	\$ 10,900	2.4%
Rivercrest Reserve Fund	78,468	55,572	(22,896)	-29.2%
Rivercrest Total	\$ 525,703	\$ 513,707	\$ (11,996)	-2.3%

Rollingwood Volume w/o Reserve				
Rollingwood Fixed Charges	\$ 515,342	\$ 577,217	\$ 61,875	11.8%
Rollingwood Reserve Fund	94,884	71,233	(23,651)	-24.8%
Rollingwood Total	\$ 610,226	\$ 648,450	\$ 38,224	6.3%

Shady Hollow Volume w/o Reserve				
Shady Hollow Fixed Charges	\$ 661,317	\$ 680,802	\$ 19,485	2.9%
Shady Hollow Reserve Fund	153,055	119,222	(33,833)	-22.1%
Shady Hollow Total	\$ 814,372	\$ 799,999	\$ (14,373)	-1.8%

Sunset Valley Volume w/o Reserve				
Sunset Valley Fixed Charges	\$ 387,525	\$ 402,722	\$ 15,197	3.9%
Sunset Valley Reserve Fund	64,476	48,668	(15,808)	-24.5%
Sunset Valley Total	\$ 452,001	\$ 451,390	\$ (611)	-0.1%

Volume Rate (Existing vs Proposed)

	Existing (Prior Year) Off Peak (p) or Uniform	Proposed Off Peak (p) or Uniform	Peak (p)
Nighthawk Volume w/o Reserve			
Nighthawk Fixed Charges	\$ 3.23		\$3.61
Nighthawk Reserve Fund			
Nighthawk Total	\$ 3.23		\$3.61

North Austin Volume w/o Reserve			
North Austin Fixed Charges	\$ 3.48		\$3.78
North Austin Reserve Fund			
North Austin Total	\$ 3.48		\$3.78

Northtown Volume w/o Reserve			
Northtown Fixed Charges	\$ 3.31		\$3.62
Northtown Reserve Fund			
Northtown Total	\$ 3.31		\$3.62

Rivercrest Volume w/o Reserve			
Rivercrest Fixed Charges	\$ 4.11		\$4.23
Rivercrest Reserve Fund			
Rivercrest Total	\$ 4.11		\$4.23

Rollingwood Volume w/o Reserve			
Rollingwood Fixed Charges	\$ 3.64		\$4.35
Rollingwood Reserve Fund			
Rollingwood Total	\$ 3.64		\$4.35

Shady Hollow Volume w/o Reserve			
Shady Hollow Fixed Charges	\$ 3.77		\$4.14
Shady Hollow Reserve Fund			
Shady Hollow Total	\$ 3.77		\$4.14

Sunset Valley Volume w/o Reserve			
Sunset Valley Fixed Charges	\$ 3.47		\$3.65
Sunset Valley Reserve Fund			
Sunset Valley Total	\$ 3.47		\$3.65

Cost of Service Revenue					Differences from Rates (Existing vs Proposed)					Volume Rate (Existing vs Proposed)				
At COS	6% to 5% Subsidy	Dollar Variance	Percent Variance		Existing (Prior Year) 6% Subsidy	Proposed 5% Subsidy	Dollar Variance	Percent Variance		Existing (Prior Year) CIP Peak (0 or Millions)	Peak (0 or Millions)	Peak (0 or Millions)	Proposed	
Village San L Volume w/o Reserve														
Village San L Fixed Charges														
Village San L Reserve Fund														
Village San L Total	\$ 22,787	\$ 22,225	\$ 12	0.1%	\$ 16,250	\$ 20,308	\$ 1,058	5.6%		\$ 3.85		\$ 4.28	\$ 4.68	
WCID 10 Volume w/o Reserve														
WCID 10 Fixed Charges														
WCID 10 Reserve Fund														
WCID 10 Total	\$ 3,985,150	\$ 3,721,305	\$ (3,845)	-0.1%	\$ 3,012,246	\$ 3,386,089	\$ 354,029	11.5%		\$ 3.43		\$ 3.88	\$ 3.88	
Wells Branch Volume w/o Reserve														
Wells Branch Fixed Charges														
Wells Branch Reserve Fund														
Wells Branch Total	\$ 2,075,710	\$ 2,072,707	\$ (913)	0.0%	\$ 1,724,113	\$ 1,823,828	\$ 121,353	7.5%		\$ 3.53		\$ 3.59	\$ 3.59	
Windermere Volume w/o Reserve														
Windermere Fixed Charges														
Windermere Reserve Fund														
Windermere Total	\$ 48,104	\$ 48,116	\$ 12	0.0%	\$ 42,040	\$ 42,140	\$ -	0.0%		\$ 7.14		\$ 7.14	\$ 7.14	
Wholesale Total Volume w/o Reserve														
Wholesale Total Fixed Charges														
Wholesale Total Reserve Fund														
Wholesale Combined Total	\$ 15,947,156	\$ 15,543,375	\$ (4022)	0.0%	\$ 10,941,214	\$ 11,878,353	\$ 937,089	8.9%		\$ 0.00		\$ 0.00	\$ 0.00	
Total Retail & Wholesale Water:														
Total COS Volume w/o Reserve														
Total COS Fixed Charges														
Total COS Reserve Fund														
Total Combined COS Total	\$ 270,684,759	\$ 270,679,957	\$ (4,802)	0.0%	\$ 188,622,306	\$ 215,751,821	\$ 21,929,578	11.5%		\$ 3.85		\$ 4.28	\$ 4.68	

**CITY OF AUSTIN, TEXAS
AUSTIN WATER UTILITY**

**Option 01 - Wastewater
Base Option
Fiscal Year 2014**

Draft

Option Description: Existing vs. Option 01
Minimum Charge Remains at \$10.00

	Cost of Service Savings				Separation from Base				Price	
	At COS	Option 01 Base Option	Dollar Variance	Percent Variance	Existing (Prior Year)	Option 01 Base Option	Dollar Variance	Percent Variance	Existing	Option 01 Proposed
Retail:										
Residential	\$ 401,368,430	\$ 101,382,593	\$ 294,073	0.0%	\$ 101,228,119	\$ 101,382,593	\$ 154,474	0.2%	\$ 10.00	\$ 10.00
Minimum charge					20,000,000	20,000,000	0	0.0%		
Block 1 - 0 to 2,000 gallons					16,000,000	16,000,000	0	0.0%	4.34	4.32
Block 2 - 2,000 gallons and up					62,000,000	62,000,000	0	0.0%	8.02	8.04
Industrial	\$ 57,541,821	\$ 57,554,286	\$ 12,465	0.0%	\$ 57,538,032	\$ 57,554,286	\$ 16,254	0.0%	\$ 8.21	\$ 8.63
Commercial	\$ 37,680,322	\$ 37,689,315	\$ 8,993	0.0%	\$ 37,677,725	\$ 37,689,315	\$ 11,590	0.0%	\$ 8.23	\$ 8.55
Large Volume:										
Freemove	\$ 3,202,539	\$ 3,201,001	\$ 1,538	0.0%	\$ 3,200,240	\$ 3,201,001	\$ 761	0.0%	\$ 7.57	\$ 8.03
Hempes	361,000	361,012	12	0.0%	361,000	361,012	12	0.0%	8.01	8.19
Sansbury	8,124,153	8,120,045	4,108	0.0%	8,123,120	8,120,045	3,075	0.0%	6.03	7.40
Storck	345,280	345,285	5	0.0%	345,280	345,285	5	0.0%	7.59	7.56
Spansion	2,652,578	2,653,657	1,079	0.0%	2,651,960	2,653,657	1,697	0.0%	7.06	7.36
University of Texas	1,904,981	1,905,204	223	0.0%	1,904,981	1,905,204	223	0.0%	8.21	8.55
Total Large Volume	\$ 18,588,500	\$ 18,557,802	\$ 30,698	0.0%	\$ 18,575,572	\$ 18,557,802	\$ 17,770	0.0%		
Total Retail:	\$ 283,281,076	\$ 233,259,034	\$ 50,022	0.0%	\$ 227,510,516	\$ 233,259,034	\$ 55,748,518	2.4%		
Wholesale:										
Comanche Canyon (MCD #17)	\$ 22,588	\$ 22,005	\$ 583	-0.1%	\$ 21,515	\$ 22,005	\$ 490	2.6%	\$ 3.89	\$ 4.03
Hamer, City of	383,844	384,076	232	0.1%	383,378	384,076	698	0.2%	5.48	5.51
North Austin MUD #1	1,088,004	1,087,005	999	0.0%	1,086,006	1,087,005	999	0.0%	5.52	5.59
Northwest MUD	1,343,007	1,342,725	282	0.0%	1,342,530	1,342,725	195	0.0%	5.49	5.54
Redwood, City of	200,000	200,000	0	0.0%	200,000	200,000	0	0.0%	5.45	5.58
Stacy-Holow MUD	471,005	472,184	1,179	0.1%	469,800	472,184	2,384	0.5%	5.44	5.52
Stacy-Holow, City of	414,000	414,000	0	0.0%	414,000	414,000	0	0.0%	5.44	5.52
Stacy-Holow MUD #17	21,000	21,000	0	0.0%	21,000	21,000	0	0.0%	5.44	5.52
Wells Branch MUD	2,100,000	2,100,000	0	0.0%	2,100,000	2,100,000	0	0.0%	5.44	5.52
Wells Branch MUD	2,100,000	2,100,000	0	0.0%	2,100,000	2,100,000	0	0.0%	5.44	5.52
Wells Branch MUD	2,100,000	2,100,000	0	0.0%	2,100,000	2,100,000	0	0.0%	5.44	5.52
Total Wholesale	\$ 8,842,000	\$ 8,838,004	\$ 3,996	0.0%	\$ 8,838,004	\$ 8,838,004	\$ 3,996	0.0%		
Industrial Waste Service	\$ 2,410,752	\$ 2,410,752	\$ 0	0.0%	\$ 2,410,752	\$ 2,410,752	\$ 0	0.0%		
Total Cost of Service	\$ 291,563,076	\$ 241,518,038	\$ 50,045	0.0%	\$ 229,921,268	\$ 241,518,038	\$ 115,866,770	2.3%		

Conclusions

Abstract

Abstract

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संविधानसभा के अध्यक्ष

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McKinnon's Speed Maintenance Chart

McKinnon's Speed Maintenance Chart

For more information, call or contact by e-mail:

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Journal of Management Education

Wholesale Volume Unit Charger. All volumes 1944 cover 1943.

Albany, City of
Crested Butte Water Supply Corp.
Anglo West Water Supply Corp.
High Valley Water Supply Corp.
Lost Creek RLY
Marionette Water Supply Co.
Blanch Water Supply Corp.
Municipal Sanitation
North Austin RLY & M
Montgomery RLY
Riverside Water Supply Corp.
Washington, City of
Stacy Hosiery MFG
Sunset Hosiery, City of
Twin Falls MFG and
Wagner of San Antonio
Wash Branch MFG - N.A.B.C.
Winchester Hosiery Co.

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