

City of Goodyear

Water, Wastewater, Solid Waste and Stormwater 2020 Rate Study and Long-Term Financial Plan Committee Briefing

August 2020

Updated: August 14 2020



Presentation Format



- Presentation Overview
- Current Rate Structure
- Accounts and Volumes
- Water and Wastewater Utility -- Cost of Service and Initial Rate Plan
- Solid Waste Utility Cost of Service and Initial Rate Plan
- Stormwater Utility Cost of Service and Initial Rate Plan
- Summary and Next Steps







Water and Wastewater Rate Analysis



City of Goodyear Current Rate Structure

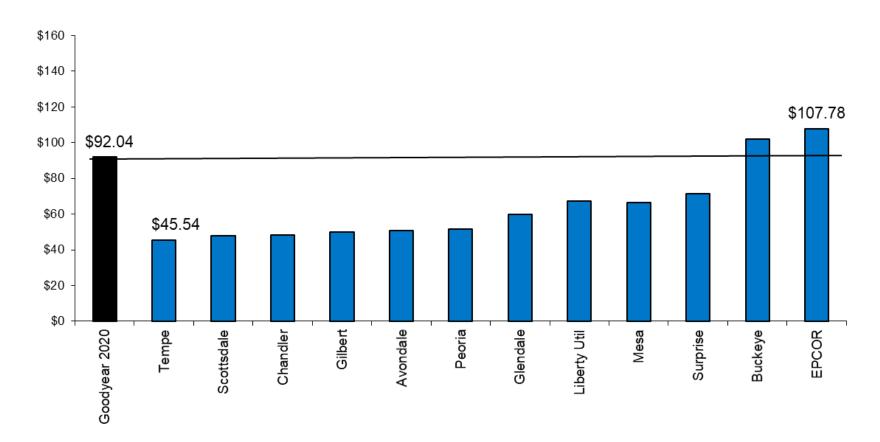


			Water	W	astewater
Monthly Minimun	n Charge				
3/4"		\$	18.54	\$	23.78
1"			25.64		36.49
1 1/2"			41.46		44.96
2"			67.11		87.35
3"			77.67		115.22
4"			126.65		152.86
6"			240.36		378.70
Volume Rate/1,00	00 Gal				
Residential - City					
-	6,000		2.15		6.51
6,001	12,000		4.27		6.51
12,001	30,000		6.42		6.51
30,001	Above		10.31		6.51
Multi-Family/Com	mercial/Industri	<u>ial</u>			
-	40,000		5.06		6.51
40,001	100,000		8.10		6.51
100,001	Above		10.50		6.51
<u>Irrigation</u>					
-	80,000		7.57		NA
80,001	Above		8.71		NA
Reclaimed Water					
Per 1,00 Gallons			NA		6.38



Residential Monthly Charges 7,000 Gal Water; 5,000 Gal WW





NOTE: Goodyear charges do not include CAP water charges



City of Goodyear Test Year FY 2020 Water/WW Accounts



WATER Custor	ners	WASTEWATER Cu	stomers
Residential - City	19,138	Residential - City	19,112
Residential - County	93	Residential - County	5
Multi-Family	41	Multi-Family	43
Commercial	378	Commercial	322
Church	23	Church	20
Industrial	45	Industrial	31
Institutional	22	Institutional	17
Schools	33	Schools	30
Hydrant	60	Perryville Prison	1
Irrigation	449	Effluent	6
Total	20,282		19,587

Solid Waste Customers

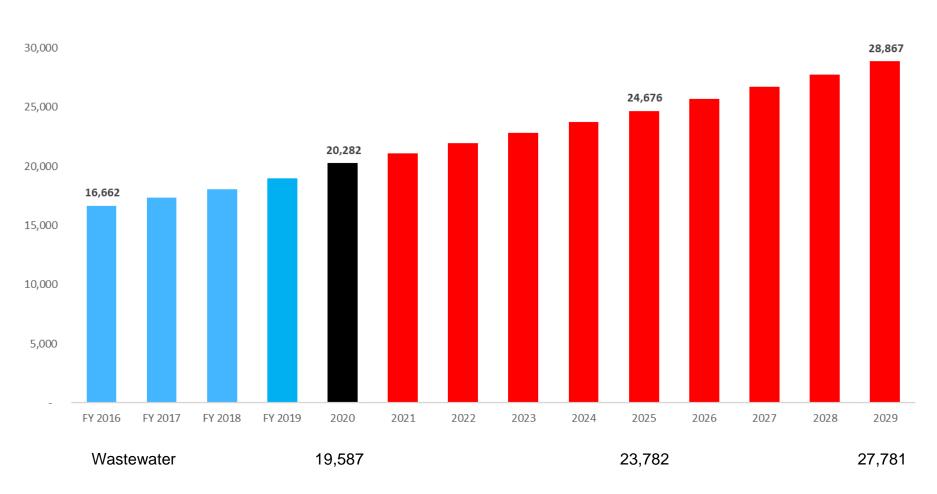
Residential -- 31,242 Residential Additional Container -- 783



Historical and Forecast Water Accounts



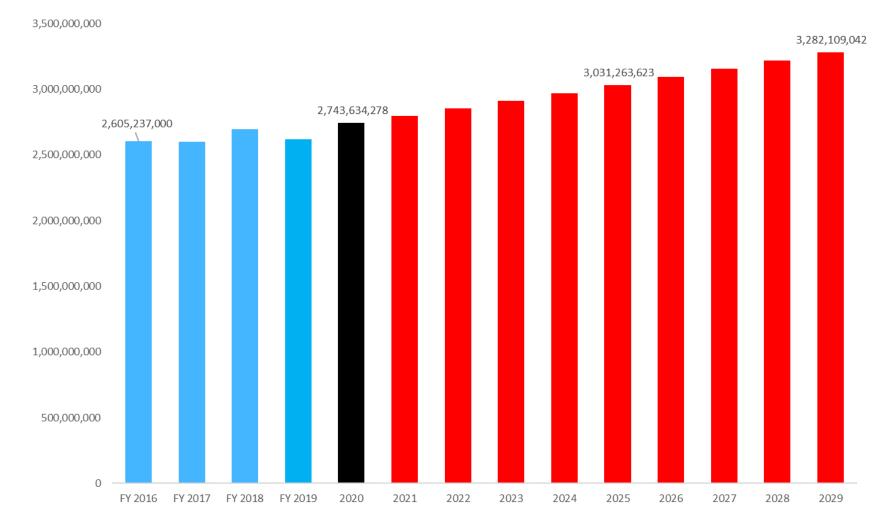






Historical and Forecast Water Consumption



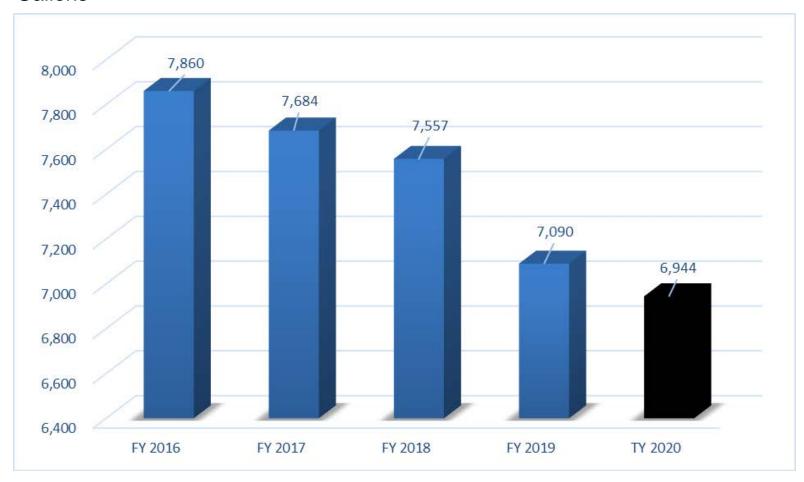




City of Goodyear Residential Monthly Usage Per Account



Gallons





Water Utility – 5 Year Forecast General Operating Cost Assumptions



- Most costs increase by 3-5% per year
- Some costs (insurance, energy) increase at higher rates
- Certain costs increase with the rise in accounts and consumption
- Increase in total numbers of department personnel as system continues to expand
- Surface water treatment plant on line in FY 2022





Water and Wastewater Utility Major Capital Improvements



WATER CIP Projects

Adaman Well #3	\$ 2,195,000
CAP Subcontract Capital Charges	4,323,000
Differential Impact Fee Credits	5,943,400
Historic Goodyear Water Replacements	6,365,000
Potable Storage Reservoir Rehabilitation	3,557,000
Treatment Improvements at Site 18	3,264,000
Booster Station Rehabilitation & Replacement Program	2,100,000
Distribution Valve Replacement	2,500,000
Water Meter Replacement	3,890,000
Future Projects	 3,763,000
Total Water Projects	40,728,600

WASTEWATER CIP Projects

Collection System Rehabilitation or Replacements	\$ 8,048,000
Corgett WRF Rehabilitation and Replacement	3,377,000
Differential Impact Fee Credits	2,828,700
Goodyear WRF Rehabilitation and Replacement	4,755,000
Alternative to SAT Site	26,400,000
Brine Disposal	46,995,000
Future Projects	10,578,400
Total	102,982,100

Total 2020 -- 2025 143,710,700

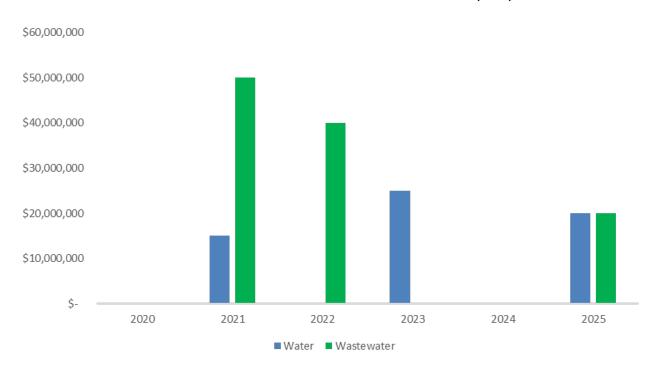
Source: City Staff



Water Utility Forecast Bond Issues 2020 -- 2025



Water -- \$60,000,000 Wastewater -- <u>110,000,000</u> **Total** -- **170,000,000**

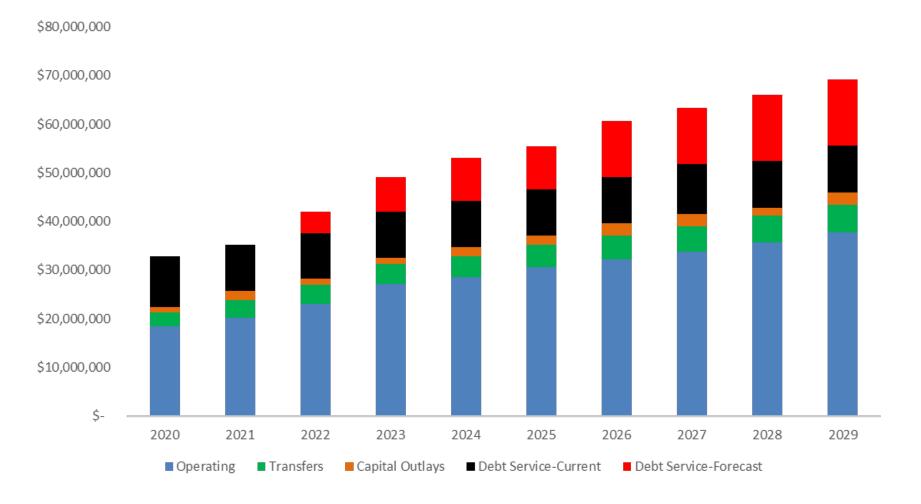


NOTE: All new debt assumed 20 year term, 3.0% interest rate, level payments Series 2020 issued and contained in current debt



Forecast Revenue Requirement 2020 -- 2029







Forecast Revenue Requirement 2020 -- 2025



		2020 2021			2022	2023	2024	2025	
	WAT	ER Revenue Re	guirement						
CAP Costs	\$	3,517,174 \$		\$	4,354,596	\$ 4,710,501	\$	4,919,857	\$ 5,192,019
Operating		8,542,301	9,282,849		11,309,248	14,408,992		14,951,818	16,261,089
Transfers		1,190,300	1,840,280		1,987,708	2,144,457		2,297,504	2,436,955
Capital Outlays		539,100	1,153,800		518,000	765,600		1,305,700	883,500
Debt Service-Current		5,076,449	5,823,300		5,832,550	5,857,750		5,905,050	5,863,750
Debt Service-Forecast		-			1,018,318	 1,018,318		2,715,515	2,715,515
Total	· · · · · · · · · · · · · · · · · · ·	18,865,324	22,287,341		25,020,420	28,905,618		32,095,443	 33,352,828
Less Non-Rate Revs		(1,811,900)	(3,470,900)		(3,553,850)	(3,640,948)		(3,732,400)	(3,790,015)
Net Revenue Rqmt		17,053,424	18,816,441		21,466,570	 25,264,670		28,363,043	 29,562,813
	WAS	TEWATER Revo	enue Requireme	nt					
Operating		6,363,100	6,718,208		7,402,110	8,069,496		8,655,217	9,101,004
Transfers		1,707,800	1,791,132		1,928,837	2,078,527		2,239,944	2,393,790
Capital Outlays		574,400	719,100		758,900	513,500		578,400	1,122,200
Debt Service-Current		5,368,186	3,731,300		3,524,100	3,531,850		3,538,450	3,553,650
Debt Service-Forecast		_			3,394,393	 6,109,908		6,109,908	 6,109,908
Total		14,013,486	12,959,740		17,008,340	 20,303,281		21,121,919	22,280,552
Less Non-Rate Revs		(145,600)	(659,890)		(685,605)	(712,605)		(740,955)	(758,816)
Net Revenue Rqmt		13,867,886	12,299,850		16,322,736	 19,590,676		20,380,964	21,521,736



Water Rate Plan Assuming Full Budget Funding



				Effective		Effective		Effective		Effective		Effective
	С	urrent		Jan-21		Jan-22		Jan-23		Jan-24		Jan-25
	\$	0.95	\$	1.10	\$	1.25	\$	1.40	\$	1.55	\$	1.70
3/4"	\$	18.54	\$	19.28	\$	19.86	\$	20.46	\$	21.07	\$	21.70
1"		25.64		26.67		27.47		28.29		29.14		30.01
1 1/2"		41.46		43.12		44.41		45.74		47.12		48.53
2"		67.11		69.79		71.89		74.04		76.27		78.55
3"		77.67		80.78		83.20		85.70		88.27		90.92
4"		126.65		131.72		135.67		139.74		143.93		148.25
		2.15		2.24		2.30		2.37		2.44		2.52
		4.27		4.44		4.57		4.71		4.85		5.00
		6.42		6.68		6.88		7.08		7.30		7.51
		10.31		10.72		11.04		11.38		11.72		12.07
		5.06		5.26		5.42		5.58		5.75		5.92
		8.10		8.42		8.68		8.94		9.21		9.48
		10.50		10.92		11.25		11.59		11.93		12.29
		7.57		7.87		8.11		8.35		8.60		8.86
		8.71		9.06		9.33		9.61		9.90		10.20
	1" 1 1/2" 2" 3"	\$ 3/4" \$ 1" 1 1/2" 2" 3"	3/4" \$ 18.54 1" 25.64 1 1/2" 41.46 2" 67.11 3" 77.67 4" 126.65 2.15 4.27 6.42 10.31 5.06 8.10 10.50	\$ 0.95 \$ 3/4" \$ 18.54 \$ 1" 25.64 1 1/2" 41.46 2" 67.11 3" 77.67 4" 126.65 2.15 4.27 6.42 10.31 5.06 8.10 10.50	Current Jan-21 \$ 0.95 \$ 1.10 3/4" \$ 18.54 \$ 19.28 1" 25.64 26.67 1 1/2" 41.46 43.12 2" 67.11 69.79 3" 77.67 80.78 4" 126.65 131.72 2.15 2.24 4.27 4.44 6.42 6.68 10.31 10.72 5.06 5.26 8.10 8.42 10.50 10.92	Current Jan-21 \$ 0.95 \$ 1.10 3/4" \$ 18.54 \$ 19.28 1" 25.64 26.67 1 1/2" 41.46 43.12 2" 67.11 69.79 3" 77.67 80.78 4" 126.65 131.72 2.15 2.24 4.27 4.44 6.42 6.68 10.31 10.72 5.06 5.26 8.10 8.42 10.50 10.92	Current Jan-21 Jan-22 3/4" \$ 18.54 \$ 19.28 \$ 19.86 1" 25.64 26.67 27.47 1 1/2" 41.46 43.12 44.41 2" 67.11 69.79 71.89 3" 77.67 80.78 83.20 4" 126.65 131.72 135.67 2.15 2.24 2.30 4.27 4.44 4.57 6.42 6.68 6.88 10.31 10.72 11.04 5.06 5.26 5.42 8.10 8.42 8.68 10.50 10.92 11.25	Current Jan-21 Jan-22 \$ 0.95 \$ 1.10 \$ 1.25 \$ 3/4" \$ 18.54 \$ 19.28 \$ 19.86 \$ 1" 25.64 26.67 27.47 27.47 11/2" 44.41 43.12 44.41 2" 67.11 69.79 71.89 3" 77.67 80.78 83.20 4" 126.65 131.72 135.67 135.67 2.15 2.24 2.30 4.27 4.44 4.57 6.42 6.68 6.88 10.31 10.72 11.04 11.04 11.04 11.04 11.04 11.04 11.25	Current Jan-21 Jan-22 Jan-23 3/4" \$ 0.95 \$ 1.10 \$ 1.25 \$ 1.40 3/4" \$ 18.54 \$ 19.28 \$ 19.86 \$ 20.46 1" 25.64 26.67 27.47 28.29 1 1/2" 41.46 43.12 44.41 45.74 2" 67.11 69.79 71.89 74.04 3" 77.67 80.78 83.20 85.70 4" 126.65 131.72 135.67 139.74 2.15 2.24 2.30 2.37 4.27 4.44 4.57 4.71 6.42 6.68 6.88 7.08 10.31 10.72 11.04 11.38 5.06 5.26 5.42 5.58 8.10 8.42 8.68 8.94 10.50 10.92 11.25 11.59 7.57 7.87 8.11 8.35	Current Jan-21 Jan-22 Jan-23 3/4" \$ 18.54 \$ 19.28 \$ 19.86 \$ 20.46 \$ 1" 1" 25.64 26.67 27.47 28.29 11/2" 41.46 43.12 44.41 45.74 28.29 11/2" 67.11 69.79 71.89 74.04 3" 77.67 80.78 83.20 85.70 4" 126.65 131.72 135.67 139.74 139.74 2.15 2.24 2.30 2.37 4.71 6.42 6.68 6.88 7.08 10.31 10.72 11.04 11.38 11.38 10.8 10.8 2.42 5.58 8.94 10.50 10.92 11.25 11.59 <td< td=""><td>Current Jan-21 Jan-22 Jan-23 Jan-24 \$ 0.95 \$ 1.10 \$ 1.25 \$ 1.40 \$ 1.55 3/4" \$ 18.54 \$ 19.28 \$ 19.86 \$ 20.46 \$ 21.07 1" 25.64 26.67 27.47 28.29 29.14 1 1/2" 41.46 43.12 44.41 45.74 47.12 2" 67.11 69.79 71.89 74.04 76.27 3" 77.67 80.78 83.20 85.70 88.27 4" 126.65 131.72 135.67 139.74 143.93 2.15 2.24 2.30 2.37 2.44 4.27 4.44 4.57 4.71 4.85 6.42 6.68 6.88 7.08 7.30 10.31 10.72 11.04 11.38 11.72 5.06 5.26 5.42 5.58 5.75 8.10 8.42 8.68 8.94 9.21 10.50 <</td><td>Current Jan-21 Jan-22 Jan-23 Jan-24 \$ 0.95 \$ 1.10 \$ 1.25 \$ 1.40 \$ 1.55 \$ 3/4" \$ 18.54 \$ 19.28 \$ 19.86 \$ 20.46 \$ 21.07 \$ 1" 25.64 26.67 27.47 28.29 29.14 1 1/2" 41.46 43.12 44.41 45.74 47.12 2" 67.11 69.79 71.89 74.04 76.27 3" 77.67 80.78 83.20 85.70 88.27 4" 126.65 131.72 135.67 139.74 143.93 2.15 2.24 2.30 2.37 2.44 4.27 4.44 4.57 4.71 4.85 6.42 6.68 6.88 7.08 7.30 10.31 10.72 11.04 11.38 11.72 5.06 5.26 5.42 5.58 5.75 8.10 8.42 8.68 8.94 9.21</td></td<>	Current Jan-21 Jan-22 Jan-23 Jan-24 \$ 0.95 \$ 1.10 \$ 1.25 \$ 1.40 \$ 1.55 3/4" \$ 18.54 \$ 19.28 \$ 19.86 \$ 20.46 \$ 21.07 1" 25.64 26.67 27.47 28.29 29.14 1 1/2" 41.46 43.12 44.41 45.74 47.12 2" 67.11 69.79 71.89 74.04 76.27 3" 77.67 80.78 83.20 85.70 88.27 4" 126.65 131.72 135.67 139.74 143.93 2.15 2.24 2.30 2.37 2.44 4.27 4.44 4.57 4.71 4.85 6.42 6.68 6.88 7.08 7.30 10.31 10.72 11.04 11.38 11.72 5.06 5.26 5.42 5.58 5.75 8.10 8.42 8.68 8.94 9.21 10.50 <	Current Jan-21 Jan-22 Jan-23 Jan-24 \$ 0.95 \$ 1.10 \$ 1.25 \$ 1.40 \$ 1.55 \$ 3/4" \$ 18.54 \$ 19.28 \$ 19.86 \$ 20.46 \$ 21.07 \$ 1" 25.64 26.67 27.47 28.29 29.14 1 1/2" 41.46 43.12 44.41 45.74 47.12 2" 67.11 69.79 71.89 74.04 76.27 3" 77.67 80.78 83.20 85.70 88.27 4" 126.65 131.72 135.67 139.74 143.93 2.15 2.24 2.30 2.37 2.44 4.27 4.44 4.57 4.71 4.85 6.42 6.68 6.88 7.08 7.30 10.31 10.72 11.04 11.38 11.72 5.06 5.26 5.42 5.58 5.75 8.10 8.42 8.68 8.94 9.21

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Wastewater Rate Plan Assuming Full Budget Funding



					Effective		Effective		Effective	Effective		Effective
Wastewater Rates		C	urrent	Jan-21		Jan-22		Jan-23		Jan-24		Jan-25
Monthly Minimum Charge	3/4"	\$	23.78	\$	24.49	\$	25.23	\$	25.99	\$ 27.02	\$	28.11
	1"		36.49		37.58		38.71		39.87	41.47		43.13
	1 1/2"		44.96		46.31		47.70		49.13	51.09		53.14
	2"		87.35		89.97		92.67		95.45	99.27		103.24
	3"		115.22		118.68		122.24		125.90	130.94		136.18
	4"		152.86		157.45		162.17		167.03	173.72		180.66
Volume Rate/1,000 Gal			6.51		6.71		6.91		7.11	7.40		7.69



Residential Rate Plan Impact on Monthly Charges



			Current	Effective Jan-21	Effective Jan-22	Effective Jan-23	Effective Jan-24	Effective Jan-25
Residential Star	ndard Monthly Bill -	3/4"						
7,000 Gal Water	Total	\$	98.69	\$ 102.86	\$ 106.76	\$ 110.75	\$ 115.45	\$ 120.28
5,000 Gal WW	Increase \$			4.17	3.90	3.99	4.69	4.83
	Increase %			4.2%	3.8%	3.7%	4.2%	4.2%
10,000 Gal Wate 5,000 Gal WW	r Total Increase \$ Increase %		114.35	119.48 5.13 4.5%	124.24 4.75 4.0%	129.09 4.85 3.9%	134.66 5.57 4.3%	140.37 5.71 4.2%
20,000 Gal Wate 10,000 Gal WW	Increase \$		216.30	226.30 10.00	235.43 9.13	244.75 9.31	255.22 10.47	265.96 10.74
	Increase %			4.6%	4.0%	4.0%	4.3%	4.2%

NOTE: Includes CAP Water charges

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Non-Residential Rate Plan Impact on Monthly Charges



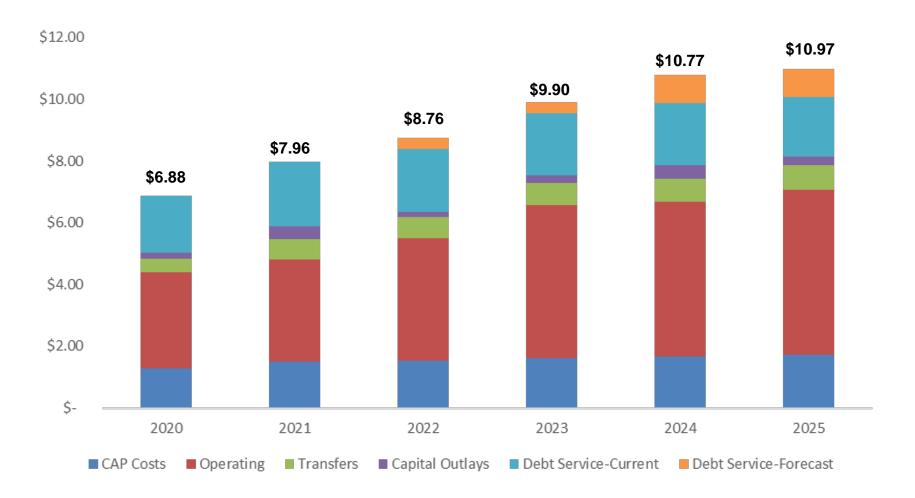
		Current	Effective Jan-21	Effective Jan-22	Effective Jan-23	Effective Jan-24	Effective Jan-25
Commercial Standard Monthly Bill -	2"						
25,000 Gal Water Total 20,000 Gal WW Increase \$ Increase %	\$	434.91	\$ 452.93 18.02 4.1%	469.44 16.51 3.6%	\$ 486.34 16.90 3.6%	\$ 506.01 19.67 4.0%	\$ 526.25 20.24 4.0%
50,000 Gal Water Total 40,000 Gal WW Increase \$ Increase %		745.76	777.71 31.95 4.3%	806.89 29.18 3.8%	836.73 29.83 3.7%	871.03 34.30 4.1%	906.29 35.26 4.0%

NOTE: Includes CAP Water charges



Water Utility Cost per 1,000 Gallons







Non-Rate Fee Recommendations



Fee Code	Description	Current Fee	Proposed Fee	Basis for Recommendation	Percent Increase
Couc	Description	1 66	1 66	Recommendation	Hiciease
	Late Payment Fee	1.50%	1.50%	Comps	0.0%
RC	Returned Check Fee	50.00	52.50	76.38	5.0%
SD	Security Deposit - Resid	200.00	200.00	203.34	0.0%
	Security Deposit - Non Resid	250.00	375.00	856.87	50.0%
CC	Cross Connection-Backflow	9.00	13.50	13.79	50.0%
CF	Same Day New Account	50.00	75.00	121.22	50.0%
CN	Activation Fee - Next Day	60.00	75.00	121.22	25.0%
DN	Disconnect Notice - Water	18.00	27.00	28.59	50.0%
RF	Admin Fee (Shut off)	50.00	50.00	50.77	0.0%
TO	Same Day Reinstatement	50.00	75.00	209.07	50.0%
WA	Water Audit Fee	54.00	81.00	211.23	50.0%
FV	Field Visit	55.00	82.50	176.95	0.0%
LH	Hydrant Connection	150.00	150.00	305.13	0.0%
MT	Meter Tampering	65.00	97.50	135.37	50.0%







Solid Waste Rate Analysis



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Solid Waste Utility Cost Factors



 Service provided only to residential customers

 New contract with RAD effective July 2019, has significantly lowered costs



- No forecast long-term debt
- All capital costs to be funded directly from rates



Solid Waste Cost of Service 2020 -- 2025



	 2020	2021	2022	2023	2024	2025
Contained	\$ 4,345,507 \$	4,598,865 \$	4,925,131 \$	5,223,324 \$	5,539,595 \$	5,875,222
Uncontained	1,420,755	1,301,783	1,943,507	1,607,650	1,750,110	1,765,063
Administration	1,238,003	1,649,763	1,300,644	1,339,663	1,379,853	1,421,248
Customer Service	 403,050	495,511	583,55 <u>5</u>	610,345	638,646	668,560
Total	7,407,316	8,045,924 8.6%	8,752,838 8.8%	8,780,982 0.3%	9,308,204 6.0%	9,730,094 4.5%



Solid Waste Monthly Calculated Cost Per Account



	 2021	2022	2023	2024	2025
Residential					
Contained	\$ 8.14	\$ 7.92	\$ 8.23	\$ 8.42	\$ 8.65
Uncontained	4.24	5.74	4.65	4.89	4.78
Recycle	 7.87	7.65	 7.95	 8.13	 8.36
Total	20.25	21.32	20.83	21.44	21.78
Residential Additional					
Total	8.14	7.92	8.23	8.42	8.65



Solid Waste Rate Plan 2020 – 2025

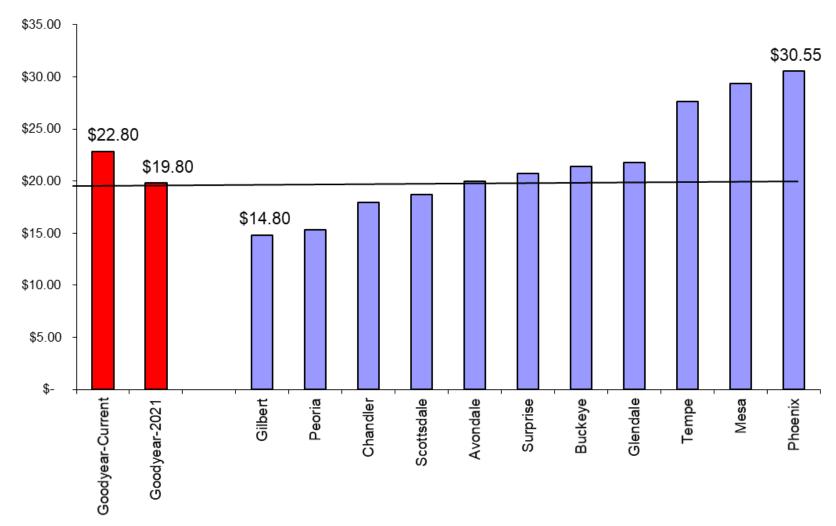


								N	lont	hly Charg	е			
			Eff	ective	Ef	fective	Ef	fective	E	ffective	Ef	fective	Ef	fective
	С	urrent	Ja	n-20	J	an-21	J	an-22	•	Jan-23	J	Jan-24	J	an-25
Residential														
Total Monthly	\$	22.80	\$	22.80	\$	19.80	\$	20.55	\$	21.40	\$	22.25	\$	23.15
Inc/(Dec) Dollars				-		(3.00)		0.75		0.85		0.85		0.90
Inc/(Dec) Percent						-13.0%		4.0%		4.0%		4.0%		4.0%
Residential Additional														
Residential Additional Container		6.26		6.26		7.50		7.80		8.11		8.43		8.77
Inc/(Dec) Dollars		0.20		-		1.24		0.30		0.31		0.32		0.34
Inc/(Dec) Percent						20.0%		4.0%		4.0%		4.0%		4.0%



Solid Waste Monthly Charge Comparison











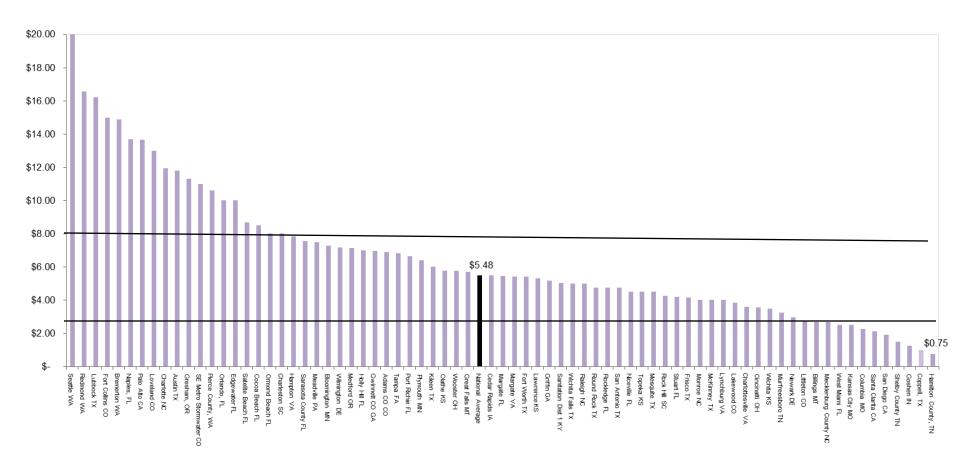
Stormwater Rate Analysis



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National Survey Average Monthly Residential Stormwater Fee



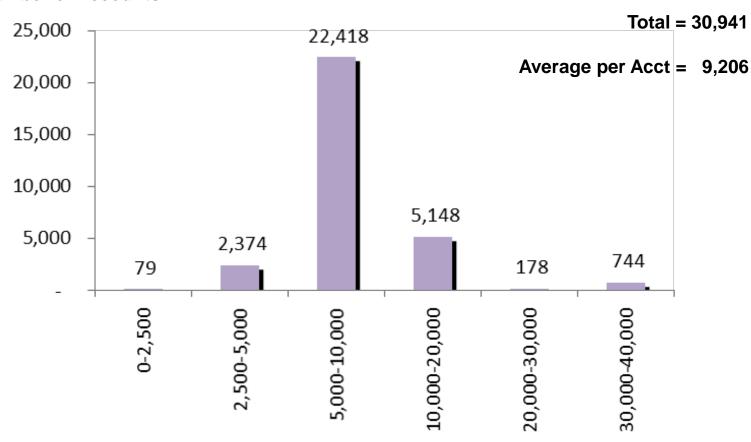




Residential Accounts Number of Accounts per Square Foot Range



Number of Accounts



Square Feet

NOTE: Extrapolated from total parcels

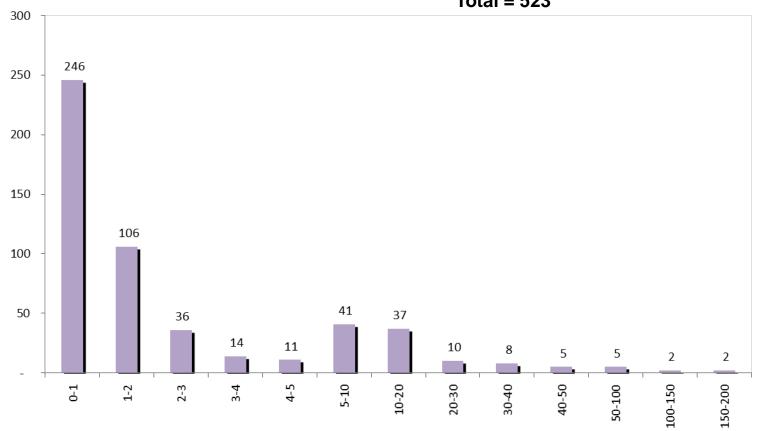


Commercial Accounts Total Accounts per Acre Range



Number of Accounts

Total = 523



Acres

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Forecast Stormwater Cost of Service



	2020	2021	2022	2023	2024	2025
Operating Expenses						_
SW Program Management \$	295,495 \$	304,700	\$ 314,100	\$ 323,800	\$ 333,800	\$ 344,200
System Maintenance	-	-	135,500	169,200	137,200	172,400
Water Quality Compliance	-	-	-	86,000	88,300	165,900
System Planning	-	-	276,300	456,900	299,500	311,700
Stormwater Utility	-	-	54,200	28,200	29,400	275,100
Stormwater Program Admir _	<u>-</u> _	<u> </u>				
Total Operating	295,495	304,700	780,100	1,064,100	888,200	1,269,300
Capital Outlays	188,600	-	-	58,600	44,400	9,300
Debt Service	<u> </u>	<u>-</u> -	235,255	235,255	436,902	436,902
Total Cost of Service	484,095	304,700	1,015,355	1,357,955	1,369,502	1,715,502

NOTE: Account growth forecast to equal wastewater accounts

SOURCE: Black and Veatch

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Stormwater Utility Notes on Fee Proposal



 Recommend set initial uniform monthly fee for residential

- Commercial monthly fee to be based on acres of total property
- At some future point when sufficient data is tabulated, City should consider converting commercial accounts to be based on impervious surface data





Proposed Stormwater Monthly Charges



Jan-21		Jan-22	Jan-23	Jan-24	Jan-25
STORMWATER Utility Mon					
Residential	\$ 1.00	\$ 2.00	\$ 2.50	\$ 2.50	\$ 3.50
Per Account					
Commercial					
Per Acre	4.00	8.00	10.00	10.00	14.00
Acres					
1	4.00	8.00	10.00	10.00	14.00
3	12.00	24.00	30.00	30.00	42.00
5	20.00	40.00	50.00	50.00	70.00
10	40.00	80.00	100.00	100.00	140.00
20	80.00	160.00	200.00	200.00	280.00
50	200.00	400.00	500.00	500.00	700.00
100	400.00	800.00	1,000.00	1,000.00	1,400.00
150	600.00	1,200.00	1,500.00	1,500.00	2,100.00

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Stormwater Residential Monthly Fee Comparison



Goodyear (proposed)	\$ 1.00
Apache Junction	-
Buckeye	-
Chandler	-
Gilbert	-
Glendale	-
Mesa	-
Phoenix	-
Queen Creek	-
Tempe	-
Avondale *	1.00
Surprise	2.75
Flagstaff	3.74
Scottsdale	4.10



^{*} Referred to as "Environmental Fee"

Water, Wastewater, Solid Waste, Stormwater Combined Impact on Monthly Charges



	Gallons	С	urrent	,	Jan-21	,	Jan-22	Jan-23	Jan-24	Jan-25
Water	7,000	\$	42.36	\$	44.84	\$	47.00	\$ 49.20	\$ 51.43	\$ 53.70
Wastewater Solid Waste	5,000		56.33 22.80		58.02 19.80		59.76 20.55	61.55 21.40	64.02 22.25	66.58 23.15
Stormwater			_		1.00		2.00	 2.50	 2.50	 3.50
Total			121.49		123.66		129.31	134.65	140.20	146.93
Difference					2.17		5.65	5.34	5.54	6.73
Water Wastewater Solid Waste Stormwater Total	10,000 5,000	\$	58.02 56.33 22.80 - 137.15	\$	61.46 58.02 19.80 1.00 140.28	\$	64.47 59.76 20.55 2.00 146.79	\$ 67.53 61.55 21.40 2.50 152.99	\$ 70.64 64.02 22.25 2.50 159.41	\$ 73.79 66.58 23.15 3.50 167.02
Difference					3.13		6.50	6.20	6.42	7.61

NOTE: Includes CAP Water charges



Presentation Summary How Will Rate Plan Benefit City?

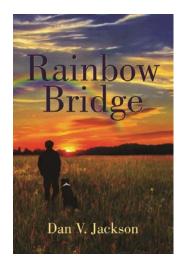


- Will result in a financially-healthy utility that has the ability to funds all its financial needs
- Will ensure that new water treatment plant and \$150 million in other water/ww CIP is adequately funded
- Will enable City to fund stormwater infrastructure and operating costs
- Ensures that customers only pay what it costs to provide service









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Questions?

