



# Water Reliability Charge

Public Works Commission

October 11, 2018



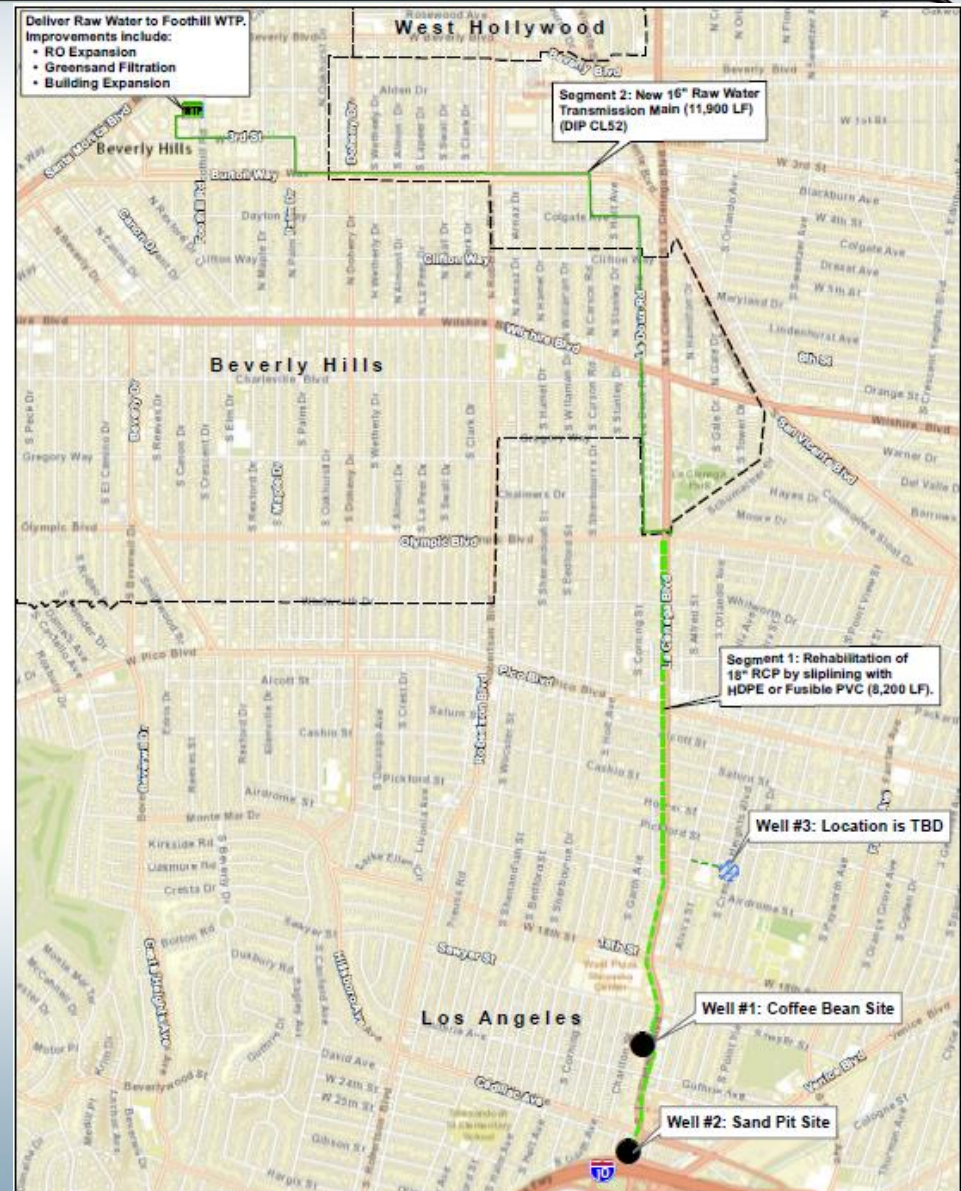
# Introduction

- Meeting objectives
  - Present updated Water Reliability Charge scenarios
  - Receive input and direction
- Next steps
  - Present to Liaison Committee
  - Present to City Council to approve notice
  - Prepare full cost-of-service study report
  - Conduct Proposition 218 rate adoption process



# Water Reliability Project

- Objective: Create long-term local water supply
  - Deliver raw water to City's Foothill Water Treatment Plant from 3 new wells
  - 1,700 Acre Feet per year (approx. 18% of current water demand)
  - Less reliant on MWD water
- Project costs until up and running (2017-2025)
  - \$55.8M in total capital costs
  - \$4.5M in total O&M costs
- Average annual O&M costs once up and running = \$4.6M (includes inflationary increases at 3% per year)





# Water Reliability Charge

Recommendation	<ul style="list-style-type: none"><li>- Add charge <b>to all quantity charges</b> (including Irrigation customers)</li><li>- Charge is <b>uniform per HCF</b> Charge derived as a flat amount based on the <b>30-year life cycle cost</b></li><li>- \$10 million general fund contribution will subsidize Inside City customer charges</li></ul>
Rationale	<ul style="list-style-type: none"><li>- Creating a separate charge for a major capital improvement highlights the cost of improving supplies</li></ul>
Outcomes	<ul style="list-style-type: none"><li>- Provides an additional funding source based on long-term cost recovery that is clearly identified</li></ul>



# Water Reliability Charge Scenarios

	1 - Bond		2a - GF Line of Credit		2b - GF Line of Credit		3 - GF Subsidy	
<b>Assumptions:</b>								
<i>Bond (30yrs, 4.0%)</i>	\$31.85M		--		--		\$20.0M	
<i>General Fund Line of Credit (3.0%)</i>	--		\$24.3M		\$23.3M		--	
<i>Total Interest Incurred</i>	\$23.4M		\$12.5M		\$15.6M		\$14.7M	
<i>Year of Full Debt Payback</i>	FY2048-49		FY2044-45		FY2048-49		FY2048-49	
<i>Contribution from Reserves</i>	\$12.5M		\$12.5M		\$12.5M		\$12.5M	
<i>Year of Full Reserves Payback</i>	FY2048-49		FY2048-49		FY2031-32		FY2048-49	
<i>General Fund Subsidy Amount *</i>	\$10M		\$10M		\$10M		\$26.5M	
<i>Interest Savings from GF Subsidy</i>	\$7.1M		\$4.8M		\$6.2M		\$15.7M	
<i>Inside City Subsidy for 30 years (\$/hcf)</i>	\$0.15		\$0.13		\$0.14		\$0.37	
<b>Rates per HCF</b>								
Annual Rate Increase	1 cent		1 cent		1 cent		1 cent	
<u>Fiscal Year</u>	<b>Inside</b>	<b>Outside</b>	<b>Inside</b>	<b>Outside</b>	<b>Inside</b>	<b>Outside</b>	<b>Inside</b>	<b>Outside</b>
FY 2018-19 (Year 1)	\$0.23	\$0.38	\$0.15	\$0.28	\$0.19	\$0.33	\$0.01	\$0.38
FY 2048-49 (Year 30)	\$0.53	\$0.68	\$0.45	\$0.58	\$0.49	\$0.63	\$0.31	\$0.68

Note: All scenarios reflect the \$9M land purchase by the General Fund in FY2017-18

**\* Removing the General Fund subsidy from any scenario results in equal rates for both Inside City and Outside City customers, at the Outside City rates shown above.**



# Water Reliability Charge Scenarios

	1 - Bond		2a - GF Line of Credit		2b - GF Line of Credit		3 - GF Subsidy	
Rates per HCF								
Annual Rate Increase	1 cent		1 cent		1 cent		1 cent	
Fiscal Year	Inside	Outside	Inside	Outside	Inside	Outside	Inside	Outside
FY 2018-19 (Year 1)	\$0.23	\$0.38	\$0.15	\$0.28	\$0.19	\$0.33	\$0.01	\$0.38
FY 2019-20	\$0.24	\$0.39	\$0.16	\$0.29	\$0.20	\$0.34	\$0.02	\$0.39
FY 2020-21	\$0.25	\$0.40	\$0.17	\$0.30	\$0.21	\$0.35	\$0.03	\$0.40
FY 2021-22	\$0.26	\$0.41	\$0.18	\$0.31	\$0.22	\$0.36	\$0.04	\$0.41
FY 2022-23	\$0.27	\$0.42	\$0.19	\$0.32	\$0.23	\$0.37	\$0.05	\$0.42
FY 2023-24	\$0.28	\$0.43	\$0.20	\$0.33	\$0.24	\$0.38	\$0.06	\$0.43
FY 2024-25	\$0.29	\$0.44	\$0.21	\$0.34	\$0.25	\$0.39	\$0.07	\$0.44
FY 2025-26	\$0.30	\$0.45	\$0.22	\$0.35	\$0.26	\$0.40	\$0.08	\$0.45
FY 2026-27	\$0.31	\$0.46	\$0.23	\$0.36	\$0.27	\$0.41	\$0.09	\$0.46
FY 2027-28	\$0.32	\$0.47	\$0.24	\$0.37	\$0.28	\$0.42	\$0.10	\$0.47
FY 2028-29	\$0.33	\$0.48	\$0.25	\$0.38	\$0.29	\$0.43	\$0.11	\$0.48
FY 2029-30	\$0.34	\$0.49	\$0.26	\$0.39	\$0.30	\$0.44	\$0.12	\$0.49
FY 2030-31	\$0.35	\$0.50	\$0.27	\$0.40	\$0.31	\$0.45	\$0.13	\$0.50
FY 2031-32	\$0.36	\$0.51	\$0.28	\$0.41	\$0.32	\$0.46	\$0.14	\$0.51
FY 2032-33	\$0.37	\$0.52	\$0.29	\$0.42	\$0.33	\$0.47	\$0.15	\$0.52
FY 2033-34	\$0.38	\$0.53	\$0.30	\$0.43	\$0.34	\$0.48	\$0.16	\$0.53
FY 2034-35	\$0.39	\$0.54	\$0.31	\$0.44	\$0.35	\$0.49	\$0.17	\$0.54
FY 2035-36	\$0.40	\$0.55	\$0.32	\$0.45	\$0.36	\$0.50	\$0.18	\$0.55
FY 2036-37	\$0.41	\$0.56	\$0.33	\$0.46	\$0.37	\$0.51	\$0.19	\$0.56
FY 2037-38	\$0.42	\$0.57	\$0.34	\$0.47	\$0.38	\$0.52	\$0.20	\$0.57
FY 2038-39	\$0.43	\$0.58	\$0.35	\$0.48	\$0.39	\$0.53	\$0.21	\$0.58
FY 2039-40	\$0.44	\$0.59	\$0.36	\$0.49	\$0.40	\$0.54	\$0.22	\$0.59
FY 2040-41	\$0.45	\$0.60	\$0.37	\$0.50	\$0.41	\$0.55	\$0.23	\$0.60
FY 2041-42	\$0.46	\$0.61	\$0.38	\$0.51	\$0.42	\$0.56	\$0.24	\$0.61
FY 2042-43	\$0.47	\$0.62	\$0.39	\$0.52	\$0.43	\$0.57	\$0.25	\$0.62
FY 2043-44	\$0.48	\$0.63	\$0.40	\$0.53	\$0.44	\$0.58	\$0.26	\$0.63
FY 2044-45	\$0.49	\$0.64	\$0.41	\$0.54	\$0.45	\$0.59	\$0.27	\$0.64
FY 2045-46	\$0.50	\$0.65	\$0.42	\$0.55	\$0.46	\$0.60	\$0.28	\$0.65
FY 2046-47	\$0.51	\$0.66	\$0.43	\$0.56	\$0.47	\$0.61	\$0.29	\$0.66
FY 2047-48	\$0.52	\$0.67	\$0.44	\$0.57	\$0.48	\$0.62	\$0.30	\$0.67
FY 2048-49 (Year 30)	\$0.53	\$0.68	\$0.45	\$0.58	\$0.49	\$0.63	\$0.31	\$0.68



# Bill Impacts: Scenario #1, Inside City

## Scenario #1

- \$31.85M bond
- \$10M General Fund subsidy
- Bond and reserves paid back in FY 2048-49

Average Bi-monthly Bill Impacts - INSIDE City Customers - Scenario 1 (Bond)							
	Meter Size	Water Use (HCF)	Current Bill	Proposed			
				1/1/2019	1/1/2020	1/1/2021	1/1/2022
<b>Single Family</b>	1"	48					
Service Charge			\$44.66	\$48.97	\$50.44	\$51.95	\$53.51
Quantity Charge			\$241.60	\$230.06	\$236.96	\$244.07	\$251.39
Water Reliability Charge			\$0.00	\$11.04	\$11.52	\$12.00	\$12.48
Total Bill			\$286.26	\$290.07	\$298.92	\$308.02	\$317.38
\$ Change				\$3.81	\$8.85	\$9.10	\$9.36
<b>Multi Family (10 units)</b>	1"	90					
Service Charge			\$44.66	\$48.97	\$50.44	\$51.95	\$53.51
Quantity Charge			\$425.80	\$462.50	\$476.38	\$490.67	\$505.39
Water Reliability Charge			\$0.00	\$20.70	\$21.60	\$22.50	\$23.40
Total Bill			\$470.46	\$532.17	\$548.41	\$565.12	\$582.30
Per Dwelling Unit			\$47.05	\$53.22	\$54.84	\$56.51	\$58.23
\$ Change				\$6.17	\$1.62	\$1.67	\$1.72
<b>Commercial</b>	1.5"	126					
Service Charge			\$77.41	\$85.88	\$88.46	\$91.11	\$93.84
Quantity Charge			\$864.36	\$835.38	\$860.44	\$886.25	\$912.84
Water Reliability Charge			\$0.00	\$28.98	\$30.24	\$31.50	\$32.76
Total Bill			\$941.77	\$950.24	\$979.14	\$1,008.86	\$1,039.45
\$ Change				\$8.47	\$28.90	\$29.73	\$30.58



# Bill Impacts: Scenario #2a, Inside City

## Scenario #2a

- \$24.3M General Fund Line of Credit @3.0%
- Line of Credit paid back **BEFORE** reserves

Average Bi-monthly Bill Impacts - INSIDE City Customers - Scenario 2a (GF Line of Credit)							
	Meter Size	Water Use (HCF)	Current Bill	Proposed			
				1/1/2019	1/1/2020	1/1/2021	1/1/2022
<b>Single Family</b>	1"	48					
Service Charge			\$44.66	\$48.97	\$50.44	\$51.95	\$53.51
Quantity Charge			\$241.60	\$230.06	\$236.96	\$244.07	\$251.39
Water Reliability Charge			<u>\$0.00</u>	<u>\$7.20</u>	<u>\$7.68</u>	<u>\$8.16</u>	<u>\$8.64</u>
Total Bill			\$286.26	\$286.23	\$295.08	\$304.18	\$313.54
\$ Change				(\$0.03)	\$8.85	\$9.10	\$9.36
<b>Multi Family (10 units)</b>	1"	90					
Service Charge			\$44.66	\$48.97	\$50.44	\$51.95	\$53.51
Quantity Charge			\$425.80	\$462.50	\$476.38	\$490.67	\$505.39
Water Reliability Charge			<u>\$0.00</u>	<u>\$13.50</u>	<u>\$14.40</u>	<u>\$15.30</u>	<u>\$16.20</u>
Total Bill			\$470.46	\$524.97	\$541.21	\$557.92	\$575.10
Per Dwelling Unit			\$47.05	\$52.50	\$54.12	\$55.79	\$57.51
\$ Change				\$5.45	\$1.62	\$1.67	\$1.72
<b>Commercial</b>	1.5"	126					
Service Charge			\$77.41	\$85.88	\$88.46	\$91.11	\$93.84
Quantity Charge			\$864.36	\$835.38	\$860.44	\$886.25	\$912.84
Water Reliability Charge			<u>\$0.00</u>	<u>\$18.90</u>	<u>\$20.16</u>	<u>\$21.42</u>	<u>\$22.68</u>
Total Bill			\$941.77	\$940.16	\$969.06	\$998.78	\$1,029.37
\$ Change				(\$1.61)	\$28.90	\$29.73	\$30.58





# Bill Impacts: Scenario #2b, Inside City

## Scenario #2b

- \$23.3M General Fund Line of Credit @3.0%
- Line of Credit paid back **AFTER** reserves

Average Bi-monthly Bill Impacts - INSIDE City Customers - Scenario 2b (GF Line of Credit)							
	Meter Size	Water Use (HCF)	Current Bill	Proposed			
				1/1/2019	1/1/2020	1/1/2021	1/1/2022
<b>Single Family</b>	1"	48					
Service Charge			\$44.66	\$48.97	\$50.44	\$51.95	\$53.51
Quantity Charge			\$241.60	\$230.06	\$236.96	\$244.07	\$251.39
Water Reliability Charge			<u>\$0.00</u>	<u>\$9.12</u>	<u>\$9.60</u>	<u>\$10.08</u>	<u>\$10.56</u>
Total Bill			\$286.26	\$288.15	\$297.00	\$306.10	\$315.46
\$ Change				\$1.89	\$8.85	\$9.10	\$9.36
<b>Multi Family (10 units)</b>	1"	90					
Service Charge			\$44.66	\$48.97	\$50.44	\$51.95	\$53.51
Quantity Charge			\$425.80	\$462.50	\$476.38	\$490.67	\$505.39
Water Reliability Charge			<u>\$0.00</u>	<u>\$17.10</u>	<u>\$18.00</u>	<u>\$18.90</u>	<u>\$19.80</u>
Total Bill			\$470.46	\$528.57	\$544.81	\$561.52	\$578.70
Per Dwelling Unit			\$47.05	\$52.86	\$54.48	\$56.15	\$57.87
\$ Change				\$5.81	\$1.62	\$1.67	\$1.72
<b>Commercial</b>	1.5"	126					
Service Charge			\$77.41	\$85.88	\$88.46	\$91.11	\$93.84
Quantity Charge			\$864.36	\$835.38	\$860.44	\$886.25	\$912.84
Water Reliability Charge			<u>\$0.00</u>	<u>\$23.94</u>	<u>\$25.20</u>	<u>\$26.46</u>	<u>\$27.72</u>
Total Bill			\$941.77	\$945.20	\$974.10	\$1,003.82	\$1,034.41
\$ Change				\$3.43	\$28.90	\$29.73	\$30.58



# Bill Impacts: Scenario #3, Inside City

## Scenario #3

- \$26.5M General Fund subsidy
- \$20.0M Bond
- Bond and reserves paid back in FY 2048-49

Average Bi-monthly Bill Impacts - INSIDE City Customers - Scenario 3 (GF Subsidy)							
	Meter Size	Water Use (HCF)	Current Bill	Proposed			
				1/1/2019	1/1/2020	1/1/2021	1/1/2022
<b>Single Family</b>	1"	48					
Service Charge			\$44.66	\$48.97	\$50.44	\$51.95	\$53.51
Quantity Charge			\$241.60	\$230.06	\$236.96	\$244.07	\$251.39
Water Reliability Charge			\$0.00	\$0.48	\$0.96	\$1.44	\$1.92
Total Bill			\$286.26	\$279.51	\$288.36	\$297.46	\$306.82
\$ Change				(\$6.75)	\$8.85	\$9.10	\$9.36
<b>Multi Family (10 units)</b>	1"	90					
Service Charge			\$44.66	\$48.97	\$50.44	\$51.95	\$53.51
Quantity Charge			\$425.80	\$462.50	\$476.38	\$490.67	\$505.39
Water Reliability Charge			\$0.00	\$0.90	\$1.80	\$2.70	\$3.60
Total Bill			\$470.46	\$512.37	\$528.61	\$545.32	\$562.50
Per Dwelling Unit			\$47.05	\$51.24	\$52.86	\$54.53	\$56.25
\$ Change				\$4.19	\$1.62	\$1.67	\$1.72
<b>Commercial</b>	1.5"	126					
Service Charge			\$77.41	\$85.88	\$88.46	\$91.11	\$93.84
Quantity Charge			\$864.36	\$835.38	\$860.44	\$886.25	\$912.84
Water Reliability Charge			\$0.00	\$1.26	\$2.52	\$3.78	\$5.04
Total Bill			\$941.77	\$922.52	\$951.42	\$981.14	\$1,011.73
\$ Change				(\$19.25)	\$28.90	\$29.73	\$30.58



# Bill Impacts: Scenario #1, Outside City

## Scenario #1

- \$31.85M bond
- \$10M General Fund subsidy
- Bond and reserves paid back in FY 2048-49

Average Bi-monthly Bill Impacts - OUTSIDE City Customers - Scenario 1 (Bond)							
	Meter Size	Water Use (HCF)	Current Bill	Proposed			
				1/1/2019	1/1/2020	1/1/2021	1/1/2022
<b>Single Family</b>	1"	48					
Service Charge			\$55.83	\$48.97	\$50.44	\$51.95	\$53.51
Quantity Charge			\$302.04	\$269.42	\$277.50	\$285.83	\$294.40
Water Reliability Charge			<u>\$0.00</u>	<u>\$18.24</u>	<u>\$18.72</u>	<u>\$19.20</u>	<u>\$19.68</u>
Total Bill			\$357.87	\$336.63	\$346.66	\$356.98	\$367.59
\$ Change				(\$21.24)	\$10.03	\$10.32	\$10.61
<b>Multi Family (10 units)</b>	1"	90					
Service Charge			\$55.83	\$48.97	\$50.44	\$51.95	\$53.51
Quantity Charge			\$531.90	\$536.30	\$552.39	\$568.96	\$586.03
Water Reliability Charge			<u>\$0.00</u>	<u>\$34.20</u>	<u>\$35.10</u>	<u>\$36.00</u>	<u>\$36.90</u>
Total Bill			\$587.73	\$619.47	\$637.93	\$656.91	\$676.44
Per Dwelling Unit			\$58.77	\$61.95	\$63.79	\$65.69	\$67.64
\$ Change				\$3.17	\$1.85	\$1.90	\$1.95
<b>Commercial</b>	1.5"	126					
Service Charge			\$96.77	\$85.88	\$88.46	\$91.11	\$93.84
Quantity Charge			\$1,081.08	\$938.70	\$966.86	\$995.87	\$1,025.74
Water Reliability Charge			<u>\$0.00</u>	<u>\$47.88</u>	<u>\$49.14</u>	<u>\$50.40</u>	<u>\$51.66</u>
Total Bill			\$1,177.85	\$1,072.46	\$1,104.46	\$1,137.38	\$1,171.25
\$ Change				(\$105.39)	\$32.00	\$32.92	\$33.87



# Bill Impacts: Scenario #2a, Outside City

## Scenario #2a

- \$24.3M General Fund Line of Credit @3.0%
- Line of Credit paid back **BEFORE** reserves

Average Bi-monthly Bill Impacts - OUTSIDE City Customers - Scenario 2a (GF Line of Credit)							
	Meter Size	Water Use (HCF)	Current Bill	Proposed			
				1/1/2019	1/1/2020	1/1/2021	1/1/2022
<b>Single Family</b>	1"	48					
Service Charge			\$55.83	\$48.97	\$50.44	\$51.95	\$53.51
Quantity Charge			\$302.04	\$269.42	\$277.50	\$285.83	\$294.40
Water Reliability Charge			<u>\$0.00</u>	<u>\$13.44</u>	<u>\$13.92</u>	<u>\$14.40</u>	<u>\$14.88</u>
Total Bill			\$357.87	\$331.83	\$341.86	\$352.18	\$362.79
\$ Change				(\$26.04)	\$10.03	\$10.32	\$10.61
<b>Multi Family (10 units)</b>	1"	90					
Service Charge			\$55.83	\$48.97	\$50.44	\$51.95	\$53.51
Quantity Charge			\$531.90	\$536.30	\$552.39	\$568.96	\$586.03
Water Reliability Charge			<u>\$0.00</u>	<u>\$25.20</u>	<u>\$26.10</u>	<u>\$27.00</u>	<u>\$27.90</u>
Total Bill			\$587.73	\$610.47	\$628.93	\$647.91	\$667.44
Per Dwelling Unit			\$58.77	\$61.05	\$62.89	\$64.79	\$66.74
\$ Change				\$2.27	\$1.85	\$1.90	\$1.95
<b>Commercial</b>	1.5"	126					
Service Charge			\$96.77	\$85.88	\$88.46	\$91.11	\$93.84
Quantity Charge			\$1,081.08	\$938.70	\$966.86	\$995.87	\$1,025.74
Water Reliability Charge			<u>\$0.00</u>	<u>\$35.28</u>	<u>\$36.54</u>	<u>\$37.80</u>	<u>\$39.06</u>
Total Bill			\$1,177.85	\$1,059.86	\$1,091.86	\$1,124.78	\$1,158.65
\$ Change				(\$117.99)	\$32.00	\$32.92	\$33.87



# Bill Impacts: Scenario #2b, Outside City

## Scenario #2b

- \$23.3M General Fund Line of Credit @3.0%
- Line of Credit paid back **AFTER** reserves

Average Bi-monthly Bill Impacts - OUTSIDE City Customers - Scenario 2b (GF Line of Credit)							
	Meter Size	Water Use (HCF)	Current Bill	Proposed			
				1/1/2019	1/1/2020	1/1/2021	1/1/2022
<b>Single Family</b>	1"	48					
Service Charge			\$55.83	\$48.97	\$50.44	\$51.95	\$53.51
Quantity Charge			\$302.04	\$269.42	\$277.50	\$285.83	\$294.40
Water Reliability Charge			<u>\$0.00</u>	<u>\$15.84</u>	<u>\$16.32</u>	<u>\$16.80</u>	<u>\$17.28</u>
Total Bill			\$357.87	\$334.23	\$344.26	\$354.58	\$365.19
\$ Change				(\$23.64)	\$10.03	\$10.32	\$10.61
<b>Multi Family (10 units)</b>	1"	90					
Service Charge			\$55.83	\$48.97	\$50.44	\$51.95	\$53.51
Quantity Charge			\$531.90	\$536.30	\$552.39	\$568.96	\$586.03
Water Reliability Charge			<u>\$0.00</u>	<u>\$29.70</u>	<u>\$30.60</u>	<u>\$31.50</u>	<u>\$32.40</u>
Total Bill			\$587.73	\$614.97	\$633.43	\$652.41	\$671.94
Per Dwelling Unit			\$58.77	\$61.50	\$63.34	\$65.24	\$67.19
\$ Change				\$2.72	\$1.85	\$1.90	\$1.95
<b>Commercial</b>	1.5"	126					
Service Charge			\$96.77	\$85.88	\$88.46	\$91.11	\$93.84
Quantity Charge			\$1,081.08	\$938.70	\$966.86	\$995.87	\$1,025.74
Water Reliability Charge			<u>\$0.00</u>	<u>\$41.58</u>	<u>\$42.84</u>	<u>\$44.10</u>	<u>\$45.36</u>
Total Bill			\$1,177.85	\$1,066.16	\$1,098.16	\$1,131.08	\$1,164.95
\$ Change				(\$111.69)	\$32.00	\$32.92	\$33.87



# Bill Impacts: Scenario #3, Outside City

## Scenario #3

- \$26.5M General Fund subsidy
- \$20.0M Bond
- Bond and reserves paid back in FY 2048-49

Average Bi-monthly Bill Impacts - OUTSIDE City Customers - Scenario 3 (GF Subsidy)							
	Meter Size	Water Use (HCF)	Current Bill	Proposed			
				1/1/2019	1/1/2020	1/1/2021	1/1/2022
<b>Single Family</b>	1"	48					
Service Charge			\$55.83	\$48.97	\$50.44	\$51.95	\$53.51
Quantity Charge			\$302.04	\$269.42	\$277.50	\$285.83	\$294.40
Water Reliability Charge			\$0.00	\$18.24	\$18.72	\$19.20	\$19.68
Total Bill			\$357.87	\$336.63	\$346.66	\$356.98	\$367.59
\$ Change				(\$21.24)	\$10.03	\$10.32	\$10.61
<b>Multi Family (10 units)</b>	1"	90					
Service Charge			\$55.83	\$48.97	\$50.44	\$51.95	\$53.51
Quantity Charge			\$531.90	\$536.30	\$552.39	\$568.96	\$586.03
Water Reliability Charge			\$0.00	\$34.20	\$35.10	\$36.00	\$36.90
Total Bill			\$587.73	\$619.47	\$637.93	\$656.91	\$676.44
Per Dwelling Unit			\$58.77	\$61.95	\$63.79	\$65.69	\$67.64
\$ Change				\$3.17	\$1.85	\$1.90	\$1.95
<b>Commercial</b>	1.5"	126					
Service Charge			\$96.77	\$85.88	\$88.46	\$91.11	\$93.84
Quantity Charge			\$1,081.08	\$938.70	\$966.86	\$995.87	\$1,025.74
Water Reliability Charge			\$0.00	\$47.88	\$49.14	\$50.40	\$51.66
Total Bill			\$1,177.85	\$1,072.46	\$1,104.46	\$1,137.38	\$1,171.25
\$ Change				(\$105.39)	\$32.00	\$32.92	\$33.87



**END OF PRESENTATION**