

# **LEHIGH COUNTY AUTHORITY**

**YTD KPI's & PERFORMANCE TO FORECAST**

**DECEMBER 2019**

**(Unaudited)**

## SUMMARY FIGURES

### YEAR-TO-DATE

#### DECEMBER 2019

Actual

Forecast

FC Var

#### Income Statement

Suburban Water	811,663	788,237	23,426
Suburban Wastewater	(967,555)	(1,004,431)	36,876
City Division	<u>(2,102,351)</u>	<u>(2,286,003)</u>	<u>183,652</u>
Total LCA	<u><u>(2,258,243)</u></u>	<u><u>(2,502,197)</u></u>	<u><u>243,954</u></u>

#### Cash Flow Statement

Suburban Water	2,470,117	2,267,329	202,788
Suburban Wastewater	(1,600,329)	(1,887,134)	286,805
City Division	<u>7,412,882</u>	<u>3,381,185</u>	<u>4,031,697</u>
Total LCA	<u><u>8,282,670</u></u>	<u><u>3,761,380</u></u>	<u><u>4,521,290</u></u>

#### Debt Service Coverage Ratio

Suburban Water	1.60	1.59	0.01
Suburban Wastewater	8.57	8.10	0.47
City Division	1.54	1.50	0.05

# YTD Major Factors – Suburban Water

## NET INCOME

- Profit – driven by operating income
- Better than forecast
  - Lower operating revenues
  - Lower operating expenses
  - Higher non-operating revenues

## CASH FLOWS

- Surplus – cash from ops + investment maturities > capex
- Better than forecast
  - Higher cash from operations
  - Higher investment maturities
  - Higher capex

# YTD Major Factors – Suburban WW

## NET INCOME

- Loss – driven by expensed capex (WLI Emergency)
- Better than forecast (forecasted higher loss)
  - Higher operating revenues
  - Lower operating expenses
  - Higher expensed capex

## CASH FLOWS

- Deficit – capex driven
- Better than forecast (forecasted higher deficit)
  - Higher cash from operations
  - Higher capex

# YTD Major Factors – City Division

## NET INCOME

- Loss – driven by interest expenses
- Better than forecast (forecasted higher loss)
  - Higher operating revenues
  - Lower operating expenses
  - Higher non-operating revenues

## CASH FLOWS

- Surplus – cash from ops > capex + DS + investment maturity
- Better than forecast
  - Higher cash from operations
  - Higher investment maturities
  - Slightly higher capex

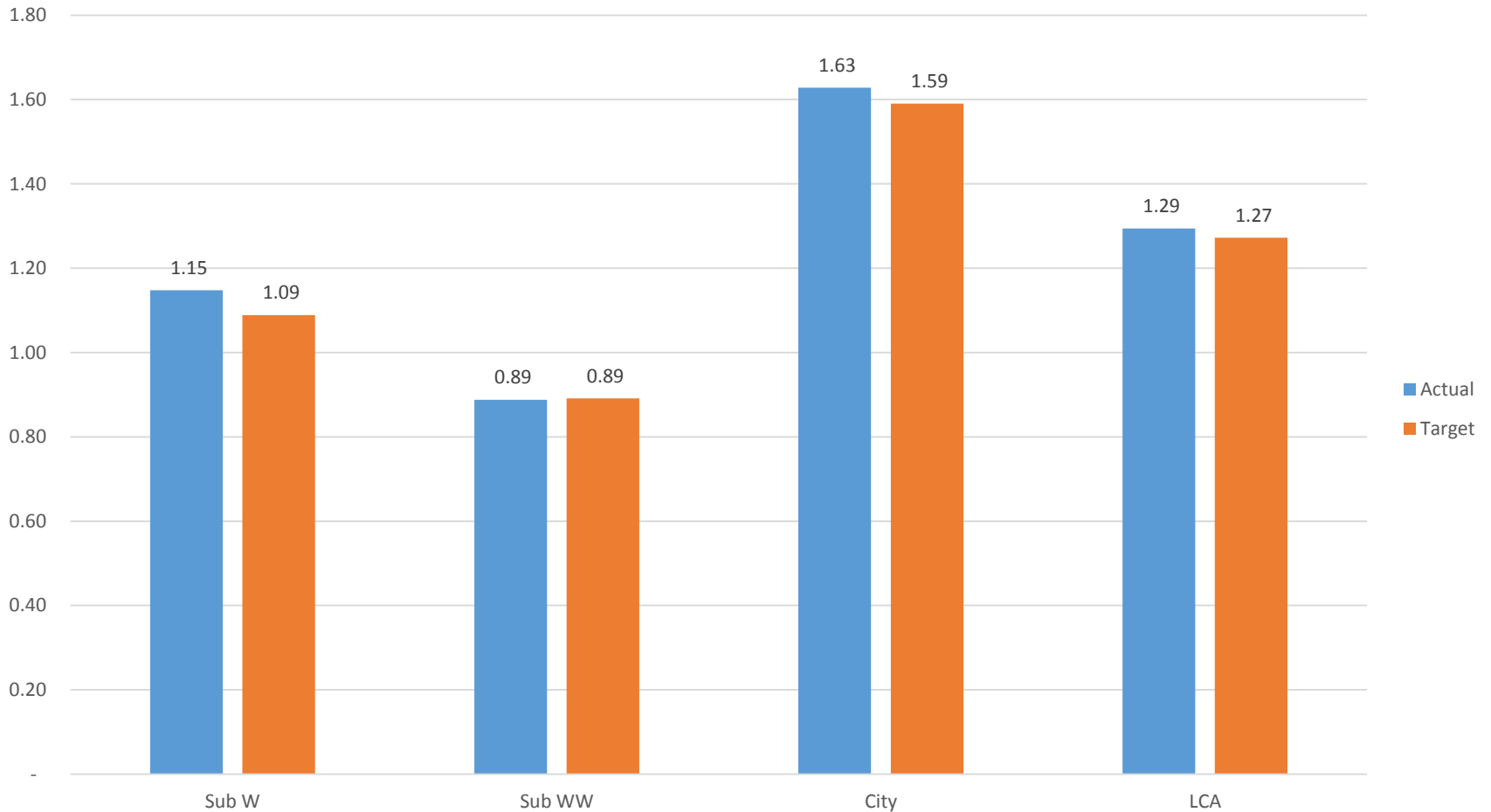
## SUMMARY FIGURES

### FULL YEAR

<u>DECEMBER 2019</u>	<u>Actual</u>	<u>Budget</u>	<u>Bud Var</u>
<b><u>Income Statement</u></b>			
Suburban Water	811,663	236,452	575,211
Suburban Wastewater	(967,555)	(3,181,241)	2,213,686
City Division	<u>(2,102,351)</u>	<u>(4,036,377)</u>	<u>1,934,026</u>
Total LCA	<u><u>(2,258,243)</u></u>	<u><u>(6,981,166)</u></u>	<u><u>4,722,923</u></u>
<b><u>Cash Flow Statement</u></b>			
Suburban Water	2,470,117	(2,378,358)	4,848,475
Suburban Wastewater	(1,600,329)	(5,238,106)	3,637,777
City Division	<u>7,412,882</u>	<u>1,602,538</u>	<u>5,810,344</u>
Total LCA	<u><u>8,282,670</u></u>	<u><u>(6,013,926)</u></u>	<u><u>14,296,596</u></u>
<b><u>Debt Service Coverage Ratio</u></b>			
Suburban Water	1.60	1.40	0.21
Suburban Wastewater	8.57	5.52	3.05
City Division	1.54	1.37	0.18

# MAJOR KPI's

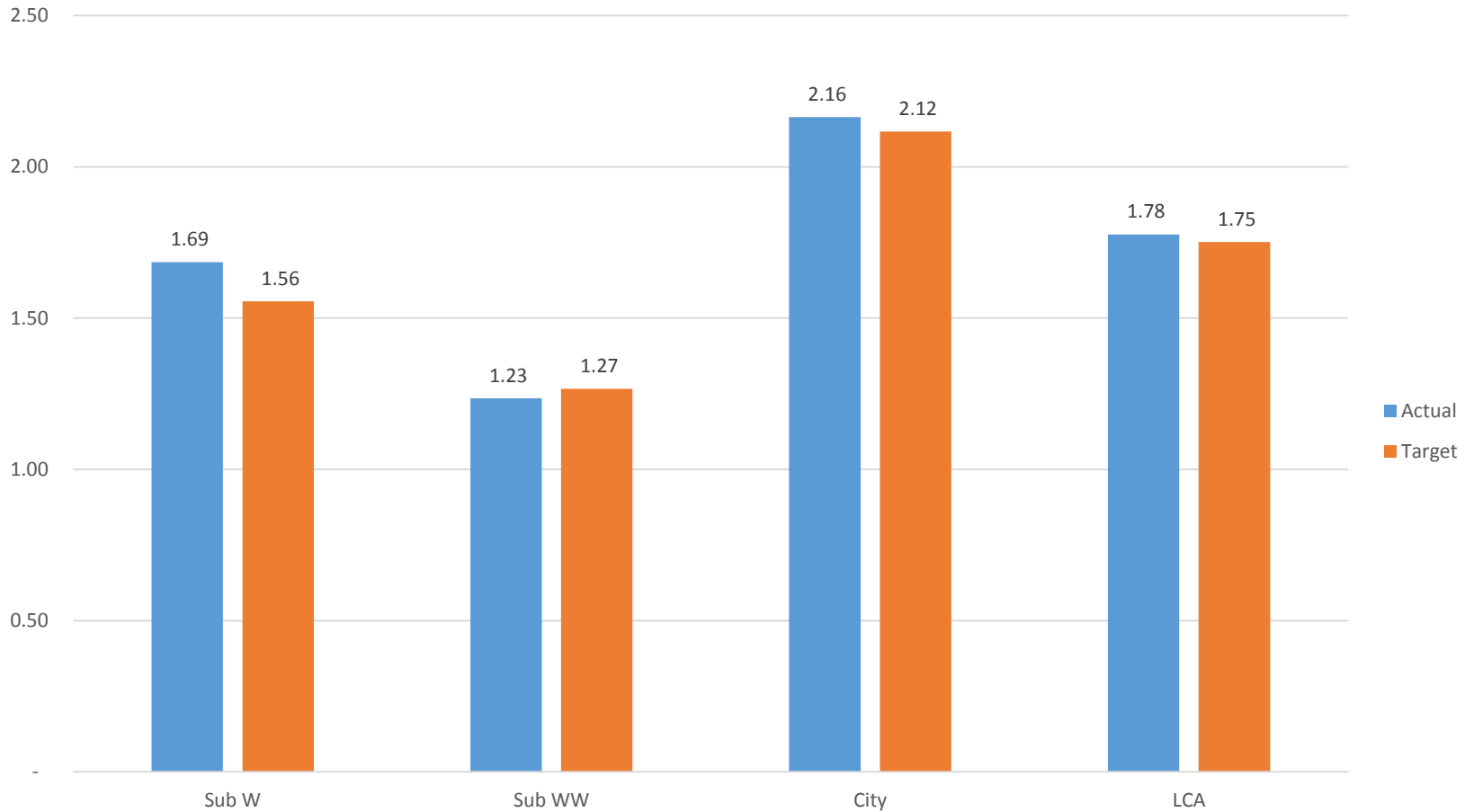
## YTD Operating Ratio



Measures the profitability of the system. It shows whether the revenues are sufficient to cover the Operating Expenses including Depreciation  
FORMULA:  $\text{Operating Revenues} / \text{Operating Expenses (including Depreciation)}$

# MAJOR KPI's

## YTD Cash Based Operating Ratio



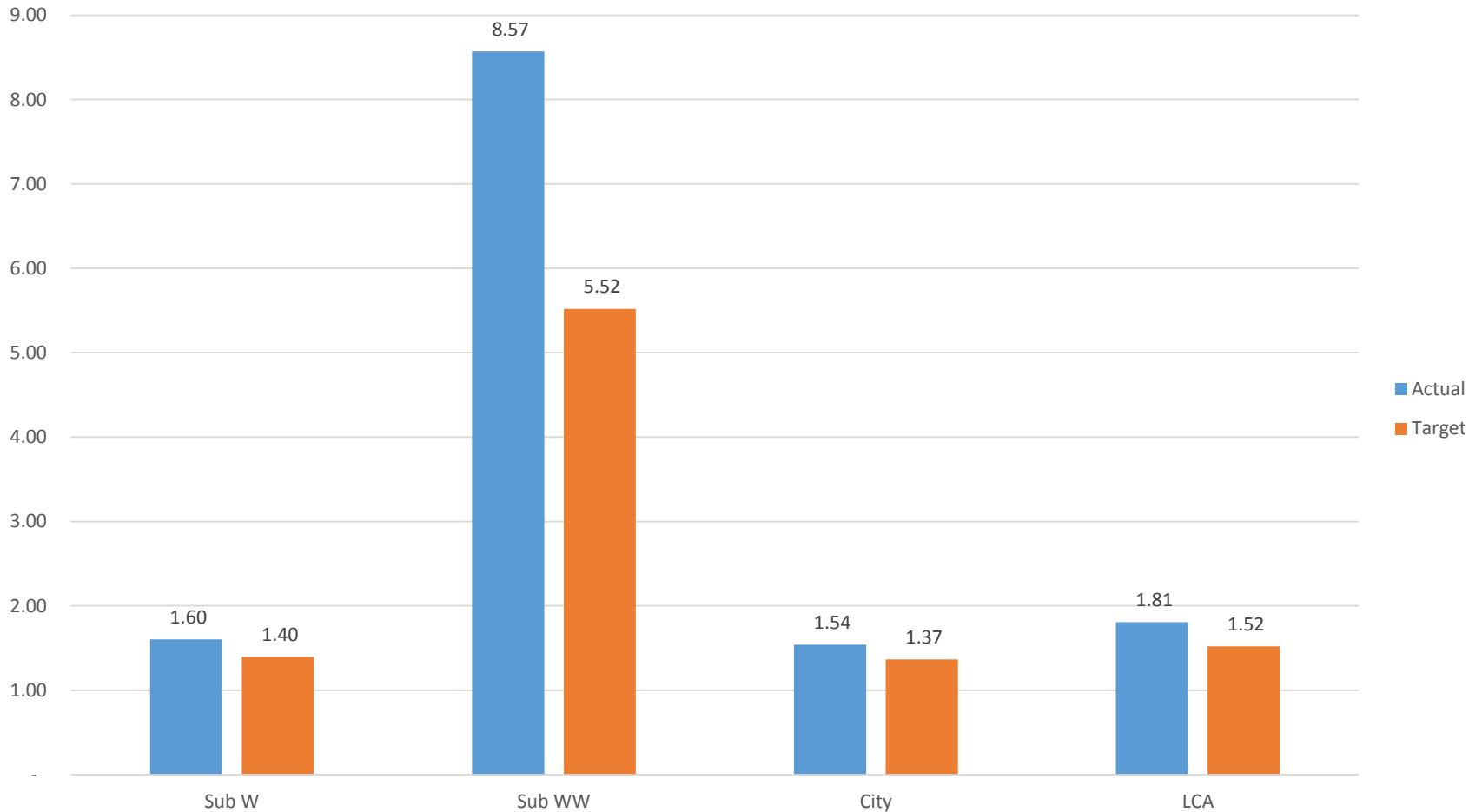
This measures whether the revenues are sufficient to cover the Operating Expenses excluding Depreciation

FORMULA:  $\text{Operating Revenues} / \text{Operating Expenses (excluding Depreciation)}$



# MAJOR KPI's

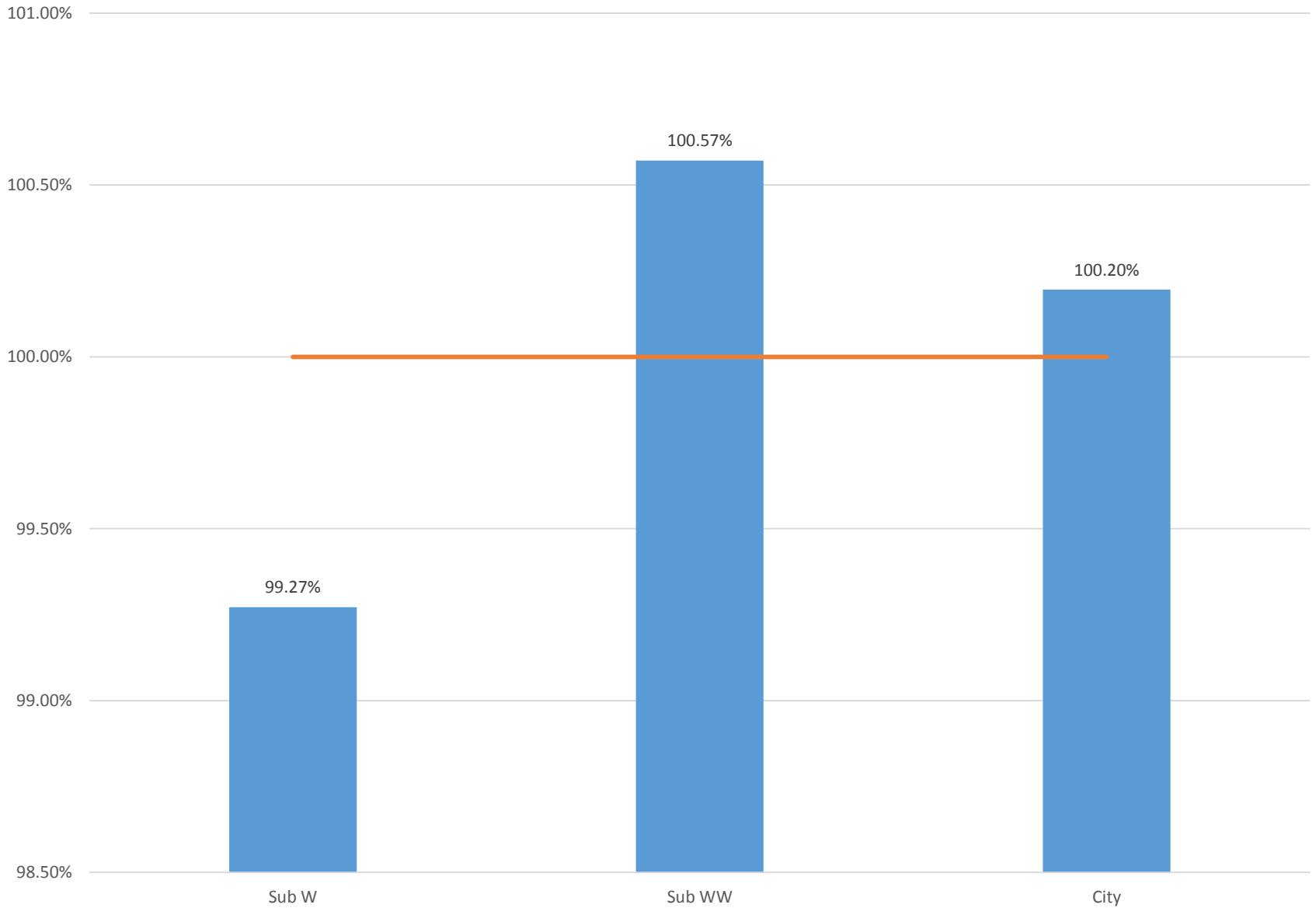
## YTD DSCR



This measures the ability to pay debt service  
FORMULA:  $\text{Net Cash Before Debt Service} / \text{Debt Service}$

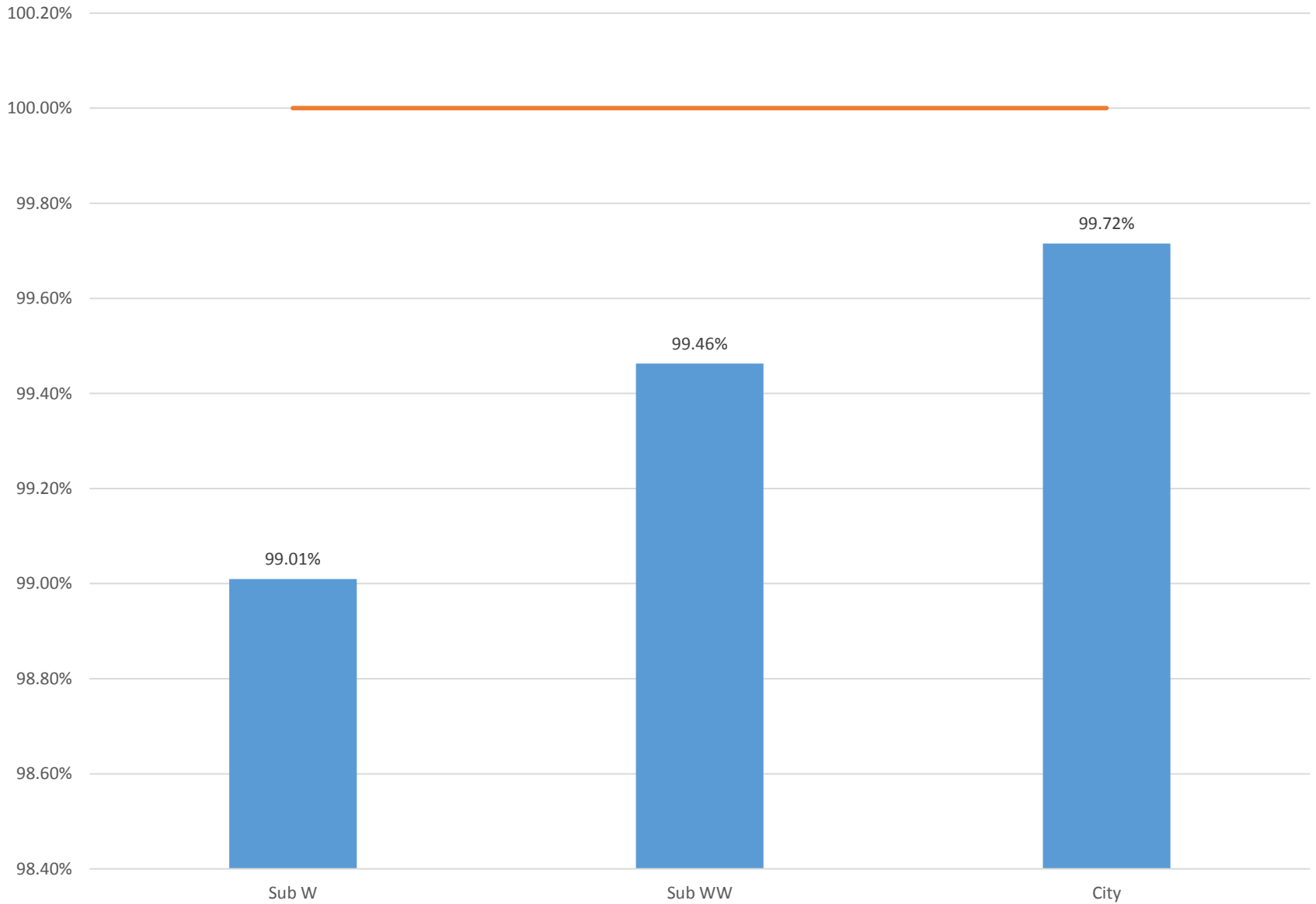
# YTD PERFORMANCE TO FORECAST

YTD Operating Revenues to Forecast



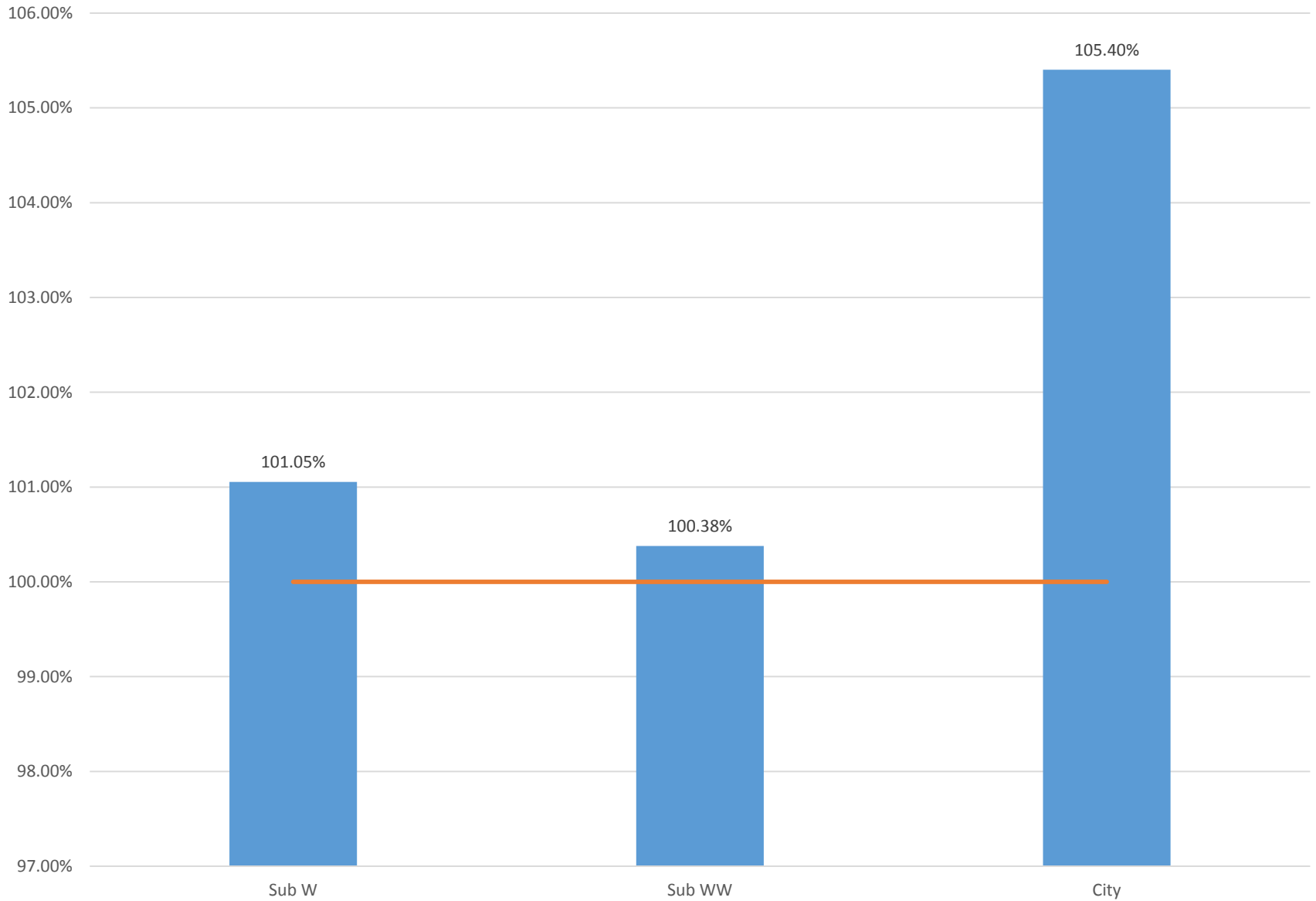
# YTD PERFORMANCE TO FORECAST

YTD Operating Expenses to Forecast



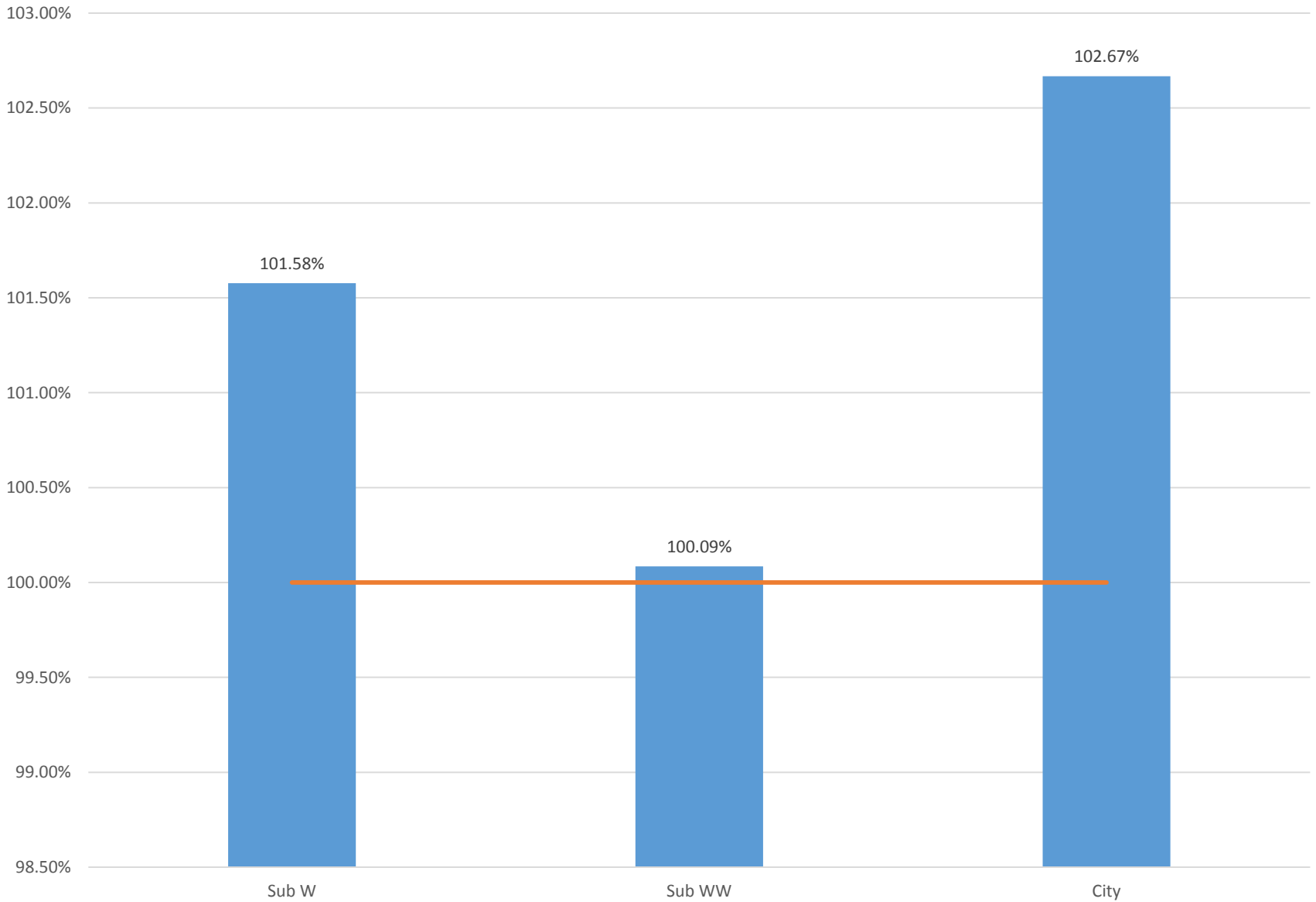
# YTD PERFORMANCE TO FORECAST

## YTD Non-Operating Revenues to Forecast



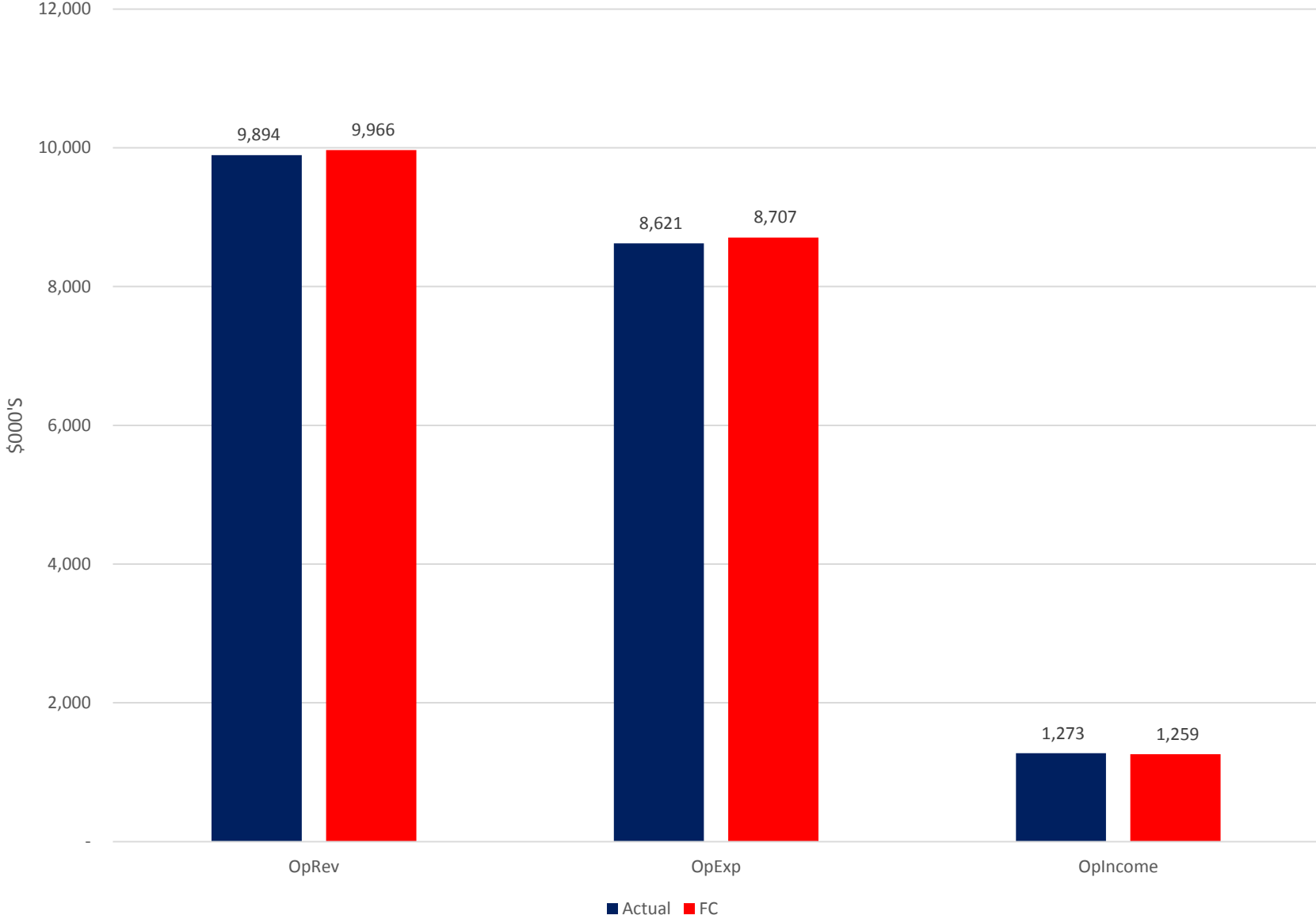
# YTD PERFORMANCE TO FORECAST

## YTD Capex to Forecast



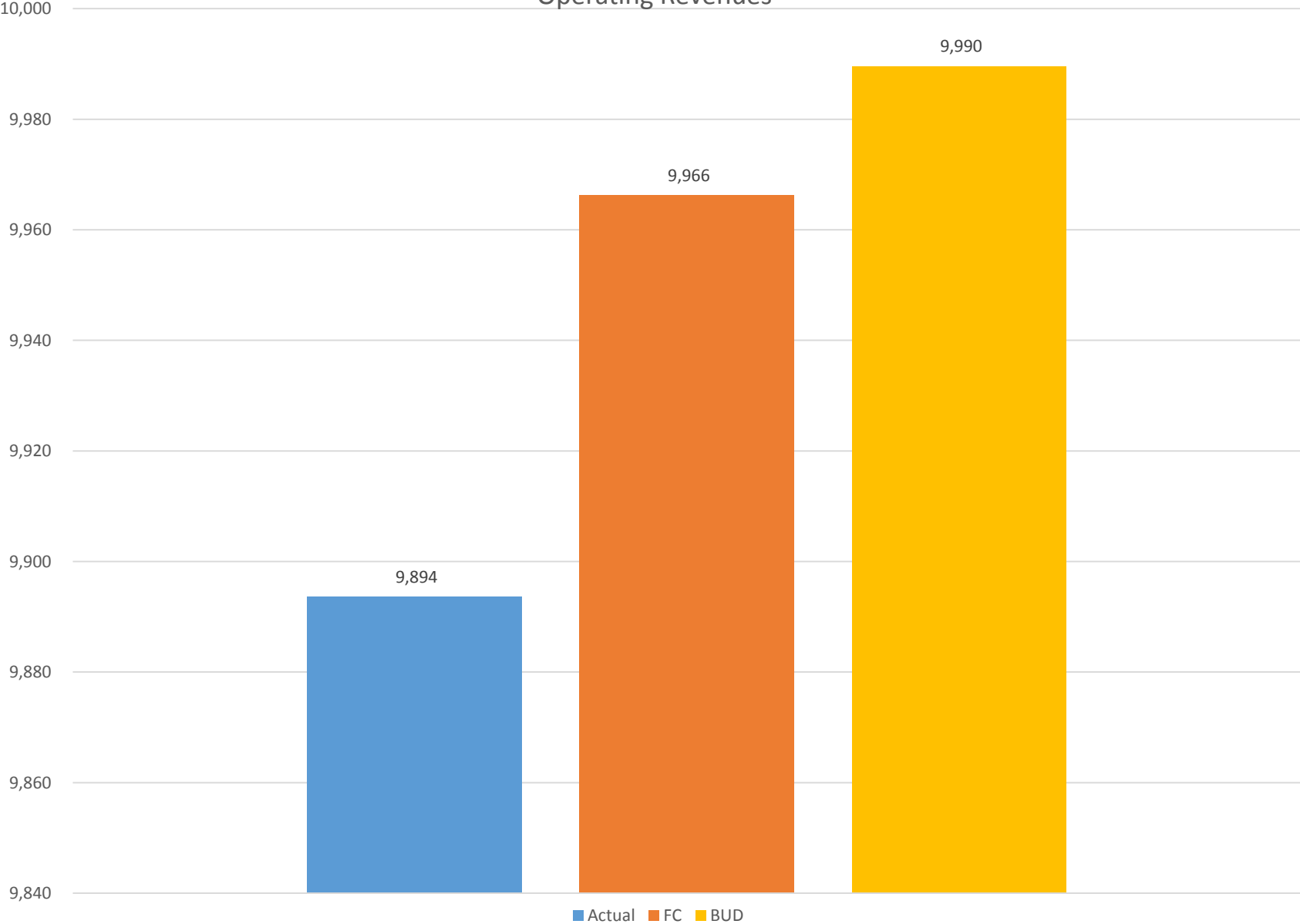
# SUBURBAN WATER

## Operating Revenues & Expenses



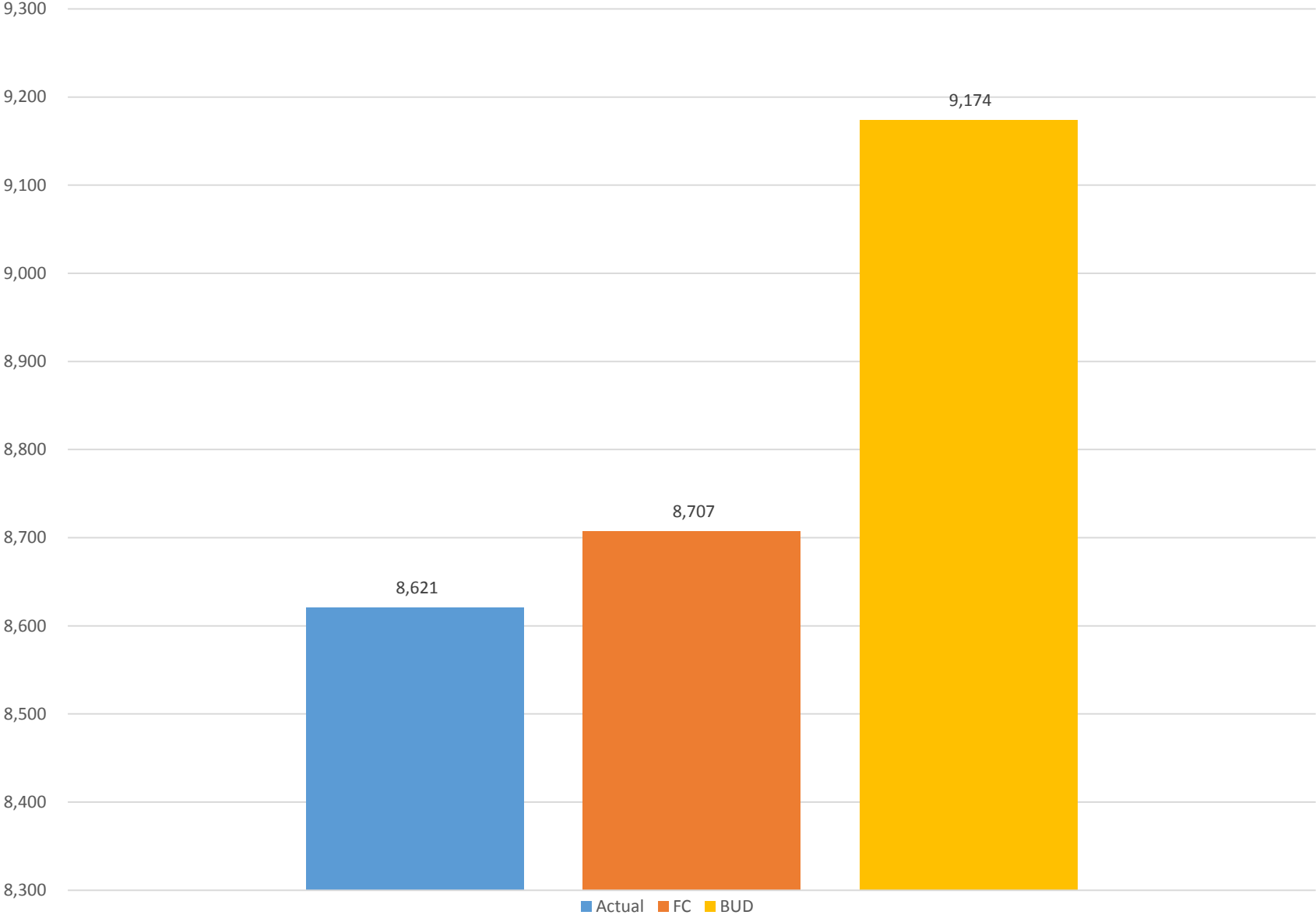
# SUBURBAN WATER

## Operating Revenues



# SUBURBAN WATER

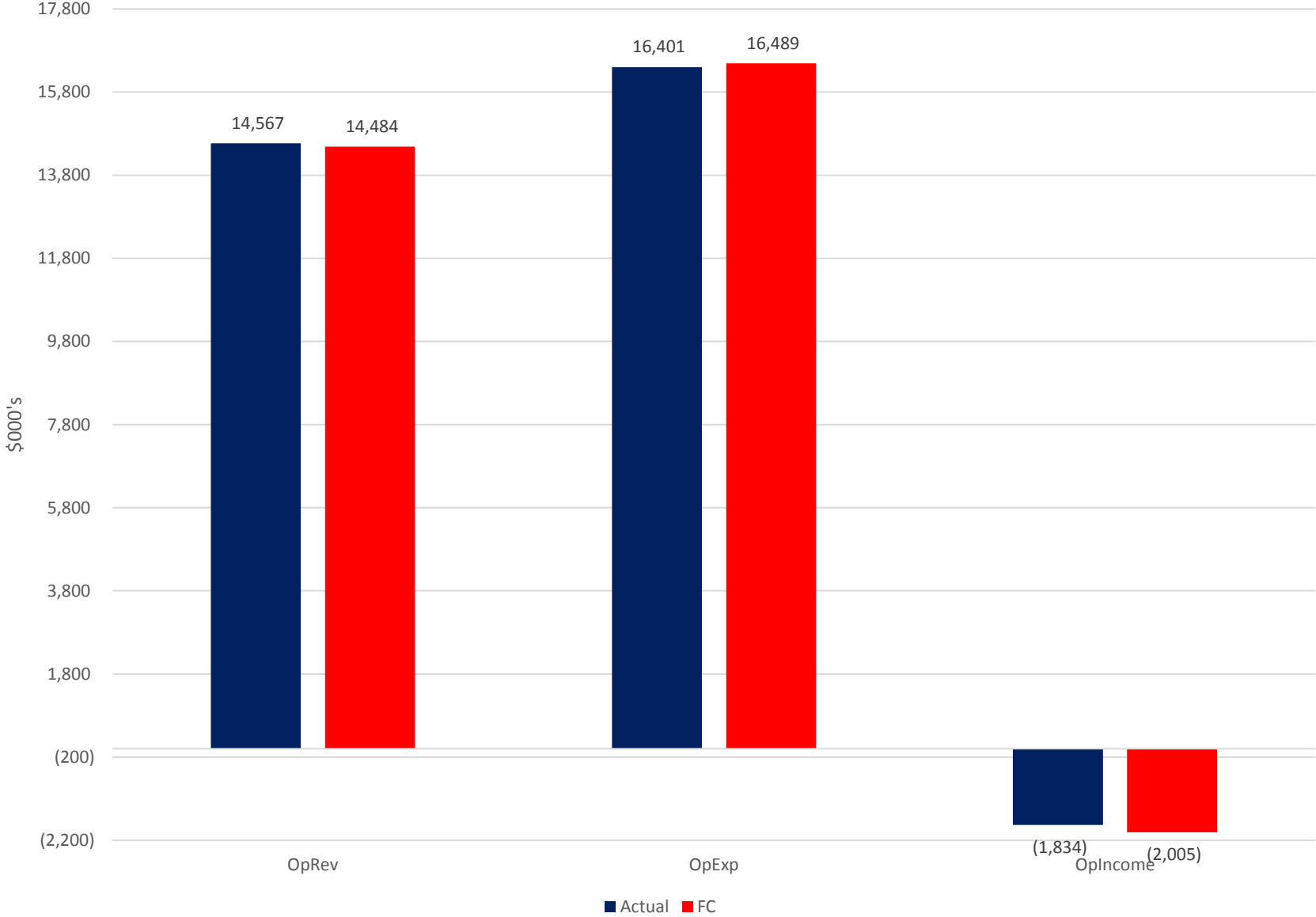
## Operating Expenses





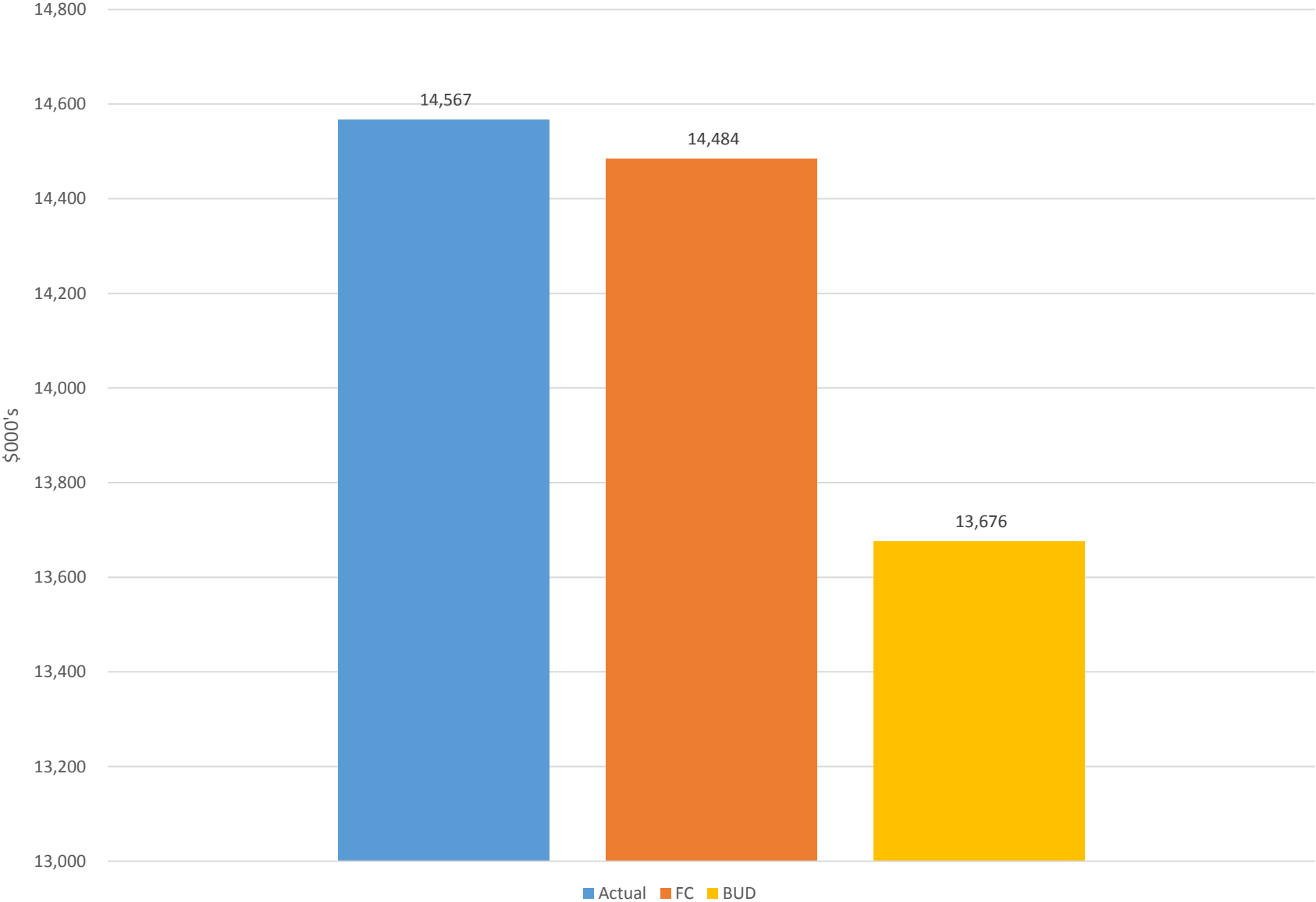
# SUBURBAN WASTEWATER

## Operating Revenues & Expenses



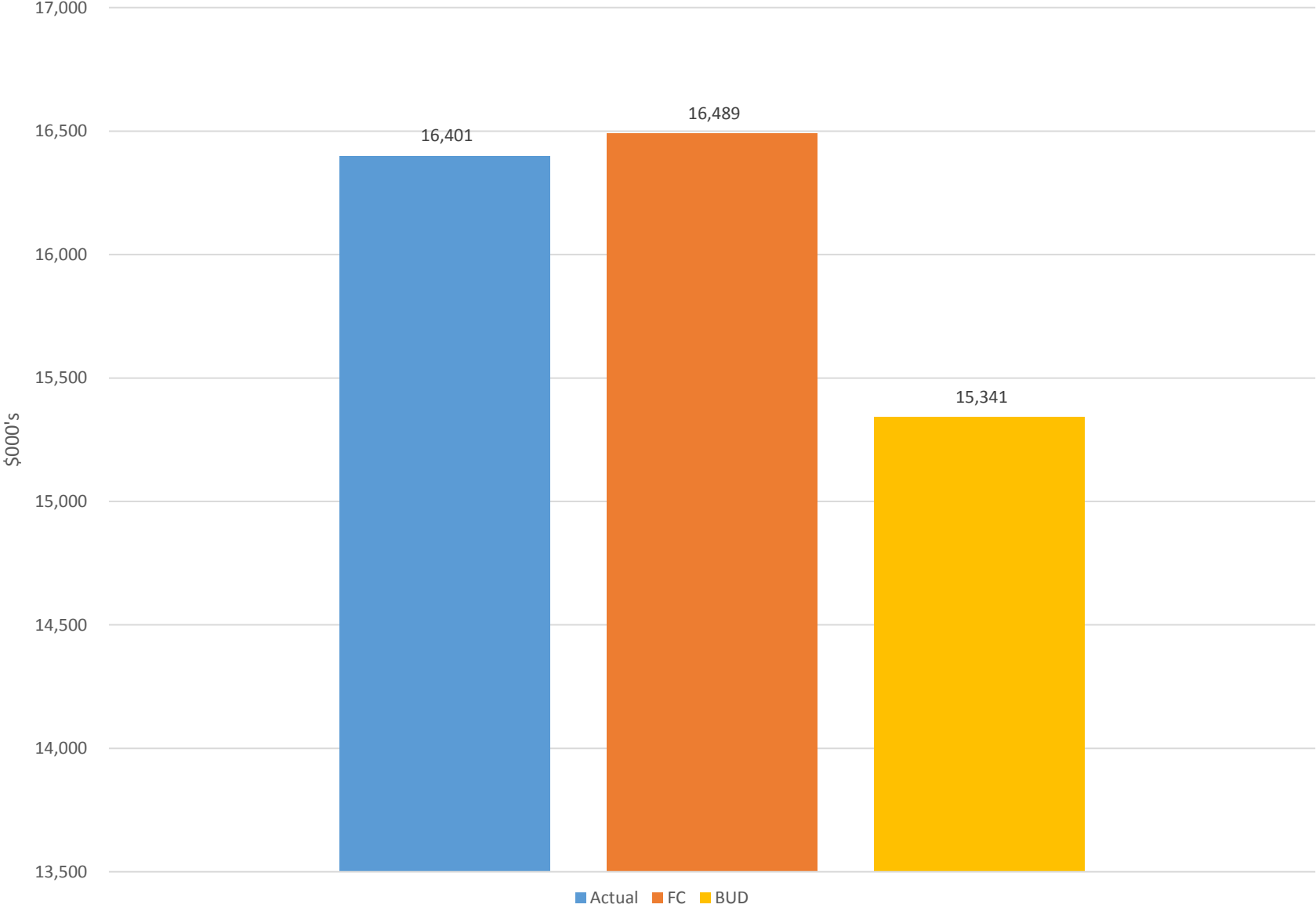
# SUBURBAN WASTEWATER

## Operating Revenue



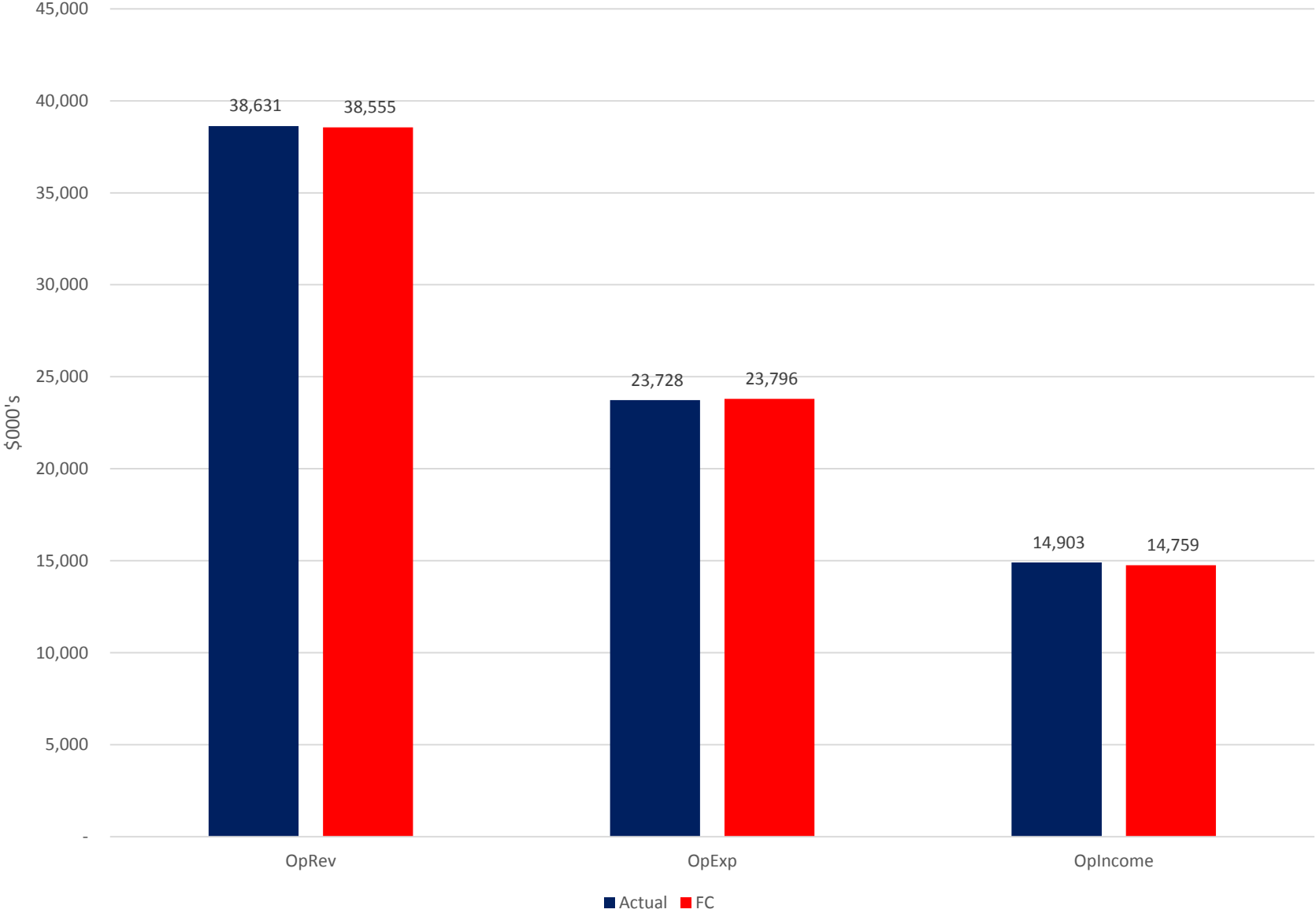
# SUBURBAN WASTEWATER

## Operating Expenses



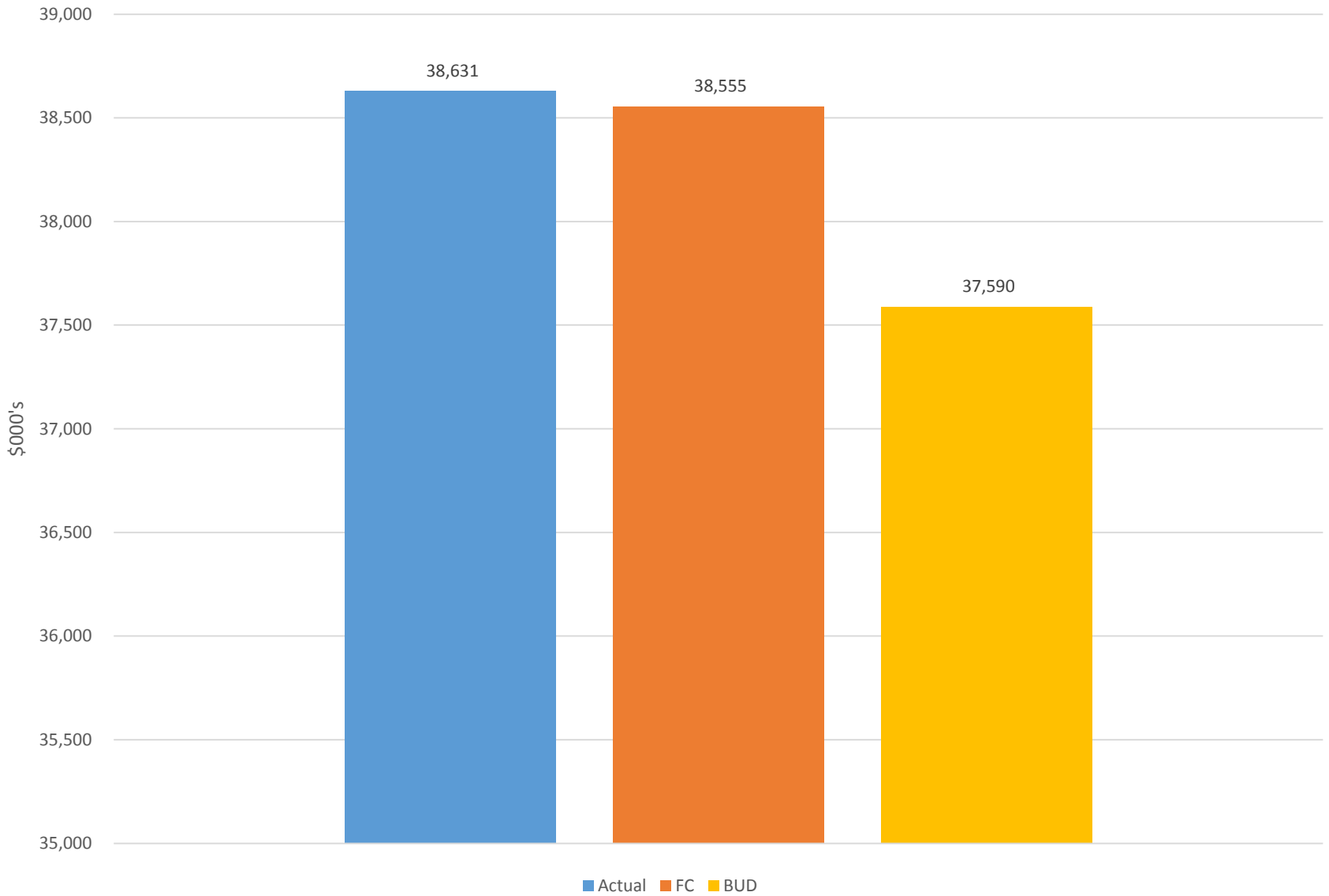
# CITY DIVISION

## Operating Revenues & Expenses



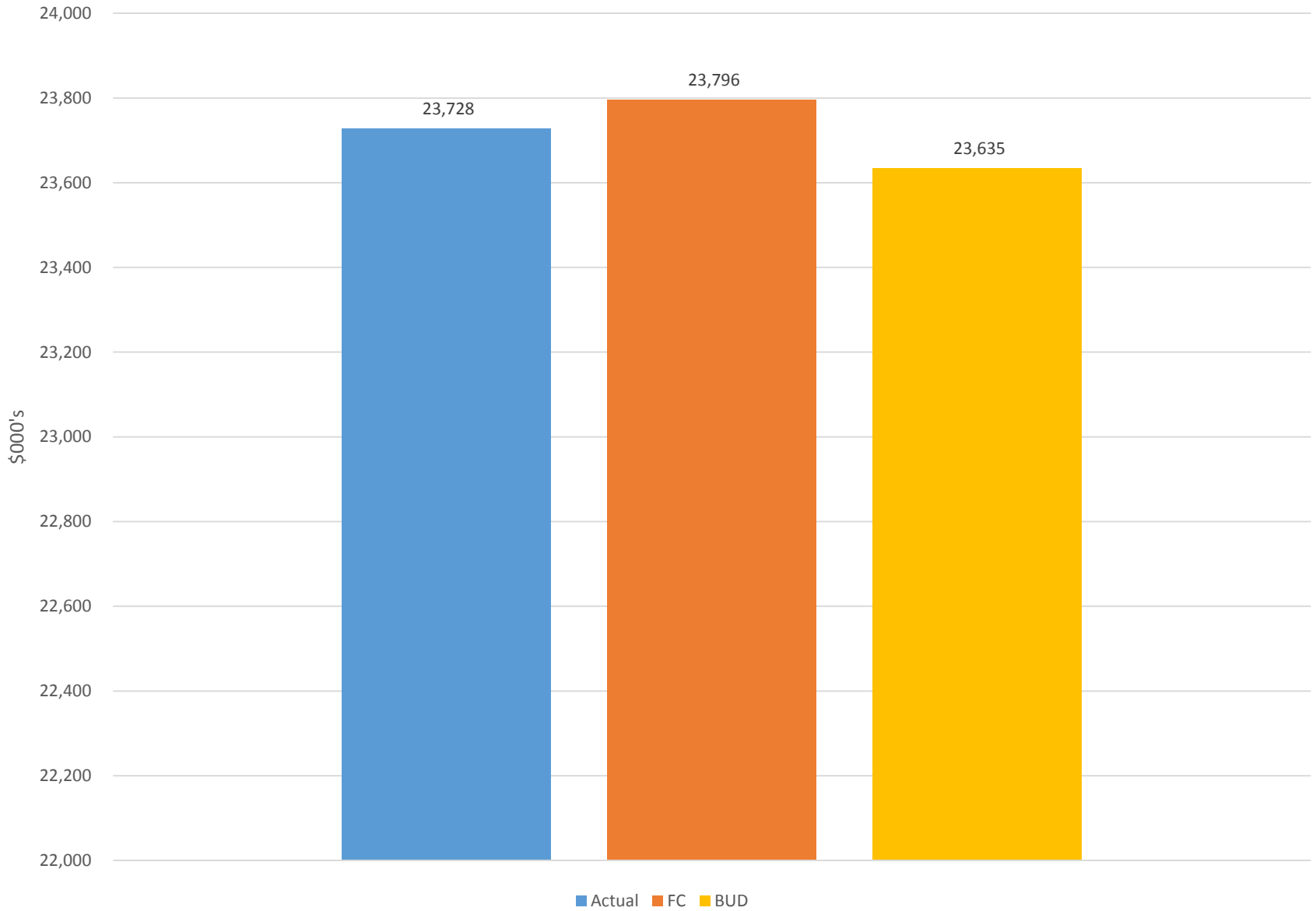
# CITY DIVISION

## Operating Revenues



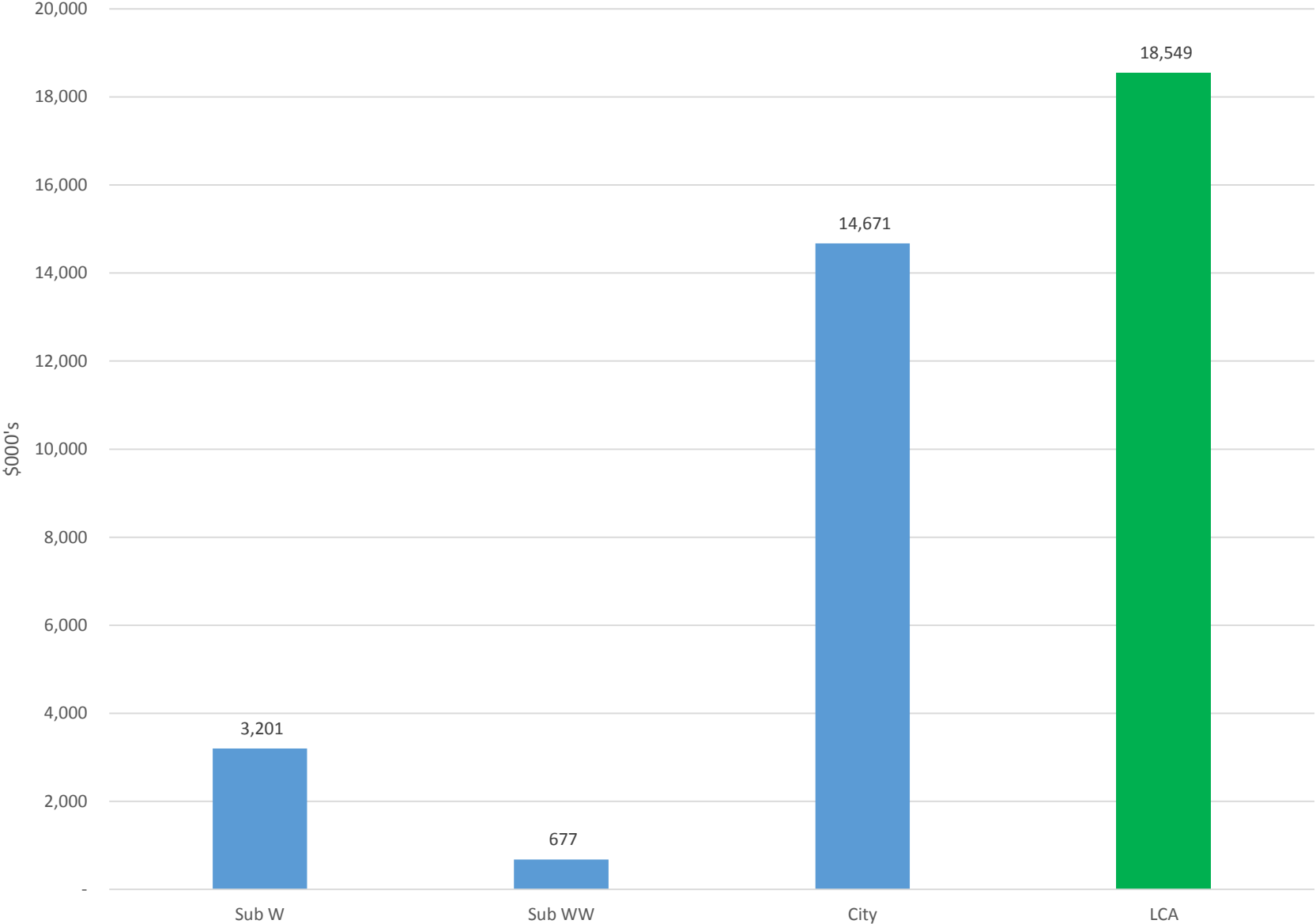
# CITY DIVISION

## Operating Expenses



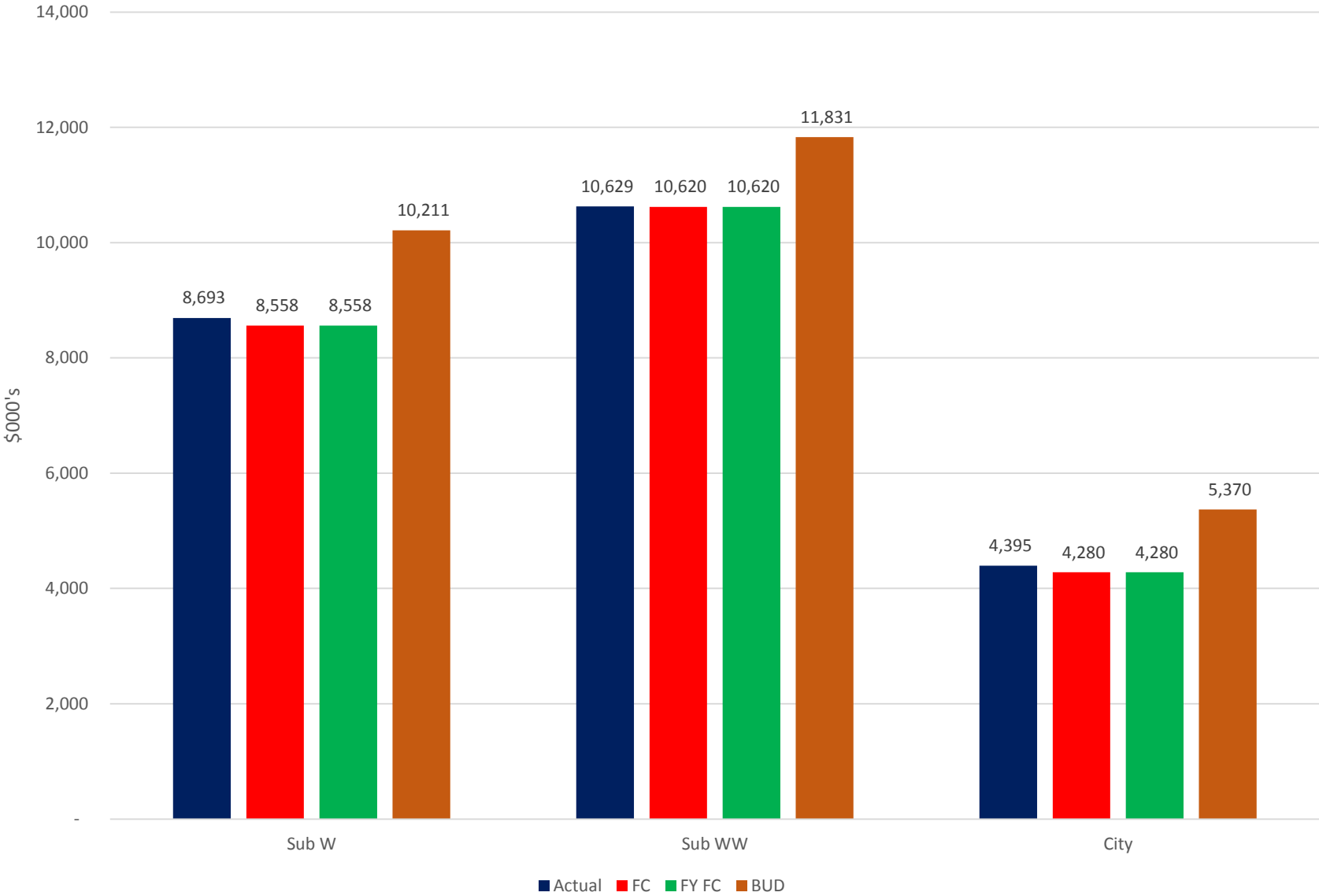
# LCA DEBT SERVICE

## Debt Service Payments



# CAPITAL SPENDING

Capex





CAPITAL SPENDING

<b><u>SUBURBAN WATER</u></b>	<b><u>Budget</u></b>	<b><u>YTD</u></b>	<b><u>Full Year</u></b>	<b><u>Bud Var</u></b>
Water Main Cycle 5	2,500,000	2,036,749	2,036,749	463,251
Water Meter Reading Equipment	1,963,500	2,578,724	2,578,724	(615,224)
CLD Pump Station	1,417,860	1,250,006	1,250,006	167,854
Kohler Pump Station	1,348,180	292,234	292,234	1,055,946
Buss Acres	700,000	99,177	99,177	600,823
Main Office Improvements	250,000	135,351	135,351	114,649
General Water System Improvements	250,000	271,303	271,303	(21,303)
Reservoir Rehab	220,000	154,081	154,081	65,919
Other Equipment	200,000	193,964	193,964	6,036
Asset Management	200,000	348,825	348,825	(148,825)
New Meter/ERTs	150,000	23,808	23,808	126,192
Developer Review/Miscellaneous	150,000	546,399	546,399	(396,399)
Upsizing	150,000	84,751	84,751	65,249
Other projects <\$150,000	711,000	678,042	678,042	32,958
<b>TOTALS</b>	<b><u>10,210,540</u></b>	<b><u>8,693,414</u></b>	<b><u>8,693,414</u></b>	<b><u>1,517,126</u></b>

CAPITAL SPENDING

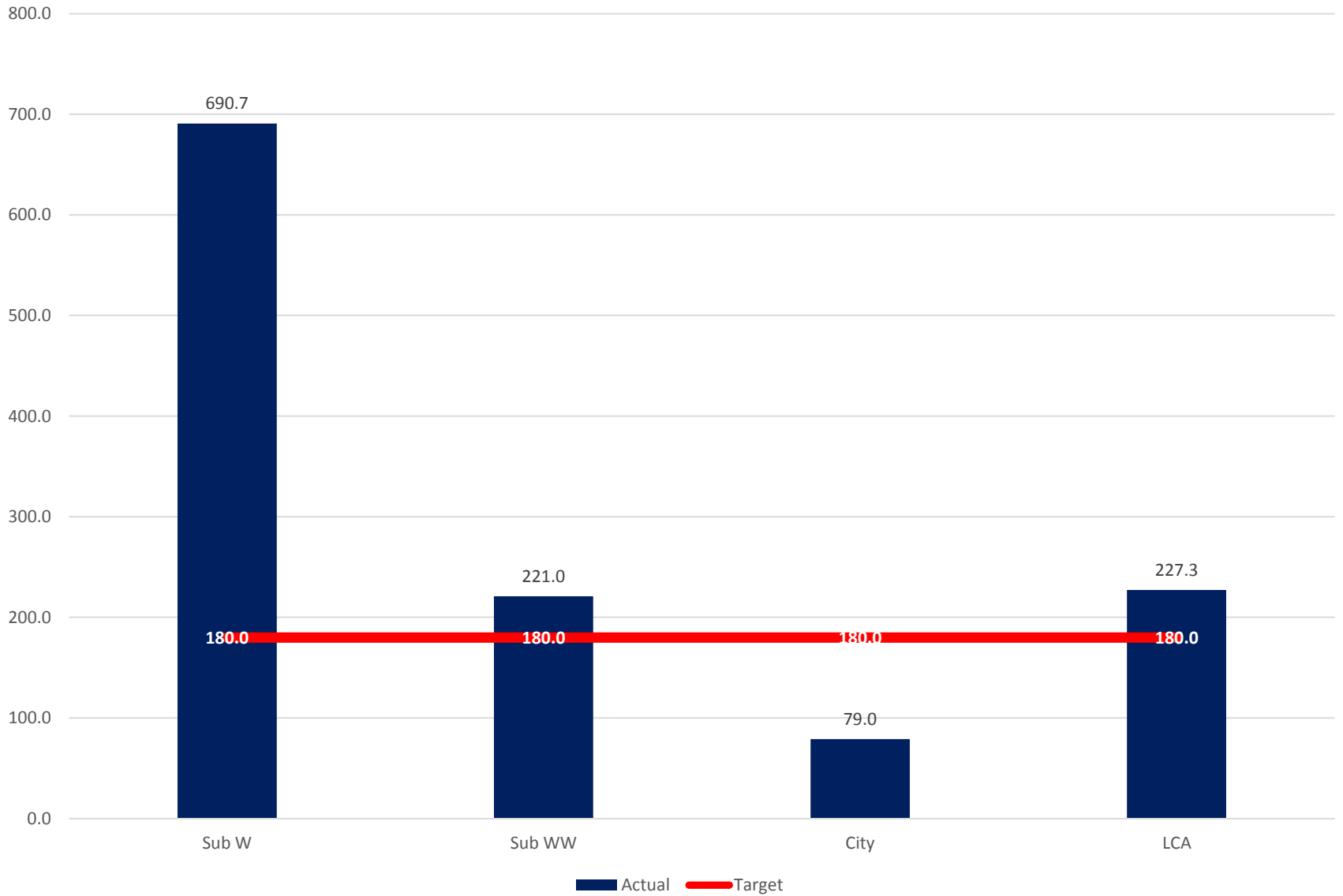
<b><u>SUBURBAN WASTEWATER</u></b>	<b><u>Budget</u></b>	<b><u>YTD</u></b>	<b><u>Full Year</u></b>	<b><u>Bud Var</u></b>
Park Pump Station Improvements	4,100,000	3,590,439	3,590,439	509,561
WLI Emergency	2,211,510	1,927,637	1,927,637	283,873
Wynnewood WWTP	2,000,000	2,354,738	2,354,738	(354,738)
Sand Spring WWTP	800,000	161,090	161,090	638,910
Signatory I&I	745,000	630,850	630,850	114,150
Pretreatment	700,000	711,970	711,970	(11,970)
HH I&I Removal	250,000	385,822	385,822	(135,822)
Other Equipment	200,000	232,735	232,735	(32,735)
Trexlerstown Interceptor	100,000	55,259	55,259	44,741
Asset Management	100,000	-	-	100,000
Park Pump PS FM Rehab	100,000	12,111	12,111	87,889
Projects <\$100,000	524,500	566,350	566,350	(41,850)
<b>TOTALS</b>	<b><u>11,831,010</u></b>	<b><u>10,629,001</u></b>	<b><u>10,629,001</u></b>	<b><u>1,202,009</u></b>

## CAPITAL SPENDING

<u>CITY DIVISION</u>	<u>Budget</u>	<u>YTD</u>	<u>Full Year</u>	<u>Bud Var</u>
WWTP Substations	1,500,000	1,337,787	1,337,787	162,213
Water Main Cycle 4	524,885	575,996	575,996	(51,111)
Water Main Cycle 5	100,000	67,907	67,907	32,093
<b>AMR</b>	<b>145,000</b>	<b>1,951</b>	<b>1,951</b>	<b>143,049</b>
WWTP Master Plan	-	21,376	21,376	(21,376)
General Water System Improvements	500,000	606,351	606,351	(106,351)
Water Mobile Equipment	-	-	-	-
New Meters/ERTs	50,000	70,640	70,640	(20,640)
WFP Other Equipment	200,000	76,601	76,601	123,399
WFP General Improvements	45,000	62,669	62,669	(17,669)
WFP SCADA	400,000	143,429	143,429	256,571
Mobile Equipment	-	106,374	106,374	(106,374)
Sewer Main Replacements	50,000	59,839	59,839	(9,839)
WWTP Other Equipment	350,000	344,395	344,395	5,605
WWTP General Improvements	-	128,113	128,113	(128,113)
Other (Low Lift, Sodium Hypo, VFDs, CO2, PennDOT, etc.)	-	556,439	556,439	(556,439)
Water CM	5,000	13,985	13,985	(8,985)
<b>Interim Blending (I&amp;I Source Reduction)</b>	<b>1,500,000</b>	<b>220,791</b>	<b>220,791</b>	<b>1,279,209</b>
<b>TOTAL (with AMR/I&amp;I/Water Main 4)</b>	<b>5,369,885</b>	<b>4,394,643</b>	<b>4,394,643</b>	<b>975,242</b>
<b>TOTAL WITHOUT CITY FUNDED PROJECTS</b>	<b>3,724,885</b>	<b>4,171,901</b>	<b>4,171,901</b>	<b>(447,016)</b>

# CASH BALANCE

## Operating Cash Days on Hand



# Out There Yet

- OPEB Adjustments
- Pension Plan Adjustments
- Wastewater Flow Penalties
- Signatory True-ups
- Operating Expenses being reviewed