

# **LEHIGH COUNTY AUTHORITY**

**YTD KPI's & PERFORMANCE TO FORECAST  
OCTOBER 2019**

## SUMMARY FIGURES

MONTH			YEAR-TO-DATE			FULL YEAR			
Actual	Forecast	FC Var	OCTOBER 2019	Actual	Forecast	FC Var	Forecast	Budget	Bud Var
<b>Income Statement</b>									
281,041	269,401	11,640	Suburban Water	997,717	986,077	11,640	304,701	236,452	68,249
(1,857,876)	(1,888,758)	30,882	Suburban Wastewater	(1,344,840)	(1,375,722)	30,882	(2,235,288)	(3,181,241)	945,953
<u>401,148</u>	<u>488,953</u>	<u>(87,805)</u>	City Division	<u>(187,701)</u>	<u>(99,896)</u>	<u>(87,805)</u>	<u>(3,101,201)</u>	<u>(4,035,177)</u>	<u>933,976</u>
<u>(1,175,687)</u>	<u>(1,130,404)</u>	<u>(45,283)</u>	Total LCA	<u>(534,824)</u>	<u>(489,541)</u>	<u>(45,283)</u>	<u>(5,031,788)</u>	<u>(6,979,966)</u>	<u>1,948,178</u>
<b>Cash Flow Statement</b>									
(1,152,492)	(1,948,692)	796,200	Suburban Water	5,325,663	4,529,463	796,200	3,508,465	(2,378,358)	5,886,823
(1,765,133)	(1,735,075)	(30,058)	Suburban Wastewater	(1,753,362)	(1,723,304)	(30,058)	121,863	(5,238,106)	5,359,969
<u>1,754,573</u>	<u>1,798,953</u>	<u>(44,380)</u>	City Division	<u>7,366,493</u>	<u>7,410,873</u>	<u>(44,380)</u>	<u>2,607,833</u>	<u>1,603,738</u>	<u>1,004,095</u>
<u>(1,163,052)</u>	<u>(1,884,814)</u>	<u>721,762</u>	Total LCA	<u>10,938,794</u>	<u>10,217,032</u>	<u>721,762</u>	<u>6,238,161</u>	<u>(6,012,726)</u>	<u>12,250,887</u>
<b>Debt Service Coverage Ratio</b>									
2.47	2.31	0.15	Suburban Water	1.73	1.72	0.02	1.44	1.40	0.04
6.73	4.07	2.66	Suburban Wastewater	8.02	7.58	0.44	6.47	5.52	0.95
2.01	1.95	0.06	City Division	1.56	1.55	0.01	1.44	1.37	0.08

## Major Factors – Month

### Suburban Water

- Net income – better than forecast due to higher operating revenues and lower operating expenses offset partly by higher interest expense.
- Cash Flows – higher than forecast due to higher cash from operations and lower capex.

### Suburban Wastewater

- Net income – better than forecast from higher operating revenues, lower operating expenses, and higher non-operating revenues.
- Cash Flows – worse than forecast as higher cash from operations and higher interest income was more than offset by higher capex.

### City Division

- Net income – worse than forecast as higher operating revenues and lower operating expenses were more than offset by higher expenses capex.
- Cash Flows – worse than forecast due to higher capex with a partial offset from higher cash from operations.

## Major Factors –YTD

### **Suburban Water**

- Net income – higher than forecast due to higher operating revenues and lower operating expenses.
- Cash Flows – higher than forecast due to lower capex.

### **Suburban Wastewater**

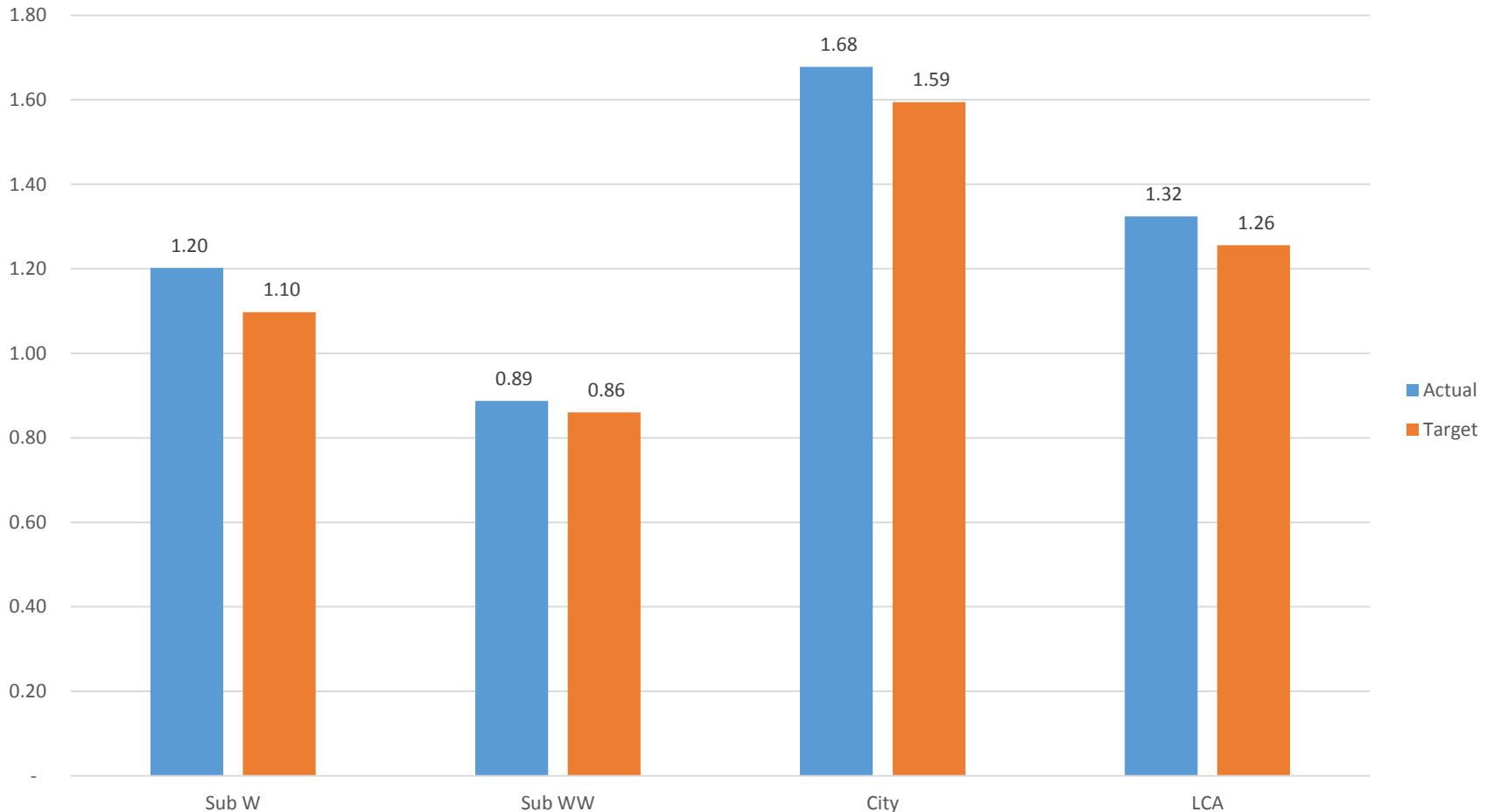
- Net income – higher than forecast from slightly higher operating revenues and lower operating expenses.
- Cash Flows – lower than forecast due to higher capex despite higher cash from operations.

### **City Division**

- Net income – lower than forecast due to higher expensed capex that more than offset higher operating revenues and lower operating expenses.
- Cash Flows – lower than forecast due to higher capex.

# MAJOR KPI's

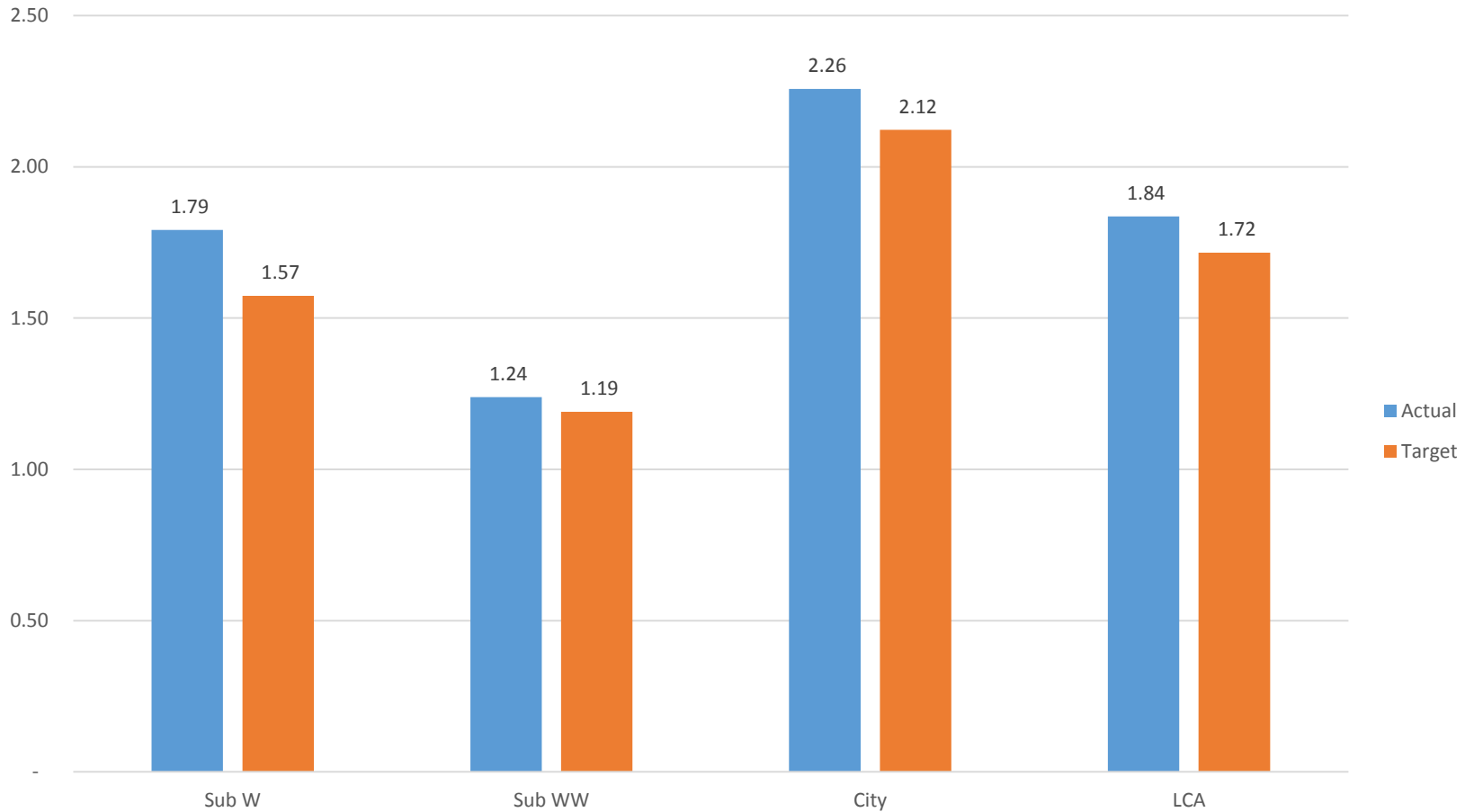
## YTD Operating Ratio



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

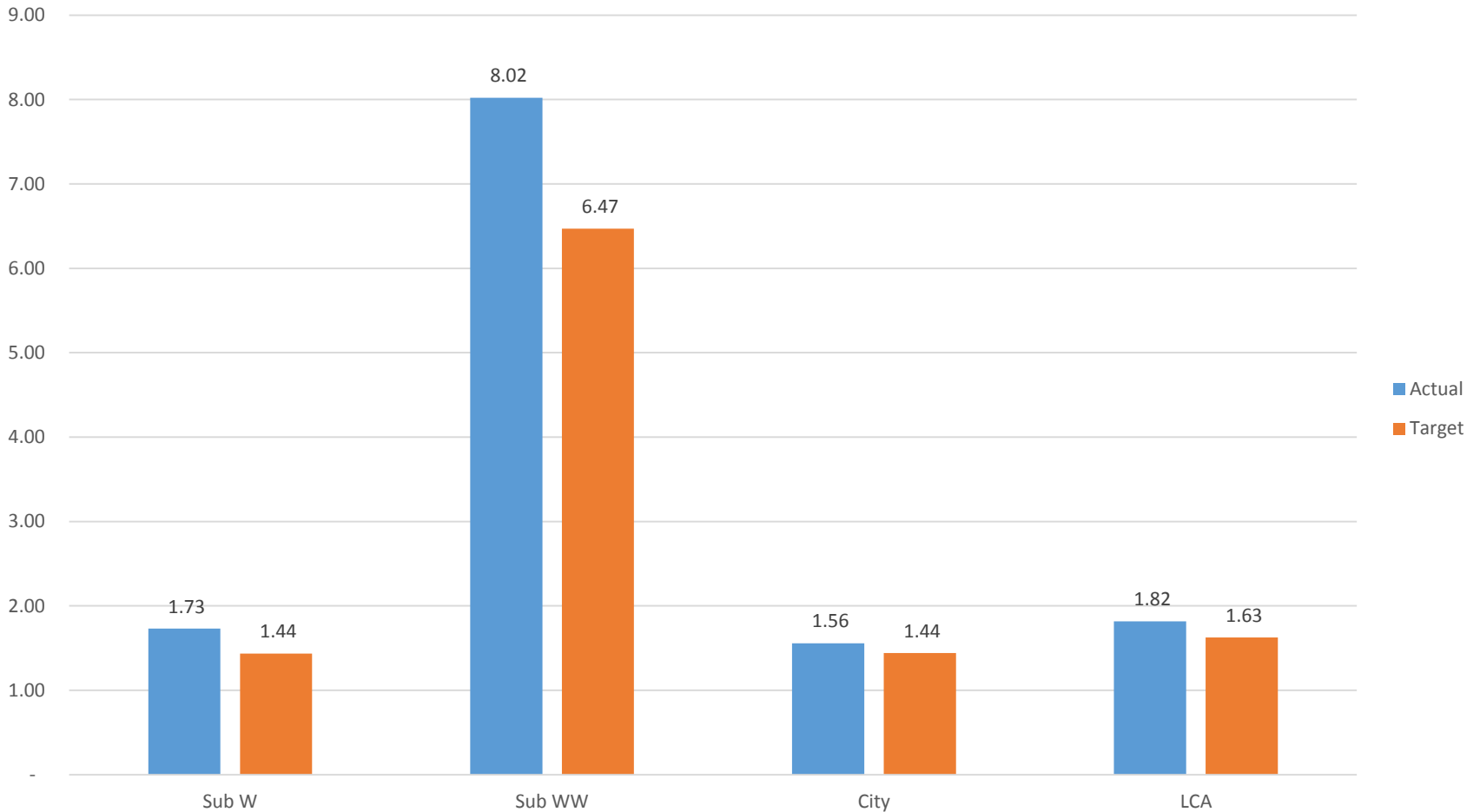


This measures whether the revenues are sufficient to cover the Operating Expenses excluding Depreciation

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

# MAJOR KPI's

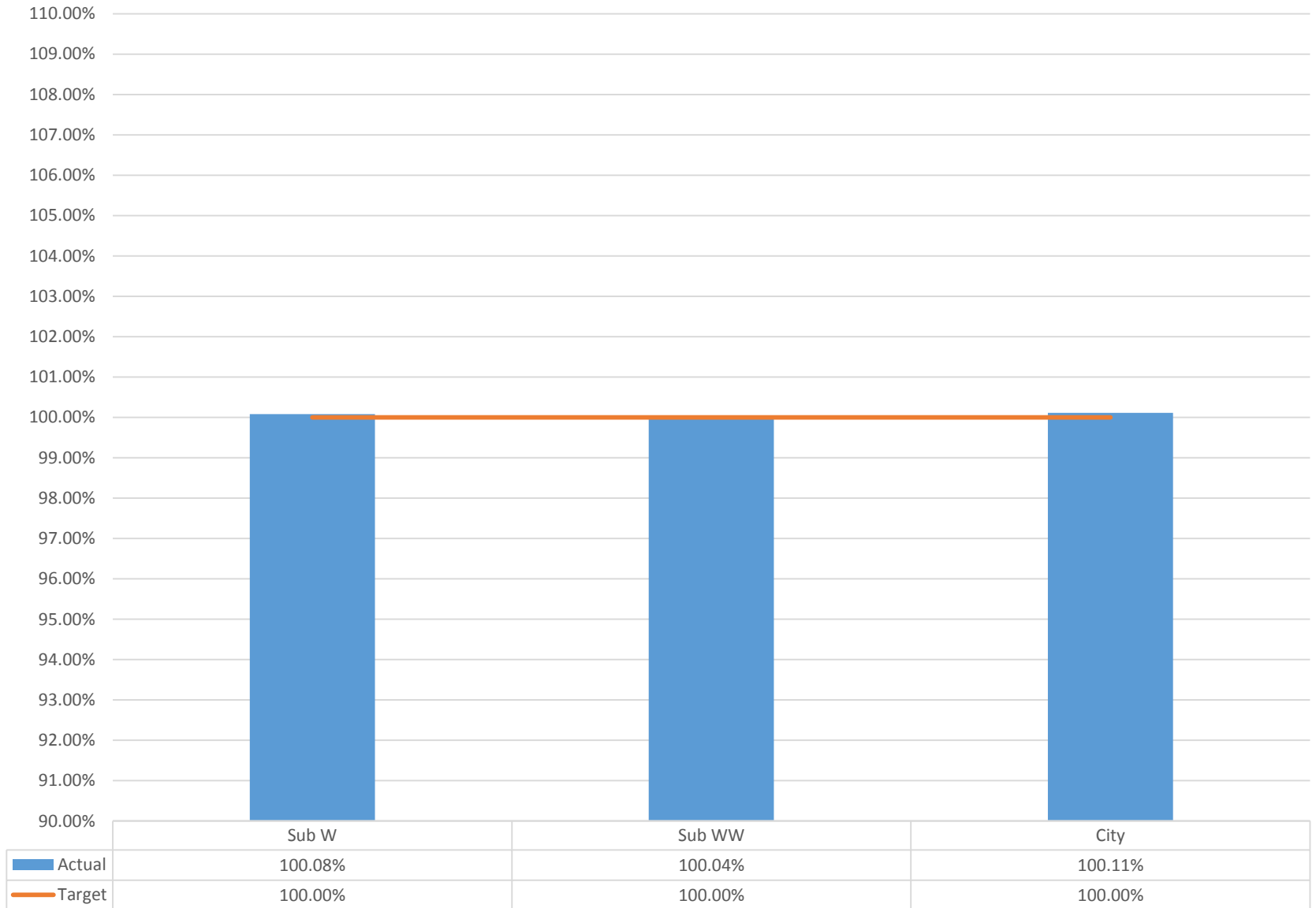
## YTD DSCR



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

# YTD PERFORMANCE TO FORECAST

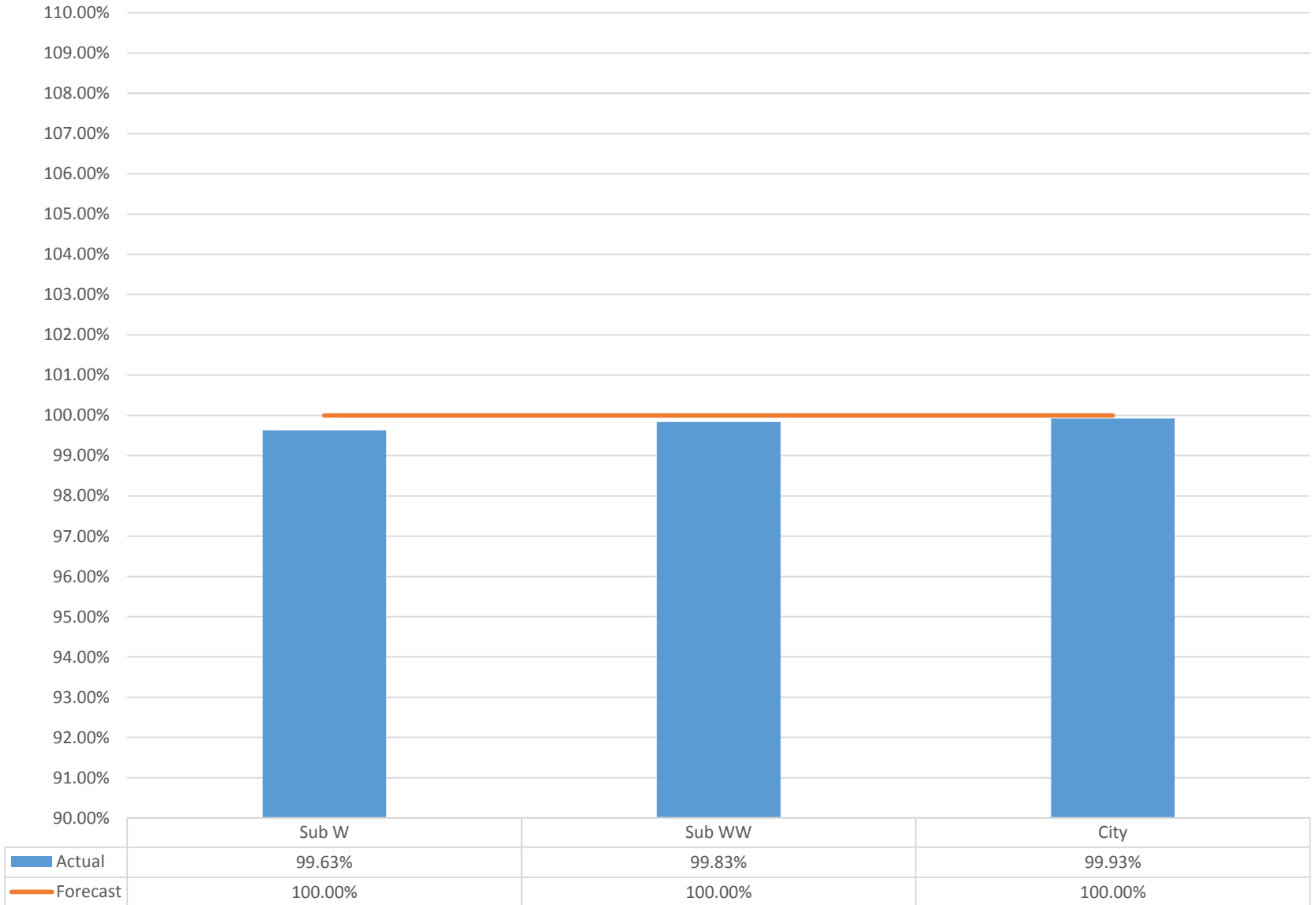
## YTD Operating Revenues to Forecast





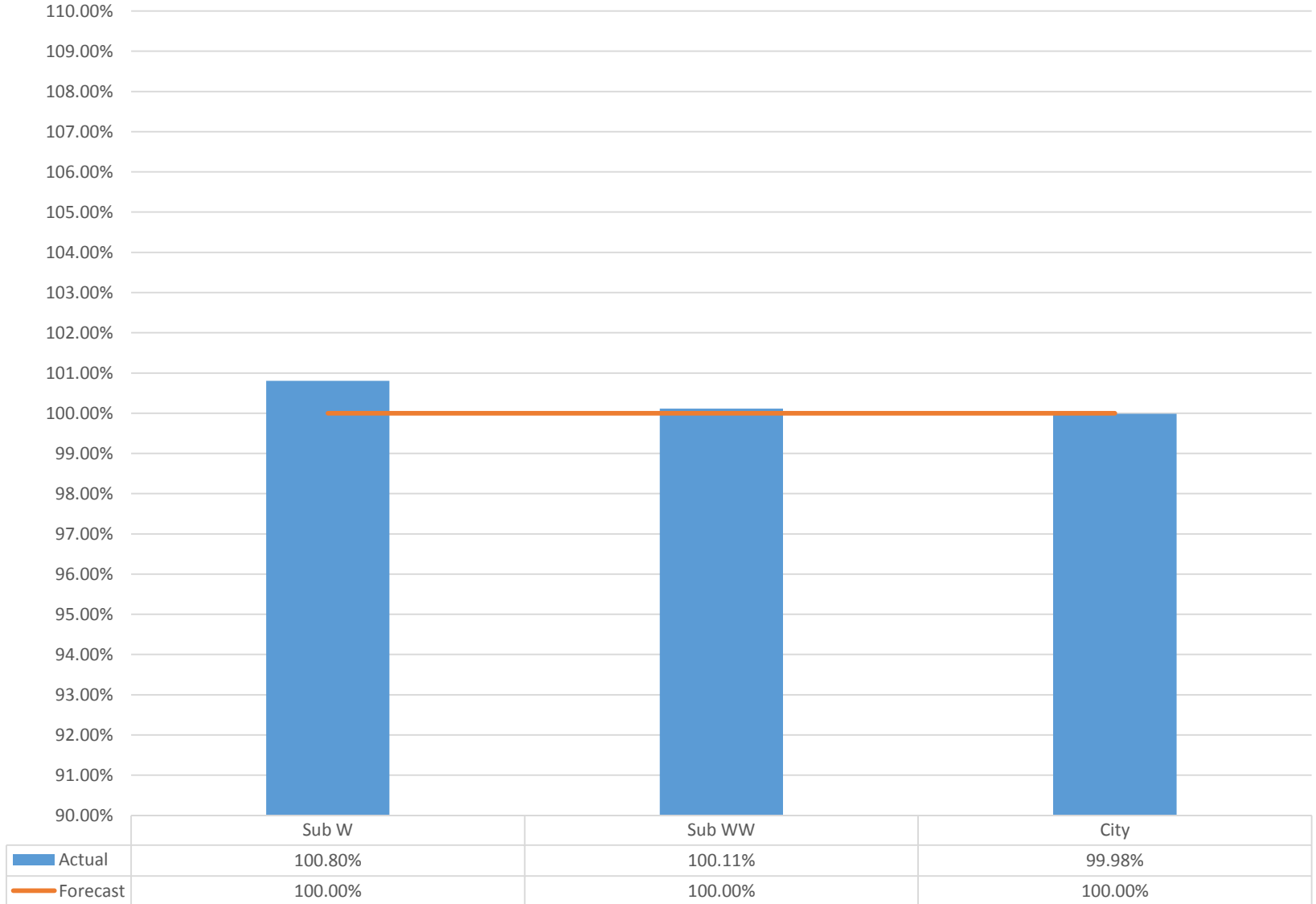
# YTD PERFORMANCE TO FORECAST

## YTD Operating Expenses (including D&A) to Forecast



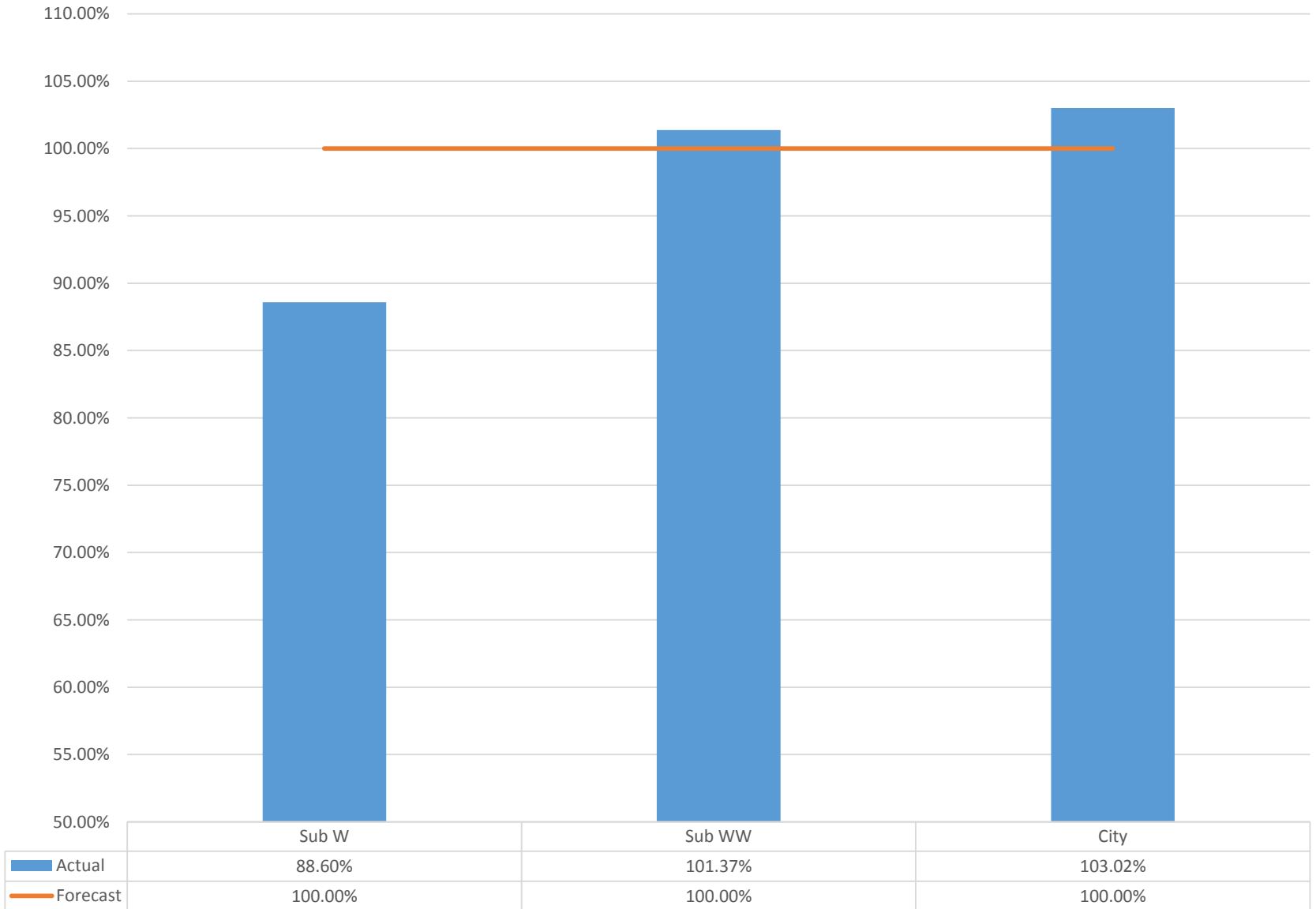
# YTD PERFORMANCE TO FORECAST

## YTD Non-Operating Revenues to Forecast



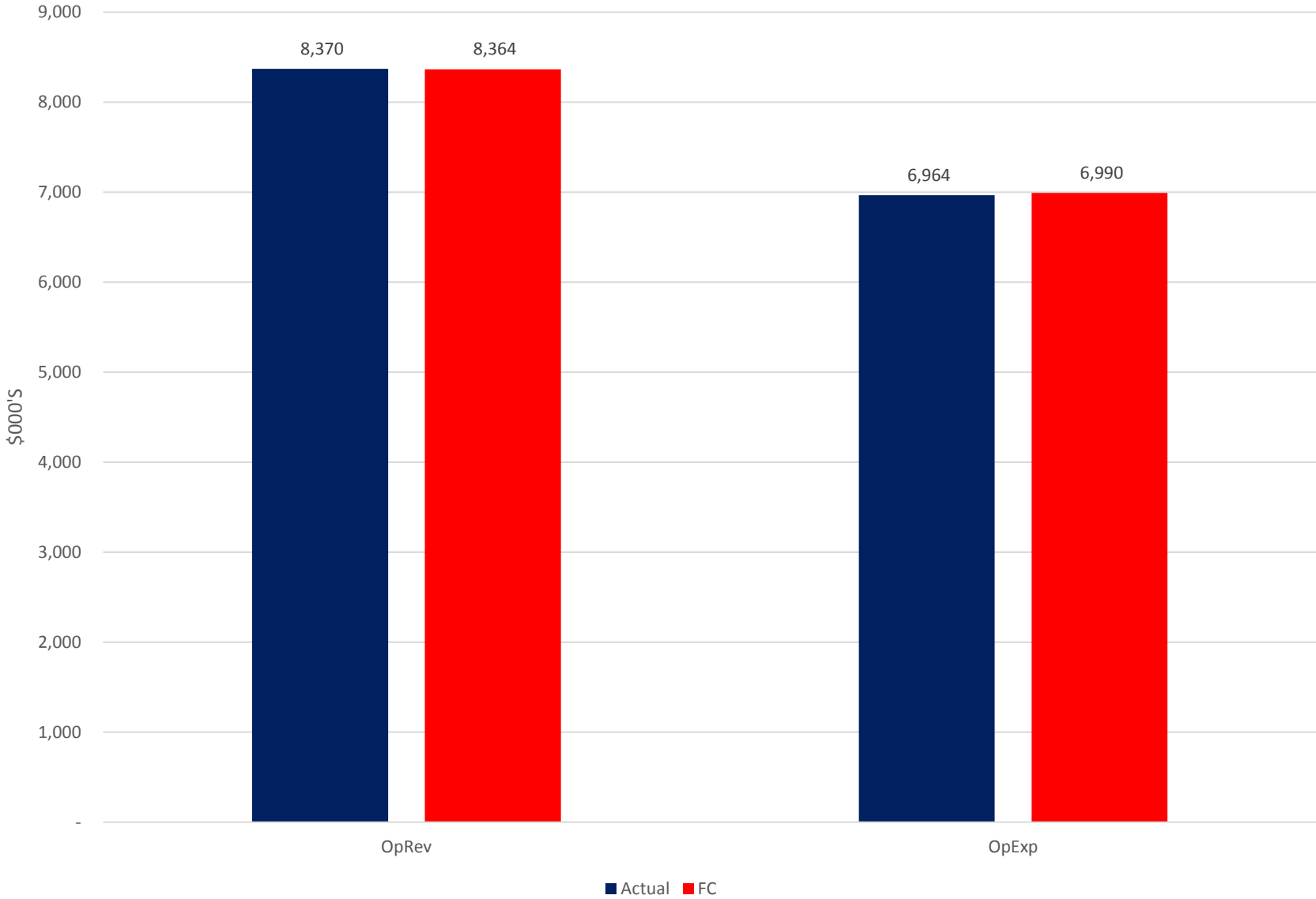
# YTD PERFORMANCE TO FORECAST

## YTD Capex to Forecast



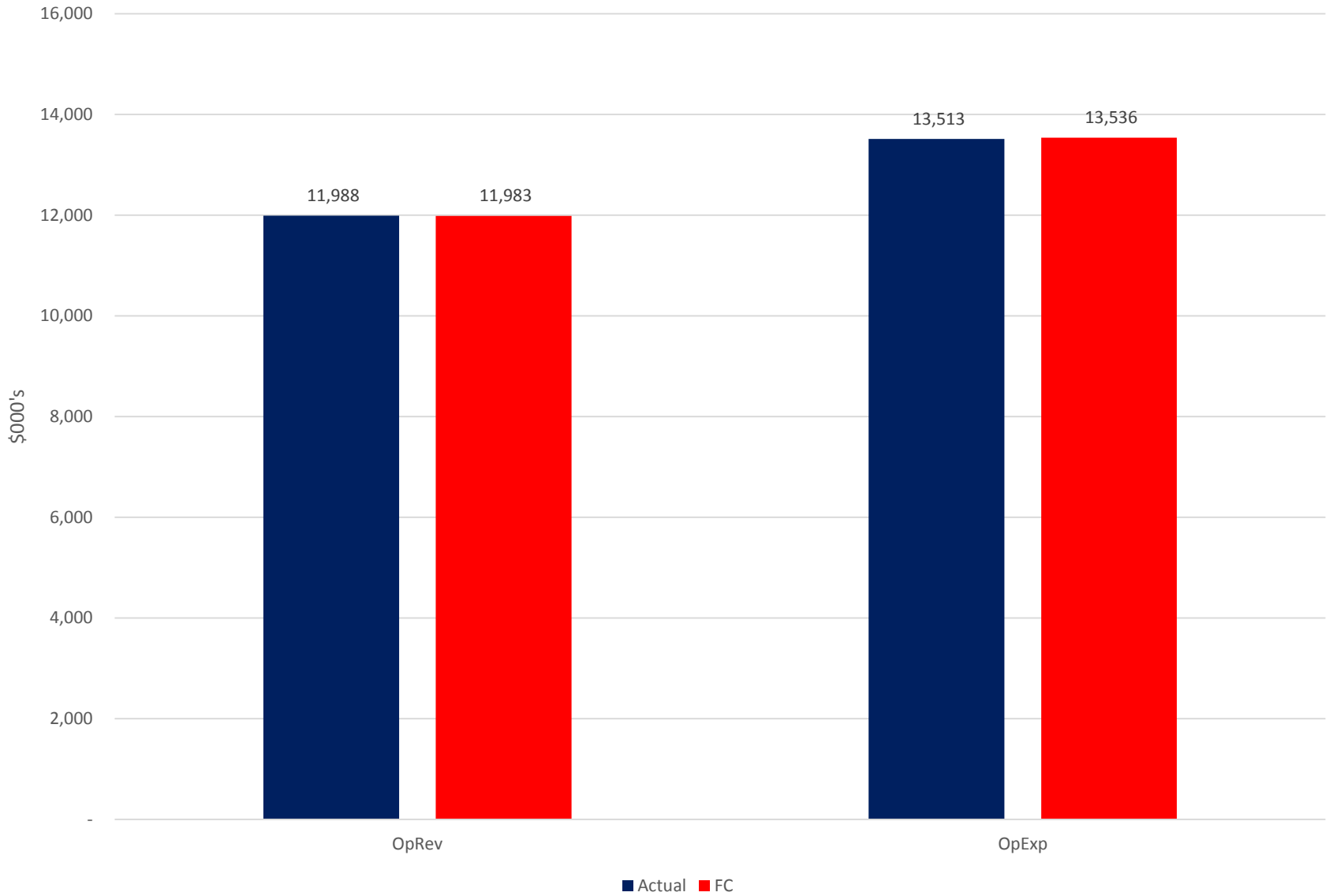
# SUBURBAN WATER

## Operating Revenues & Expenses (including D&A)



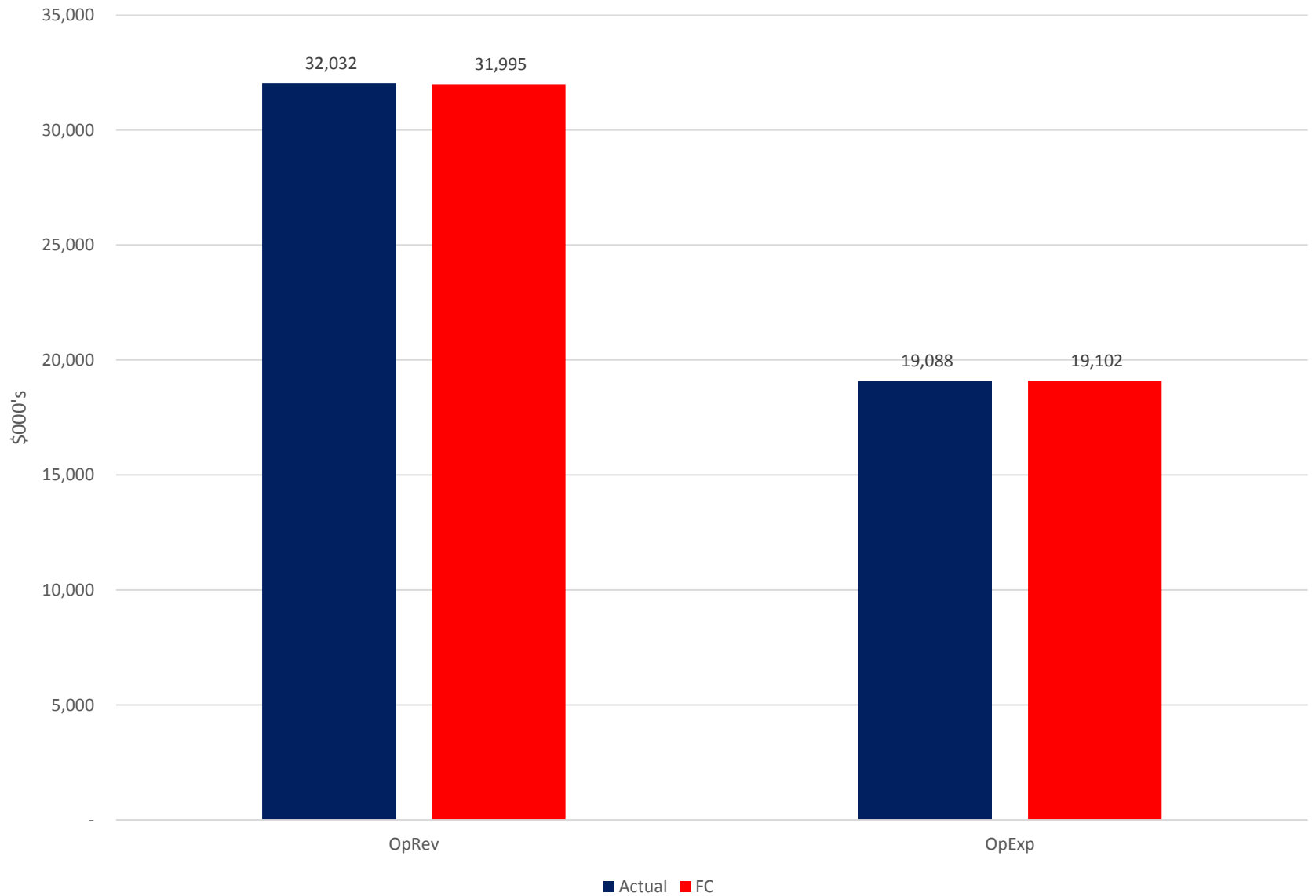
# SUBURBAN WASTEWATER

## Operating Revenues & Expenses (including D&A)



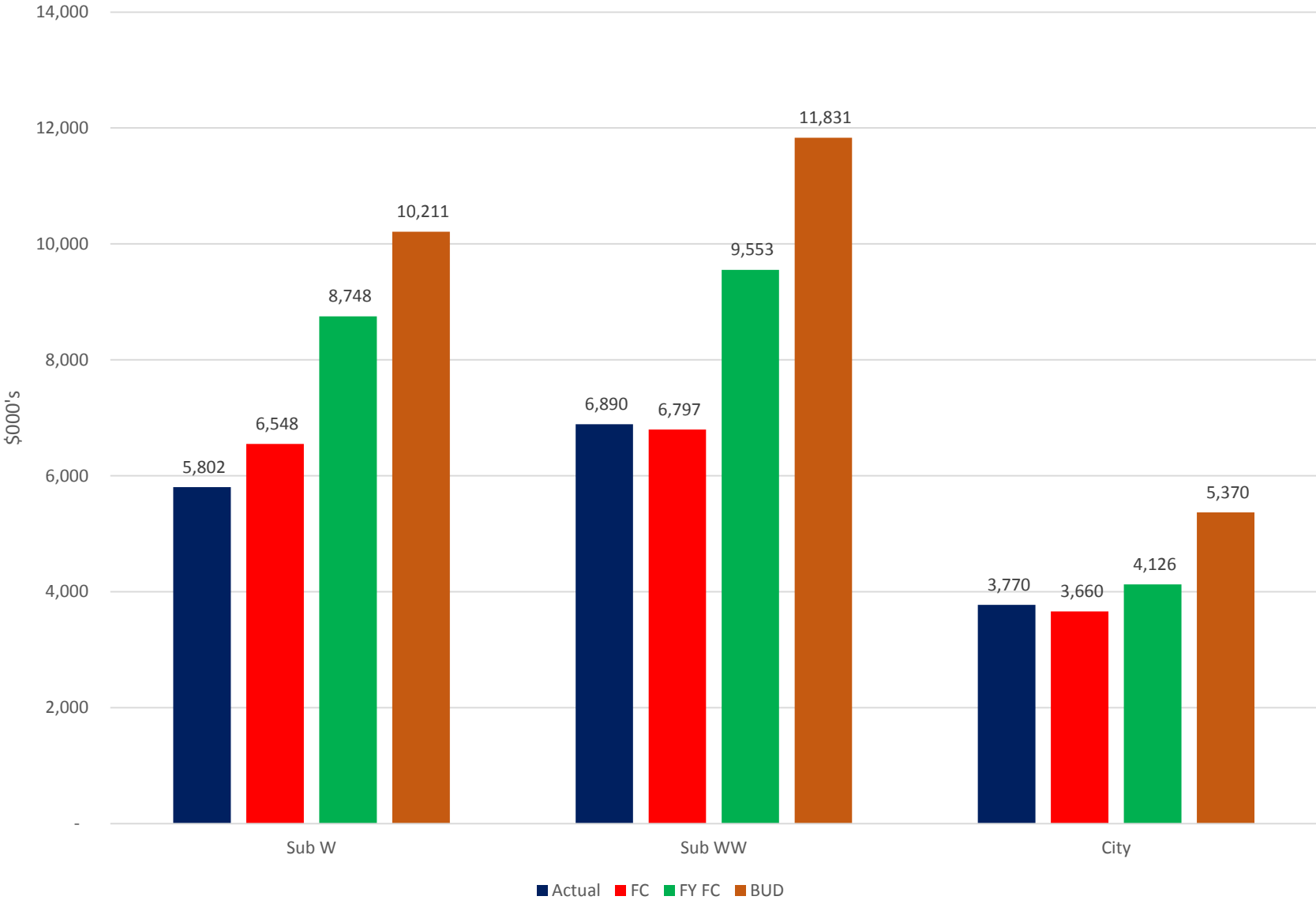
# CITY DIVISION

## Operating Revenues & Expenses (including D&A)



# CAPITAL SPENDING

Capex



## CAPITAL SPENDING

<b><i>SUBURBAN WATER</i></b>	<b>Current Year</b>			
<b>USD</b>	<b>Budget</b>	<b>Spending FC</b>	<b>Variance</b>	<b>Status</b>
Annual Projects	1,636,000	1,455,945	180,055	IN PROGRESS
Water Main Cycle 5	2,500,000	2,054,767	445,233	COMPLETE
CLD Auxiliary Pump Station	1,417,860	1,358,620	59,240	IN PROGRESS
Buss Acres	700,000	198,527	501,473	IN PROGRESS
Additional Water Supply	100,000	96,297	3,703	IN PROGRESS
Water Meter Reading Equipment	1,963,500	2,714,032	(750,532)	IN PROGRESS
Kohler Pump Station	1,348,180	364,220	983,960	IN PROGRESS
CLD Well Improvements	60,000	44,198	15,802	IN PROGRESS
CLD Water System Optimization	60,000	37,655	22,345	IN PROGRESS
Admin Projects	425,000	424,068	932	IN PROGRESS
<b>Total</b>	<b>10,210,540</b>	<b>8,748,330</b>	<b>1,462,210</b>	
<b><i>SUBURBAN WASTEWATER</i></b>	<b>Current Year</b>			
<b>USD</b>	<b>Budget</b>	<b>Spending FC</b>	<b>Variance</b>	<b>Status</b>
Annual Projects	594,500	226,448	368,052	IN PROGRESS
WLI Emergency	2,211,510	1,908,852	302,658	IN PROGRESS
Spring Creek PS Upgrade	-	95,235	(95,235)	COMPLETE
Pretreatment Plant	700,000	699,750	250	IN PROGRESS
Central Lehigh WW Capacity Planning	50,000	62,046	(12,046)	IN PROGRESS
Signatory I/I SCARP	745,000	744,507	493	IN PROGRESS
Spring Creek FM ARV	40,000	25,140	14,860	IN PROGRESS
WLI Trexlertown Storage	100,000	72,729	27,271	IN PROGRESS
Park PS Rehab	4,100,000	3,158,435	941,565	IN PROGRESS
Park PS FM Rehab	100,000	12,111	87,889	IN PROGRESS
Wynnewood WWTP	2,000,000	1,798,790	201,210	IN PROGRESS
Wynnewood I/I	50,000	21,207	28,793	IN PROGRESS
Sand Spring WWTP	800,000	187,360	612,640	IN PROGRESS
Heidelberg Heights I/I	250,000	261,038	(11,038)	IN PROGRESS
Heidelberg Heights WWTP	40,000	175,347	(135,347)	IN PROGRESS
Lynn Township WWTP	20,000	5,098	14,902	IN PROGRESS
Lynn Township I/I	30,000	99,077	(69,077)	IN PROGRESS
<b>Total</b>	<b>11,831,010</b>	<b>9,553,168</b>	<b>2,277,842</b>	
<b><i>CITY DIVISION</i></b>	<b>Current Year</b>			
<b>USD</b>	<b>Budget</b>	<b>Spending FC</b>	<b>Variance</b>	<b>Status</b>
Annual Projects	1,700,000	1,996,179	(296,179)	IN PROGRESS
WWTP Substation Replacement	1,500,000	1,332,653	167,347	COMPLETE
Water Main Cycle 4	524,885	570,774	(45,889)	COMPLETE
Administrative Order Improvements	1,500,000	224,136	1,275,864	IN PROGRESS
AMR	145,000	1,784	143,216	IN PROGRESS
<b>Total</b>	<b>5,369,885</b>	<b>4,125,527</b>	<b>1,244,358</b>	



# CASH BALANCE

## Operating Cash Days on Hand

