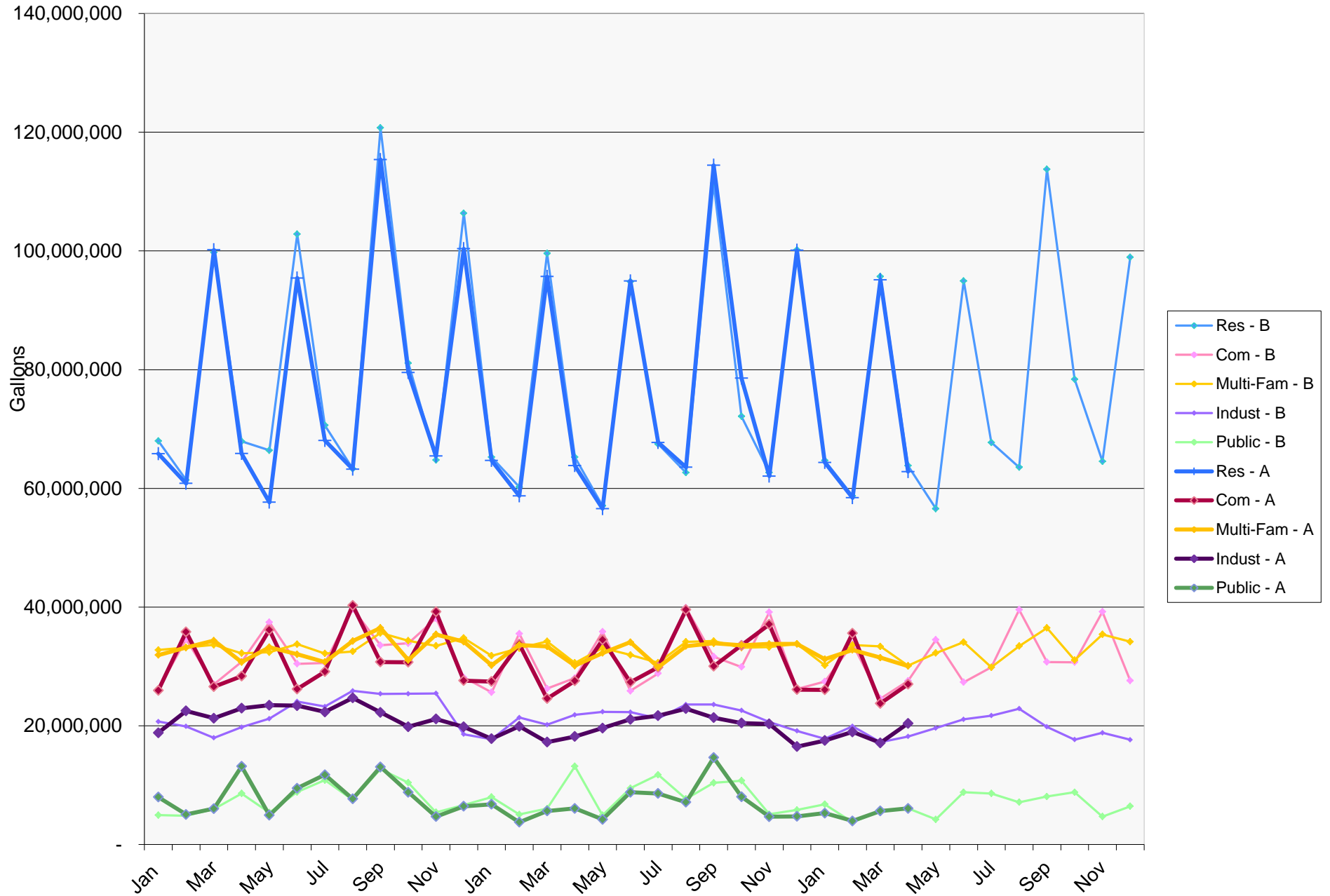


**WAUKESHA WATER UTILITY  
STATEMENT OF REVENUES & EXPENSES  
MONTH ENDED 4/30/2017**

	CURRENT MONTH				YEAR TO DATE				ANNUAL BUDGET
	ACTUAL'17	BUDGET'17	VARIANCE	%	ACTUAL'17	BUDGET'17	VARIANCE	%	
<b>OPERATING REVENUES:</b>									
Residential	\$323,407.25	\$345,728.05	(\$22,320.80)	(6.46)	\$1,441,196.60	\$1,475,292.19	(\$34,095.59)	(2.31)	\$5,030,437.72
Commercial	109,232.42	112,869.16	(3,636.74)	(3.22)	445,421.67	451,881.26	(6,459.59)	(1.43)	1,569,599.84
Industrial	65,974.83	66,682.34	(707.51)	(1.06)	241,074.78	255,348.80	(14,274.02)	(5.59)	827,015.90
Public	23,190.09	26,023.82	(2,833.73)	(10.89)	82,056.65	91,656.31	(9,599.66)	(10.47)	326,294.38
Multi Family	121,363.98	128,732.98	(7,369.00)	(5.72)	497,770.79	513,129.16	(15,358.37)	(2.99)	1,668,162.54
Total Metered Sales	\$643,168.57	\$680,036.35	(\$36,867.78)	(5.42)	\$2,707,520.49	\$2,787,307.72	(\$79,787.23)	(2.86)	\$9,421,510.38
Private Fire Capacity	\$15,608.44	\$16,169.99	(\$561.55)	(3.47)	\$62,991.26	\$62,526.10	\$465.16	0.74	\$199,976.65
Public Fire Capacity	136,165.05	144,090.85	(7,925.80)	(5.50)	584,644.20	592,608.56	(7,964.36)	(1.34)	1,927,919.50
Other Operating Revenues	65,531.17	70,416.94	(4,885.77)	(6.94)	141,378.40	155,107.29	(13,728.89)	(8.85)	496,500.37
<b>TOTAL OPERATING REVENUES</b>	<b>\$860,473.23</b>	<b>\$910,714.13</b>	<b>(\$50,240.90)</b>	<b>(5.52)</b>	<b>\$3,496,534.35</b>	<b>\$3,597,549.67</b>	<b>(\$101,015.32)</b>	<b>(2.81)</b>	<b>\$12,045,906.90</b>
<b>OPERATING EXPENSES:</b>									
Source	\$703.63	\$64,128.89	(\$63,425.26)	(98.90)	\$10,155.25	\$256,515.56	(\$246,360.31)	(96.04)	\$769,546.68
Pumping	65,544.25	81,110.94	(15,566.69)	(19.19)	265,275.59	335,131.23	(69,855.64)	(20.84)	1,015,429.53
Treatment	36,088.86	31,468.90	4,619.96	14.68	135,532.01	149,769.35	(14,237.34)	(9.51)	473,201.80
Distribution	67,232.96	118,406.97	(51,174.01)	(43.22)	342,944.69	494,721.58	(151,776.89)	(30.68)	1,476,932.94
Customer Service	12,714.95	14,169.47	(1,454.52)	(10.27)	71,939.97	56,771.63	15,168.34	26.72	203,204.17
Administrative	117,257.31	118,520.24	(1,262.93)	(1.07)	576,822.15	594,379.64	(17,557.49)	(2.95)	1,626,498.94
Total	\$299,541.96	\$427,805.41	(128,263.45)	(29.98)	\$1,402,669.66	\$1,887,288.99	(484,619.33)	(25.68)	\$5,564,814.06
<b>MANAGERS' MARGIN</b>	<b>560,931.27</b>	<b>482,908.72</b>	<b>78,022.55</b>	<b>16.16</b>	<b>2,093,864.69</b>	<b>1,710,260.68</b>	<b>\$383,604.01</b>	<b>22.43</b>	<b>6,481,092.84</b>
Depreciation	159,276.45	156,724.04	2,552.41	1.63	637,045.02	626,896.16	10,148.86	1.62	1,880,688.48
Tax Equivalent	146,566.83	145,847.99	718.84	0.49	585,952.02	583,391.96	2,560.06	0.44	1,750,175.88
Other Taxes	10,610.27	12,017.86	(1,407.59)	(11.71)	48,384.12	48,071.44	312.68	0.65	154,451.82
<b>TOTAL OPERATING EXPENSES</b>	<b>\$615,995.51</b>	<b>\$742,395.30</b>	<b>(\$126,399.79)</b>	<b>(17.03)</b>	<b>\$2,674,050.82</b>	<b>\$3,145,648.55</b>	<b>(\$471,597.73)</b>	<b>(14.99)</b>	<b>\$9,350,130.24</b>
<b>TOTAL OPERATING INCOME(LOSS)</b>	<b>\$244,477.72</b>	<b>\$168,318.83</b>	<b>\$76,158.89</b>	<b>45.25</b>	<b>\$822,483.53</b>	<b>\$451,901.12</b>	<b>\$370,582.41</b>	<b>82.01</b>	<b>\$2,695,776.66</b>
<b>NON OPERATING INCOME&amp;(EXPENSE)</b>	<b>(114,374.02)</b>	<b>(111,572.02)</b>	<b>(2,802.00)</b>	<b>2.51</b>	<b>(489,125.94)</b>	<b>(522,281.83)</b>	<b>33,155.89</b>	<b>(6.35)</b>	<b>(1,009,821.75)</b>
<b>NET INCOME(LOSS)</b>	<b>\$130,103.70</b>	<b>\$56,746.81</b>	<b>\$73,356.89</b>	<b>129.27</b>	<b>\$333,357.59</b>	<b>(\$70,380.71)</b>	<b>\$403,738.30</b>	<b>(573.65)</b>	<b>\$1,685,954.91</b>

WWU  
Billed Gallons  
Actual v Budget  
2015 - 2017



**WAUKESHA WATER UTILITY  
STATEMENT OF SOURCES AND USES OF CASH  
PERIOD ENDING APRIL 30, 2017**

**Cash Balance - March 31, 2017**

\$28,947,102

**SOURCES:**

**Operations:**

Customers - water sales	\$884,038
Waste Water Utility - joint metering billing	56,968
Rent of utility property - cellular leases	50,739
Receipts on sewer bills	1,103,668
Other - miscellaneous	7,642
Total Cash From Operating Activities	<u>\$2,103,055</u>

**Capital and Related Financing Activities:**

Grants	
Contributions	4,670
Issuance of long-term debt	
Sale of short-term debt	
Interest income	16,600
Total Cash From Capital/ Investing Activities	<u>\$21,270</u>

**Total Cash Receipts**

\$2,124,326

**USES:**

Salaries, wages, payroll taxes and benefits	\$258,519
Subcontracted and outside services	26,667
Disbursement to city for sewer transfer	982,791
Pumping power	51,595
Purchase of materials and supplies	88,911
Tax equivalent - PILOT	
Acquisition of capital assets	703,228
Debt service - principal	49,187
Debt service - interest	270,415

**Total Cash Used**

\$2,431,314

**Net Change in Cash**

(\$306,988)

**Cash Balance - April 30, 2017**

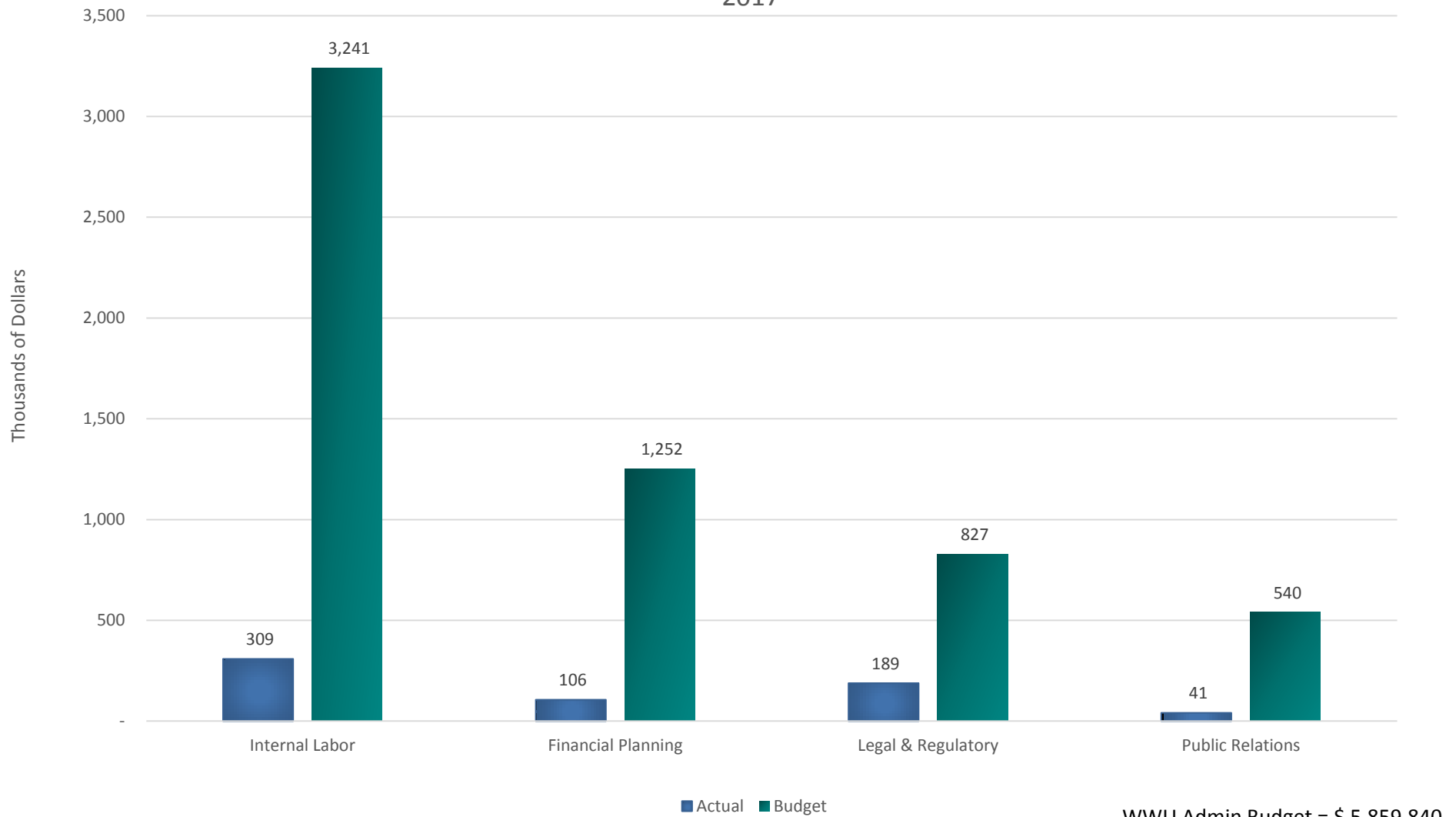
\$28,640,114

**WAUKESHA WATER UTILITY  
BALANCE SHEET  
4/30/2017**

<b><u>ASSETS</u></b>	<b><u>THIS YEAR</u></b>
<b>CURRENT</b>	
CASH AND INVESTMENTS	\$23,259,463.91
ACCOUNTS RECEIVABLE	4,472,785.39
RECEIVABLE FROM SEWER REIMB	0.00
MATERIALS & SUPPLIES	638,071.26
OTHER CURRENT ASSETS	0.00
ACCRUED UTILITY REVENUE	0.00
TOTAL CURRENT ASSETS	\$28,370,320.56
<b>DEFERRED</b>	
DEFERRED ASSETS	\$4,499,688.27
TOTAL DEFERRED DEBITS	4,499,688.27
<b>RESTRICTED</b>	
DEBT PAYMENT ACCOUNT	\$344,422.31
DEBT RESERVE ACCOUNT	475,294.00
CONSTRUCTION FUND	3,369,945.60
TAX EQUIV RESERVE ACCOUNT	1,190,987.73
TOTAL RESTRICTED FUNDS	\$5,380,649.64
<b>LONG TERM</b>	
UTILITY PLANT IN SERVICE-NET	\$89,406,792.04
PROPERTY HELD FOR FUTURE USE	435,089.69
CONSTRUCTION WORK IN PROGRESS	4,778,004.72
RESTRICTED NET PENSION	(225,396.00)
TOTAL UTILITY PLANT	\$94,394,490.45
<b>TOTAL ASSETS</b>	<b>\$132,645,148.92</b>
<b><u>LIABILITIES</u></b>	
<b>CURRENT</b>	
CUR PORTION BOND	370,000.00
NOTES PAYABLE	17,400,000.00
ACCOUNTS PAYABLE	863,395.23
PAYABLE TO OTHER FUNDS	2,670,904.63
CUSTOMER DEPOSITS	89,846.60
A/P MISCELLANEOUS	0.00
TAXES ACCRUED	1,189,480.00
INTEREST ACCRUED	84,364.04
EMPLOYEE WITHHOLDING	10,996.54
ACCRUED PAYROLL	42,709.73
ACCRUED VACATION	227,813.40
TOTAL CURRENT LIABILITIES	\$22,949,510.17
<b>DEFERRED CREDITS</b>	
CUSTOMER ADVANCES CONSTRUCTION	\$0.00
REGULATORY LIABILITY	1,274,038.42
OPEB LIABILITY	1,208,161.73
OTHER DEFERRED CREDITS	2,862,922.20
TOTAL DEFERRED CREDITS	\$5,345,122.35
<b>LONG-TERM</b>	
BONDS	\$28,179,041.65
<b><u>EQUITY</u></b>	
CAPITAL PAID IN BY MUNICIPALITY	\$729,520.02
EQUITY FINANCED BY UTILITY	41,886,232.22
EQUITY FROM CONTRIBUTIONS	32,526,407.92
RESTRICTED EQUITY	695,957.00
NET PROFIT (LOSS)	333,357.59
TOTAL EQUITY	\$76,171,474.75
<b>TOTAL EQUITY AND LIABILITIES</b>	<b>\$132,645,148.92</b>



Future Water Supply  
WWU Admin Sub Costs  
2017



# WWU

## GWA EARNED VALUE ANALYSIS

CURRENT STATE

EARNED VALUE

IS A FUNCTION OF:

TASKS

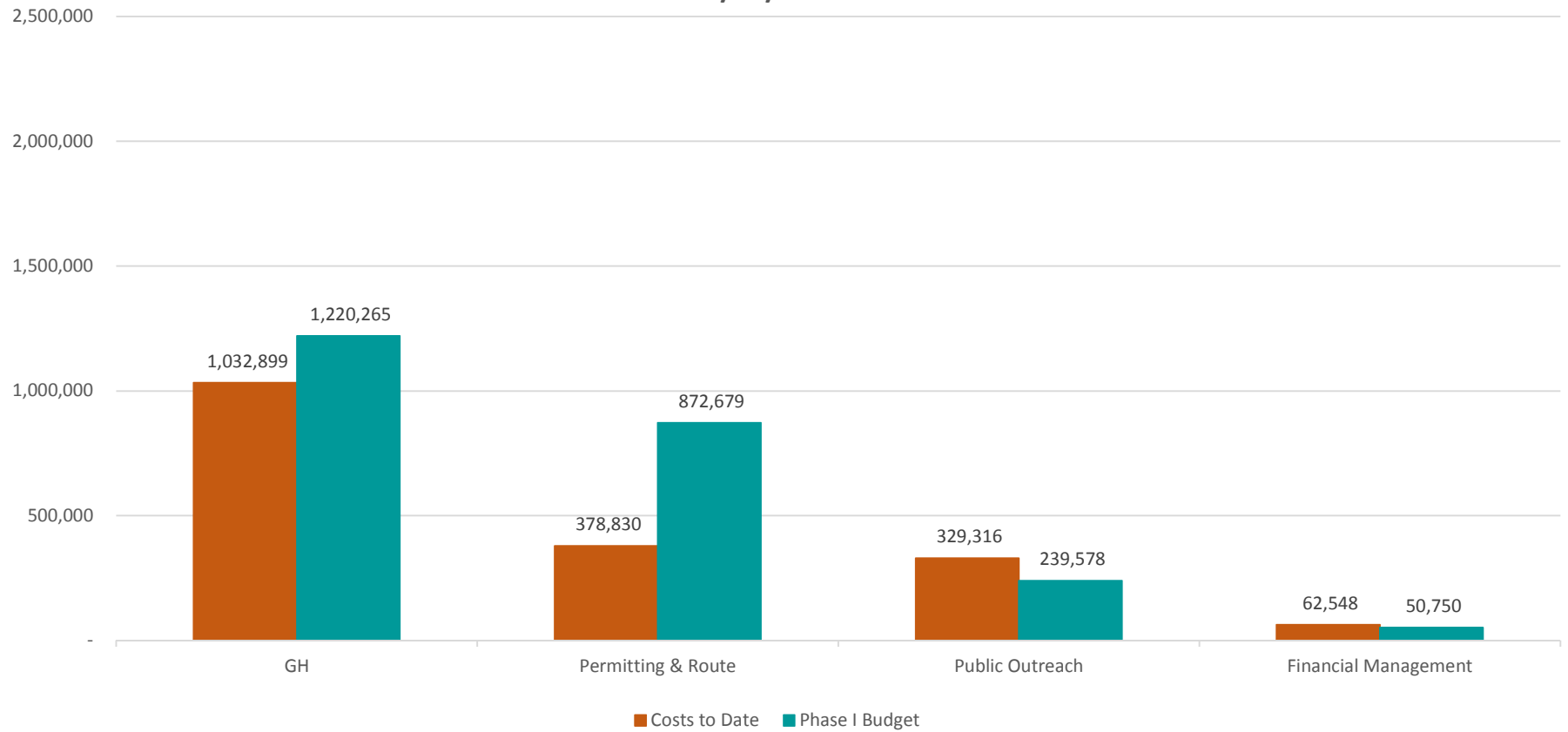
TIME

MONEY

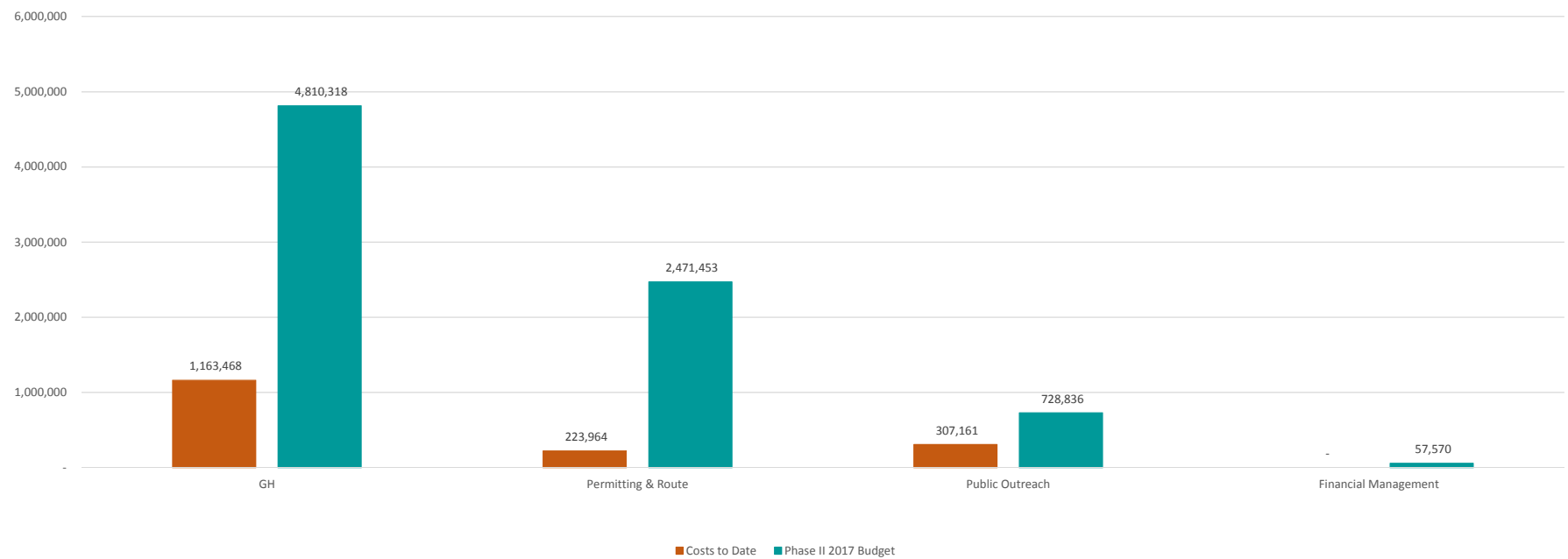
DEMONSTRATION

STATUS

**WWU**  
**GWA Phase I Budget = \$2,383,272**  
**5/10/2017**



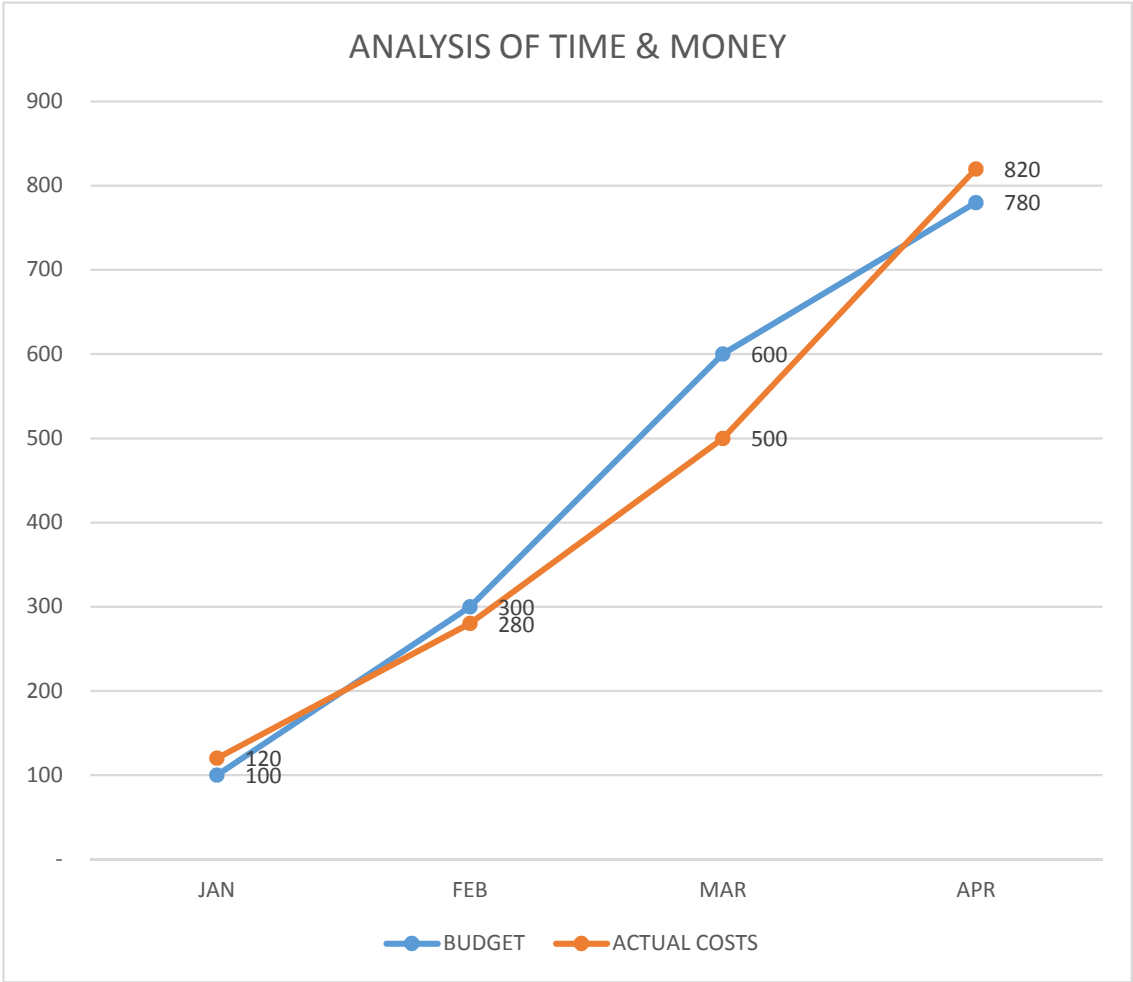
WWU  
GWA Phase II Budget = \$8,068,177  
May 10, 2017





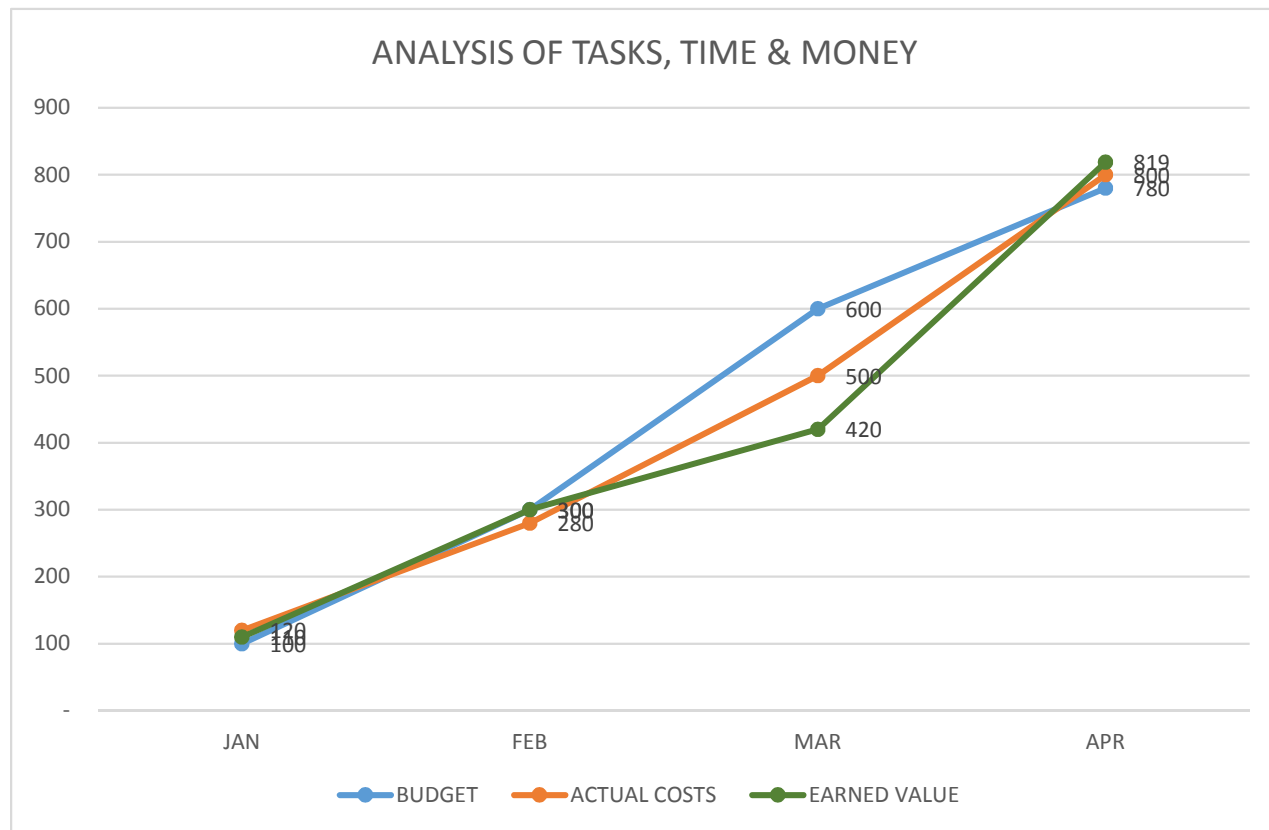
SIMULATION OF CURRENT APPROACH

	JAN	FEB	MAR	APR
BUDGET	100	300	600	780
ACTUAL COSTS	120	280	500	820



## SIMULATION OF DESIRED APPROACH

	JAN	FEB	MAR	APR
BUDGET	100	300	600	780
ACTUAL COSTS	120	280	500	800
EARNED VALUE	110	300	420	819
% COMPLETE	110	100	70	105
COST PERFORMANCE INDEX	0.92	1.07	0.84	1.02



WWU  
TRANSMISSION AND DISTRIBUTION  
BUDGET VARIANCE ANALYSIS

Project	Project #	Description/Location	Budget	Current Estimate	PJC Total	Aldermanic District		Construction Completion
WM offsets from WSB from Fiddlers Creek to Northview Road	M00500	Water Main offsets to accommodate changes in the storm sewer and roadway alignments. Project run by CH2M on behalf of the County.	\$2,787,447	\$ 215,000	\$ 7,896	14	Bill Boyle	December 2017
WM offsets from WSB from Genesee Road to Fiddlers Creek Drive	M00501	Water Main offsets to accommodate changes in the storm sewer and roadway alignments. Project run by WDOT.		\$ 250,000	\$ 5,075	6	Adam Jankowski	Fall 2018
						7	Daniel J. Manion	
						13	Dean Lemke	
						14	Bill Boyle	
WM offsets from WSB from Northview to Rolling Ridge Drive	M00502	Water Main offsets to accommodate changes in the storm sewer and roadway alignments. Project run by the City.		\$ 48,751	\$ 8,314	5	Peter Bartels	November 2017
						14	Bill Boyle	
N Grand - 5 Points to Wisconsin and South St - Clinton to Grand Ave.	M00507	Replace 600 feet if 10" main from 1908 with 12" on South Street from Clinton to Grand and on N. Grand from 5 Points to Wisconsin. Project done with the City.		\$ 298,945	\$ 17,145	11	Erik Helgestad	6/29/17
Prairie Ave - College to St Paul Ave.	M00508	Cancelled by the City until a Future Year		\$ -	\$ 794			Cancelled
Caroline St - Arcadian to Main St.	M00509	Replace 750 of 6" main from 1911 with 8" on Caroline between Arcadian and Main Street. Project done with City Sanitary.		\$ 176,392	\$ 6,072	3	Cassie Rodriguez	November 2017
						11	Erik Helgestad	
NW Barstow - Buena Vista to Lemira Ave.	M00510	Replace 1,560 feet of 6" main from 1909, 1915, and 1930 with 8" on NW Barstow from Buena Vista to Lemira. Project done with the City.	\$ 312,364	\$ 10,643	2	Eric Payne	October 2017	
Arcadian - Eugene to Greenfield Ave.	M00512	Replace 1,500 feet of 6" main from 1924 with 550' of 8" and 950' 12" on NW Barstow from Buena Vista to Lemira. Project done with the City.	\$ 363,087	\$ 11,690	3	Cassie Rodriguez	October 2017	
Oscar Street - Jefferson to Highland Ave.	M00513	Lower services on Oscar between Jefferson & Highland to eliminate annual water runs due to large storm sewer. Main is from 1958 but will not be replaced due to budget constraints.	\$ 41,622	\$ 2,641	3	Cassie Rodriguez	October 2017	
Routine Projects			\$ 2,787,447	\$ 1,706,161	\$ 70,269			
Misc Routine			\$ 558,809	\$ 558,809	\$ 558,809			
Total Routine			\$ 3,346,256	\$ 2,264,970	\$ 629,078			
West Ave from Wisconsin to Glenwood, West on Glenwood, under Fox River to Mountain Ave.	GLCD0008	Replacing 8" from 1913 on West from Wisconsin to Glenwood, 6" from 1927 on Glenwood, with 24" main, then new 24" crossing river, passing through Grede Park and connecting to 20" main on Mountain. Project done with City Sanitary.	\$ 1,924,600	\$ 1,632,662	\$ 54,823	2	Eric Payne	9/29/17
						11	Erik Helgestad	
Distribution System Improvements			\$1,924,600	\$ 1,632,662	\$ 54,823			
Total Transmission & Distribution			\$ 5,270.856	\$ 3,897,632	\$ 683,901			

**Bold Totals are Based on Bids**