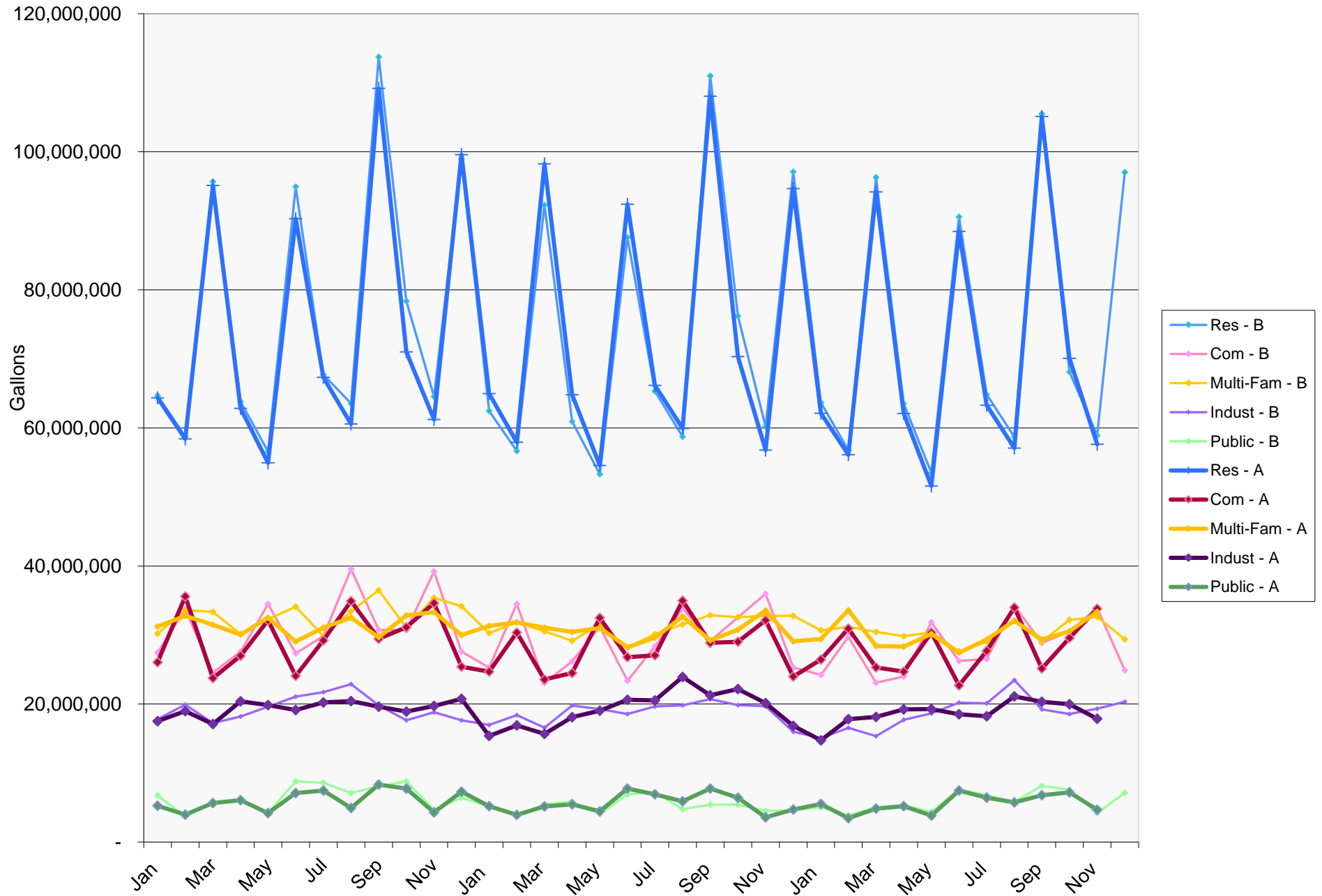


**WAUKESHA WATER UTILITY  
STATEMENT OF REVENUES & EXPENSES  
MONTH ENDED 11/30/2019**

	CURRENT MONTH				YEAR TO DATE				ANNUAL BUDGET
	ACTUAL'19	BUDGET'19	VARIANCE	%	ACTUAL'19	BUDGET'19	VARIANCE	%	
<b>OPERATING REVENUES:</b>									
Residential	\$321,723.35	\$323,690.66	(\$1,967.31)	(0.61)	\$4,282,625.77	\$4,284,507.86	(\$1,882.09)	(0.04)	\$4,824,683.03
Commercial	142,287.69	144,459.29	(2,171.60)	(1.50)	1,331,251.65	1,326,659.30	4,592.35	0.35	1,437,793.46
Industrial	61,849.04	66,159.14	(4,310.10)	(6.51)	706,941.08	700,479.75	6,461.33	0.92	770,326.57
Public	19,715.42	17,646.41	2,069.01	11.72	252,526.67	259,086.77	(6,560.10)	(2.53)	287,895.53
Multi Family	139,624.61	139,484.21	140.40	0.10	1,413,321.17	1,414,976.81	(1,655.64)	(0.12)	1,540,312.64
Irrigation	899.87	6,813.85	(5,913.98)	(86.79)	31,045.59	39,419.77	(8,374.18)	(21.24)	42,826.69
Total Metered Sales	\$686,099.98	\$698,253.56	(\$12,153.58)	(1.74)	\$8,017,711.93	\$8,025,130.26	(\$7,418.33)	(0.09)	\$8,903,837.92
Private Fire Capacity	\$23,341.87	\$19,896.17	\$3,445.70	17.32	\$237,526.99	\$221,319.47	\$16,207.52	7.32	\$239,814.12
Public Fire Capacity	160,856.93	156,997.41	3,859.52	2.46	1,936,609.52	1,896,645.34	39,964.18	2.11	2,112,230.99
Other Operating Revenues	85,520.15	110,726.29	(25,206.14)	(22.76)	423,641.58	444,364.47	(20,722.89)	(4.66)	471,295.46
<b>TOTAL OPERATING REVENUES</b>	<b>\$955,818.93</b>	<b>\$985,873.43</b>	<b>(\$30,054.50)</b>	<b>(3.05)</b>	<b>\$10,615,490.02</b>	<b>\$10,587,459.54</b>	<b>\$28,030.48</b>	<b>0.26</b>	<b>\$11,727,178.49</b>
<b>OPERATING EXPENSES:</b>									
Source	\$50,884.05	\$50,632.08	\$251.97	0.50	\$560,653.71	\$559,562.58	\$1,091.13	0.19	\$755,121.90
Pumping	69,291.41	81,116.48	(11,825.07)	(14.58)	838,882.69	964,381.63	(125,498.94)	(13.01)	1,038,078.03
Treatment	22,409.58	31,198.09	(8,788.51)	(28.17)	389,234.10	460,069.69	(70,835.59)	(15.40)	535,037.61
Distribution	146,022.78	85,121.05	60,901.73	71.55	1,195,731.27	1,062,150.58	133,580.69	12.58	1,379,286.99
Customer Service	24,227.02	21,852.20	2,374.82	10.87	188,848.10	232,598.49	(43,750.39)	(18.81)	258,081.70
Administrative	89,388.29	159,172.12	(69,783.83)	(43.84)	1,307,529.92	1,551,881.74	(244,351.82)	(15.75)	1,677,514.93
Total	\$402,223.13	\$429,092.02	(26,868.89)	(6.26)	\$4,480,879.79	\$4,830,644.71	(349,764.92)	(7.24)	\$5,643,121.16
<b>MANAGERS' MARGIN</b>	<b>553,595.80</b>	<b>556,781.41</b>	<b>(3,185.61)</b>	<b>(0.57)</b>	<b>6,134,610.23</b>	<b>5,756,814.83</b>	<b>\$377,795.40</b>	<b>6.56</b>	<b>6,084,057.33</b>
Depreciation	159,663.40	159,482.42	180.98	0.11	1,753,453.70	1,754,306.62	(852.92)	(0.05)	1,913,789.04
Tax Equivalent	168,280.82	168,280.82	0.00	0.00	1,851,089.02	1,851,089.02	0.00	0.00	2,019,369.84
Other Taxes	10,318.24	12,395.50	(2,077.26)	(16.76)	143,208.73	147,421.87	(4,213.14)	(2.86)	159,817.37
<b>TOTAL OPERATING EXPENSES</b>	<b>\$740,485.59</b>	<b>\$769,250.76</b>	<b>(\$28,765.17)</b>	<b>(3.74)</b>	<b>\$8,228,631.24</b>	<b>\$8,583,462.22</b>	<b>(\$354,830.98)</b>	<b>(4.13)</b>	<b>\$9,736,097.41</b>
<b>TOTAL OPERATING INCOME(LOSS)</b>	<b>\$215,333.34</b>	<b>\$216,622.67</b>	<b>(\$1,289.33)</b>	<b>(0.60)</b>	<b>\$2,386,858.78</b>	<b>\$2,003,997.32</b>	<b>\$382,861.46</b>	<b>19.10</b>	<b>\$1,991,081.08</b>
<b>NON OPERATING INCOME&amp;(EXPENSE)</b>	<b>(181,723.20)</b>	<b>(195,074.24)</b>	<b>13,351.04</b>	<b>(6.84)</b>	<b>(1,600,796.25)</b>	<b>(1,922,851.39)</b>	<b>322,055.14</b>	<b>(16.75)</b>	<b>(371,184.63)</b>
<b>NET INCOME(LOSS)</b>	<b>\$33,610.14</b>	<b>\$21,548.43</b>	<b>\$12,061.71</b>	<b>55.97</b>	<b>\$786,062.53</b>	<b>\$81,145.93</b>	<b>\$704,916.60</b>	<b>868.70</b>	<b>\$1,619,896.45</b>

WWU  
Billed Gallons  
Actual v Budget  
2017 - 2019



**WAUKESHA WATER UTILITY  
BALANCE SHEET  
11/30/2019**

<b><u>ASSETS</u></b>	<b><u>THIS YEAR</u></b>
<b>CURRENT</b>	
CASH AND INVESTMENTS	\$27,862,633.21
ACCOUNTS RECEIVABLE	4,981,395.56
RECEIVABLE FROM SEWER REIMB	1,487.41
MATERIALS & SUPPLIES	366,002.94
OTHER CURRENT ASSETS	73,615.45
ACCRUED UTILITY REVENUE	0.00
TOTAL CURRENT ASSETS	<u>\$33,285,134.57</u>
<b>DEFERRED</b>	
DEFERRED ASSETS	<u>\$29,821,290.14</u>
TOTAL DEFERRED DEBITS	29,821,290.14
<b>RESTRICTED</b>	
DEBT PAYMENT ACCOUNT	\$662,101.35
DEBT RESERVE ACCOUNT	477,655.44
CONSTRUCTION FUND	153.00
TAX EQUIV RESERVE ACCOUNT	<u>1,943,639.06</u>
TOTAL RESTRICTED FUNDS	<u>\$3,083,548.85</u>
<b>LONG TERM</b>	
UTILITY PLANT IN SERVICE-NET	\$91,776,809.99
PROPERTY HELD FOR FUTURE USE	435,089.69
CONSTRUCTION WORK IN PROGRESS	6,770,633.43
RESTRICTED NET PENSION	<u>403,235.00</u>
TOTAL UTILITY PLANT	<u>\$99,385,768.11</u>
<b>TOTAL ASSETS</b>	<u><u>\$165,575,741.67</u></u>
<b><u>LIABILITIES</u></b>	
<b>CURRENT</b>	
CUR PORTION BOND	1,749,733.77
NOTES PAYABLE	21,775,000.00
ACCOUNTS PAYABLE	1,874,130.32
PAYABLE TO OTHER FUNDS	3,544,098.82
CUSTOMER DEPOSITS	141,540.15
A/P MISCELLANEOUS	0.00
TAXES ACCRUED	1,887,355.25
INTEREST ACCRUED	387,494.16
EMPLOYEE WITHHOLDING	20,659.41
ACCRUED PAYROLL	89,952.98
ACCRUED VACATION	<u>249,468.59</u>
TOTAL CURRENT LIABILITIES	<u>\$31,719,433.45</u>
<b>DEFERRED CREDITS</b>	
CUSTOMER ADVANCES CONSTRUCTION	\$0.00
REGULATORY LIABILITY	780,348.54
OPEB LIABILITY	4,173,703.69
OTHER DEFERRED CREDITS	<u>3,272,836.04</u>
 TOTAL DEFERRED CREDITS	 \$8,226,888.27
<b>LONG-TERM</b>	
BONDS	\$50,026,800.53
<b><u>EQUITY</u></b>	
CAPITAL PAID IN BY MUNICIPALITY	\$2,711,373.96
EQUITY FINANCED BY UTILITY	37,970,779.96
EQUITY FROM CONTRIBUTIONS	33,438,445.97
RESTRICTED EQUITY	695,957.00
NET PROFIT (LOSS)	<u>786,062.53</u>
TOTAL EQUITY	<u>\$75,602,619.42</u>
<b>TOTAL EQUITY AND LIABILITIES</b>	<u><u>\$165,575,741.67</u></u>

**WAUKESHA WATER UTILITY  
STATEMENT OF SOURCES AND USES OF CASH  
PERIOD ENDING NOVEMBER 30, 2019**

**Cash Balance - October 31, 2019**

**\$31,031,738**

**SOURCES:**

**Operations:**

Customers - water sales	\$1,034,846
Waste Water Utility - joint metering billing	61,571
Rent of utility property - cellular leases	12,283
Receipts on sewer bills	1,386,244
Receipts from return flow	316,973
Reimbursement from City for return flow expenses	347,381
Reimbursement from City for sewer construction costs	431,441
Other - miscellaneous	17,306
<b>Total Cash From Operating Activities</b>	<b>\$3,608,045</b>

**Capital and Related Financing Activities:**

Grants	
Contributions	37,896
Issuance of long-term debt	
Sale of short-term debt	
Interest income	45,272
<b>Total Cash From Capital/ Investing Activities</b>	<b>\$83,168</b>

**Total Cash Receipts**

**\$3,691,214**

**USES:**

Salaries, wages, payroll taxes and benefits	\$253,603
Subcontracted and outside services	86,384
Disbursement to city for sewer transfer	1,593,349
Disbursement to city for return flow transfer	357,220
Pumping power	65,707
Purchase of materials and supplies	329,479
Tax equivalent - PILOT	
Acquisition of capital assets	1,091,027
Debt service - principal	
Debt service - interest	

**Total Cash Used**

**\$3,776,770**

**Net Change in Cash**

**(\$85,556)**

**Cash Balance - November 30, 2019**

**\$30,946,182**

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 Genesee Road to Fiddlers Creek Drive	M00501	Water Main offsets to accommodate changes in the storm sewer and roadway alignments. Project run by WDOT.		\$ 118,780	\$ 79,289	6	Jack Wells	Spring 2020
						7	Daniel J. Manion	
						13	Dean Lemke	
						14	Rick Lemke	
Greenmeadow Sanitary Water Main Lowering	M00527	Replace 920 feet of 6-inch cast iron water main from 1966 with 8-inch PVC main on Dopp St between Joellen and Moreland. Re-connect services on Moreland between Dopp and St. Paul. Project done with City.		\$ 800,386	\$ 820,708	15	Cory Payne	December 2019
Dunbar - Marshall to West	M00531	Replace 1,540 feet of 6-inch cast iron from 1913 with 8-inch PVC water main on Dunbar from Marshall to West. Project done with City.		\$ 300,678	\$ 244,561	11	Leonard Miller	July 2019
Moreland - Riverview to Delafield	M00533	Replace 3,120 feet of 8-inch cast iron water main from 1958 with 12" water main on Moreland from Riverview to Delefield. Project done with City.		\$ 694,370	\$ 689,419	2	Eric Payne	September 2019
Summit - Greenmeadow to Grandview	M00537	Replace 1,780 feet of 8-inch cast iron from 1957 with 16-inch ductile iron water main on Summit from Greenmeadow to Grandview. Project done with City.	\$ 689,093	\$ 715,783	4	Joe Pieper	October 2019	
Aurora - Main St to National Ave.	M00538	Replace 500 feet of 6-inch Phipps from 1929 with 8-inch PVC on Aurora from Main Street to National. Project done with City.	\$ 247,500	\$ 231,139	3	Cassie Rodriguez	November 2019	
Oakmont to Pebble Valley Zone	TBD	Extend 12" water main through easement connecting Pebble Valley and Oakmont.	\$ -	\$ -	14	Rick Lemke	Project Moved to 2020	
Routine Projects			\$ 3,045,649	\$ 2,850,808	\$ 2,780,898			
Misc Routine			\$ 936,516	\$ 936,516	\$ 936,516			
Total Routine			\$ 3,982,165	\$ 3,787,324	\$ 3,717,414			
Main St - Lombardi to Manhattan	GLCD0011	Replace 4,300 feet of 6-inch cast iron from 1911 with 24-inch ductile iron main. Project being done with City sanitary.		\$ 2,997,365	\$ 2,469,576	3	Cassie Rodriguez	November 2019
Distribution System Improvements			\$ 3,244,865	\$ 2,997,365	\$ 2,469,576			
Total Transmission & Distribution			\$ 7,227,030	\$ 6,784,689	\$ 6,186,990			

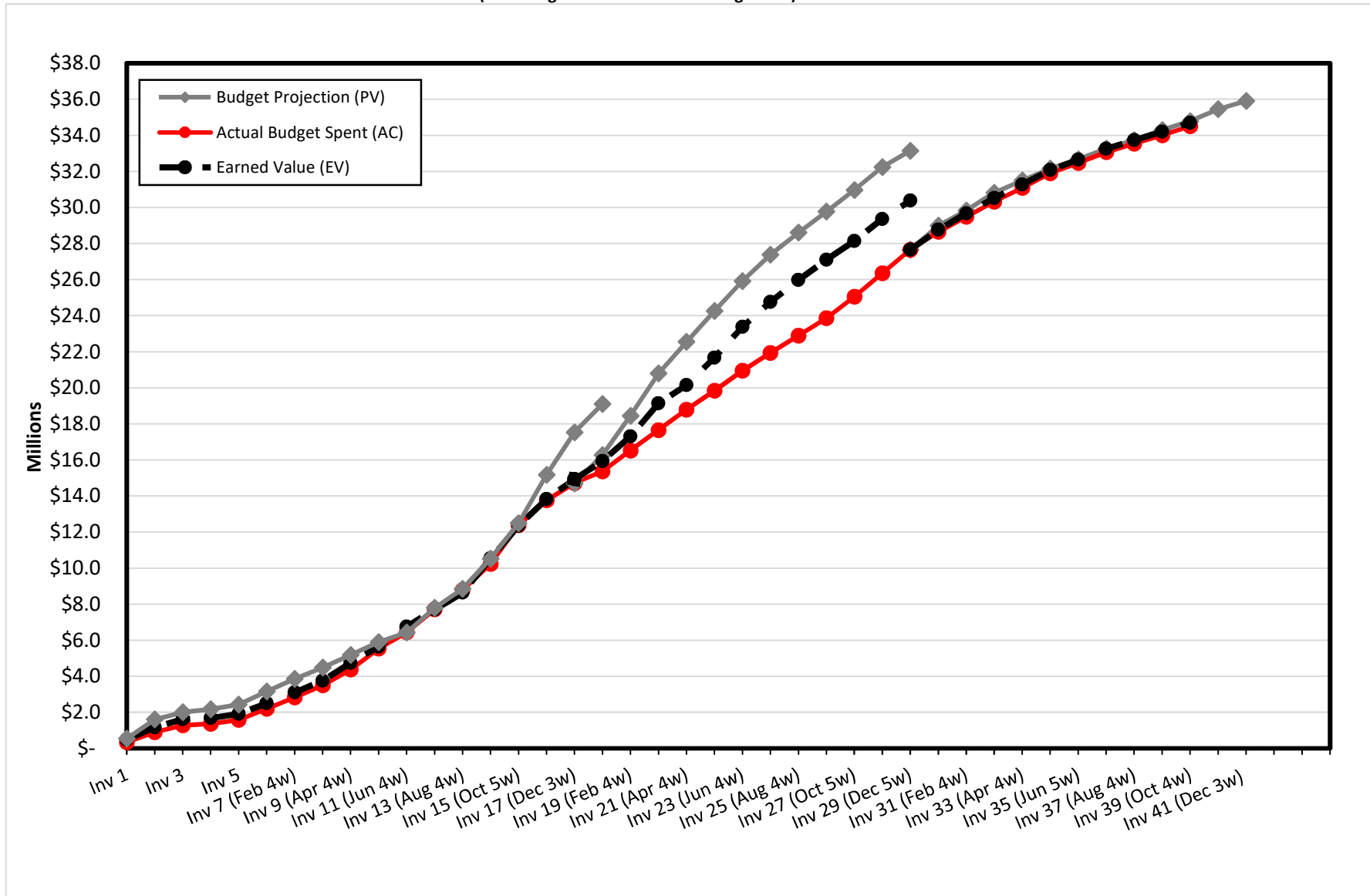
**Bold Totals are Based on Bids**



## **Exhibit 5 – Earned Value Analysis**



**Great Lakes Water Supply Program PM/CM  
Program  
Earned Value Chart  
Phase 1 and 2 (Invoice No. 39)  
(Excluding Allowances and Contingencies)**



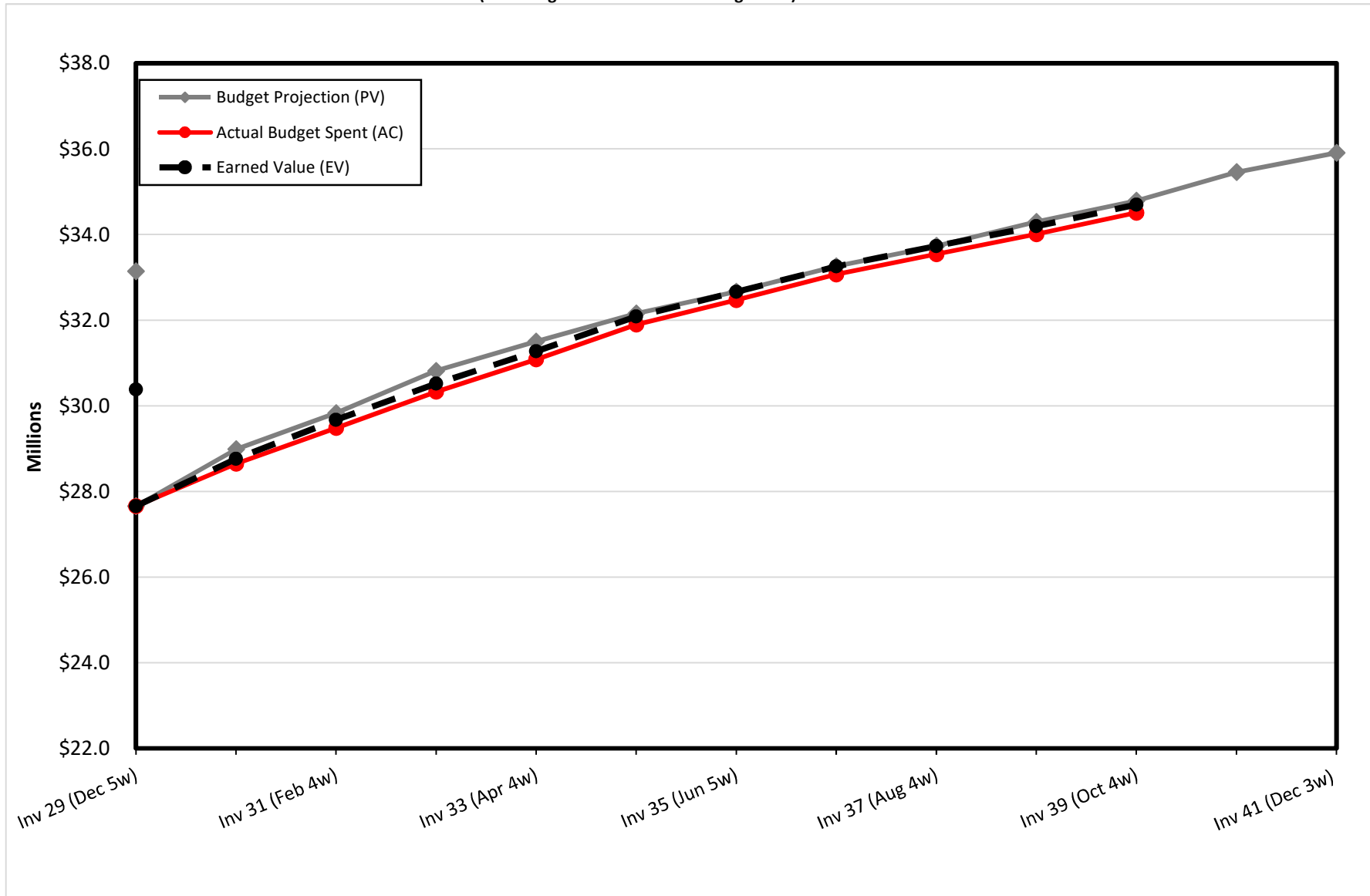
**% Spent 96.4%**  
**Actual Budget Spent \$34,508,816**

**Schedule Performance Index (SPI) 1.00**  
**Cost Performance Index (CPI) 1.01**

*Note: Budget associated with Task 3-300, 5-200 and 5-300 water quality scope has been removed.*



Great Lakes Water Supply Program PM/CM  
Program  
Earned Value Chart  
Phase 1 and 2 (Invoice No. 39)  
(Excluding Allowances and Contingencies)

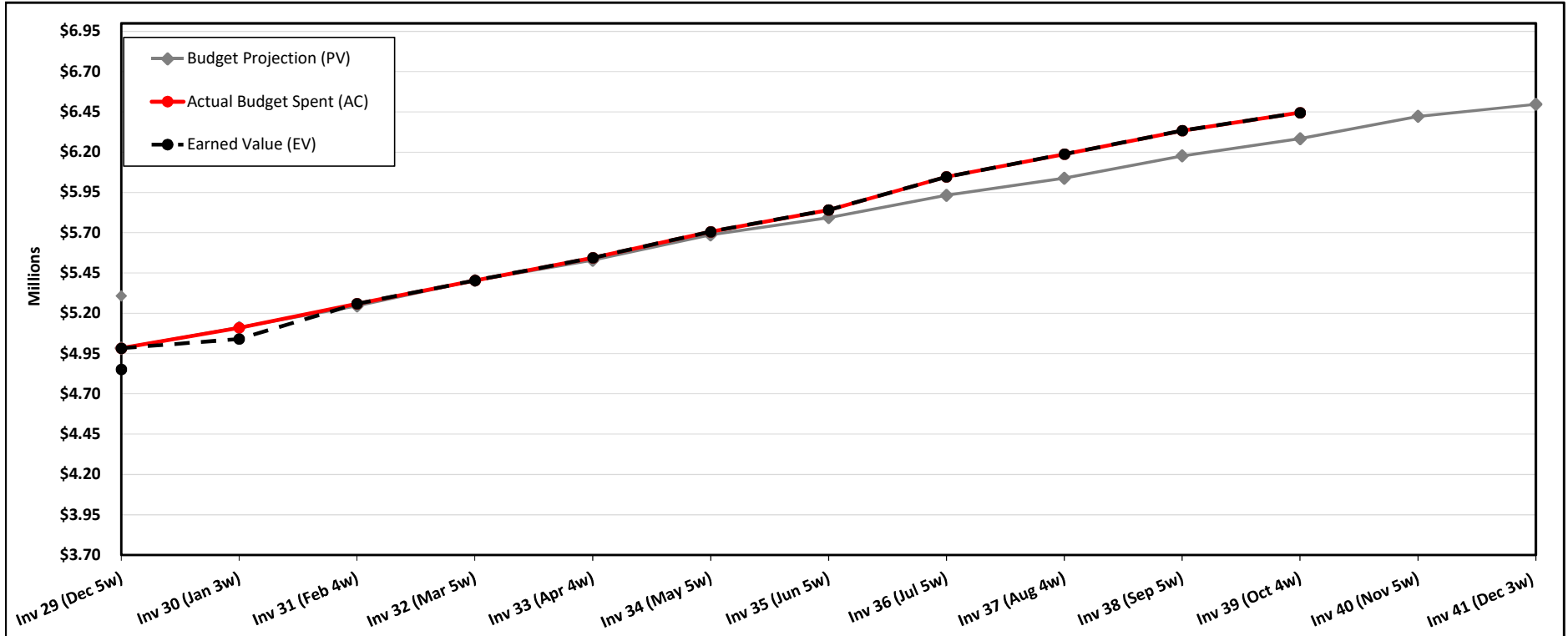


**% Spent 96.4%**  
**Actual Budget Spent \$34,508,816**

**Schedule Performance Index (SPI) 1.00**  
**Cost Performance Index (CPI) 1.01**

*Note: Budget associated with Task 3-300, 5-200 and 5-300 water quality scope has been removed.*

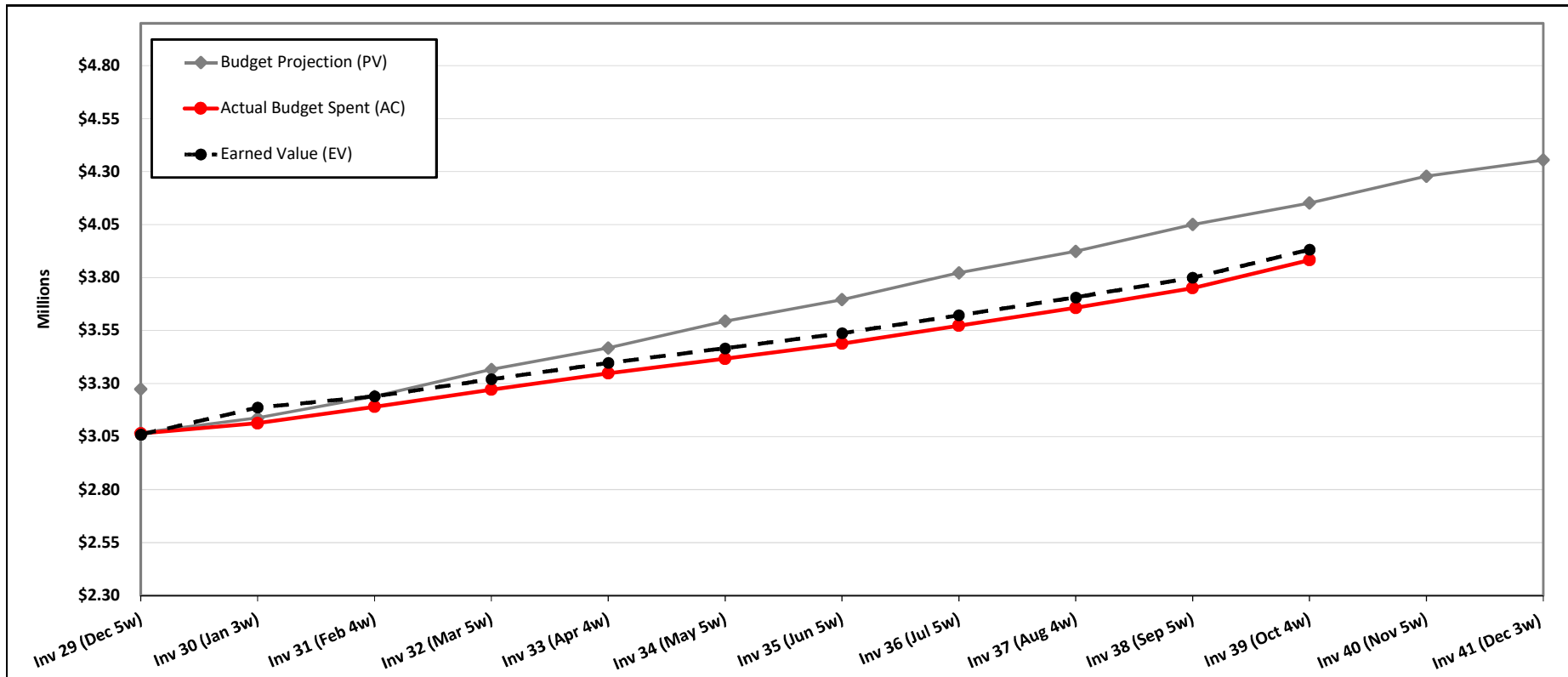




Earned Value Calculations	
Budget at Completion <sup>(BAC)(1)</sup> (BAC)	\$ 6,497,482
Estimate to Complete <sup>(ETC1)</sup> (ETC1=EAC1-AC)	\$ 51,813
Cost Variance <sup>(CV)</sup> (CV=EV-AC)	\$ -
Schedule Variance <sup>(SV)</sup> (SV=EV-PV)	\$ 161,716
Cost Performance Index <sup>(CPI)</sup> (CPI=EV/AC)	1.00
Schedule Performance Index <sup>(SPI)</sup> (SPI=EV/PV)	1.03
Cost /Schedule Index <sup>(CSI)</sup> (CSI=CPI x SPI)	1.03
Estimate at Completion <sup>(EAC1)</sup> (EAC1=BAC/CPI)	\$ 6,497,482.26
Variance at Completion <sup>(VAC1)</sup> (VAC1=BAC-EAC1)	\$ -

Task 1	Program Management Plan/Progress
	<ul style="list-style-type: none"> <li>Prepared and submitted Invoice No. 38; updated the Financial Management Dashboard and Report for Invoice No. 38.</li> <li>Held twelve (12) Program Team meetings.</li> <li>Updated Program schedule and Risk Register.</li> <li>Support has been provided for permitting of the BPS Site in the City of New Berlin.</li> <li>Drafted Rebuttal Testimony for the PSC CA Application intervention..</li> <li>Submitted response to discovery requests Nos. 2 and 3 from Wholesale Customer Groups.</li> <li>Began drafting response to PSC data request - Wischhoff No. 1.</li> </ul>

Task 1	Program Management Challenges
	<ul style="list-style-type: none"> <li>The second phase of the Water Infrastructure Finance and Innovation Act (WIFIA) loan approval process will need to be completed in order to secure low interest funding for the Program.</li> <li>A draft MWW PSC CA application has been submitted to PSC. If there is an intervention on this application as well, it may affect the supplier agreement and/or contract package 2.</li> <li>Plan Commission Approval for the BPS and Storage Facilities in New Berlin has required more effort than anticipated.</li> </ul>



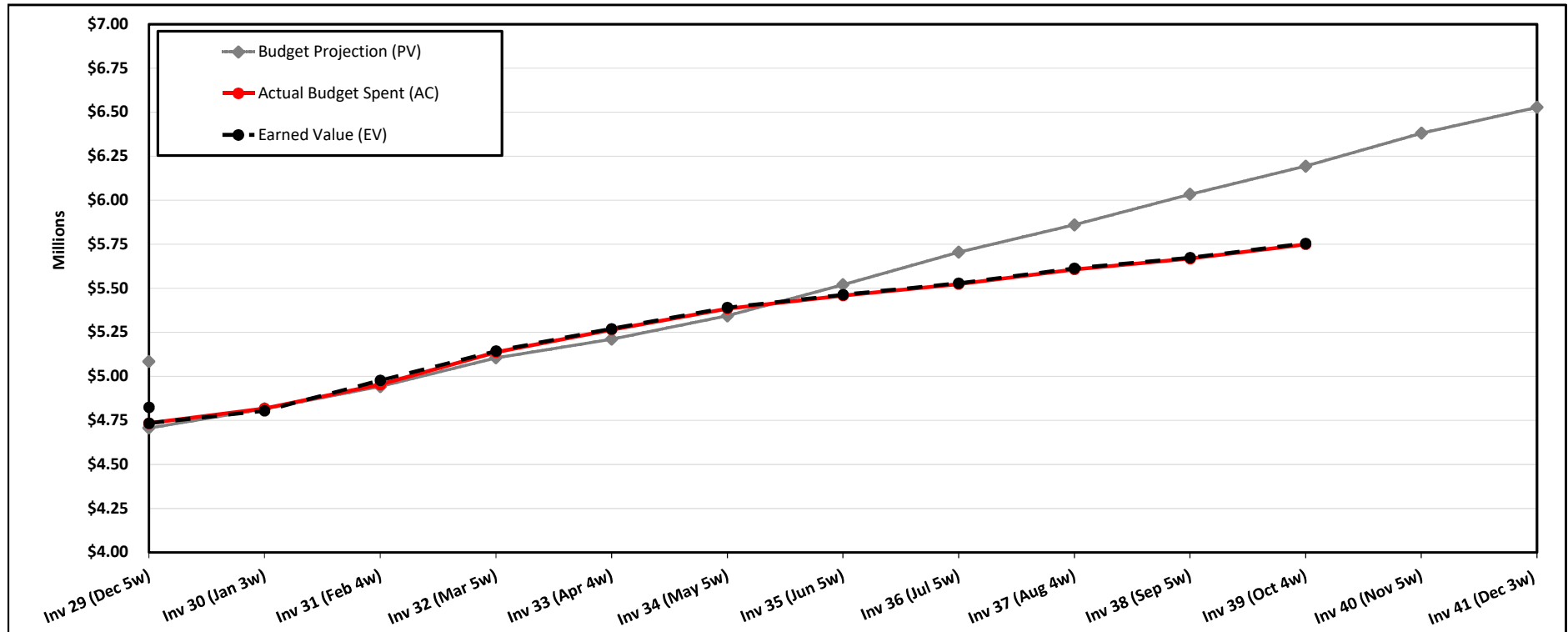
Earned Value Calculations	
Budget at completion <sup>(BAC)</sup> (BAC)	\$ 4,358,630
Estimate to Complete <sup>(ETC1)</sup> (ETC1=EAC1-AC)	\$ 421,366
Cost Variance <sup>(CV)</sup> (CV=EV-AC)	\$ 48,858
Schedule Variance <sup>(SV)</sup> (SV=EV-PV)	\$ (220,224)
Cost Performance Index <sup>(CPI)</sup> (CPI=EV/AC)	1.01
Schedule Performance Index <sup>(SPI)</sup> (SPI=EV/PV)	0.95
Cost /Schedule Index <sup>(CSI)</sup> (CSI=CPI x SPI)	0.96
Estimate at Completion <sup>(EAC1)</sup> (EAC1=BAC/CPI)	\$ 4,304,470.63
Variance at Completion <sup>(VAC1)</sup> (VAC1=BAC-EAC1)	\$ 54,159.74

#### Task 2 Programmatic Support Services Plan/Progress

- Assisted with responding to BPS issues.
- Finalized October E-Newsletter.
- Presented Interactive Route Map template to the PSS Meeting Attendees.
- Developed creative materials for the Top Water Users meeting.
- Task 2 effort is expected to increase in summer and fall 2019 during permit public comment periods and local municipality open houses.

#### Task 2 Programmatic Support Services Challenges

- Negative public perception of the Booster Pumping Station site has affected the New Berlin Plan Commission approval regarding amending the Future Land Use Map within the City's Comprehensive Plan and rezoning of the Booster Pumping Station. and has required additional PSS support.



Note: The Task 3 amount for Invoice 5 was reported incorrectly in the previous version of this Report. The correct cumulative amount is \$263.96 lower.  
The Task 3 Budget at completion amount was revised to reflect Task Authorizations and contract amendments

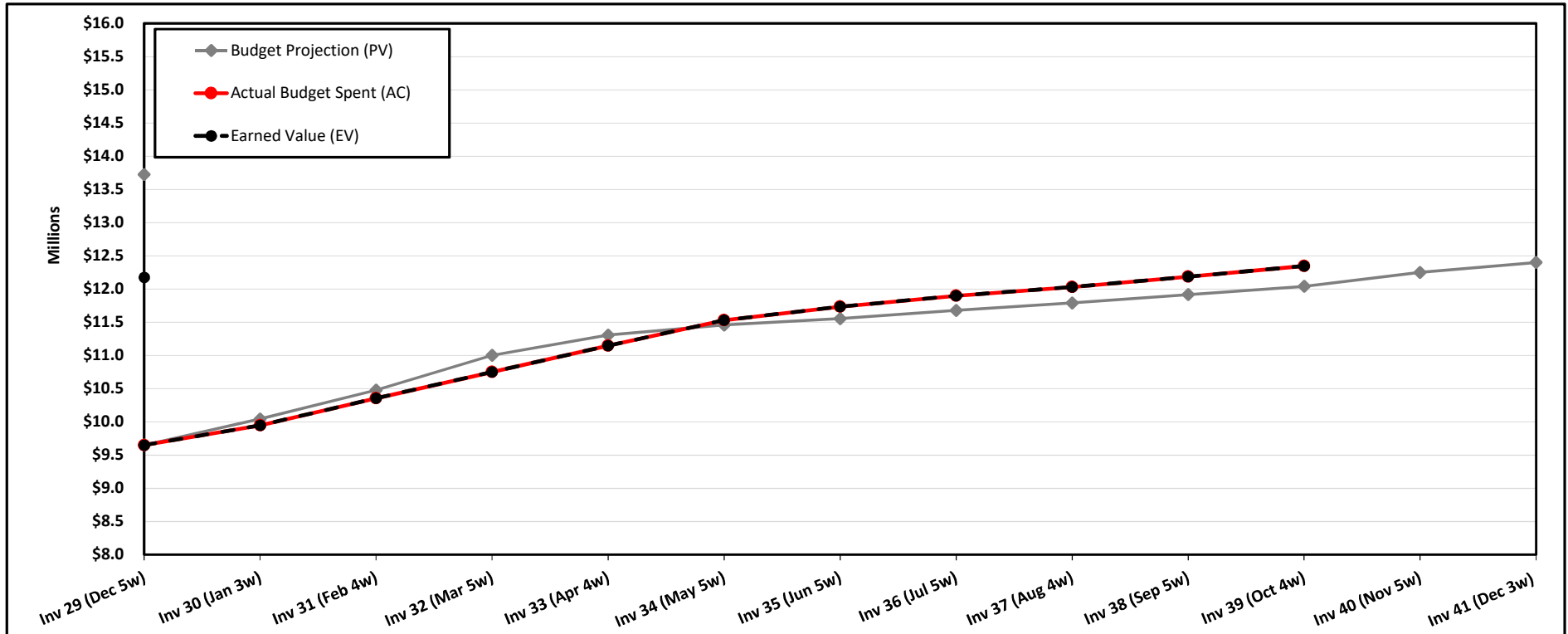
Earned Value Calculations	
Budget at completion <sup>(BAC)(1)</sup> (BAC)	\$ 6,527,842
Estimate to Complete <sup>(ETC1)</sup> (ETC1=EAC1-AC)	\$ 771,588
Cost Variance <sup>(CV)</sup> (CV=EV-AC)	\$ 5,515
Schedule Variance <sup>(SV)</sup> (SV=EV-PV)	\$ (438,137)
Cost Performance Index <sup>(CPI)</sup> (CPI=EV/AC)	1.00
Schedule Performance Index <sup>(SPI)</sup> (SPI=EV/PV)	0.93
Cost /Schedule Index <sup>(CSI)</sup> (CSI=CPI x SPI)	0.93
Estimate at Completion <sup>(EAC1)</sup> (EAC1=BAC/CPI)	\$ 6,521,586.89
Variance at Completion <sup>(VAC1)</sup> (VAC1=BAC-EAC1)	\$ 6,254.62

#### Task 3 Permitting Plan/Progress

- Coordinate THPO and USACE meeting to discuss Potawatomi Tribe construction monitoring request.
- Continued coordination with WDNR for WPDES permit issuance.
- Submitted the updated Phase II Environmental Site Assessment (ESA) for Site 20.33 based on comments received from WDNR.
- Continued assisting WWU, CWP and the City of Milwaukee with the mercury sampling program as part of the WPDES permit.

#### Task 3 Permitting Challenges

- Extended agency review timelines may delay bidding.



Note: The Task 4 Budget at completion amount was revised to reflect Task Authorizations and contract amendments

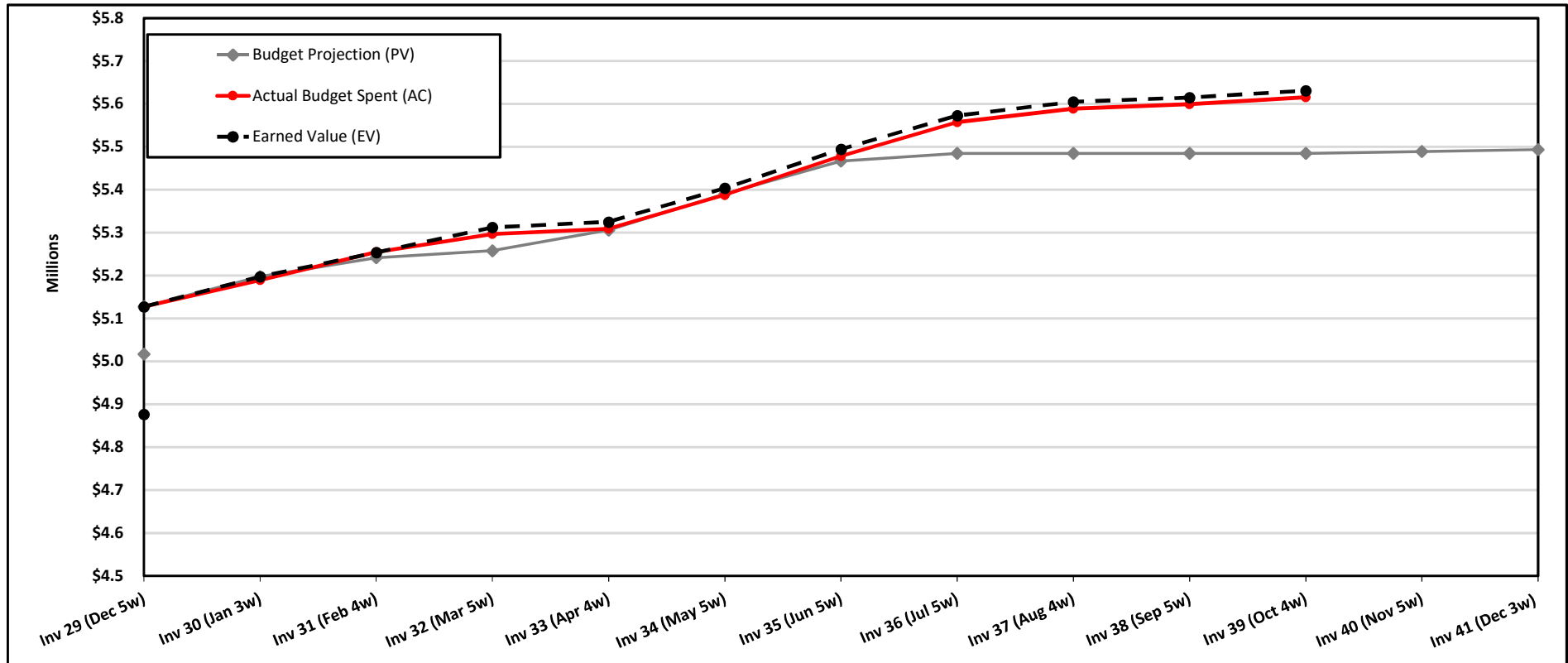
Earned Value Calculations	
Budget at completion <sup>(BAC)</sup> (BAC)	\$ 12,399,716
Estimate to Complete <sup>(ETC1)</sup> (ETC1=EAC1-AC)	\$ 52,397
Cost Variance <sup>(CV)</sup> (CV=EV-AC)	\$ -
Schedule Variance <sup>(SV)</sup> (SV=EV-PV)	\$ 307,199
Cost Performance Index <sup>(CPI)</sup> (CPI=EV/AC)	1.00
Schedule Performance Index <sup>(SPI)</sup> (SPI=EV/PV)	1.03
Cost /Schedule Index <sup>(CSI)</sup> (CSI=CPI x SPI)	1.03
Estimate at Completion <sup>(EAC1)</sup> (EAC1=BAC/CPI)	\$ 12,399,715.84
Variance at Completion <sup>(VAC1)</sup> (VAC1=BAC-EAC1)	\$ -

#### Task 4 Route Study and Pipeline Plan/Progress

- Permit Review Contract Documents for Contract Packages 5 and 6 were submitted to WDNR.
- Waiting on confirmation for final BPS Site location before continuing Permit Review Contract Documents for Contract Package 2.
- Geotechnical reports for Contract Packages 5 and 6 were submitted for Task Lead Review.
- One additional geotechnical boring was completed for Contract Package 5.
- Submitted final 4-220 D11 Geotechnical Report, Contract Package 6, Return Flow Pipeline Stations 3000+00 to 4000+00.
- Continued responding to comments from authorities having jurisdiction on traffic and restoration.

#### Task 4 Route Study and Pipeline Challenges

- The acquisition process for currently identified easements is in progress. Additional easements will impact the Program schedule.



Earned Value Calculations	
Budget at completion <sup>(BAC)(1)</sup> (BAC)	\$ 5,493,644
Estimate to Complete <sup>(ETC1)</sup> (ETC1=EAC1-AC)	\$ (137,186)
Cost Variance <sup>(CV)</sup> (CV=EV-AC)	\$ 15,583
Schedule Variance <sup>(SV)</sup> (SV=EV-PV)	\$ 146,454
Cost Performance Index <sup>(CPI)</sup> (CPI=EV/AC)	1.00
Schedule Performance Index <sup>(SPI)</sup> (SPI=EV/PV)	1.03
Cost /Schedule Index <sup>(CSI)</sup> (CSI=CPI x SPI)	1.03
Estimate at Completion <sup>(EAC1)</sup> (EAC1=BAC/CPI)	\$ 5,478,441.40
Variance at Completion <sup>(VAC1)</sup> (VAC1=BAC-EAC1)	\$ 15,202.44

#### Task 6 Pump Stations, Storage and Chemical Treatment Plan/Progress

- Waiting on confirmation for final BPS Site location before continuing with design.
- Continued coordination with MWW on the design for the Oklahoma Pumping Station, formerly called the WSPS.

#### Task 6 Pump Stations, Storage and Chemical Treatment Challenges

- City of New Berlin denied amending the Future Land Use Map within the City's Comprehensive Plan and rezoning of the Booster Pumping Station. New conditional use approval has been submitted to the City of New Berlin. Public hearing occurred on November 4, 2019 and voting is scheduled for December, 2019. A contract amendment would be required to redesign the site to meet the conditional use permit requirements. If conditional use approval is denied, the Program Team will have to decide if they will pursue going to court or finding a new BPS site.