

**Waukesha Water Utility
Revenue Analysis
November 2020**

	CURRENT MONTH				YEAR TO DATE			
	ACTUAL'20	BUDGET'20	VARIANCE	%	ACTUAL'20	BUDGET'20	VARIANCE	%
OPERATING REVENUES:								
Total Metered Sales	\$662,154	\$788,782	(\$126,628)	(16.05)	\$7,865,461	\$8,810,978	(\$945,517)	(10.73)
Private Fire Capacity	\$23,105	\$26,931	(\$3,826)	(14.21)	\$240,654	\$267,908	(\$27,254)	(10.17)
Public Fire Capacity	\$158,044	\$186,085	(\$28,042)	(15.07)	\$1,948,888	\$2,166,554	(\$217,666)	(10.05)
Other Operating Revenues	\$74,041	\$127,877	(\$53,836)	(42.10)	\$344,501	\$483,341	(\$138,840)	(28.73)
TOTAL OPERATING REVENUES	\$917,344	\$1,129,676	(\$212,332)	(18.80)	\$10,399,503	\$11,728,782	(\$1,329,279)	(11.33)
Est. Rev. Impact due to Rate Case Delay:								
Metered Sales			(\$131,291)				(\$990,785)	
Public/Private Fire			(\$35,503)				(\$270,134)	
Late Fees			(\$993)				(\$8,937)	
			(\$167,787)				(\$1,269,856)	
Est. Rev. Impact due to COVID/Consumption Changes:								
Metered Sales			\$4,663				\$45,267	
Late Fees			\$0				(\$63,882)	
			\$4,663				(\$18,615)	
Other Revenue Impacts			(\$49,208)				(\$40,808)	
Total Revenue Budget Variance			(\$212,332)				(\$1,329,279)	

**Waukesha Water Utility
Consumption Analysis
November 2020**

Customer Type	Sept 2020	Sept 2020	Over / (Under)		2020 YTD	2020 YTD	Over / (Under)	
	Gallons Billed	Gallons Budget			Gallons Billed	Gallons Budget		
Res - Single	51,379,700	46,508,056	4,871,644	10.5%	701,989,600	650,938,148	51,051,452	7.8%
Res - Duplex	8,614,200	8,321,082	293,118	3.5%	100,562,100	96,704,146	3,857,954	4.0%
Res - Triplex	781,200	839,664	(58,464)	-7.0%	7,925,500	7,102,648	822,852	11.6%
Res - Total	60,775,100	55,668,802	5,106,298	9.2%	810,477,200	754,744,942	55,732,258	7.4%
Commercial	30,763,800	31,495,632	(731,832)	-2.3%	277,558,900	305,947,376	(28,388,476)	-9.3%
Multi-Family	34,060,600	32,881,450	1,179,150	3.6%	335,255,000	325,693,984	9,561,016	2.9%
Industrial	11,761,900	18,156,950	(6,395,050)	-35.2%	150,171,900	187,753,986	(37,582,086)	-20.0%
Public	3,053,100	3,523,688	(470,588)	-13.4%	44,493,750	59,120,068	(14,626,318)	-24.7%
Irrigation	166,400	38,100	128,300	336.7%	3,043,200	3,698,801	(655,601)	-17.7%
	140,580,900	141,764,622	(1,183,722)	-0.8%	1,620,999,950	1,636,959,157	(15,959,207)	-1.0%

**Waukesha Water Utility
Expense Analysis
November 2020**

	CURRENT MONTH				YEAR TO DATE				
	ACTUAL'20	BUDGET'20	VARIANCE	%	ACTUAL'20	BUDGET'20	VARIANCE	%	
OPERATING EXPENSES:									
Source	\$50,627.40	\$12,887.95	\$37,739.45	292.83	1	\$554,498.80	\$223,584.93	\$330,913.87	148.00
Pumping	57,309.31	76,733.32	(19,424.01)	(25.31)	2	766,141.18	897,443.71	(131,302.53)	(14.63)
Treatment	17,125.96	25,640.22	(8,514.26)	(33.21)	3	390,987.75	457,210.78	(66,223.03)	(14.48)
Distribution	255,659.85	358,950.61	(103,290.76)	(28.78)	4	929,599.25	1,313,537.38	(383,938.13)	(29.23)
Customer Service	40,822.90	16,373.90	24,449.00	149.32	5	159,511.80	183,966.65	(24,454.85)	(13.29)
Administrative	121,659.69	127,642.90	(5,983.21)	(4.69)		1,347,287.66	1,517,464.59	(170,176.93)	(11.21)
Total	\$543,205.11	\$618,228.90	(75,023.79)	(12.14)		\$4,148,026.44	\$4,593,208.04	(445,181.60)	(9.69)
MANAGERS' MARGIN	374,138.82	511,446.96	(137,308.14)	(26.85)		6,251,476.91	7,135,573.86	(\$884,096.95)	(12.39)
Depreciation	172,117.52	171,586.12	531.40	0.31		1,891,534.38	1,887,447.32	4,087.06	0.22
Tax Equivalent	165,492.65	165,492.65	0.00	0.00		1,820,419.15	1,820,419.15	0.00	0.00
Other Taxes	9,241.76	11,553.22	(2,311.46)	(20.01)		130,029.85	152,657.15	(22,627.30)	(14.82)
TOTAL OPERATING EXPENSES	\$890,057.04	\$966,860.89	(\$76,803.85)	(7.94)		\$7,990,009.82	\$8,453,731.66	(\$463,721.84)	(5.49)
TOTAL OPERATING INCOME(LOSS)	27,286.89	162,814.97	(135,528.08)	(83.24)		2,409,493.53	3,275,050.24	(865,556.71)	(26.43)
NON OPERATING INCOME&(EXPENSE)	95,482.93	99,062.56	(3,579.63)	(3.61)		(2,036,145.92)	(2,262,483.45)	226,337.53	(10.00)
NET INCOME(LOSS)	\$122,769.82	\$261,877.53	(\$139,107.71)	(53.12)		\$373,347.61	\$1,012,566.79	(\$639,219.18)	(63.13)

Notes

- 1 Source: Variance Relates to GL Project expense amortization approved with past rate order. Budget planned for a new rate case 3/1/2020 (\$49,291 vs. \$11,683 per month)
- 2 Pumping: Power is below budget by roughly \$11,600, with the remaining variance related to delayed maintenance projects.
- 3 Treatment: Chemical purchases were under budget by \$5,400. Cross training was budgeted in this area, with those activities being pushed to 2021.
- 4 Distribution: The Meadowbrook tower repainting project came in about \$87,000 under budget. There was one main break and one property lateral replacement completed in November. Cross connection activities have delayed due to the COVID-19 pandemic.
- 5 Customer Service: Several large multi-family toilet rebates were issued during November.

**WAUKESHA WATER UTILITY
STATEMENT OF SOURCES AND USES OF CASH
PERIOD ENDING NOVEMBER 30, 2020**

Cash Balance - October 31, 2020

\$28,770,723

SOURCES:

Operations:

Customers - water sales	\$961,112
Waste Water Utility - joint metering billing	62,450
Rent of utility property - cellular leases	13,823
Receipts on sewer bills	1,405,280
Receipts from return flow	364,348
Reimbursement from City for return flow expenses	448,116
Reimbursement from City for sewer construction costs	
Other - miscellaneous	108,292
Total Cash From Operating Activities	\$3,363,422

Capital and Related Financing Activities:

Grants	
Contributions	401
Issuance of long-term debt	
Sale of short-term debt	
Interest income	5,089
Total Cash From Capital/ Investing Activities	\$5,490

Total Cash Receipts

\$3,368,912

USES:

Salaries, wages, payroll taxes and benefits	253,772
Subcontracted and outside services	89,622
Disbursement to city for sewer transfer	1,901,240
Disbursement to city for return flow transfer	490,791
Pumping power	49,910
Purchase of materials and supplies	243,289
Tax equivalent - PILOT	
Acquisition of capital assets	2,093,188
WIFIA Fees	75,865
Debt service - principal	
Debt service - interest	

Total Cash Used

\$5,197,677

Net Change in Cash

(\$1,828,766)

Cash Balance - November 20, 2020

\$26,941,957

**WAUKESHA WATER UTILITY
BALANCE SHEET
11/30/2020**

<u>ASSETS</u>	<u>THIS YEAR</u>
CURRENT	
CASH AND INVESTMENTS	\$24,079,707.46
ACCOUNTS RECEIVABLE	6,383,609.59
RECEIVABLE FROM SEWER REIMB	1,811.83
MATERIALS & SUPPLIES	482,019.07
OTHER CURRENT ASSETS	78,147.60
ACCRUED UTILITY REVENUE	0.00
TOTAL CURRENT ASSETS	<u>\$31,025,295.55</u>
DEFERRED	
DEFERRED ASSETS	<u>\$30,406,353.19</u>
TOTAL DEFERRED DEBITS	<u>30,406,353.19</u>
RESTRICTED	
DEBT PAYMENT ACCOUNT	\$939,366.94
DEBT RESERVE ACCOUNT	10.27
CONSTRUCTION FUND	153.95
TAX EQUIV RESERVE ACCOUNT	<u>1,922,718.00</u>
TOTAL RESTRICTED FUNDS	<u>\$2,862,249.16</u>
LONG TERM	
UTILITY PLANT IN SERVICE-NET	\$95,581,970.15
PROPERTY HELD FOR FUTURE USE	435,089.69
CONSTRUCTION WORK IN PROGRESS	5,201,434.12
RESTRICTED NET PENSION	<u>(478,201.00)</u>
TOTAL UTILITY PLANT	<u>\$100,740,292.96</u>
TOTAL ASSETS	<u><u>\$165,034,190.86</u></u>
<u>LIABILITIES</u>	
CURRENT	
CUR PORTION BOND	596,661.51
NOTES PAYABLE	14,700,000.00
ACCOUNTS PAYABLE	1,045,521.04
PAYABLE TO OTHER FUNDS	3,776,002.49
CUSTOMER DEPOSITS	269,345.42
A/P MISCELLANEOUS	0.00
TAXES ACCRUED	1,854,947.38
INTEREST ACCRUED	280,016.90
EMPLOYEE WITHHOLDING	7,053.30
ACCRUED PAYROLL	0.00
ACCRUED VACATION	<u>226,840.41</u>
TOTAL CURRENT LIABILITIES	<u>\$22,756,388.45</u>
DEFERRED CREDITS	
CUSTOMER ADVANCES CONSTRUCTION	\$0.00
REGULATORY LIABILITY	589,242.78
OPEB LIABILITY	5,295,406.56
OTHER DEFERRED CREDITS	<u>3,226,302.73</u>
TOTAL DEFERRED CREDITS	<u>\$9,110,952.07</u>
LONG-TERM	
BONDS	<u>\$57,416,456.25</u>
<u>EQUITY</u>	
CAPITAL PAID IN BY MUNICIPALITY	\$2,752,750.55
EQUITY FINANCED BY UTILITY	38,193,189.32
EQUITY FROM CONTRIBUTIONS	33,735,149.61
RESTRICTED EQUITY	695,957.00
NET PROFIT (LOSS)	<u>373,347.61</u>
TOTAL EQUITY	<u>\$75,750,394.09</u>
TOTAL EQUITY AND LIABILITIES	<u><u>\$165,034,190.86</u></u>

WWU
TRANSMISSION AND DISTRIBUTION
BUDGET VARIANCE ANALYSIS

Project	Project #	Description/Location	Budget	Current Estimate	PJC Total	Aldermanic District		Construction Completion
Hartwell - Wabash to Newhall & Oxford - Hartwell to East	M00532	Replace 2600 feet of 6-inch and 8-inch cast iron water main from 1929 with 8-inch ductile iron main on Hartwell Avenue from Wabash to Newhall, and on Oxford Road from Hartwell to East. The project is being done with the City Public Works Dept.		\$ 884,592	\$ 757,284	8	Elizabeth Moltzan	October 2020
						10	Steve Johnson	
N. Barstow Street and Riverfront Plaza Utility & Street Reconstruction	M00543	Replace approximately 4300 feet of existing 8" and 12" water main from 1909 - 1957 with 12-inch ductile iron on Barstow Street from Wisconsin to North, and on Riverfront Plaza from Broadway to Barstow. The project is being done with the City Public Works Dept.		\$ 1,219,483	\$ 1,096,518	11	Leonard Miller	October 2020
Roberta Avenue and Tenny Avenue Utility & Street Reconstruction	M00545	Replace 2800 feet of 12-inch cast iron pipe from 1951 with 12-inch PVC on Tenny Avenue from Roberta to Oakwood and on Roberta from East to Tenny. The project is being done with the City Public Works Dept.		\$ 683,039	\$ 548,170	10	Steve Johnson	October 2020
Scott Avenue Water Main Improvements	M00551	Replace 6-inch cast iron from 1924 - 1950 with 8-inch PVC on Wabash, Frame, and Harrison, from Scott Avenue to their terminating cul-de-sacs. The project is being done with the City Public Works Dept.		\$ 368,625	\$ 290,722	6	Jack Wells	October 2020
Oakmont to Pebble Valley Zone	TBD	Extend 12" water main through easement connecting Pebble Valley and Oakmont.		\$ 529,997	\$ -	14	Rick Lemke	TBD
Area 1 & 2 Flood Mitigation	M00548	Water Main Offsets for Storm Sewer	Not included in Original Budget	\$ 75,000	\$ 40,678	5	Peter Bartels	October 2020
Routine Projects			\$ 4,763,476	\$ 3,760,736	\$ 2,733,372			
Misc Routine			\$ 881,799	\$ 881,799	\$ 881,799			
Total Transmission & Distribution			\$ 5,645,275	\$ 4,642,535	\$ 3,615,171			

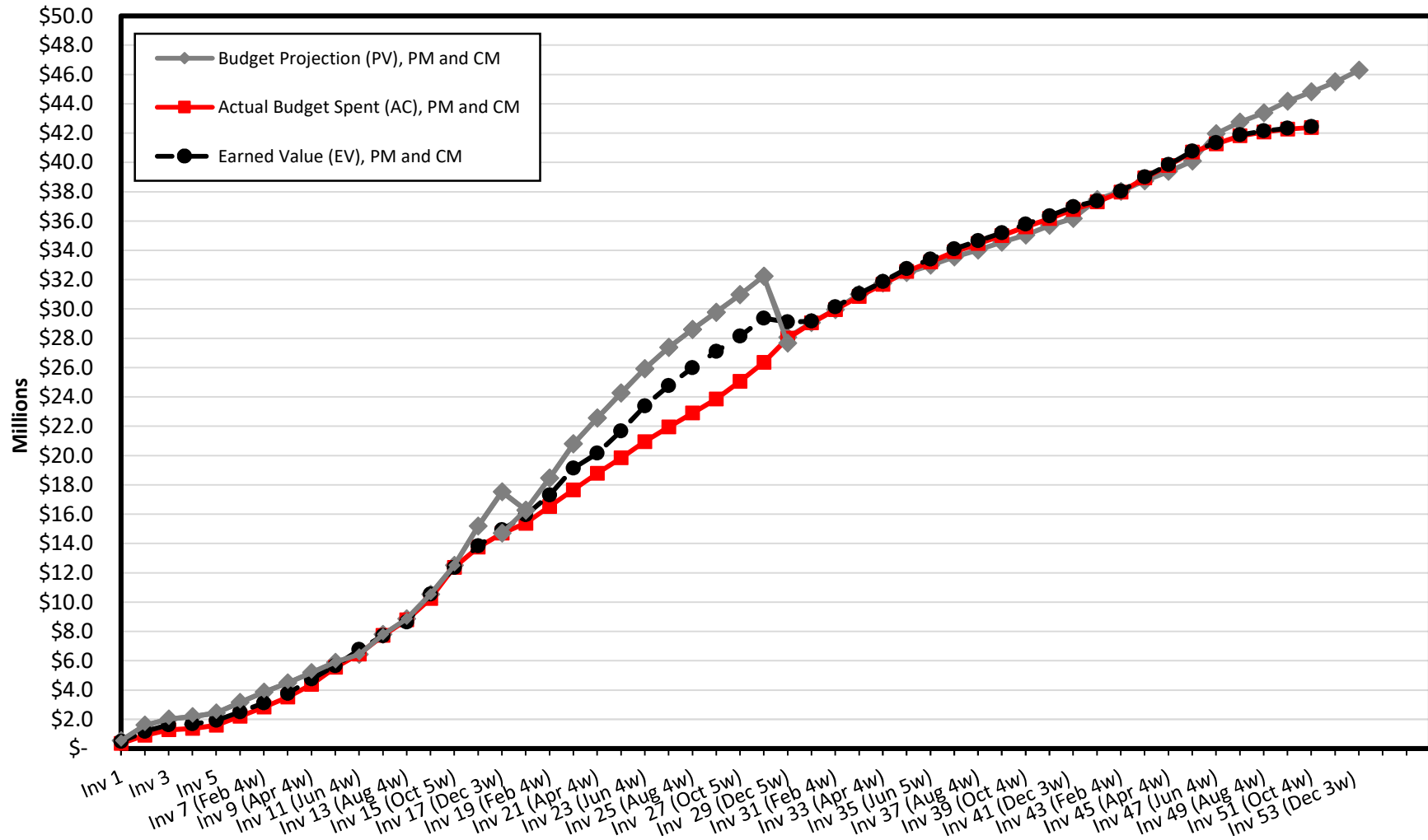
Bold Totals are Based on Bids



Exhibit 5 – Earned Value Analysis



Great Lakes Water Supply Program PM/CM
Program
Earned Value Chart
Phase 1 and 2 (Invoice No. 51)
(Excluding Allowances and Contingencies)

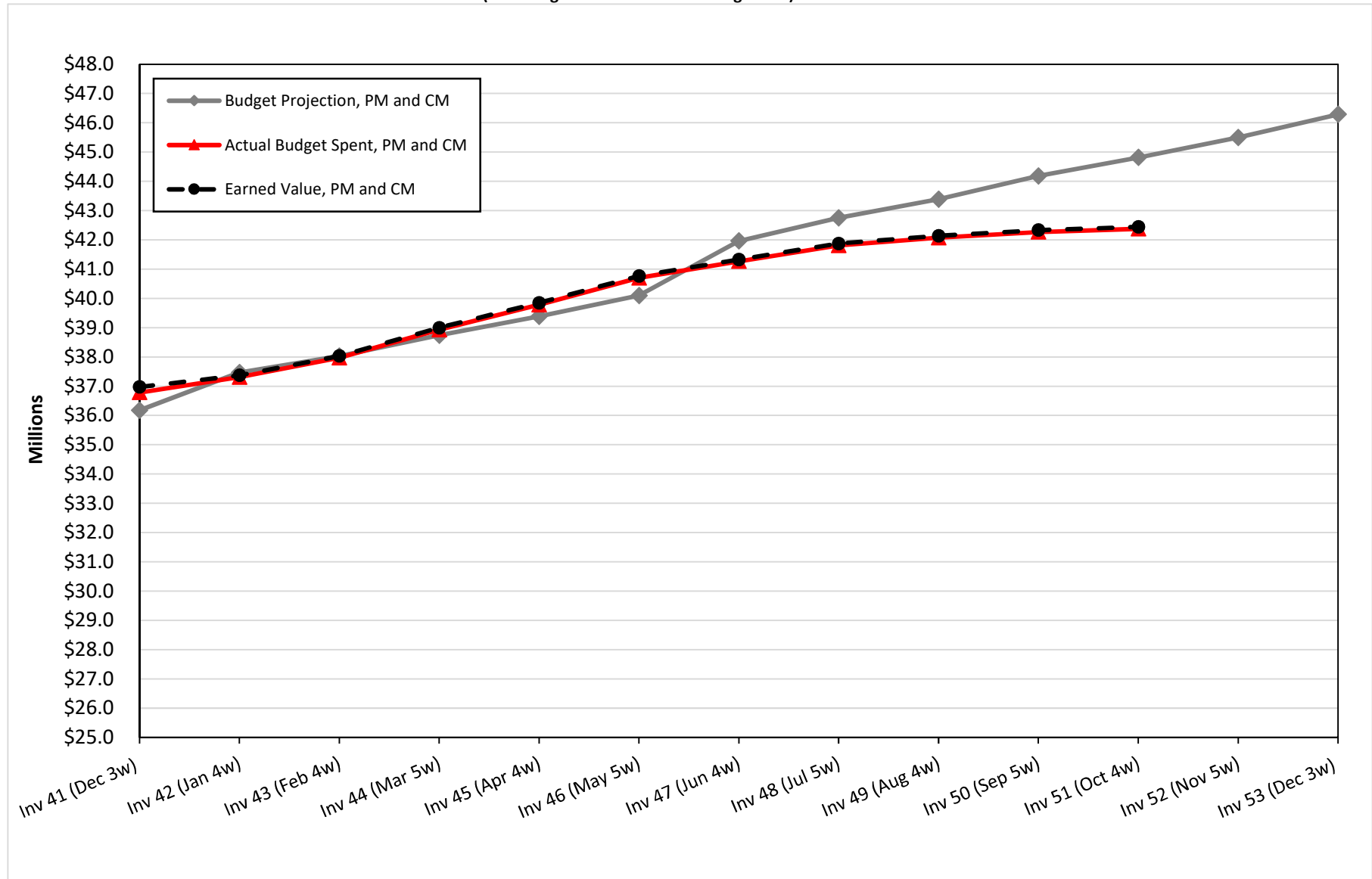


% Spent 99.1%
Actual Budget Spent \$40,301,019

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

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

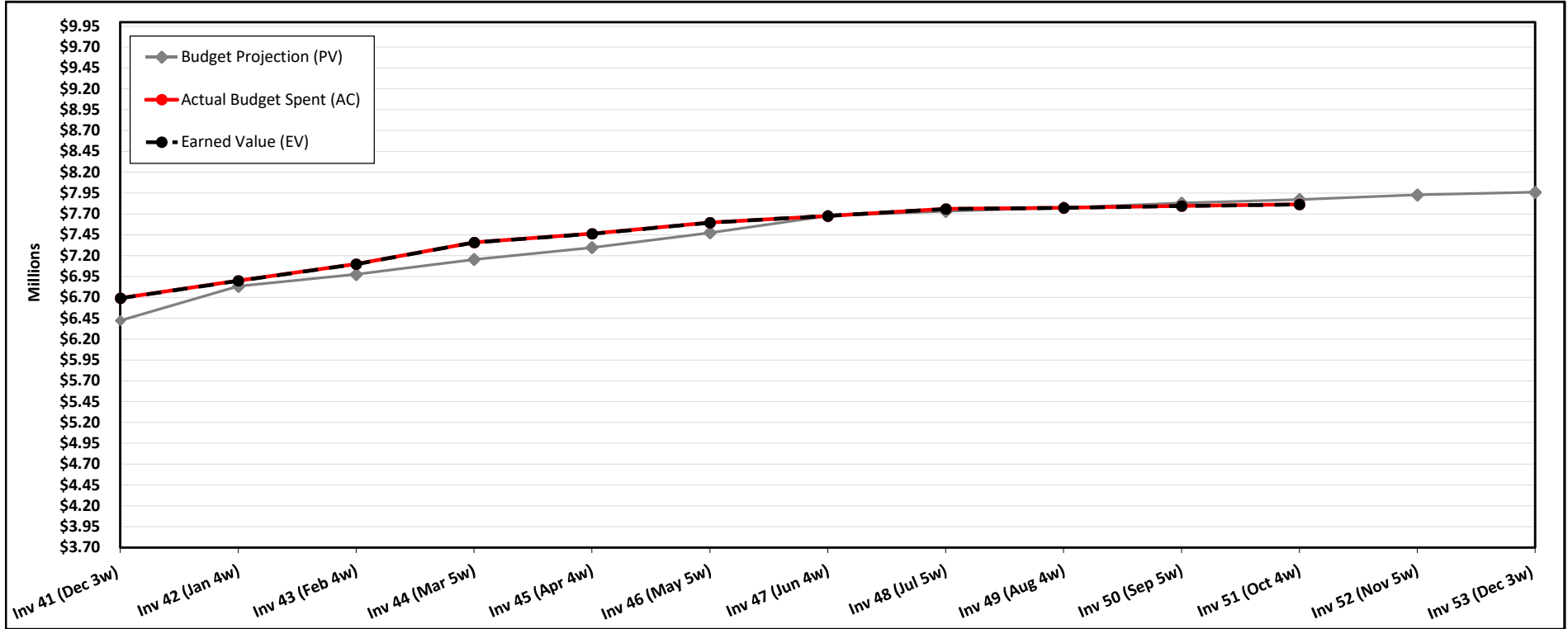
Great Lakes Water Supply Program PM/CM
Program
Phase 2 Calendar Year 2020 Earned Value Chart
Phase 1 and 2 (Invoice No. 51)
(Excluding Allowances and Contingencies)



% Spent 99.1%
Actual Budget Spent \$40,301,019

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

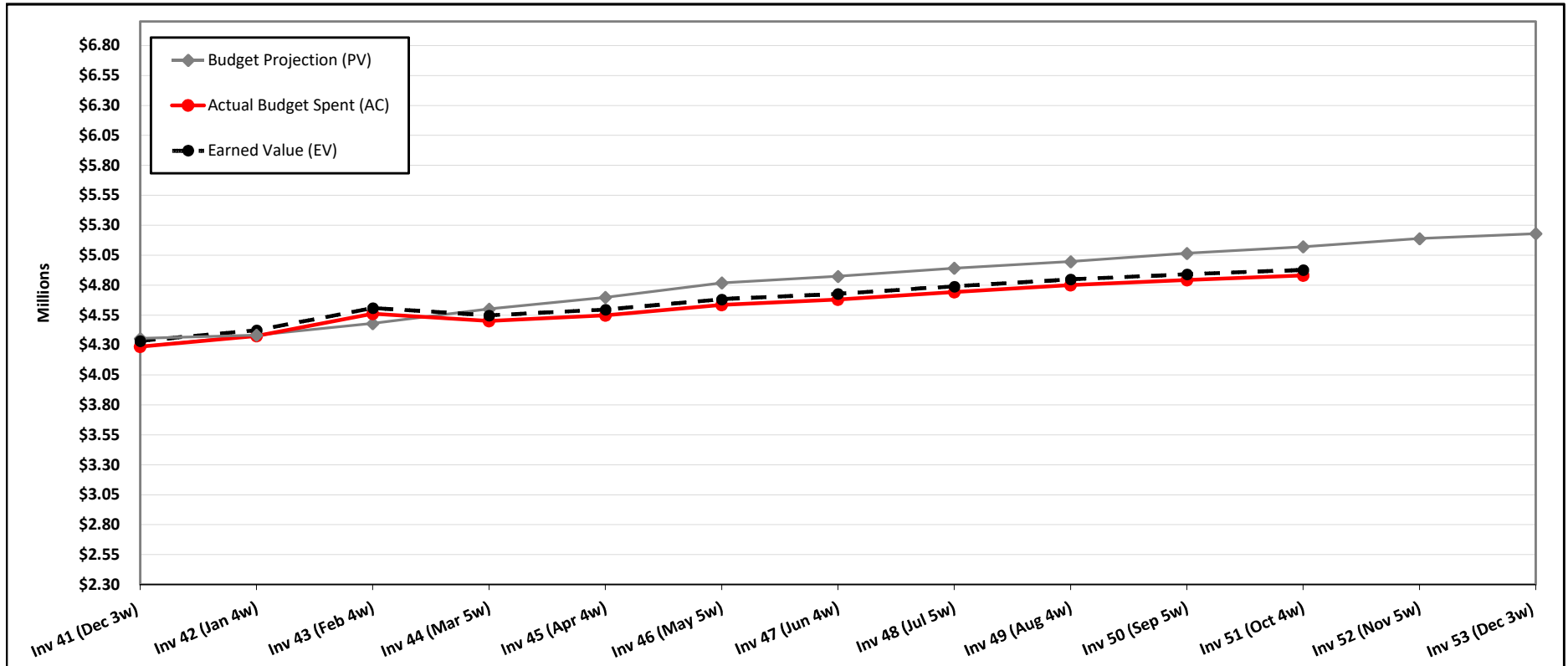
Note: Budget associated with Task 3-300, 5-200 and 5-300 water quality scope has been removed.



Earned Value Calculations	
Budget at Completion ^{(BAC)(1)} (BAC)	\$ 7,959,692
Estimate to Complete ^(ETC1) (ETC1=EAC1-AC)	\$ 144,979
Cost Variance ^(CV) (CV=EV-AC)	\$ -
Schedule Variance ^(SV) (SV=EV-PV)	\$ (58,961)
Cost Performance Index ^(CPI) (CPI=EV/AC)	1.00
Schedule Performance Index ^(SPI) (SPI=EV/PV)	0.99
Cost /Schedule Index ^(CSI) (CSI=CPI x SPI)	0.99
Estimate at Completion ^(EAC1) (EAC1=BAC/CPI)	\$ 7,959,691.98
Variance at Completion ^(VAC1) (VAC1=BAC-EAC1)	\$ -

Task 1	Program Management Plan/Progress
	<ul style="list-style-type: none"> Updated the Financial Management Dashboard and Report for Invoice No. 48.

Task 1	Program Management Challenges
	<ul style="list-style-type: none"> The PSC issued the Notice of Proceeding on the MWW PSC CA Application and several parties have intervened. The testimony and hearing schedule proposed by PSC staff shows the commissioners making a decision in early September 2020. This could delay bidding for Oklahoma Pumping Station. Plan Commission Approval for the BPS and Storage Facilities in New Berlin has required more effort than anticipated.



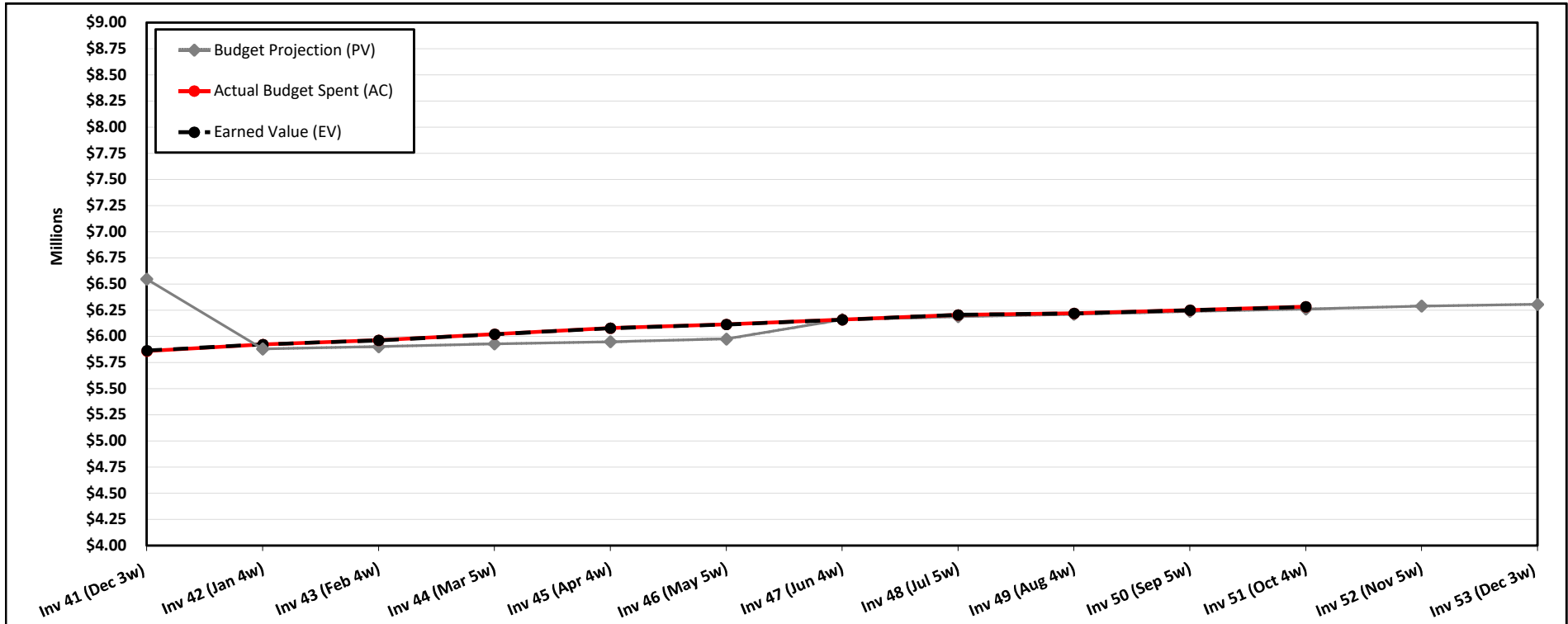
Earned Value Calculations	
Budget at completion ^(BAC) (BAC)	\$ 5,045,241
Estimate to Complete ^(ETC1) (ETC1=EAC1-AC)	\$ 115,152
Cost Variance ^(CV) (CV=EV-AC)	\$ 48,858
Schedule Variance ^(SV) (SV=EV-PV)	\$ (191,311)
Cost Performance Index ^(CPI) (CPI=EV/AC)	1.01
Schedule Performance Index ^(SPI) (SPI=EV/PV)	0.96
Cost /Schedule Index ^(CSI) (CSI=CPI x SPI)	0.97
Estimate at Completion ^(EAC1) (EAC1=BAC/CPI)	\$ 4,995,230.22
Variance at Completion ^(VAC1) (VAC1=BAC-EAC1)	\$ 50,010.90

Task 2 Programmatic Support Services Plan/Progress

- Continued to manage the Stakeholder Database to better communicate with key constituents along the route.
- Developed and implemented website content for the CP5 Virtual Open House including sign up information and the recording of the presentation following the Open House.
- Continued implementation of strategy for updated Press/Information Kits. The Press/Information Kits will give local officials and media contacts the educational information that they need to communicate effectively to their constituents and the general public about the Program.

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

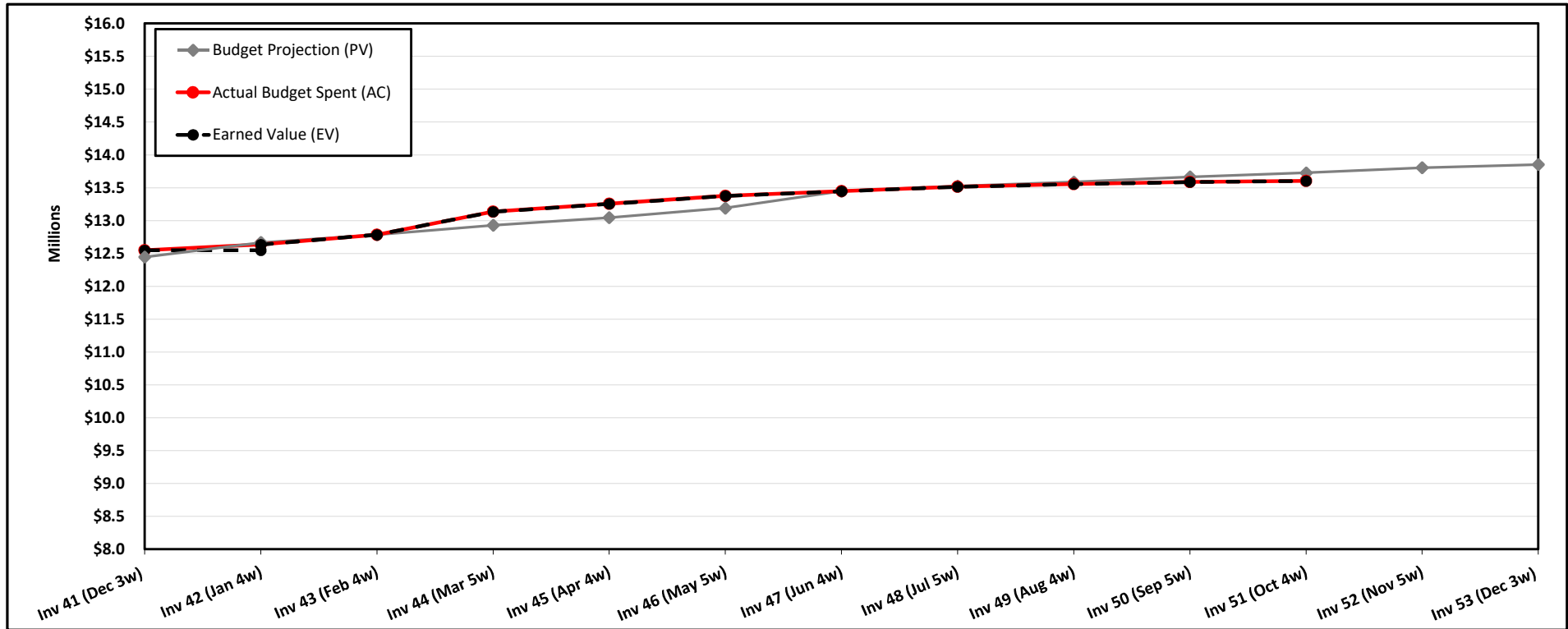
Earned Value Calculations	
Budget at completion ^{(BAC)(1)} (BAC)	\$ 6,311,914
Estimate to Complete ^(ETC1) (ETC1=EAC1-AC)	\$ 28,523
Cost Variance ^(CV) (CV=EV-AC)	\$ -
Schedule Variance ^(SV) (SV=EV-PV)	\$ 21,851
Cost Performance Index ^(CPI) (CPI=EV/AC)	1.00
Schedule Performance Index ^(SPI) (SPI=EV/PV)	1.00
Cost /Schedule Index ^(CSI) (CSI=CPI x SPI)	1.00
Estimate at Completion ^(EAC1) (EAC1=BAC/CPI)	\$ 6,311,913.56
Variance at Completion ^(VAC1) (VAC1=BAC-EAC1)	\$ -

Task 3 Permitting Plan/Progress

- Continued to work on Diversion document and responding to WDNR comments.
- Continuing to work on habitat and fish sampling logistics.
- Continued conversations with WDNR regarding Root River Monitoring Plan.
- Continued chloride reduction program.
- Continued mercury sampling.

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

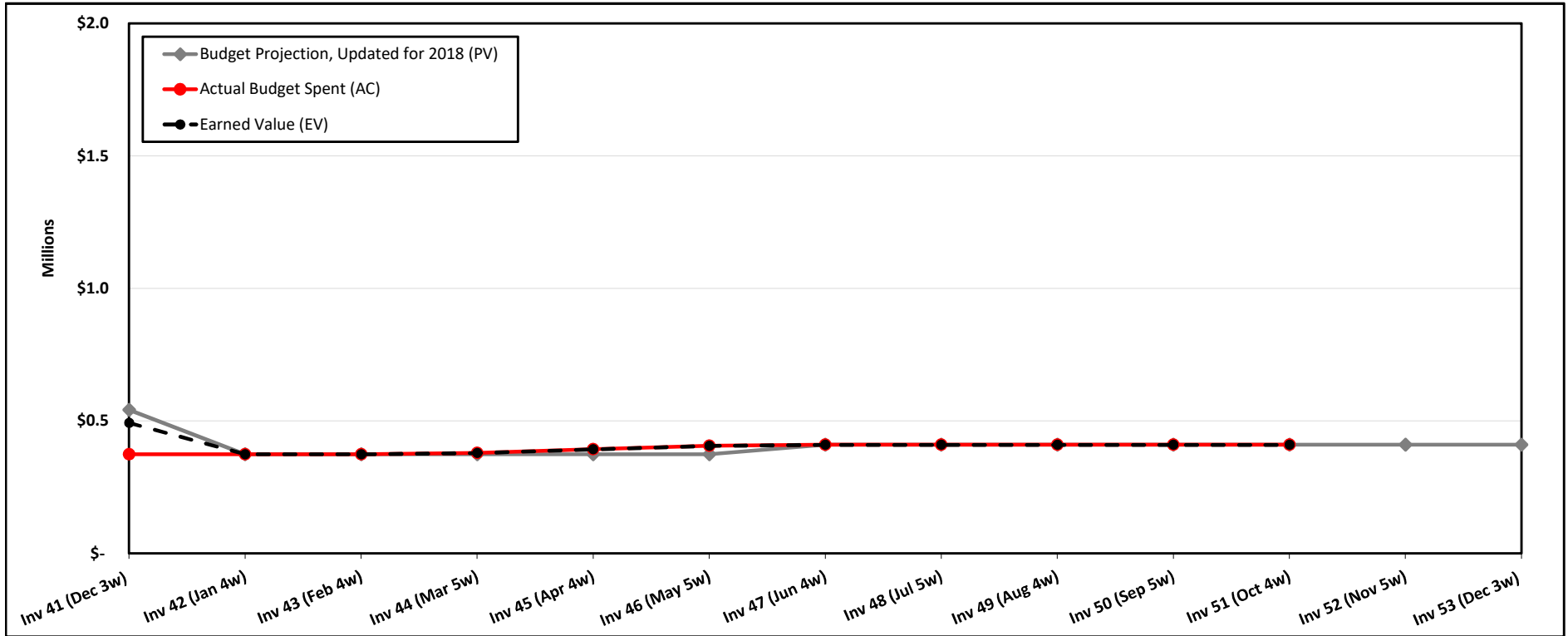
Earned Value Calculations	
Budget at completion ^(BAC) (BAC)	\$ 13,847,727
Estimate to Complete ^(ETC1) (ETC1=EAC1-AC)	\$ 242,801
Cost Variance ^(CV) (CV=EV-AC)	\$ -
Schedule Variance ^(SV) (SV=EV-PV)	\$ (123,297)
Cost Performance Index ^(CPI) (CPI=EV/AC)	1.00
Schedule Performance Index ^(SPI) (SPI=EV/PV)	0.99
Cost /Schedule Index ^(CSI) (CSI=CPI x SPI)	0.99
Estimate at Completion ^(EAC1) (EAC1=BAC/CPI)	\$ 13,847,727.11
Variance at Completion ^(VAC1) (VAC1=BAC-EAC1)	\$ -

Task 4 Route Study and Pipeline Plan/Progress

- No Activity.

Task 4 Route Study and Pipeline Challenges

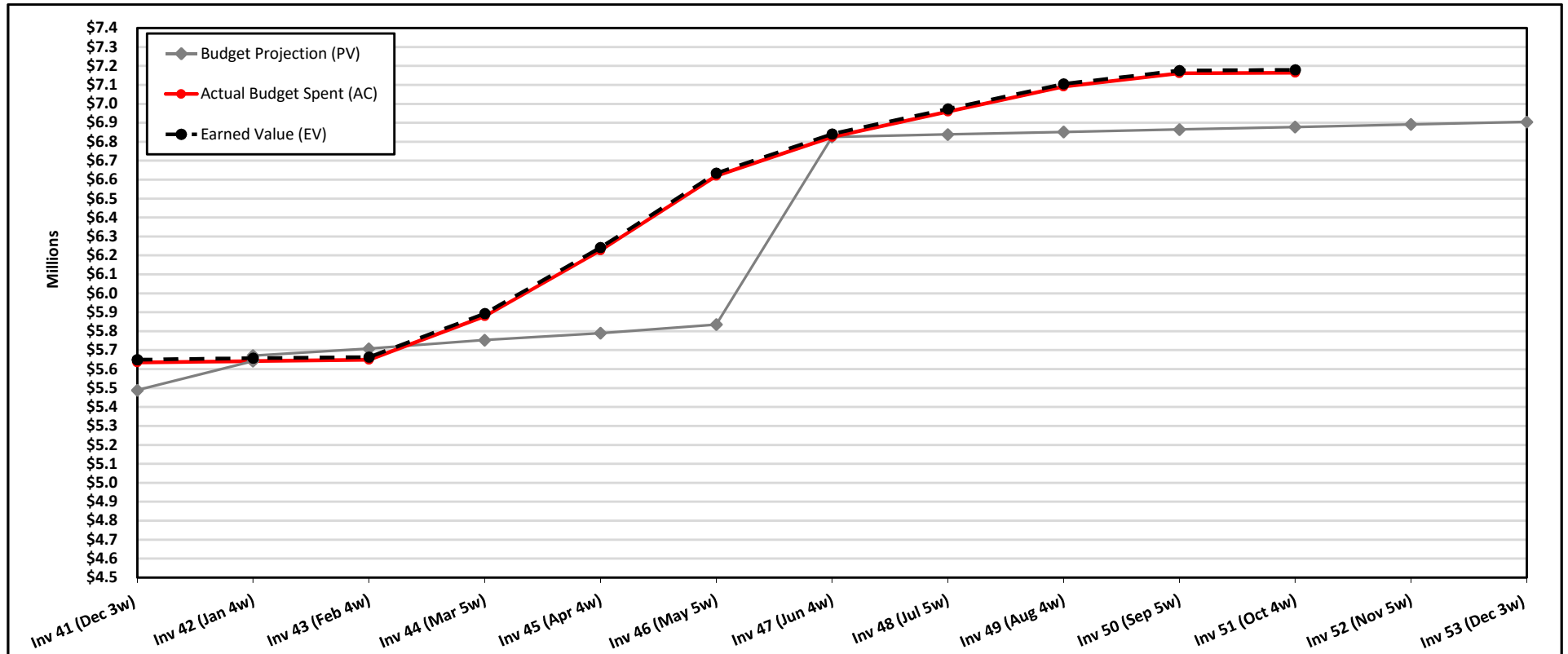
- The acquisition process for currently identified easements is in progress. Additional easements will impact the Program schedule.



Earned Value Calculations	
Budget at completion ^{(BAC)(1)} (BAC)	\$ 409,301
Estimate to Complete ^(ETC1) (ETC1=EAC1-AC)	\$ (598)
Cost Variance ^(CV) (CV=EV-AC)	\$ -
Schedule Variance ^(SV) (SV=EV-PV)	\$ -
Cost Performance Index ^(CPI) (CPI=EV/AC)	1.00
Schedule Performance Index ^(SPI) (SPI=EV/PV)	1.00
Cost /Schedule Index ^(CSI) (CSI=CPI x SPI)	1.00
Estimate at Completion ^(EAC1) (EAC1=BAC/CPI)	\$ 409,300.73
Variance at Completion ^(VAC1) (VAC1=BAC-EAC1)	\$ -

Task 5 Distribution System Plan/Progress
<ul style="list-style-type: none"> No Activity.

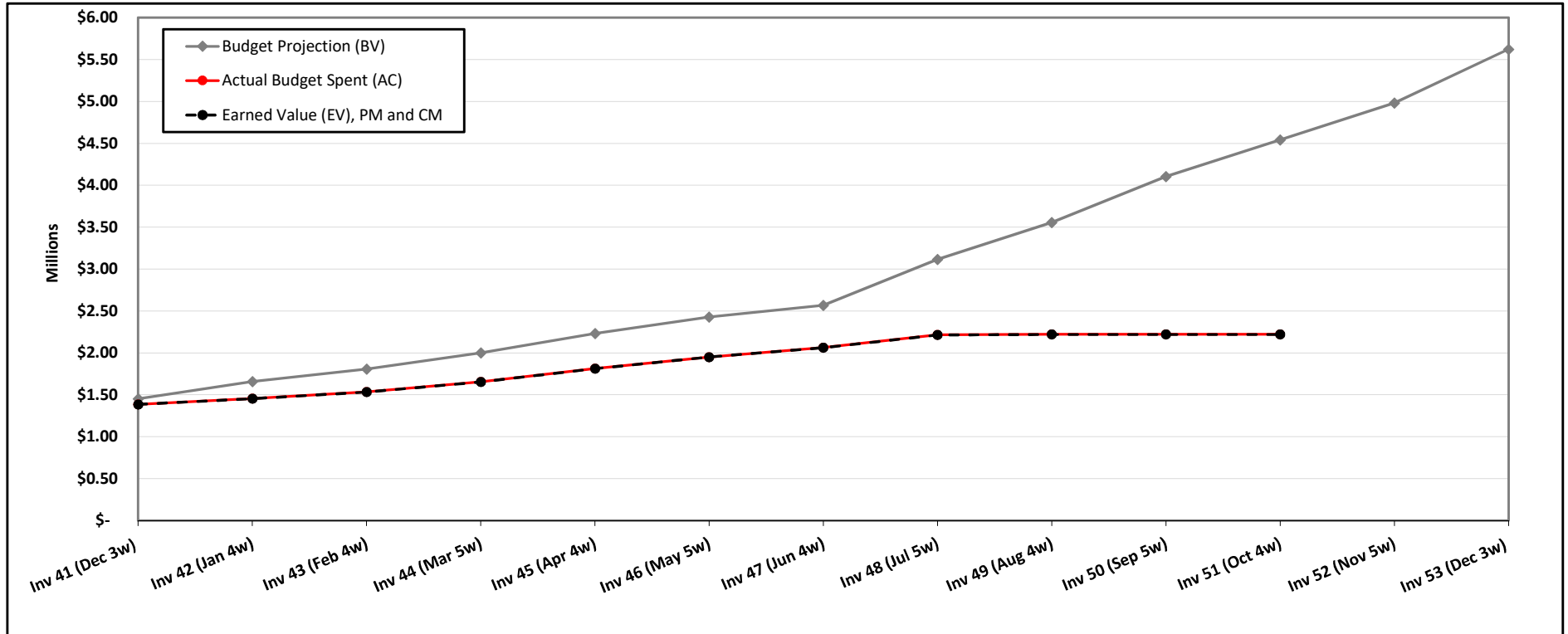
Task 5 Distribution System Challenges
<ul style="list-style-type: none"> No Challenges



Earned Value Calculations	
Budget at completion ^{(BAC)(1)} (BAC)	\$ 6,905,080
Estimate to Complete ^(ETC1) (ETC1=EAC1-AC)	\$ (274,440)
Cost Variance ^(CV) (CV=EV-AC)	\$ 15,583
Schedule Variance ^(SV) (SV=EV-PV)	\$ 301,945
Cost Performance Index ^(CPI) (CPI=EV/AC)	1.00
Schedule Performance Index ^(SPI) (SPI=EV/PV)	1.04
Cost /Schedule Index ^(CSI) (CSI=CPI x SPI)	1.05
Estimate at Completion ^(EAC1) (EAC1=BAC/CPI)	\$ 6,890,093.70
Variance at Completion ^(VAC1) (VAC1=BAC-EAC1)	\$ 14,986.21

Task 6	Pump Stations, Storage and Chemical Treatment Plan/Progress
•	City of Waukesha SWMP Report submittal was submitted for approval.
•	Continue coordination with MWW on the design for the Oklahoma Pumping Station (OPS).

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 on December 2, 2019. Legal proceedings have been pursued against the City of New Berlin. A contract amendment is required to redesign the BPS Site and will be approved at the June Waukesha Water Utility Commission Meeting.



Earned Value Calculations	
Budget at completion ^{(BAC)(1)} (BAC)	\$ 4,448,395
Estimate to Complete ^(ETC1) (ETC1=EAC1-AC)	\$ 4,304,915
Cost Variance ^(CV) (CV=EV-AC)	\$ 0
Schedule Variance (SV) (SV=EV-PV)	\$ (123,502)
Cost Performance Index ^(CPI) (CPI=EV/AC)	1.00
Schedule Performance Index ^(SPI) (SPI=EV/PV)	0.54
Cost /Schedule Index ^(CSI) (CSI=CPI x SPI)	0.54
Estimate at Completion ^(EAC1) (EAC1=BAC/CPI)	\$ 4,448,393.42
Variance at Completion ^(VAC1) (VAC1=BAC-EAC1)	\$ 1.38

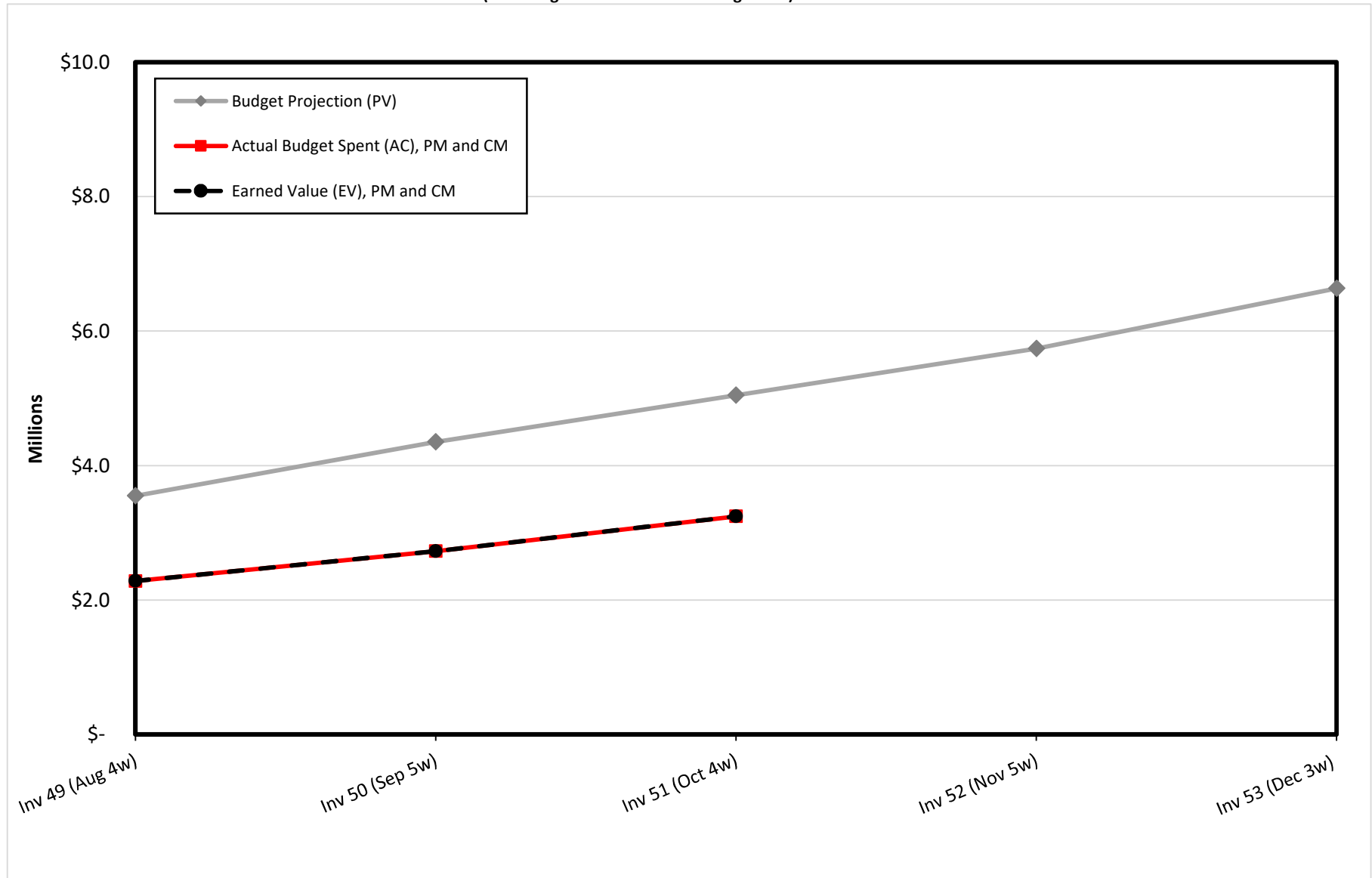
Task 7 Construction and Construction Management Plan/Progress

- No Activity.

Task 7 Construction and Construction Management Challenges

- No Activity.

Great Lakes Water Supply Program PM/CM
Program
Earned Value Chart
Phase 3 (Invoice No. 51)
(Excluding Allowances and Contingencies)



% Spent 48.9%
Actual Budget Spent \$3,243,690

Schedule Performance Index (SPI) 0.64
Cost Performance Index (CPI) 1.00

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