

**Waukesha Water Utility
Revenue Analysis
September 2020**

	CURRENT MONTH				YEAR TO DATE			
	ACTUAL'20	BUDGET'20	VARIANCE	%	ACTUAL'20	BUDGET'20	VARIANCE	%
OPERATING REVENUES:								
Total Metered Sales	\$944,033	\$1,094,030	(\$149,998)	(13.71)	\$6,445,329	\$7,138,928	(\$693,599)	(9.72)
Private Fire Capacity	\$20,912	\$27,073	(\$6,161)	(22.76)	\$195,273	\$215,403	(\$20,130)	(9.35)
Public Fire Capacity	\$220,881	\$258,769	(\$37,888)	(14.64)	\$1,620,866	\$1,781,587	(\$160,721)	(9.02)
Other Operating Revenues	\$21,305	\$29,082	(\$7,777)	(26.74)	\$219,740	\$302,026	(\$82,285)	(27.24)
TOTAL OPERATING REVENUES	\$1,207,131	\$1,408,955	(\$201,824)	(14.32)	\$8,481,209	\$9,437,944	(\$956,736)	(10.14)
Est. Rev. Impact due to Rate Case Delay:								
Metered Sales			(\$180,793)				(\$714,410)	
Public/Private Fire			(\$47,640)				(\$197,222)	
Late Fees			(\$993)				(\$6,951)	
			<u>(\$229,427)</u>				<u>(\$918,583)</u>	
Est. Rev. Impact due to COVID/Consumption Changes:								
Metered Sales			\$30,796				\$20,811	
Late Fees			(\$9,014)				(\$53,908)	
			<u>\$21,781</u>				<u>(\$33,097)</u>	
Other Revenue Impacts			\$5,822				(\$5,056)	
Total Revenue Budget Variance			<u>(\$201,824)</u>				<u>(\$956,736)</u>	

**Waukesha Water Utility
Consumption Analysis
September 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	106,326,600	94,897,908	11,428,692	12.0%	581,750,200	545,141,170	36,609,030	6.7%
Res - Duplex	11,675,400	10,437,000	1,238,400	11.9%	82,670,400	79,351,384	3,319,016	4.2%
Res - Triplex	1,182,200	547,036	635,164	116.1%	6,378,300	5,667,536	710,764	12.5%
Res - Total	119,184,200	105,881,944	13,302,256	12.6%	670,798,900	630,160,090	40,638,810	6.4%
Commercial	25,532,000	28,299,950	(2,767,950)	-9.8%	220,545,200	246,009,890	(25,464,690)	-10.4%
Multi-Family	30,179,900	28,644,518	1,535,382	5.4%	268,416,300	262,649,506	5,766,794	2.2%
Industrial	13,767,200	19,217,604	(5,450,404)	-28.4%	126,588,800	149,435,006	(22,846,206)	-15.3%
Public	5,709,700	7,597,842	(1,888,142)	-24.9%	36,392,750	49,282,730	(12,889,980)	-26.2%
Irrigation	524,600	1,509,600	(985,000)	-65.2%	1,007,200	1,827,601	(820,401)	-44.9%
	194,897,600	191,151,458	3,746,142	2.0%	1,323,749,150	1,339,364,823	(15,615,673)	-1.2%

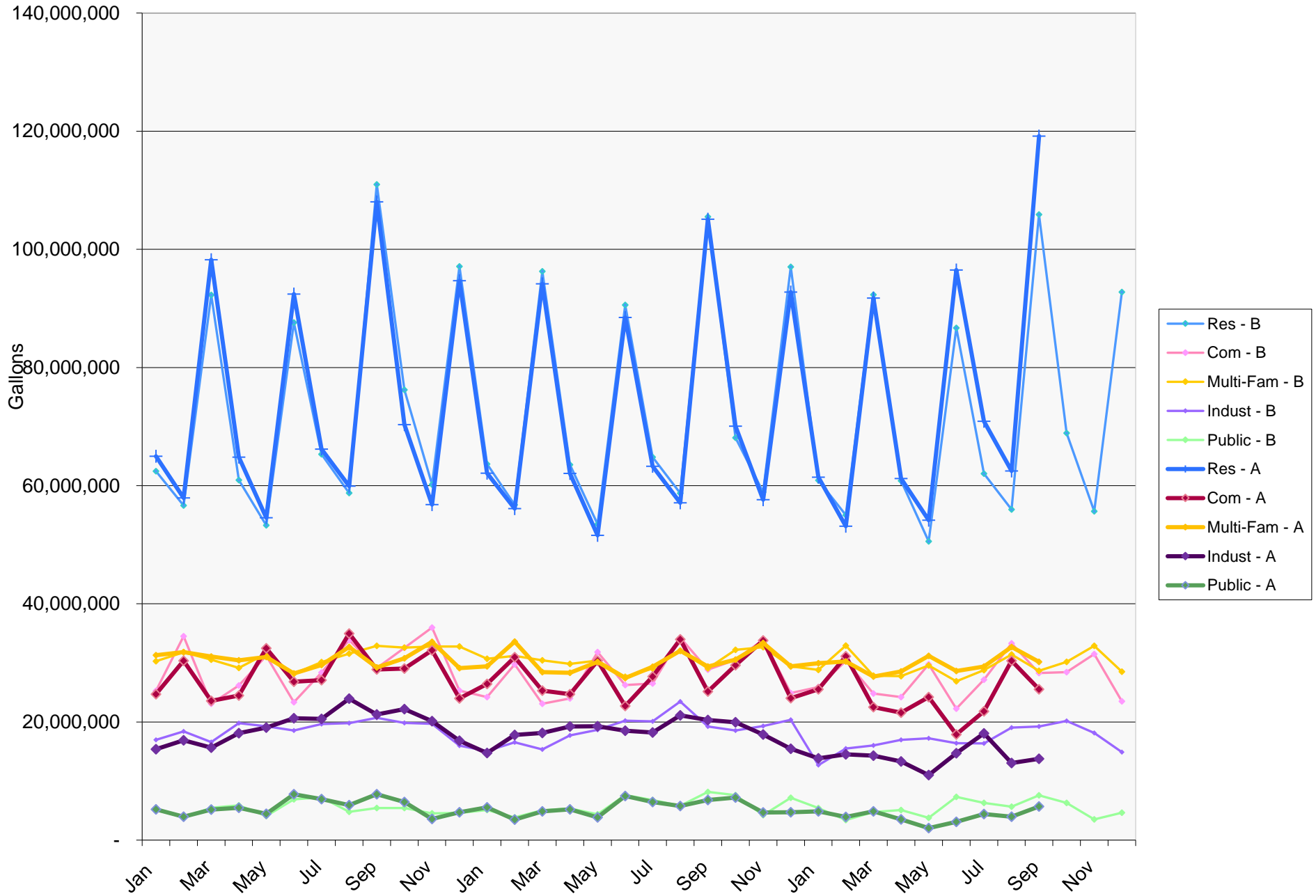
**Waukesha Water Utility
Expense Analysis
September 2020**

	CURRENT MONTH				YEAR TO DATE			
	ACTUAL'20	BUDGET'20	VARIANCE	%	ACTUAL'20	BUDGET'20	VARIANCE	%
OPERATING EXPENSES:								
Source	\$50,326.14	\$12,887.95	\$37,438.19	290.49 1	\$453,541.53	\$191,809.03	\$261,732.50	136.45
Pumping	73,195.64	83,234.32	(10,038.68)	(12.06) 2	647,320.62	744,628.07	(97,307.45)	(13.07)
Treatment	62,668.08	72,182.67	(9,514.59)	(13.18)	341,809.52	402,888.17	(61,078.65)	(15.16)
Distribution	48,277.10	141,638.17	(93,361.07)	(65.92) 3	625,657.73	878,129.98	(252,472.25)	(28.75)
Customer Service	11,831.73	16,717.67	(4,885.94)	(29.23)	108,414.14	148,031.41	(39,617.27)	(26.76)
Administrative	104,826.27	129,008.94	(24,182.67)	(18.74) 4	1,122,613.83	1,257,896.56	(135,282.73)	(10.75)
Total	\$351,124.96	\$455,669.72	(104,544.76)	(22.94)	\$3,299,357.37	\$3,623,383.22	(324,025.85)	(8.94)
MANAGERS' MARGIN	856,006.05	953,284.88	(97,278.83)	(10.20)	5,181,851.39	5,814,561.06	(632,709.67)	(10.88)
Depreciation	171,246.86	171,586.12	(339.26)	(0.20)	1,549,015.18	1,544,275.08	4,740.10	0.31
Tax Equivalent	165,492.65	165,492.65	0.00	0.00	1,489,433.85	1,489,433.85	0.00	0.00
Other Taxes	22,239.93	23,309.87	(1,069.94)	(4.59)	111,606.48	129,550.71	(17,944.23)	(13.85)
TOTAL OPERATING EXPENSES	\$710,104.40	\$816,058.36	(105,953.96)	(12.98)	\$6,449,412.88	\$6,786,642.86	(337,229.98)	(4.97)
TOTAL OPERATING INCOME(LOSS)	497,026.61	592,896.24	(95,869.63)	(16.17)	2,031,795.88	2,651,301.42	(619,505.54)	(23.37)
NON OPERATING INCOME&(EXPENSE)	(218,363.52)	(278,472.89)	60,109.37	(21.59)	(1,984,059.70)	(2,139,537.97)	155,478.27	(7.27)
NET INCOME(LOSS)	\$278,663.09	\$314,423.35	(35,760.26)	(11.37)	\$47,736.18	\$511,763.45	(464,027.27)	(90.67)

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 \$5,700, with the remaining variance related to delayed labor related maintenance projects.
- 3 Distribution: Dive inspections (\$68k) were budgeted for 3-reservoirs that will now be completed in 2021 due to COVID-19. Also, there were no main breaks or street lateral replacements completed in September. Locating activities were less than budgeted.
- 4 Administrative: Liability and Workers Compensation insurance were under budget by roughly \$8,500. Health benefits and salaries are also down as the additional Customer Service Representative has not been hired yet. With monthly billing on the horizon, the position has been advertised.

WWU
Billed Gallons
Actual v Budget
2018 - 2020



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

Cash Balance - August 31, 2020

\$30,555,931

SOURCES:

Operations:

Customers - water sales	\$801,096
Waste Water Utility - joint metering billing	62,450
Rent of utility property - cellular leases	13,447
Receipts on sewer bills	1,238,810
Receipts from return flow	317,808
Reimbursement from City for return flow expenses	231,161
Reimbursement from City for sewer construction costs	
Other - miscellaneous	25,157
Total Cash From Operating Activities	\$2,689,929

Capital and Related Financing Activities:

Grants	
Contributions	716
Issuance of long-term debt	
Sale of short-term debt	
Interest income	4,216
Total Cash From Capital/ Investing Activities	\$4,931

Total Cash Receipts

\$2,694,861

USES:

Salaries, wages, payroll taxes and benefits	261,318
Subcontracted and outside services	41,989
Disbursement to city for sewer transfer	1,331,096
Disbursement to city for return flow transfer	336,216
Pumping power	59,028
Purchase of materials and supplies	88,404
Tax equivalent - PILOT	
Acquisition of capital assets	1,141,298
Debt service - principal	1,280,000
Debt service - interest	462,787
Total Cash Used	\$5,002,137

Net Change in Cash

(\$2,307,276)

Cash Balance - September 30, 2020

\$28,248,655

**WAUKESHA WATER UTILITY
BALANCE SHEET
9/30/2020**

<u>ASSETS</u>	<u>THIS YEAR</u>
CURRENT	
CASH AND INVESTMENTS	\$26,089,075.80
ACCOUNTS RECEIVABLE	7,840,564.86
RECEIVABLE FROM SEWER REIMB	0.01
MATERIALS & SUPPLIES	415,029.01
OTHER CURRENT ASSETS	18,998.00
ACCRUED UTILITY REVENUE	0.00
TOTAL CURRENT ASSETS	<u>\$34,363,667.68</u>
DEFERRED	
DEFERRED ASSETS	<u>\$29,898,414.73</u>
TOTAL DEFERRED DEBITS	29,898,414.73
RESTRICTED	
DEBT PAYMENT ACCOUNT	\$574,277.66
DEBT RESERVE ACCOUNT	10.27
CONSTRUCTION FUND	153.92
TAX EQUIV RESERVE ACCOUNT	1,585,137.13
TOTAL RESTRICTED FUNDS	<u>\$2,159,578.98</u>
LONG TERM	
UTILITY PLANT IN SERVICE-NET	\$95,546,162.10
PROPERTY HELD FOR FUTURE USE	435,089.69
CONSTRUCTION WORK IN PROGRESS	4,456,045.54
RESTRICTED NET PENSION	<u>(478,201.00)</u>
TOTAL UTILITY PLANT	<u>\$99,959,096.33</u>
TOTAL ASSETS	<u><u>\$166,380,757.72</u></u>
 LIABILITIES	
CURRENT	
CUR PORTION BOND	596,661.51
NOTES PAYABLE	14,700,000.00
ACCOUNTS PAYABLE	1,793,224.91
PAYABLE TO OTHER FUNDS	4,875,963.42
CUSTOMER DEPOSITS	265,278.10
A/P MISCELLANEOUS	0.00
TAXES ACCRUED	1,517,684.22
INTEREST ACCRUED	405,035.86
EMPLOYEE WITHHOLDING	7,354.34
ACCRUED PAYROLL	0.00
ACCRUED VACATION	226,840.41
TOTAL CURRENT LIABILITIES	<u>\$24,388,042.77</u>
DEFERRED CREDITS	
CUSTOMER ADVANCES CONSTRUCTION	\$0.00
REGULATORY LIABILITY	621,093.74
OPEB LIABILITY	5,285,330.56
OTHER DEFERRED CREDITS	<u>3,269,262.37</u>
TOTAL DEFERRED CREDITS	\$9,175,686.67
LONG-TERM	
BONDS	\$57,416,456.25
 EQUITY	
CAPITAL PAID IN BY MUNICIPALITY	\$2,728,539.92
EQUITY FINANCED BY UTILITY	38,193,189.32
EQUITY FROM CONTRIBUTIONS	33,735,149.61
RESTRICTED EQUITY	695,957.00
NET PROFIT (LOSS)	47,736.18
TOTAL EQUITY	<u>\$75,400,572.03</u>
TOTAL EQUITY AND LIABILITIES	<u><u>\$166,380,757.72</u></u>

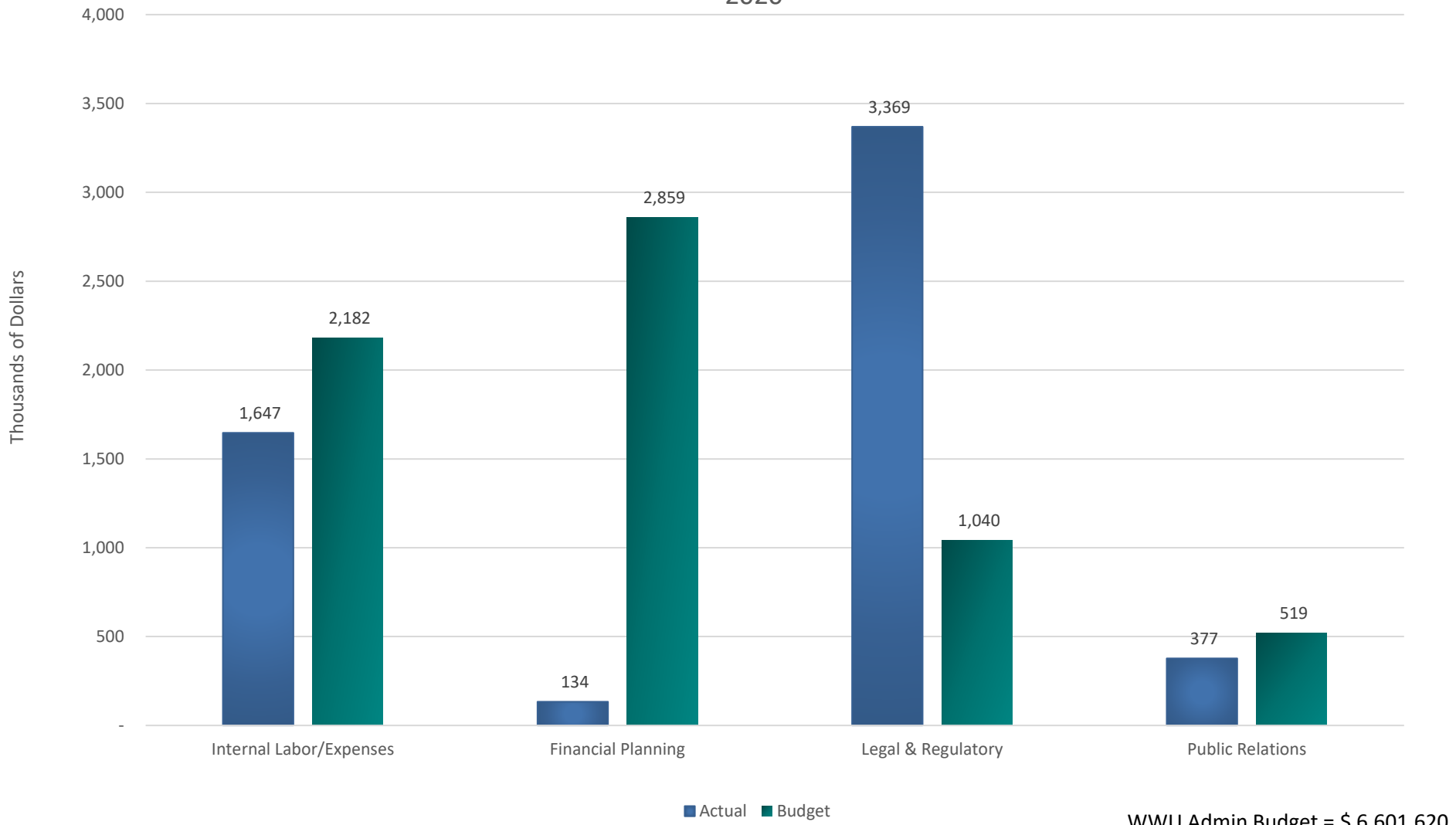
WWU
TRANSMISSION AND DISTRIBUTION
BUDGET VARIANCE ANALYSIS

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	\$ 755,537	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	\$ 543,586	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	\$ 139,295	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	\$ 31,692	5	Peter Bartels	October 2020
<i>Routine Projects</i>			\$ 4,763,476	\$ 3,760,736	\$ 2,566,629			
<i>Misc Routine</i>			\$ 881,799	\$ 881,799	\$ 881,799			
Total Transmission & Distribution			\$ 5,645,275	\$ 4,642,535	\$ 3,448,428			

Bold Totals are Based on Bids



Future Water Supply WWU Admin Sub Costs 2020



Status update

Waukesha Water Utility

Future Water Supply

October 14, 2020

This update is solely intended for the use of Waukesha Water Utility's internal management and is not intended to be and should not be used by any other parties without prior written consent from Baker Tilly Virchow Krause, LLP





Summary of Significant Events

Scope and Objectives

Waukesha Water Utility (“WWU” or “Owner”) engaged Baker Tilly Virchow Krause, LLP (Baker Tilly, “we” or “our”) to perform construction audit services on the Future Water Supply project. Greeley and Hansen (“GH” or “PM”) is the Program Manager and Black & Veatch (“BV” or “CM”) is the Construction Manager engaged by the Owner.

The primary objective of this engagement is to verify whether project expenditures billed to Waukesha Water Utility are adequately supported, verifiable and appropriately allocated to the project.

Current Period Significant Events

This section of the monthly interim report summarizes Audit Issues and Requests for Information during the current period. The project-to-date Audit Issues (AI) and Request for Information (RFI) logs are included as attachments with this document.

Prior Period Request for Information

There was one request for information made during the prior period (RFI No. 039). Documentation was requested to support COVID mask costs for \$466.20 incurred by Black & Veatch. We are following up on this issue and will report any findings in next month’s status update.

Current Period Audit Issues

There were no audit issues identified during the current period.

Current Period Request for Information

Baker Tilly made two (2) requests for information made during this period (RFI Nos. 040 and 041). The City of New Berlin credited Ramboll Environ \$10,000 during the current period for two permits purchased at \$5,000 each. Subsequently, Greeley and Hansen credited WWU \$10,000. However, at the time of purchase, Greeley and Hansen billed WWU for the permit costs, plus an additional 10% mark-up. This mark-up was not credited back to WWU (RFI No. 040). Additionally, processing fees for these two permits totaled \$650. These processing fees were not credited to WWU, and it is unclear whether Ramboll received a refund for these processing fees from the City of New Berlin (RFI No. 041). These requests will be addressed during next month’s status update.



Audit progress

Audit Status Summary

A. Items Completed

Baker Tilly has completed the following tasks:

- Audit kick off meeting on to review project scope and communication expectations
- Attended PM/CM request for qualifications (RFQ) review and short list selection on August 4, 2016
- PM/CM finalist interview preparation with WWU on September 26, 2016
- Attended PM/CM interviews and selection meeting on September 29, 2016
- Reviewed Greeley and Hanson's Phase I cost proposal. The review memorandum was delivered to WWU On October 19, 2016.
- Attended the following workshops
 - High Level Program Cost Validation - November 11, 2016
 - Financial Model – Preliminary Workshop - November 11, 2016
 - Financial Management Platform - November 18, 2016
 - Financial Management Conceptual Designs Workshop - December 6, 2016
- Reviewed the Phase 2 Estimate of Fees from Greeley and Hansen for work through the period ending December 31, 2017
- Attendance at bi-weekly progress meetings
- Attendance at CM interviews on February 28, 2018
- Attendance at pre-con meetings for contract packages 5 and 6
- Reviewed Greeley and Hanson, LLC Invoice Nos. 1 through 49
- Reviewed Black & Veatch Phase 1 Invoices
- Reviewed Black & Veatch Phase 2 (2019) Invoice Nos. 1 through 13
- Reviewed Black & Veatch Phase 2 (2020) Invoice Nos. 1 through 9

B. Items in Process

There are no items currently in process

C. Items to be Completed Next Period

The following items will be completed next period.

- Review of Greeley and Hansen Invoice No. 50
- Review of Black & Veatch Phase 2 (2020) Invoice No. 10
- Review of contract package 5 and 6 invoices as necessary
- Address RFI Nos. 039, 040, and 041

D. Events Hindering Progress

There are no events hindering audit progress at this time.

E. Proposed Changes to Scope

There are no proposed changes to our scope at this time.

Budget update

Original project budget	\$ 395,000.00
Change Order No. 1	\$ 2,500.00
Change Order No. 2	<u>\$ 64,680.00</u>
Current project budget	\$ 462,180.00
Total billed as of 10/14/2020	<u>\$ 183,976.50</u>
Remaining project budget	\$ 283,746.00

Staffing Update

Estimated hours	2,400.00
Total hours as of 10/14/2020	1,151.75

Billing Update

Outstanding invoices:

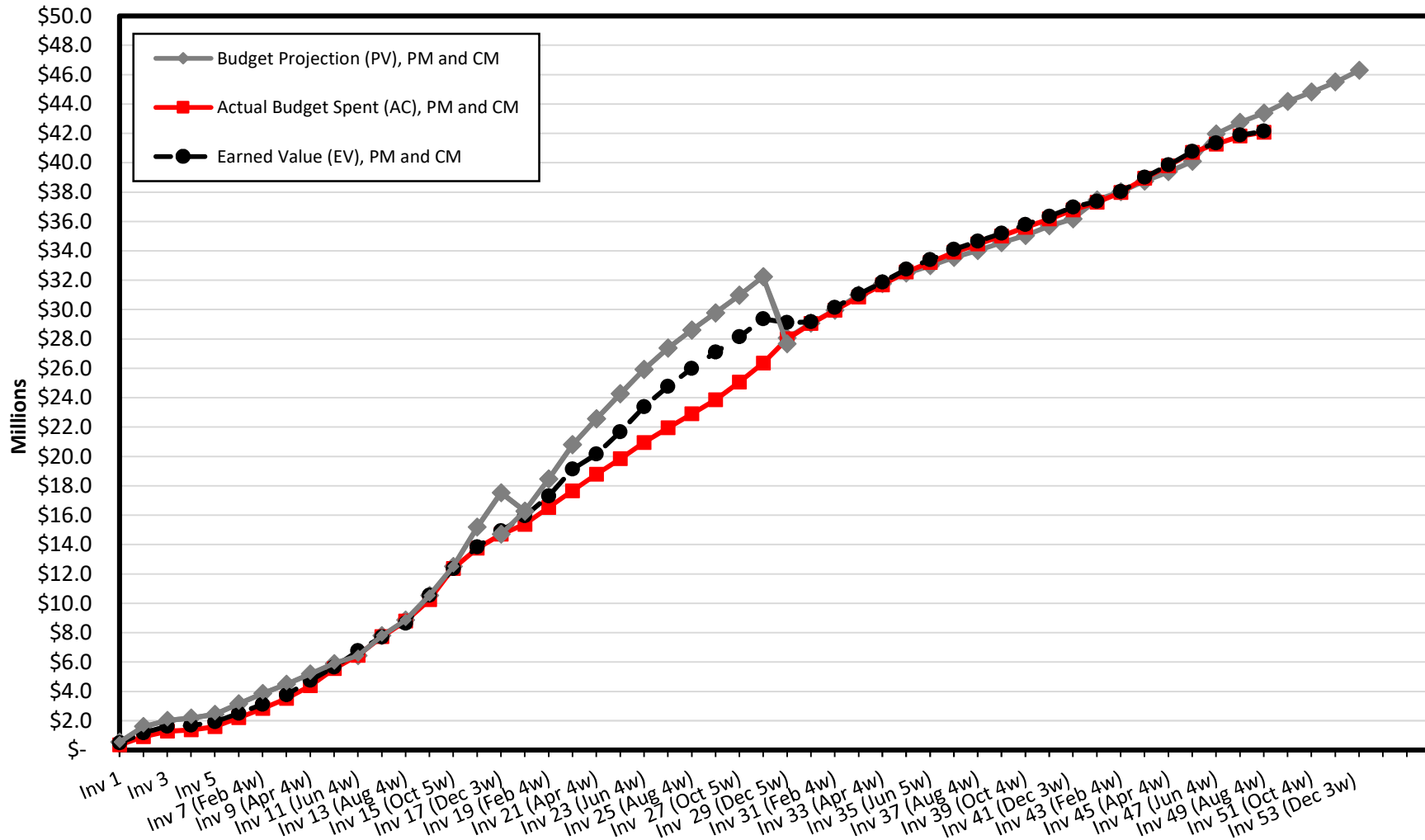
- BT1689344 - \$5,542.50– 09/30/2020



Exhibit 5 – Earned Value Analysis



Great Lakes Water Supply Program PM/CM
Program
Earned Value Chart
Phase 1 and 2 (Invoice No. 49)
(Excluding Allowances and Contingencies)



% Spent 98.4%

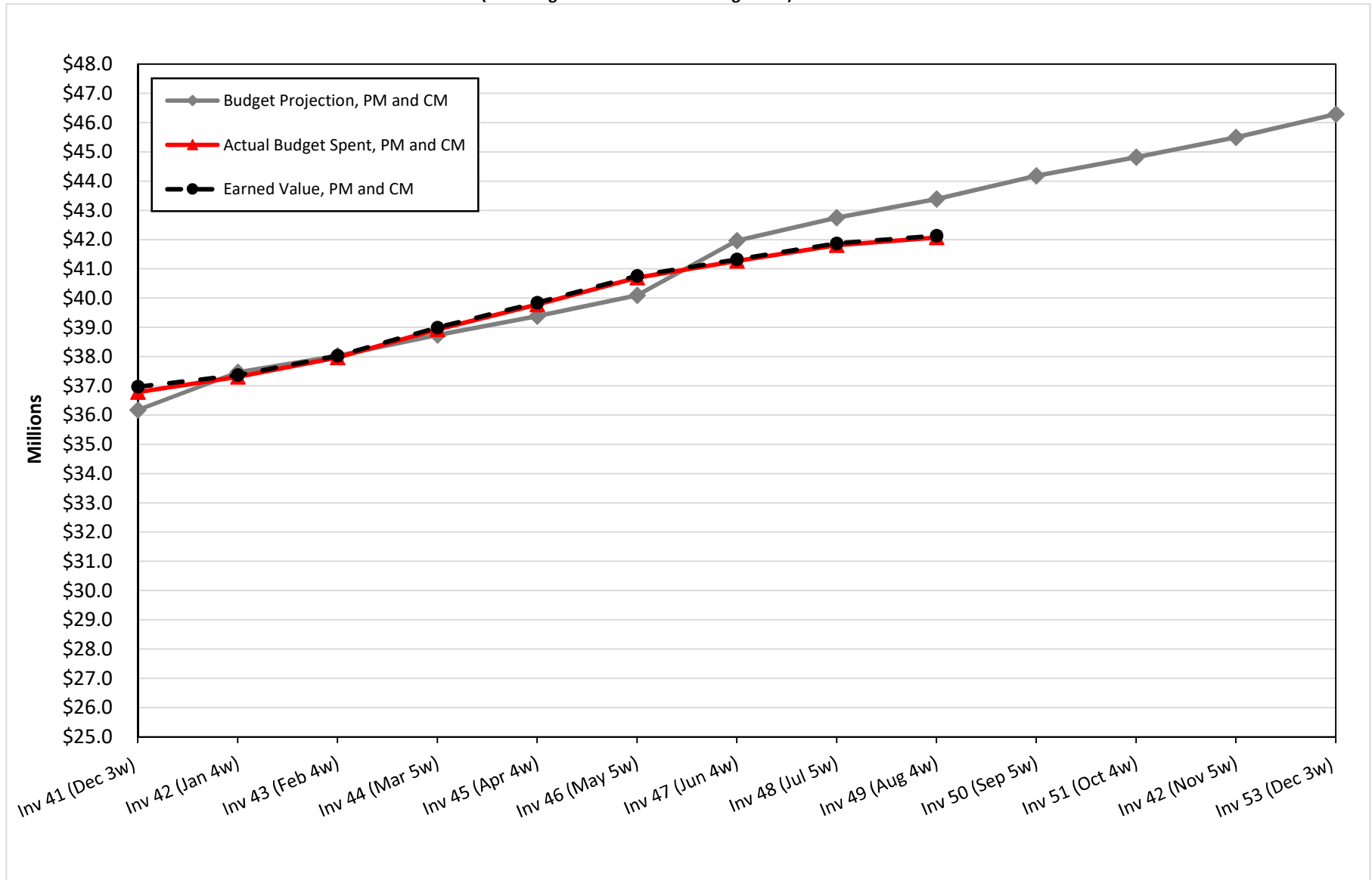
Actual Budget Spent \$39,997,382

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. 49)
 (Excluding Allowances and Contingencies)



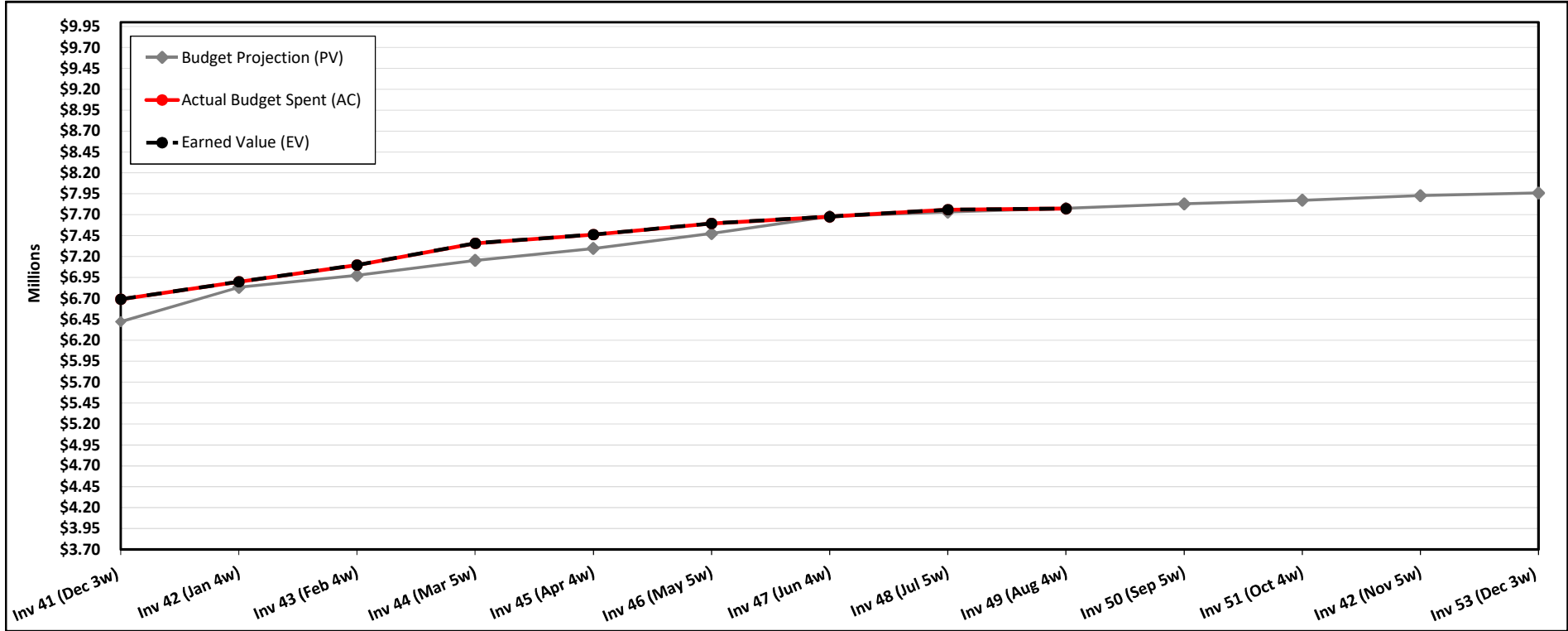
% Spent 98.4%

Actual Budget Spent \$39,997,382

Schedule Performance Index (SPI) 1.00

Cost Performance Index (CPI) 1.00

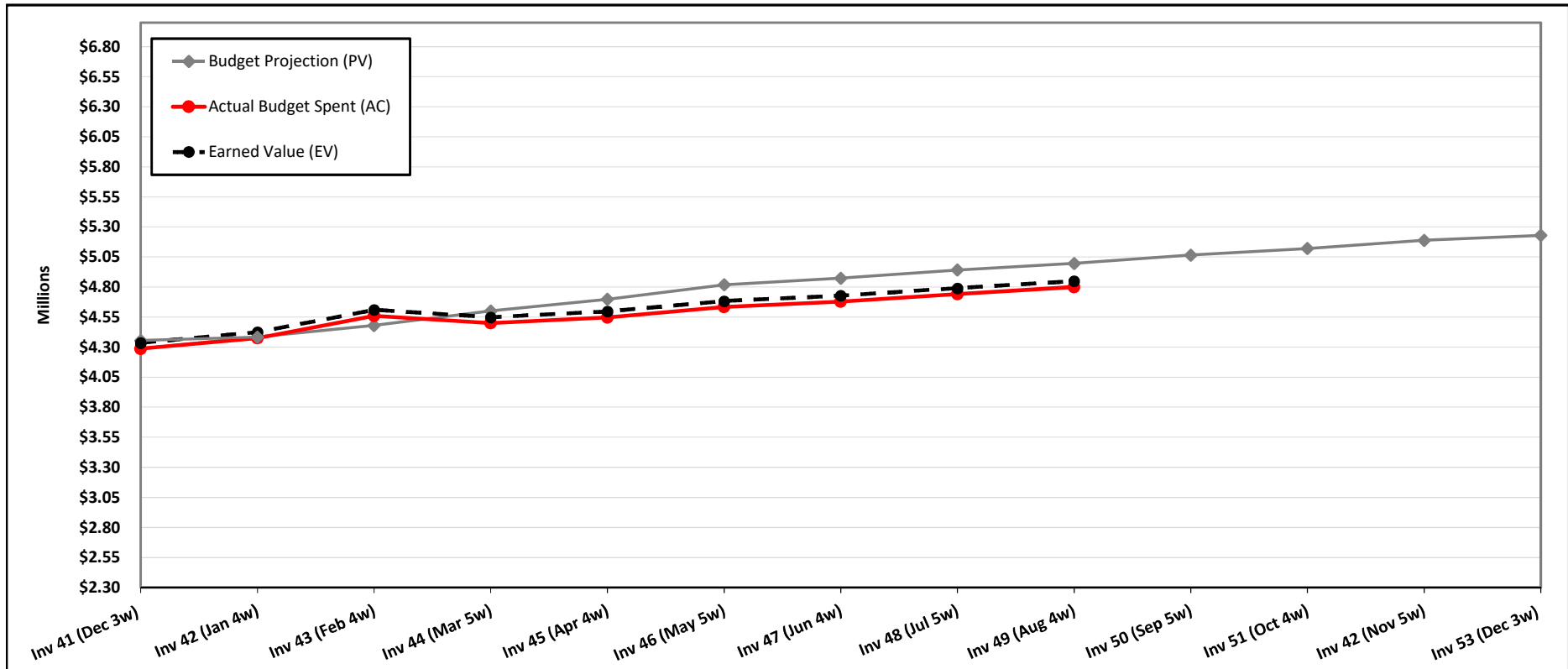
Note: Budget associated with Task 3-300, 5-200 and 5-300 water quality scope has been removed.



Earned Value Calculations	
Budget at Completion ^{(BAC)(1)} (BAC)	\$ 7,959,692
Estimate to Complete ^(ETC1) (ETC1=EAC1-AC)	\$ 185,233
Cost Variance ^(CV) (CV=EV-AC)	\$ -
Schedule Variance ^(SV) (SV=EV-PV)	\$ (1,209)
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)	\$ 7,959,691.98
Variance at Completion ^(VAC1) (VAC1=BAC-EAC1)	\$ -

Task 1	Program Management Plan/Progress
	<ul style="list-style-type: none"> Prepared and submitted Invoice No. 48; updated the Financial Management Dashboard and Report for Invoice No. 48. Held twelve (12) Program Team meetings. Updated Program schedule and Risk Register. Support has been provided for permitting of the BPS Site in the City of New Berlin. Contract Package 3 95% Design Submittal was under QM Review. Supplemental EA was provided by PSC.

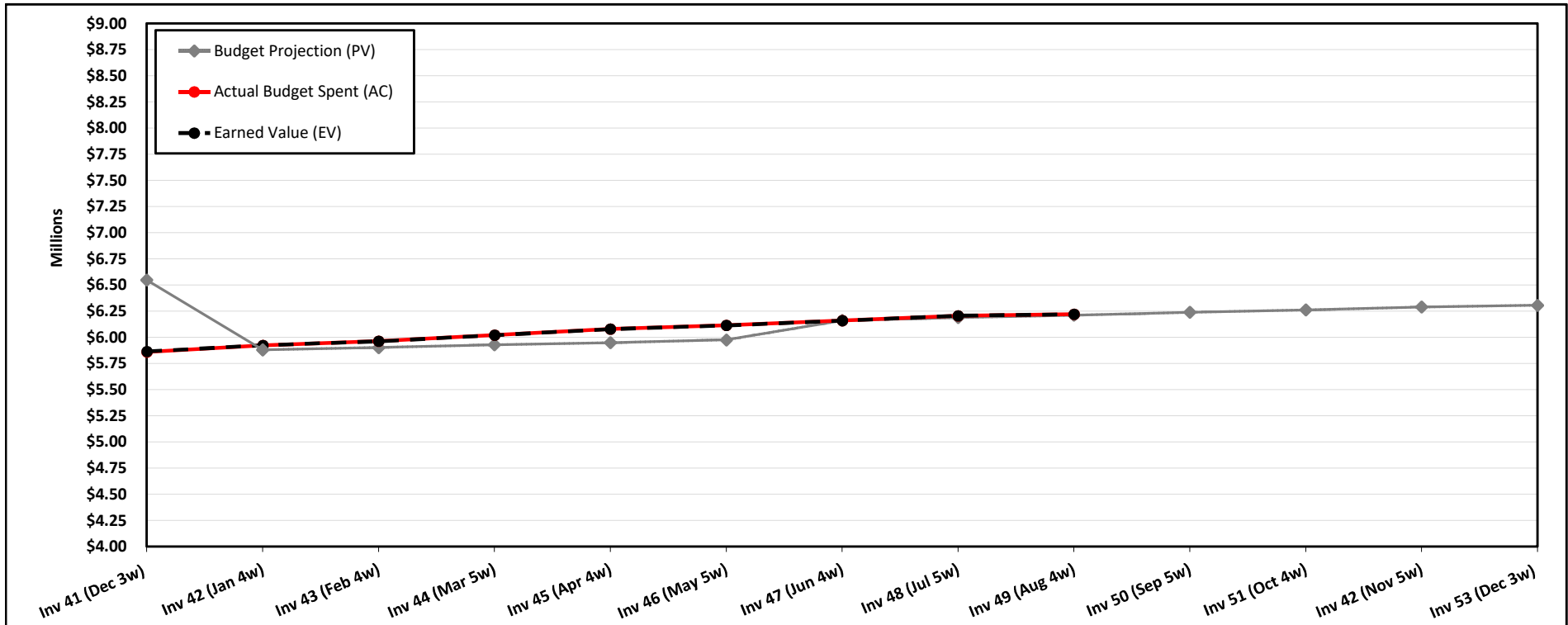
Task 1	Program Management Challenges
	<ul style="list-style-type: none"> The PSC issued the Notice of Proceeding on the MWW PSC CA Application and several parties have intervened. The testimony and hearing schedule proposed by PSC staff shows the commissioners making a decision in early September 2020. 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)	\$ 193,816
Cost Variance ^(CV) (CV=EV-AC)	\$ 48,858
Schedule Variance ^(SV) (SV=EV-PV)	\$ (147,421)
Cost Performance Index ^(CPI) (CPI=EV/AC)	1.01
Schedule Performance Index ^(SPI) (SPI=EV/PV)	0.97
Cost /Schedule Index ^(CSI) (CSI=CPI x SPI)	0.98
Estimate at Completion ^(EAC1) (EAC1=BAC/CPI)	\$ 4,994,410.53
Variance at Completion ^(VAC1) (VAC1=BAC-EAC1)	\$ 50,830.59

Task 2 Programmatic Support Services Plan/Progress
<ul style="list-style-type: none"> Drafted a press release regarding the closing of a federal low-interest WIFIA loan. Drafted talking points about water supply pipeline bid awards. Prepared and finalized newsletter content regarding Unidirectional Flushing for August newsletter and City of Waukesha's Utilities newsletter. Discussed claims by a ratepayer about noncompliance the Approval by the Great Lakes Compact Council and the ratepayer's intervention request into the limited Certificate of Authority reopening. Designed, printed, and mailed the Virtual Open House BPS mailers to constituents.

Task 2 Programmatic Support Services Challenges
<ul style="list-style-type: none"> 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. Developing a cost effective plan to communicate with the residents near the new site and providing an appropriate level of communication.

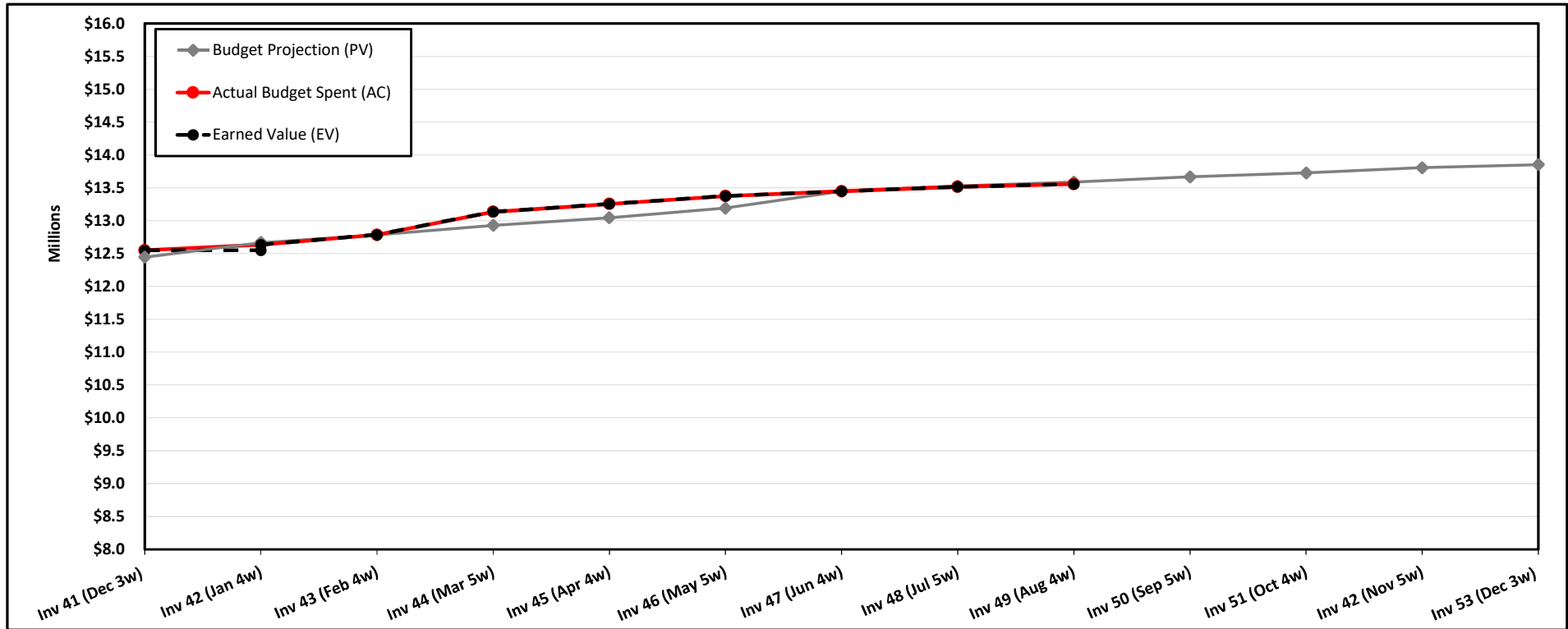


Note: The Task 3 amount for Invoice 5 was reported incorrectly in the previous version of this Report. The correct cumulative amount is \$263.96 lower.
The Task 3 Budget at completion amount was revised to reflect Task Authorizations and contract amendments

Earned Value Calculations	
Budget at completion ^{(BAC(1))} (BAC)	\$ 6,311,914
Estimate to Complete ^(ETC1) (ETC1=EAC1-AC)	\$ 90,927
Cost Variance ^(CV) (CV=EV-AC)	\$ -
Schedule Variance ^(SV) (SV=EV-PV)	\$ 10,039
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
<ul style="list-style-type: none"> Continued to work on Diversion document. Continued chloride reduction program. Conference call with WDNR to review WDNR Tables 1 and 2. Evaluated ER Review in bid documents and developed an approach of what can be made public. Follow up with USACE on status of USACE Permit.

Task 3 Permitting Challenges
<ul style="list-style-type: none"> Extended agency review timelines may delay bidding.

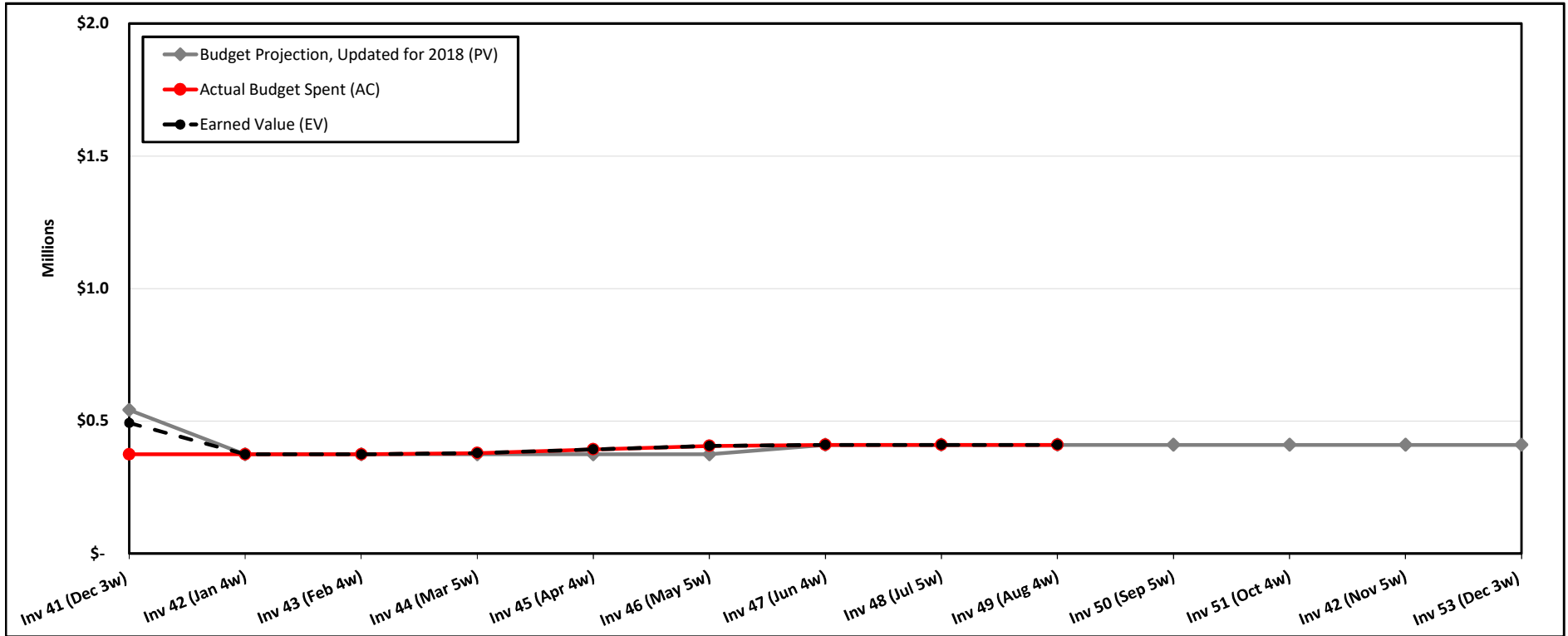


Note: The Task 4 Budget at completion amount was revised to reflect Task Authorizations and contract amendments

Earned Value Calculations	
Budget at completion ^(BAC) (BAC)	\$ 13,847,727
Estimate to Complete ^(ETC1) (ETC1=EAC1-AC)	\$ 290,598
Cost Variance ^(CV) (CV=EV-AC)	\$ -
Schedule Variance ^(SV) (SV=EV-PV)	\$ (31,075)
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)	\$ 13,847,727.11
Variance at Completion ^(VAC1) (VAC1=BAC-EAC1)	\$ -

Task 4 Route Study and Pipeline Plan/Progress
<ul style="list-style-type: none"> In light of the CUP denial in the City of New Berlin, some field investigations have occurred to investigate whether an alternate to the preferred site exists for the BPS Site. Two remaining utility excavation holes were completed and utility excavation logs were provided. Contract Package 2B MOT drawings were submitted to Task Lead. Contract Package 2B 95% Design Submittal was submitted to WWU. Contract Package 2B 95% Design Workshop was held. Contract Package 2B was submitted to WDNR for review. Contract Package 2A Addendum Nos. 2 and 3 were issued. Contract Package 2A Bids were opened on August 25. Contract Package 2A bid tab was completed.

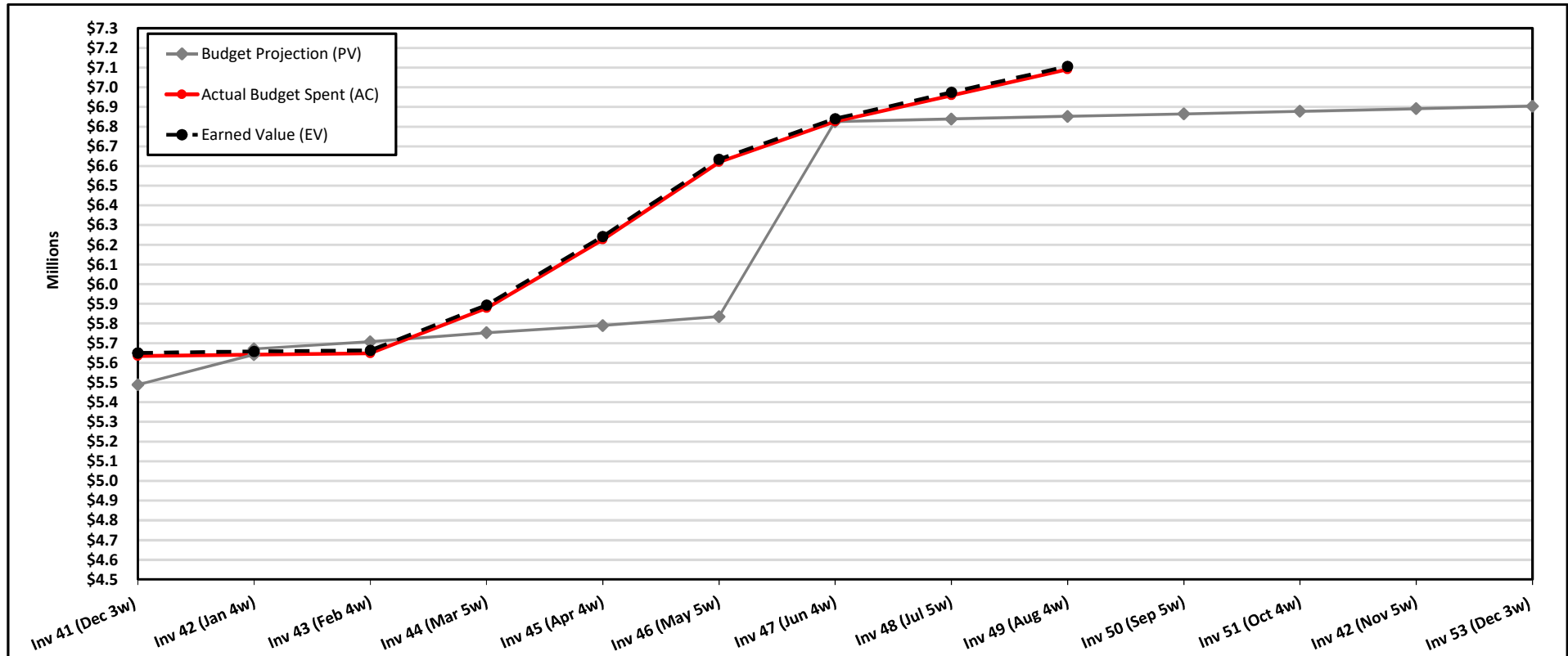
Task 4 Route Study and Pipeline Challenges
<ul style="list-style-type: none"> No challenges.



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.



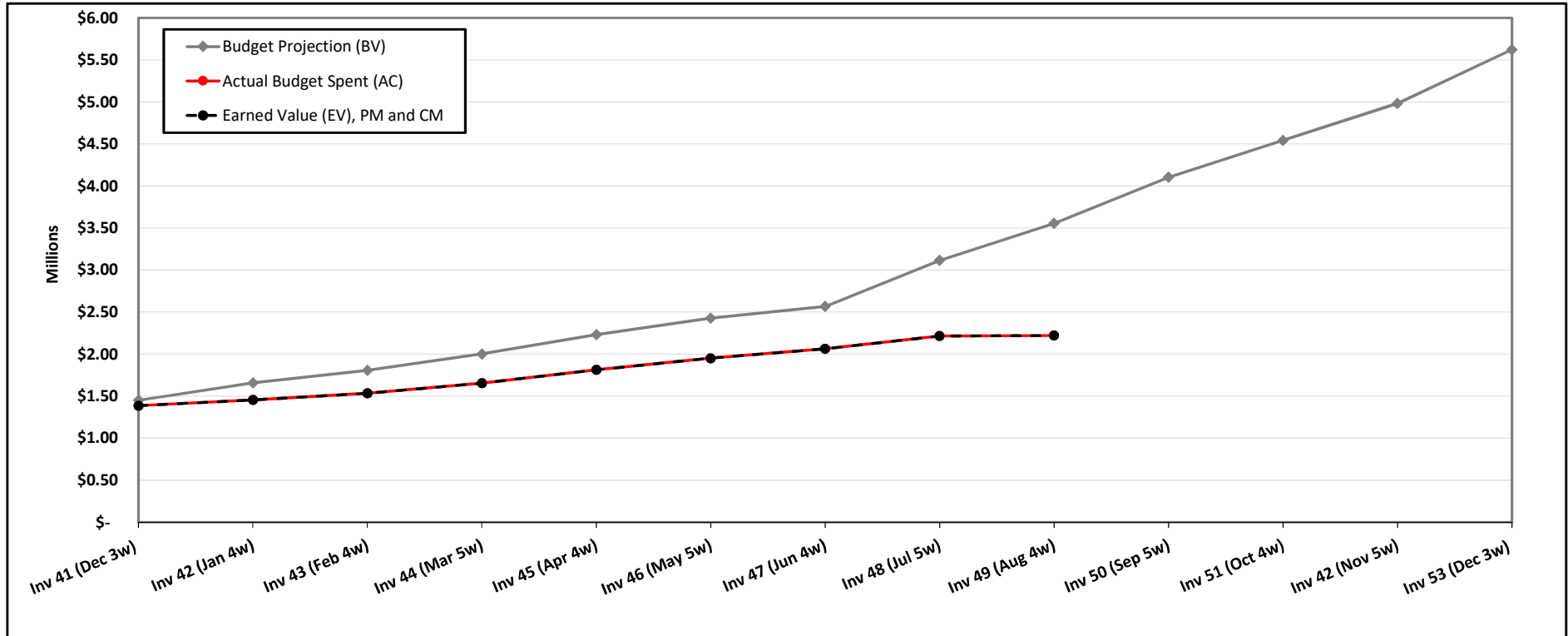
Earned Value Calculations	
Budget at completion ^{(BAC)(1)} (BAC)	\$ 6,905,080
Estimate to Complete ^(ETC1) (ETC1=EAC1-AC)	\$ (200,898)
Cost Variance ^(CV) (CV=EV-AC)	\$ 15,583
Schedule Variance ^(SV) (SV=EV-PV)	\$ 254,502
Cost Performance Index ^(CPI) (CPI=EV/AC)	1.00
Schedule Performance Index ^(SPI) (SPI=EV/PV)	1.04
Cost /Schedule Index ^(CSI) (CSI=CPI x SPI)	1.04
Estimate at Completion ^(EAC1) (EAC1=BAC/CPI)	\$ 6,889,938.28
Variance at Completion ^(VAC1) (VAC1=BAC-EAC1)	\$ 15,141.62

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

- In light of the CUP denial in the City of New Berlin, some field investigations have occurred to investigate whether an alternate to the preferred site exists for the BPS Site.
- The geotechnical report for the alternate BPS Site was revised based on Task Leader comments.
- Contract Packages 3 and 3A 95% Design Submittal for the alternate BPS Site were submitted to WWU.
- Continued 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)	\$ 3,472,404
Estimate to Complete ^(ETC1) (ETC1=EAC1-AC)	\$ 3,328,924
Cost Variance ^(CV) (CV=EV-AC)	\$ 0
Schedule Variance (SV) (SV=EV-PV)	\$ (111,331)
Cost Performance Index ^(CPI) (CPI=EV/AC)	1.00
Schedule Performance Index ^(SPI) (SPI=EV/PV)	0.56
Cost /Schedule Index ^(CSI) (CSI=CPI x SPI)	0.56
Estimate at Completion ^(EAC1) (EAC1=BAC/CPI)	\$ 3,472,402.86
Variance at Completion ^(VAC1) (VAC1=BAC-EAC1)	\$ 1.08

Task 7 Construction and Construction Management Plan/Progress

- Managed Contractor's CP5 and CP6 submittals and RFIs via PMWeb.
- Developed August monthly construction progress report.
- Provided support during CP2A bid period and performed bid evaluations.
- Began construction inspection and management services on CP5 and CP6.
- Provide safety training to CM Field Staff.
- Provide additional PMWeb training to SJ Louis.
- Provide initial PMWeb training to Super Excavators once NTP is given.
- Prepare for CP2A preconstruction conference.

Task 7 Construction and Construction Management Challenges

- COVID-19 related factors including limited travel, limited in-person meeting attendance, etc.
- Delays to construction manager field trailer setup.