

**REGULAR MEETING  
CASSOPOLIS AREA UTILITIES AUTHORITY**

Cassopolis Village Hall, 121 N. Disbrow, Cassopolis, Michigan 49031

Monday, May 19, 2025, 3:30 p.m.

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**AGENDA**

- Dean Hass, Chair (Jefferson)
- Gene Decker, Vice-Chair (LaGrange)
- Harry Shaffer, Treasurer (Penn)
- Dwight Dyes Secretary (Calvin)
- Emilie LaGrow (Cassopolis)
- Tonia Betty, (Cassopolis)
- Jon Krebs, (Penn)

CALL TO ORDER

ROLL CALL

PUBLIC COMMENTS

APPROVAL OF MINUTES OF PREVIOUS MEETING – April 21, 2025

CORRESPONDENCE

APPROVAL OF FINANCIAL REPORT

1. Monthly Financial Report

WATER SYSTEM REPORTS AND ACTIONS

1. Operator's Report

SEWER SYSTEM REPORTS AND ACTIONS – (not all items will have an attachment)

1. General Manager's Report
2. O&M Report - Village of Cassopolis
3. Old Business:
  - a. Follow up of the interceptor pipe breaks, analysis, and testing
4. New Business
  - a. 2025-2026 Budget Recommendation

APPROVAL OF INVOICES from May in the amount of \$43,515.19.

ADJOURNMENT

NEXT MEETING – Monday, May 19, 2025 at 3:30 pm at Cassopolis Village Hall, 121 Disbrow.

**Cassopolis Area Utilities Authority**  
**Regular Meeting Minutes**  
**April 21, 2025**

Chairperson Hass called the Regular Meeting of the Cassopolis Area Utilities Authority (CAUA) to order at 3:30 p.m.

**ROLL CALL:** Dean Hass, Gene Decker, Tonia Betty, Dwight Dyes, Jon Krebs, Emilie LaGrow, and Harry Shaffer.

**Absent:** None.

Also present: Kevin Anderson, Amanda Sleigh, Kate Jefferson (via zoom), and Ben Anderson.

**PUBLIC COMMENTS**

None

**MINUTES**

Motion by LaGrow and seconded by Betty to approve the minutes from February 18, 2025. Motion Carried Unanimously.

**AUDIT PRESENTATION & REPORT**

Jamie Rivette, CPA with Yeo & Yeo, present the 2024 audit with the CAUA.

Motion by Shaffer, seconded by Decker to accept the 2024 auditors report. Motion carried unanimously.

**FINANCIAL REPORT**

The monthly financial report was reviewed and discussed. Motion by Betty, seconded by Shaffer to accept the financial reports as presented.

**WATER SYSTEM REPORTS & ACTIONS**

The operations report provided in the agenda packet was reviewed with Anderson.

**SEWER SYSTEM REPORTS & ACTIONS**

K. Anderson reviewed the General Manager's report.

O&M Report from Village of Cassopolis was reviewed.

**INTERCEPTOR SEWER PIPE ANALYSIS UPDATE**

LaGrow reported that the Village had a 7 day sampling at one lift station was completed and that sampling confirmed that some of the chemicals identified in the PSI Lab, LLC report were still in the system. Additional sampling is anticipated to be done. Grant and low interest funding for potential projects to address the interceptor are being explored.

### **ONLINE PAYMENT OF BILLS**

Motion by Shaffer, seconded by Krebs to approve the use of QuickBooks Online for the online payment of bills and authorize Kate Jefferson to administer the payment of bills through this system. Motion carried unanimously.

### **APPROVAL OF INVOICES**

Moved by Shaffer, seconded by LaGrow to approve the invoices from March totaling \$63,357.09 and invoices from April totaling \$47,553.81. Voted Yes: All. Motion carried.

### **NEXT MEETING**

Monday, May 19, 2025 at 3:30 pm at Cassopolis Village Hall, 121 Disbrow, Cassopolis, Michigan.

### **BOARD COMMENTS**

None.

### **ADJOURNMENT**

Moved by Decker to adjourn the meeting at 4:06 pm. Motion carried unanimously.

Respectfully Submitted,

Kevin Anderson

# Cassopolis Area Utilities Authority

## Balance Sheet As of April 30, 2025

	TOTAL
<b>ASSETS</b>	
Current Assets	
Bank Accounts	
1010 GNCFCU-CHECKING	169,721.88
1019 GNCFCU - SEWER PREMIER	15.28
1020 GNCFCU-SHARE ACCOUNT	68.95
1030 Michigan Class	
1030.1 Michigan Class - General	656,827.93
1030.2 MI Class - Water	230,863.85
1030.3 MI Class - Sewer	152,550.50
<b>Total 1030 Michigan Class</b>	<b>1,040,242.28</b>
<b>Total Bank Accounts</b>	<b>\$1,210,048.39</b>
Accounts Receivable	
1200 Accounts Receivable	0.00
<b>Total Accounts Receivable</b>	<b>\$0.00</b>
Other Current Assets	
1025 5/3 Bank (WATER AUTHORITY)	34,521.22
1026 GNCFCU - WATER PREMIER	23.33
12000 Undeposited Funds	0.00
1210 A/R	0.00
1351 Chemical Bank CD 3/2019	0.00
1375 Accrued Interest	0.00
1401 Prepaid Insurance	8,475.00
<b>Total Other Current Assets</b>	<b>\$43,019.55</b>
<b>Total Current Assets</b>	<b>\$1,253,067.94</b>
Fixed Assets	
1500 Sewer System & Improvements	7,539,222.03
1550 Accumulated Depreciation	(5,223,382.64)
1560 Water System & Improvements	179,429.38
<b>Total Fixed Assets</b>	<b>\$2,495,268.77</b>
Other Assets	
1215 A/R non allocable	104,438.39
<b>Total Other Assets</b>	<b>\$104,438.39</b>
<b>TOTAL ASSETS</b>	<b>\$3,852,775.10</b>

# Cassopolis Area Utilities Authority

## Balance Sheet As of April 30, 2025

	TOTAL
<b>LIABILITIES AND EQUITY</b>	
Liabilities	
Current Liabilities	
Accounts Payable	
2000 Accounts Payable	51,384.66
<b>Total Accounts Payable</b>	<b>\$51,384.66</b>
<b>Total Current Liabilities</b>	<b>\$51,384.66</b>
Long-Term Liabilities	
2200 City of Dowagiac B-4 Loan	0.00
2300 Village Lift Station #2 Loan	49,126.12
2400 Village - Settlement Agreement	128,447.56
<b>Total Long-Term Liabilities</b>	<b>\$177,573.68</b>
<b>Total Liabilities</b>	<b>\$228,958.34</b>
Equity	
3000 Invested in Capital Assets	2,559,220.00
3001 Capital Replacement (Diamond LK)	0.00
3002 Capital Replacement (Vandallia)	138,213.18
3003 Capital Replacement (Paradise)	88,776.00
3004 Restricted Cash - Water Fund	262,432.25
3006 Restricted for Unallocated Reve	0.00
3100 Unrestricted	0.00
3200 Unrestricted Net Assets	557,402.98
3900 Opening Bal Equity	0.00
Net Income	17,772.35
<b>Total Equity</b>	<b>\$3,623,816.76</b>
<b>TOTAL LIABILITIES AND EQUITY</b>	<b>\$3,852,775.10</b>

# Cassopolis Area Utilities Authority

## Profit and Loss

January - April, 2025

	TOTAL	
	JAN - APR, 2025	JAN - APR, 2024 (PY)
<b>Income</b>		
4000 User Fees		
4000.2 O&M CAUA	148,786.52	144,780.91
<b>Total 4000 User Fees</b>	<b>148,786.52</b>	<b>144,780.91</b>
4001 Capital Project B-4	21,174.99	21,033.58
4005 Capital Replacement		
4005.1 Fees for Cap Rep (Diam & Donn)	60,184.65	59,660.71
4005.2 Fees for Cap Rep (Vandalia)	4,934.15	5,999.28
4005.3 Fees for Cap. Rep. (Paradise)	4,842.35	3,293.99
<b>Total 4005 Capital Replacement</b>	<b>69,961.15</b>	<b>68,953.98</b>
4007 Debt Retirement		
4007.1 Fees for Penn Twp D.R. - Vand.	1,658.30	1,962.43
4007.3 Fees for Calvin Twp D.R. - Para	1,246.11	828.53
<b>Total 4007 Debt Retirement</b>	<b>2,904.41</b>	<b>2,790.96</b>
4009 Sewer Revenue MEC	1,979.37	1,915.24
4010 Tap-in Fees	26,280.00	16,250.00
4030 Penalty & Interest	1,799.91	5,348.54
<b>Total Income</b>	<b>\$272,886.35</b>	<b>\$261,073.21</b>
<b>Cost of Goods Sold</b>		
50000 Cost of Goods Sold		
5114 Village of Cassopolis \$10.92	87,543.67	87,290.77
5118 Flow from City of Dowagiac	50,063.59	47,369.06
<b>Total 50000 Cost of Goods Sold</b>	<b>137,607.26</b>	<b>134,659.83</b>
6039.00 Debt Retirement - Calvin & Penn		
6039.01 Debt Calvin Township Sewer Fund	1,246.11	831.52
6039.03 Debt Penn Twp. - Vand	1,658.30	1,962.44
<b>Total 6039.00 Debt Retirement - Calvin &amp; Penn</b>	<b>2,904.41</b>	<b>2,793.96</b>
<b>Total Cost of Goods Sold</b>	<b>\$140,511.67</b>	<b>\$137,453.79</b>
<b>GROSS PROFIT</b>	<b>\$132,374.68</b>	<b>\$123,619.42</b>
<b>Expenses</b>		
5000 Per Diems	1,215.00	1,345.00
5001 Contracted Services	22,557.08	17,529.18
5005 Office Expenses (supplies/misc)		
5015 Bank Fees	50.00	250.00
<b>Total 5005 Office Expenses (supplies/misc)</b>	<b>50.00</b>	<b>250.00</b>
5021 Interest Expense	1,781.76	2,106.32
5025 Maintenance	6,825.93	8,605.98

# Cassopolis Area Utilities Authority

## Profit and Loss

January - April, 2025

	TOTAL	
	JAN - APR, 2025	JAN - APR, 2024 (PY)
5060 Professional Fee		
5070 Accountant Fees- Audit	3,350.00	9,500.00
5071 Management Costs	11,400.00	8,550.00
<b>Total 5060 Professional Fee</b>	<b>14,750.00</b>	<b>18,050.00</b>
5120 Depreciation	63,951.68	61,696.32
5124 O&M		
5124.01 Utilities (Semco)	1,301.07	965.91
5124.02 Utilities (HAAS)		3,517.05
5124.03 Utilities (Midwest)	5,796.62	5,644.19
5124.04 Utilities (AEP)	10,177.74	8,961.25
<b>Total 5124 O&amp;M</b>	<b>17,275.43</b>	<b>19,088.40</b>
5200 Miscellaneous Expense	630.12	480.12
<b>Total Expenses</b>	<b>\$129,037.00</b>	<b>\$129,151.32</b>
<b>NET OPERATING INCOME</b>	<b>\$3,337.68</b>	<b>\$ -5,531.90</b>
Other Income		
6000 Non-Operating Rev. (Exp.)		
6010 Investment Income		
6015 Interest Income - Bank Accounts	14,434.67	10,992.64
<b>Total 6010 Investment Income</b>	<b>14,434.67</b>	<b>10,992.64</b>
<b>Total 6000 Non-Operating Rev. (Exp.)</b>	<b>14,434.67</b>	<b>10,992.64</b>
6035 CAUA Water System		
6035.01 CAUA Water Income - (Dowagiac)		7,824.50
<b>Total 6035 CAUA Water System</b>		<b>7,824.50</b>
<b>Total Other Income</b>	<b>\$14,434.67</b>	<b>\$18,817.14</b>
<b>NET OTHER INCOME</b>	<b>\$14,434.67</b>	<b>\$18,817.14</b>
<b>NET INCOME</b>	<b>\$17,772.35</b>	<b>\$13,285.24</b>



# Operations Summary

	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	Jan-25	Feb-25	Mar-25	Apr-25
\$ Billed to CCWS Customers	\$24,736	\$25,882	\$34,360	\$28,363	\$29,144	\$39,011	\$23,985	\$24,626	\$24,198	\$24,877	\$22,056	\$24,157	\$26,409
Amount Due to CCWS - 15%	\$3,710	\$3,882	\$5,154	\$4,254	\$4,372	\$5,852	\$3,598	\$3,694	\$3,630	\$3,731	\$3,308	\$3,624	\$3,961
Amount to City - 85%	\$21,025	\$22,000	\$29,206	\$24,108	\$24,772	\$33,160	\$20,387	\$20,932	\$20,568	\$21,145	\$18,748	\$20,533	\$22,447
Average \$ Per Meter Billed	\$30.43	\$31.72	\$41.95	\$34.55	\$35.28	\$47.29	\$29.07	\$29.96	\$29.15	\$29.94	\$26.51	\$28.97	\$31.59
# of Customers Billed - mail	725	726	726	728	737	731	729	730	737	737	736	740	741
# of Customers Billed - email	88	90	93	93	89	94	96	92	93	94	96	94	95
# of Customers Billed - total	813	816	819	821	826	825	825	822	830	831	832	834	836
No Meters/ERTS	9	8	7	8	7	7	7	7	7	7	7	7	7
Permits Issued	2	2	1	3	3	1	1	0	1	1	2	2	5
Cumulative Total	691	693	694	697	700	701	702	702	703	704	706	708	713
New Meters/ERTS Installed	0	0	0	0	0	0	0	0	0	0	0	0	0
Cumulative Total	642	642	642	642	642	642	642	642	642	642	642	642	642
Total Sold	2.001	2.770	4.821	3.507	3.480	3.027	1.924	1.929	1.864	1.891	1.339	1.765	2.388
Total Pumped	2.726	4.521	6.818	7.620	7.392	6.925	4.669	4.093	4.136	3.725	3.381	4.476	4.294
Average	0.088	0.146	0.220	0.246	0.238	0.223	0.151	0.132	0.138	0.120	0.121	0.144	0.139
Maximum	0.266	0.238	0.366	0.422	0.393	0.332	0.248	0.200	0.209	0.203	0.261	0.960	0.286
Minimum	0.129	0.036	0.117	0.014	0.137	0.132	0.077	0.091	0.084	0.031	0.071	0.063	0.067
Rated Capacity of System	3.160	3.160	3.160	3.160	3.160	3.160	3.160	3.160	3.160	3.160	3.160	3.160	3.160
Capacity Used on Peak Day	8.4%	7.5%	11.6%	13.4%	12.4%	10.5%	7.8%	6.3%	6.6%	6.4%	8.3%	30.4%	9.1%



**MICHIGAN DEPARTMENT OF ENVIRONMENT, GREAT LAKES, AND ENERGY  
MONTHLY OPERATION REPORT (MOR) - CLASS D WATER TREATMENT PLANT**

Issued under authority of 1976 PA 399 and the Administrative Rules, as amended. Administrative Rule R 325.11512 says in part, "A supplier of water where treatment is employed shall prepare an operation report on a form provided by the department for each month of operation." Failure to submit this form is a violation of the Act and may subject the water supply to enforcement penalties. MORs with compliance data are due within 10 days of the following month.

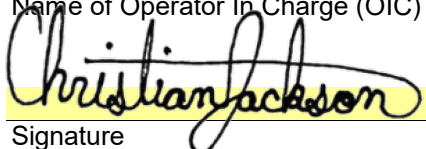
<b>Water Supply Information</b>		
<u>Cass County Water System</u> Supply Name		<u>05234</u> WSSN
<u>Christian Jackson</u> Operator In Charge (OIC)	<u>S-3, D-3</u> System Classification	<u>Apr</u> Month
<u>S-1, D-1</u> Certification Level of OIC	<u>Cass</u> County	<u>2025</u> Year (yyyy)

**Comments**

**Certification**

By signing your name in this field you are certifying that the information you are submitting, to the best of your knowledge, is truthful and accurate. If you are knowingly falsifying data you may be prosecuted under the full extent of the law.

Christian Jackson  
Name of Operator In Charge (OIC)

  
Signature

5/9/2025  
Date Submitted

**Send Completed Report To:** EGLE-DWEH-Kalamazoo@michigan.gov

Department of Environment, Great Lakes, and Energy  
Drinking Water and Environmental Health

PEAS Hotline                      1-800-292-4706

Entry Point - 1  
Cass County Water System

05234

TP001 (Well 1)

Apr

2025

Name of Supply		WSSN		Entry Point (e.g. Well 1 & 2)		Month		Year														
Day of Month	Treated Water		Chlorine Application			Chlorine Residual - mg/L		Phosphate Application			Ortho Analysis	Fluoride Application			FI Analysis		pH/Alkalinity Adjust. Chem			Comments		
	Metered		NSF Max Dose: 12.50%		84 mg/L	Entry Point		NSF Max Dose: 4.92%		12 mg/L	Entry Point mg/L	NSF Max Dose: 19.00%		6 mg/L		Raw Water mg/L	Entry Point mg/L	NSF Max Dose: 0.00%				
	Million Gallons	Million Lbs	Solution Lbs	Avail Cl or Gas in Lbs	Cl Applied mg/L	Free	Total	Solution Lbs	Avail PO <sub>4</sub> Lbs	PO <sub>4</sub> Applied mg/L		Orth App mg/L	Solution Lbs	Avail Fluoride Lbs	Fluoride Applied mg/L			Solution Lbs	Avail Chem Lbs		Chem Applied mg/L	
1																						
2																						
3																						
4																						
5																						
6																						
7																						
8																						
9																						
10																						
11																						
12																						
13																						
14																						
15	0.1360	1.1342	48.60	6.08	5.36	1.22	2.66	37.58	1.85	1.63	0.16	0.40	2.00	0.38	0.34	0.19	0.65					
16	0.1520	1.2677	49.80	6.23	4.91	1.44	1.80	29.23	1.44	1.13	0.11		2.10	0.40	0.31	0.11	0.70					
17	0.1630	1.3594	58.80	7.35	5.41	1.41	2.29	29.23	1.44	1.06	0.11		2.40	0.46	0.34	0.14	0.64					
18	0.1670	1.3928	59.80	7.48	5.37	1.38	2.50	33.40	1.64	1.18	0.12		2.50	0.48	0.34	0.26	0.76					
19	0.1660	1.3844	59.80	7.48	5.40			41.75	2.05	1.48	0.15		2.60	0.49	0.36							
20	0.2190	1.8265	80.20	10.03	5.49			33.40	1.64	0.90	0.09		3.25	0.62	0.34							
21	0.1670	1.3928	60.80	7.60	5.46	1.31	2.06	33.40	1.64	1.18	0.12	0.16	2.45	0.47	0.33	0.17	0.62					
22	0.1210	1.0091	45.60	5.70	5.65	1.49	2.22	16.70	0.82	0.81	0.08		1.80	0.34	0.34	0.30	0.95					
23	0.2860	2.3852	101.60	12.70	5.32	1.31	1.86	66.80	3.29	1.38	0.14		4.25	0.81	0.34	0.21	0.76					
24	0.1180	0.9841	40.60	5.08	5.16	1.28	1.64	16.70	0.82	0.83	0.08		1.75	0.33	0.34	0.44	0.75					
25	0.1390	1.1593	42.80	5.35	4.62	1.48	1.93	54.28	2.67	2.30	0.23		2.15	0.41	0.35	0.20	0.74					
26	0.0920	0.7673	32.20	4.03	5.25			20.88	1.03	1.34	0.13		1.40	0.27	0.35							
27	0.2400	2.0016	82.60	10.33	5.16			37.58	1.85	0.92	0.09		3.55	0.67	0.34							
28	0.1170	0.9758	41.10	5.14	5.27	1.10	2.16	20.88	1.03	1.05	0.11	0.34	1.75	0.33	0.34	0.21	0.64					
29	0.1460	1.2176	53.00	6.63	5.44	1.20	3.27	29.23	1.44	1.18	0.12		2.35	0.45	0.37	0.16	0.87					
30	0.1330	1.1092	41.80	5.23	4.71	1.17	2.59	20.88	1.03	0.93	0.09		2.00	0.38	0.34	0.23	0.73					
31																						
Total	2.5620	21.3671	899.10					521.88					38.30									
Maximum	0.2860	2.3852	101.60	12.70	5.65	1.49	3.27	66.80	3.29	2.30	0.23	0.40	4.25	0.81	0.37	0.44	0.95					
Minimum	0.0920	0.7673	32.20	4.03	4.62	1.10	1.64	16.70	0.82	0.81	0.08	0.16	1.40	0.27	0.31	0.11	0.62					
																	Average	0.73				

Entry Point - 2  
Cass County Water System

05234

TP002 (Well 2)

Apr

2025

Name of Supply

WSSN

Entry Point (e.g. Well 1 & 2)

Month

Year

Day of Month	Treated Water		Chlorine Application			Chlorine Residual - mg/L		Phosphate Application				Ortho Analysis	Fluoride Application			FI Analysis		pH/Alkalinity Adjust. Chem			Comments
	Metered		NSF Max Dose:		84 mg/L	Entry Point		NSF Max Dose:		12 mg/L	Entry Point mg/L	NSF Max Dose:		6 mg/L	Raw Water mg/L	Entry Point mg/L	NSF Max Dose:		Chem Applied mg/L		
	Million Gallons	Million Lbs	12.50%	Avail Cl or Gas in Solution	Cl Applied mg/L	Free	Total	4.92%	Avail PO <sub>4</sub>	PO <sub>4</sub> Applied mg/L		10.00%	19.00%	Avail Fluoride			Fluoride Applied mg/L	0.00%		Avail Chem	
			Lbs	Lbs				Lbs	Lbs	mg/L	mg/L	Lbs	Lbs	mg/L	mg/L	Lbs	Lbs				
1	0.1090	0.90906	37.00	4.63	5.09	1.12	2.81	50.10	2.46	2.71	0.27		1.55	0.29	0.32	0.06	0.73				
2	0.1250	1.04250	46.00	5.75	5.52	1.26	2.69	50.10	2.46	2.36	0.24		1.55	0.29	0.28	0.11	0.68				
3	0.1170	0.97578	41.80	5.23	5.35	1.01	2.89	50.10	2.46	2.53	0.25		1.85	0.35	0.36	0.11	0.79				
4	0.1220	1.01748	44.80	5.60	5.50	1.00	2.87	58.45	2.88	2.83	0.28		1.60	0.30	0.30	0.15	0.74				
5	0.1280	1.06752	47.00	5.88	5.50			50.10	2.46	2.31	0.23		1.75	0.33	0.31						
6	0.1230	1.02582	44.40	5.55	5.41			45.93	2.26	2.20	0.22		1.60	0.30	0.30						
7	0.1430	1.19262	51.80	6.48	5.43	1.15	2.03	70.98	3.49	2.93	0.29	0.20	1.95	0.37	0.31	0.18	0.81				
8	0.1130	0.94242	40.60	5.08	5.39	1.20	2.61	41.75	2.05	2.18	0.22		1.50	0.29	0.30	0.21	0.89				
9	0.1420	1.18428	52.40	6.55	5.53	1.31	2.41	62.63	3.08	2.60	0.26		0.45	0.09	0.07	0.13	0.80				
10	0.0900	0.75060	32.80	4.10	5.46	1.38	2.49	50.10	2.46	3.28	0.33		1.10	0.21	0.28	0.17	0.57				
11	0.1460	1.21764	53.00	6.63	5.44	1.63	2.55	66.80	3.29	2.70	0.27		2.15	0.41	0.34	0.52	0.90				
12	0.1000	0.83400	36.40	4.55	5.46			50.10	2.46	2.96	0.30		1.45	0.28	0.33						
13	0.1980	1.65132	70.00	8.75	5.30			83.50	4.11	2.49	0.25		2.95	0.56	0.34						
14	0.0670	0.55878	21.20	2.65	4.74	1.30	2.68	29.23	1.44	2.57	0.26		0.95	0.18	0.32	0.72	0.73				
15																					
16																					
17																					
18																					
19																					
20																					
21																					
22																					
23																					
24																					
25																					
26																					
27																					
28																					
29																					
30																					
31																					
Total	1.72300	14.36982	619.20					759.85					22.40								
Maximum	0.19800	1.65132	70.00	8.75	5.53	1.63	2.89	83.50	4.11	3.28	0.33	0.20	2.95	0.56	0.36	0.72	0.90				
Minimum	0.06700	0.55878	21.20	2.65	4.74	1.00	2.03	29.23	1.44	2.18	0.22	0.20	0.45	0.09	0.07	0.06	0.57				
																	Average	0.76			

**Distribution - Bacti and CI Residual**

Cass County Water System

05234

Garrett

Apr

2025

Name of Supply

WSSN

Lab Used

Month

Year

2 Routine samples required

Repeat samples taken

2 Routine samples taken

Repeat samples total coliform positive

Routine samples positive

Analytical Method

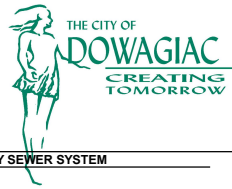
Chlorine Residual From Routine & Repeat		
Ave	0.84	1.00
Min	0.58	0.67
Max	1.09	1.32

**This section should follow the systems site sampling plan**

Distribution System - Routine Samples (per site sampling plan)					
Count	Sample Location	Date Collected	Total Coliform Result	Chlorine Residual mg/l	
				Free	Total
1	Penn Tower	04/16/25	ND	0.58	0.67
2	Yacht Club	04/16/25	ND	1.09	1.32
3					
4					
5					
6					
7					
8					
9					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					

Repeat Samples (collected when routines are +, per your site sampling plan)					
Count	Sample Location	Date Collected	Total Coliform Result	Chlorine Residual mg/L	
				Free	Total
1					
2					
3					
4					
5					
6					
7					
8					
9					

Other: well samples, entry point (plant tap), samples following construction/repair, etc.					
Count	Sample Location	Date Collected	Total Coliform Result	Chlorine Residual mg/L	
				Free	Total
1					
2					
3					
4					
5					
6					
7					
8					
9					



# CAUA Sewer Operations Summary

## CASS COUNTY SEWER SYSTEM

For the Month Ending:	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	Jan-25	Feb-25	Mar-25	Apr-25
<b>Billing Summary:</b>													
\$ Billed to CAUA Sewer Customers				\$ 74,956.60	\$ 74,956.60	\$ 75,048.60	\$ 75,093.64	\$ 75,093.60	\$ 74,997.60	\$ 74,997.60	\$ 74,997.60	\$ 74,997.60	\$ 74,997.60
Customers Billed				1557	1557	1559	1560	1560	1558	1558	1558	1558	1558
<b>Wastewater Treatment Cost- City of Dowagiac</b>													
				\$ 18,687.08	\$ 13,880.75	\$ 12,523.25	\$ 12,498.46	\$ 15,208.22	\$ 13,212.58	\$ 12,503.10	\$ 13,233.33		11114.58
<b>Cost of Maintenance of Collection System- Village Interceptor</b>													
				\$ 21,875.38	\$ 21,903.48	\$ 21,917.53	\$ 21,917.53	\$ 21,889.43	\$ 21,889.43	\$ 21,889.43	\$ 21,889.43	\$ 21,889.43	\$ 21,875.38
					\$ 18,251.19			\$ 54,821.28	0	0	0	0	0
<b>Cash Assets (Sewer Accounts):</b>													
Balance Sheet				\$ 979,768.24	\$ 894,310.40	\$ 902,042.47	\$ 893,634.88	\$ 913,394.65	\$ 1,130,486.34	\$ 1,032,612.22	\$ 1,156,705.00	\$ 1,210,048.39	
<b>Flow - Monthly reads</b>													
CAUA (B-4 Reading)	5,313,500	6,466,600	7,766,300	10,967,000	8,577,600	6,888,700	6,104,900	5,972,300	6,522,400	6,557,100	6,205,000	6,567,400	5,515,910
Village	5,846,900	5,488,100	5,866,700	6,331,300	6,079,500	6,158,900	6,265,000	6,031,200	5,685,600	5,413,300	4,916,000	4,953,400	5,533,590
Total (Interceptor LS3 Reading)	11,160,400	11,954,700	13,633,000	17,298,300	14,657,100	13,047,600	12,369,900	12,003,500	12,208,000	11,970,400	11,121,000	11,520,800	11,049,500
<b>Avg Daily Flow</b>													
CAUA	177,117	208,600	250,526	365,567	276,697	229,623	196,932	199,077	210,400	211,519	221,607	211,852	183,864
Village	194,897	177,035	189,248	211,043	196,113	205,297	202,097	201,040	183,406	174,623	175,571	159,787	184,453
Total	372,013	385,635	439,774	576,610	472,810	434,920	399,029	400,117	393,806	386,142	397,179	371,639	368,317
<b>Flow - Contractual</b>													
CAUA	320,500	320,500	320,500	320,500	320,500	320,500	320,500	320,500	320,500	320,500	320,500	320,500	320,500
Village	205,000	205,000	205,000	205,000	205,000	205,000	205,000	205,000	205,000	205,000	205,000	205,000	205,000
Total	525,500	525,500	525,500	525,500	525,500	525,500	525,500	525,500	525,500	525,500	525,500	525,500	525,500
<b>% Allocation Used</b>													
CAUA	55%	65%	78%	114%	86%	72%	61%	62%	66%	66%	69%	66%	57%
Village	95%	86%	92%	103%	96%	100%	99%	98%	89%	85%	86%	78%	90%
Total	71%	73%	84%	110%	90%	83%	76%	76%	75%	73%	76%	71%	70%

# Cassopolis Area Utilities Authority

## Budget Projection Worksheet

2023-2027

	2023	2024	0% 2025	3% 2026	3% 2027	3% 2028	3% 2029
<b>Income</b>							
<b>4000 User Fees</b>							
4000.2 O&M CAUA	\$ 548,055.20	\$ 545,848.94	\$ 545,848.94	\$ 562,224.41	\$ 579,091.14	\$ 596,463.87	\$ 614,357.79
<b>Total 4000 User Fees</b>	<b>\$ 548,055.20</b>	<b>\$ 545,848.94</b>	<b>\$ 545,848.94</b>	<b>\$ 562,224.41</b>	<b>\$ 579,091.14</b>	<b>\$ 596,463.87</b>	<b>\$ 614,357.79</b>
<b>4001 Capital Projects</b>	\$ 77,136.54	\$ 77,728.53	\$ 77,728.53	\$ 80,060.39	\$ 82,462.20	\$ 84,936.06	\$ 87,484.15
<b>4005 Capital Replacement</b>							
4005.1 Fees for Cap Rep (Diam & Donn)	\$ 219,564.12	\$ 221,411.00	\$ 221,411.00	\$ 228,053.33	\$ 234,894.93	\$ 241,941.78	\$ 249,200.03
4005.2 Fees for Cap Rep (Vandalia)	\$ 21,793.08	\$ 21,967.26	\$ 21,967.26	\$ 22,626.28	\$ 23,305.07	\$ 24,004.22	\$ 24,724.34
4005.3 Fees for Cap. Rep. (Paradise)	\$ 14,289.47	\$ 14,254.23	\$ 14,254.23	\$ 14,681.86	\$ 15,122.31	\$ 15,575.98	\$ 16,043.26
<b>Total 4005 Capital Replacement</b>	<b>\$ 255,646.67</b>	<b>\$ 257,632.49</b>	<b>\$ 257,632.49</b>	<b>\$ 265,361.46</b>	<b>\$ 273,322.31</b>	<b>\$ 281,521.98</b>	<b>\$ 289,967.64</b>
<b>4007 Debt Retirement</b>							
4007.1 Fees for Penn Twp D.R. - Vand.	\$ 7,527.83	\$ 7,420.99	\$ 7,900.00	\$ 7,900.00	\$ 7,900.00	\$ 7,901.00	\$ 7,902.00
4007.3 Fees for Calvin Twp D.R. - Para	\$ 3,701.94	\$ 3,398.31	\$ 4,000.00	\$ 4,000.00	\$ 4,000.00	\$ 4,001.00	\$ 4,002.00
<b>Total 4007 Debt Retirement</b>	<b>\$ 11,229.77</b>	<b>\$ 10,819.30</b>	<b>\$ 11,900.00</b>	<b>\$ 11,900.00</b>	<b>\$ 11,900.00</b>	<b>\$ 11,902.00</b>	<b>\$ 11,904.00</b>
<b>4009 Sewer Revenue MEC</b>	\$ 6,259.28	\$ 6,019.75	\$ 6,019.75	\$ 6,200.34	\$ 6,386.35	\$ 6,577.94	\$ 6,775.28
<b>4010 Tap-in Fees</b>	\$ 51,780.00	\$ 16,250.00	\$ 16,250.00	\$ 16,737.50	\$ 17,239.63	\$ 17,756.81	\$ 18,289.52
<b>4030 Penalty &amp; Interest</b>	\$ 10,042.11	\$ 16,643.35	\$ 10,000.00	\$ 10,000.00	\$ 10,000.00	\$ 10,001.00	\$ 10,002.00
<b>4040 12/31 A/R non allocable</b>	\$ (3,581.07)	\$ 6,750.20					
<b>4050 Grant - State Revenue</b>							
<b>Total Income</b>	<b>\$ 956,568.50</b>	<b>\$ 937,692.56</b>	<b>\$ 925,379.71</b>	<b>\$ 952,484.10</b>	<b>\$ 980,401.62</b>	<b>\$ 1,009,159.67</b>	<b>\$ 1,038,780.37</b>
<b>Cost of Goods Sold</b>							
<b>50000 Cost of Goods Sold</b>	0%	0.00%	5.00%	5.00%	3.00%	3.00%	3.00%
5114 Village of Cassopolis \$10.92	\$ 254,384.85	\$ 262,364.06	\$ 275,482.26	\$ 289,256.38	\$ 297,934.07	\$ 306,872.09	\$ 316,078.25
5118 Flow from City of Dowagiac	\$ 154,179.27	\$ 168,094.68	\$ 176,499.41	\$ 185,324.38	\$ 190,884.12	\$ 196,610.64	\$ 202,508.96
<b>Total 50000 Cost of Goods Sold</b>	<b>\$ 408,564.12</b>	<b>\$ 430,458.74</b>	<b>\$ 451,981.68</b>	<b>\$ 474,580.76</b>	<b>\$ 488,818.18</b>	<b>\$ 503,482.73</b>	<b>\$ 518,587.21</b>
<b>6039.00 Debt Retirement - Calvin &amp; Penn</b>							
6039.01 Debt Calvin Township Sewer Fund	\$ 3,553.86	\$ 3,090.87	\$ 3,090.87	\$ 3,090.87	\$ 3,090.87	\$ 3,090.87	\$ 3,090.87
6039.03 Debt Penn Twp. - Vand	\$ 6,533.19	\$ 6,792.99	\$ 6,792.99	\$ 6,792.99	\$ 6,792.99	\$ 6,792.99	\$ 6,792.99
<b>Total 6039.00 Debt Retirement - Calvin &amp; Penn</b>	<b>\$ 10,087.05</b>	<b>\$ 9,883.86</b>	<b>\$ 9,883.86</b>	<b>\$ 9,883.86</b>	<b>\$ 9,883.86</b>	<b>\$ 9,883.86</b>	<b>\$ 9,883.86</b>
<b>Total Cost of Goods Sold</b>	<b>\$ 418,651.17</b>	<b>\$ 440,342.60</b>	<b>\$ 461,865.54</b>	<b>\$ 484,464.62</b>	<b>\$ 498,702.04</b>	<b>\$ 513,366.59</b>	<b>\$ 528,471.07</b>
<b>Gross Profit</b>	<b>\$ 537,917.33</b>	<b>\$ 497,349.96</b>	<b>\$ 463,514.17</b>	<b>\$ 468,019.48</b>	<b>\$ 481,699.58</b>	<b>\$ 495,793.08</b>	<b>\$ 510,309.30</b>
<b>Expenses</b>							
5000 Per Diems	\$ 3,980.00	\$ 4,475.00	\$ 4,475.00	\$ 4,475.00	\$ 4,475.00	\$ 4,475.00	\$ 4,475.00
5001 Contracted Services	\$ 76,453.42	\$ 188,291.85	\$ 197,706.44	\$ 100,000.00	\$ 103,000.00	\$ 106,090.00	\$ 109,272.70
5001.05 Saw Grant Expenses							
5005 Office Expenses (supplies/misc)	\$ 317.10		\$ -	\$ -	\$ -	\$ -	\$ -



**Cassopolis Area Utilities Authority**  
**Budget Projection Worksheet**  
 2023-2027

	2023	2024	0% 2025	3% 2026	3% 2027	3% 2028	3% 2029
<b>Cash Available for Capital Projects</b>	<b>PROJECTED</b>	<b>PROJECTED</b>	<b>Actual</b>				
<b>Beginning Cash Balance</b>	\$ 809,000.00	\$ 673,142.82	\$ 912,624.32	\$ 887,058.42	\$ 1,053,335.38	\$ 1,110,804.77	\$ 1,279,107.31
<b>Operating Income</b>	\$ 127,416.09	\$ (19,220.65)	\$ (66,112.86)	\$ 22,722.70	\$ 24,936.54	\$ 27,171.64	\$ 29,431.87
<b>Investment Income</b>	\$ 17,449.73	\$ 31,801.00	\$ 31,801.00	\$ 31,801.00	\$ 31,801.00	\$ 31,801.00	\$ 31,801.00
<b>Depreciation</b>	\$ 179,277.00	\$ 189,745.96	\$ 189,745.96	\$ 199,233.26	\$ 205,210.26	\$ 211,366.56	\$ 217,707.56
	<b>\$ 1,133,142.82</b>	<b>\$ 875,469.13</b>	<b>\$ 1,068,058.42</b>	<b>\$ 1,140,815.38</b>	<b>\$ 1,315,283.17</b>	<b>\$ 1,381,143.98</b>	<b>\$ 1,558,047.74</b>
<b>Capital Projects</b>		8%	8%	8%	8%	8%	8%
Project - Repairs of Sewer Lines	\$ 400,000.00	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Project - Lift Station Upgrade	\$ 60,000.00	\$ 64,800.00	\$ 100,000.00	\$ -	\$ 110,000.00	\$ -	\$ 125,000.00
Project -Continual Reinvestment		\$ 75,000.00	\$ 81,000.00	\$ 87,480.00	\$ 94,478.40	\$ 102,036.67	\$ 110,199.61
Interceptor Capital Projects		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
<b>Total</b>	<b>\$ 460,000.00</b>	<b>\$ 139,800.00</b>	<b>\$ 181,000.00</b>	<b>\$ 87,480.00</b>	<b>\$ 204,478.40</b>	<b>\$ 102,036.67</b>	<b>\$ 235,199.61</b>
	<b>\$ 673,142.82</b>	<b>\$ 735,669.13</b>	<b>\$ 887,058.42</b>	<b>\$ 1,053,335.38</b>	<b>\$ 1,110,804.77</b>	<b>\$ 1,279,107.31</b>	<b>\$ 1,322,848.14</b>
<b>Working Capital Target</b>	\$ 500,000.00	\$ 500,000.00	\$ 525,000.00	\$ 551,250.00	\$ 567,787.50	\$ 584,821.13	\$ 602,365.76

**Cassopolis Area Utilities Authority**  
**Check Report**  
**May 2025**

<b>Date</b>	<b>Transaction Type</b>	<b>Num</b>	<b>Name</b>	<b>Credit</b>
05/14/2025	Bill Payment (Check)	2996	Penn Township - Sewer Fund	1,067.27
05/14/2025	Bill Payment (Check)	2997	Dean Hass	75.00
05/14/2025	Bill Payment (Check)	2998	Yeo & Yeo CPAs & Business Consultants	1,350.00
05/14/2025	Bill Payment (Check)	2999	Tonia Betty	55.00
05/14/2025	Bill Payment (Check)	3000	Dwight Dyes	55.00
05/14/2025	Bill Payment (Check)	3001	Village of Cassopolis	25,240.99
05/14/2025	Bill Payment (Check)	3002	Gene Decker	55.00
05/14/2025	Bill Payment (Check)	3003	Emilie LaGrow	55.00
05/14/2025	Bill Payment (Check)	3004	Cass County Treasurer	932.16
05/14/2025	Bill Payment (Check)	3005	City of Dowagiac	9,675.93
05/14/2025	Bill Payment (Check)	3006	Harry Shaffer III	55.00
05/14/2025	Bill Payment (Check)	3007	Jon Krebs	55.00
05/19/2025	Bill Payment (Check)	EFT	AEP	2,761.29
05/19/2025	Bill Payment (Check)	EFT	Midwest Energy	1,446.38
05/19/2025	Bill Payment (Check)	EFT	SemcoEmergy	516.14
05/19/2025	Bill Payment (Check)	EFT	Verizon Wireless	120.03

43,515.19