AGENDA

VILLAGE OF LITTLE CHUTE UTILITY COMMISSION MEETING

PLACE: Little Chute Village Hall, Board Room
DATE: Tuesday, September 17, 2024
TIME: 5:00 p.m.

Join Zoom Meeting
https://us06web.zoom.us/j/85181950336
Meeting ID: 851 8195 0336
• +1 312 626 6799 US (Chicago)

A. Call to Order
B. Roll Call
C. Public Appearance for Items Not on the Agenda

---

1. Approval of Minutes of August 20, 2024

2. Discussion/Possible Action – Nestle Meter Update

3. Discussion/Action – 1052 W Florida Avenue Disputed Water Volume Charge on August 15 Invoice

4. Discussion/Action—Sewer Rate Study

5. Progress Reports
    a. MCO Operations Update
    b. Director of Public Works
    c. Finance Director

6. Approval of Vouchers

7. Unfinished Business

8. Items for Future Agenda

9. Adjournment

Requests from persons with disabilities who need assistance to participate in this meeting should be made with as much advance notice as possible to the Clerk's Office at 108 West Main Street, (920) 423-3852
Prepared: September 11, 2024

MINUTES OF THE UTILITY COMMISSION MEETING OF AUGUST 20, 2024

Call to Order
The Utility Commission meeting was called to order at 5:00 PM by Kevin Coffey, Chair

Roll Call
PRESENT: Kevin Coffey, Chair
Tom Buchholz
Mike Vanden Berg
Ken Verstegen
Jessica Schultz

ALSO PRESENT: Kent Taylor, Lisa Remiker-Dewall, Beau Bernhoft, Jerry Verstegen with MCO

Public Appearance for Items Not on the Agenda
None

Approval of Minutes from the Utility Commission Meeting of July 16, 2024

Moved by T. Buccholz, seconded by K. Verstegen to Approve Minutes from the Utility Commission of July 16, 2024.

All Ayes – Motion Carried

Discussion/Action – Nestle Meter Update
Director Remiker-DeWall provided a report with data on Nestle Meter usage. Marcus Brenneman with Nestle attended virtually to discuss that they are trying to get a mid-year capital request but not sure it will be approved but hopes to have an answer by next Utility Commission Meeting. He also requested a meeting with Village Staff over valves and meters to discuss issues. Staff will reach out via email and schedule.

Moved by K. Coffey, seconded by T. Buchholz to bill Nestle at 59% starting with the July 3 - August 5 invoice with the understanding Nestle will resolve the meter placement issue by December 31, 2024 or revert to 68.67%.

All Ayes – Motion Carried

Discussion – Stormwater Update
Director Taylor provided an overview of stormwater events and issues. Discussed actions moving forward with investigating and plans to address future events.

Discussion/Recommendation – Water Truck Replacement
Jerry Verstegen provided an overview on vehicles owned by the Village of Little Chute. The department sent out RFPs to 5 dealerships and received 3 proposals back. The lowest from Les Stump Ford for $36,148, it would then be outfitted with toolboxes, racks and safety lights.

Moved by T. Buchholz, seconded by J. Schultze to recommend the purchase of a truck from Les Stump Ford for $36,148.

All Ayes – Motion Carried

Discussion – Landfill Update
Administrator Bernhoft provided an overview on happenings at the Landfill.

Progress Reports

Approval of Vouchers

Moved by T. Buchholz, seconded by K. Verstegen, to Approve and Authorize payment of Vouchers and draw from the respective funds.

All Ayes – Motion Carried

Unfinished Business

Items for Future Agendas
Nestle Rate Discussion

Adjournment

Moved by K, Coffey seconded by J. Schultz to Adjourn Utility Commission Metting at 5:35 p.m.

VILLAGE OF LITTLE CHUTE

By: _____
Kevin Coffey, Chair

Attest: _____
Laurie Decker, Village Clerk

Item For Consideration

For Commission Review On: September 17, 2024,
Agenda Item Topic: Nestle Sewer Meter

Prepared On: September 9, 2024
Prepared By: Finance & DPW

Report: On September 6th, the Village received the August meter report from Nestle (inception to date reads attached) with the following verbiage, "Attached is the meter report August YTD. No issues with the meter noted this month."

Historically, at the June 20, 2023, meeting, action taken by the Commission stated Nestle was to be invoiced at 68.7% of water consumption until reliable meter history could be accumulated for one year. Each month since this action, the Utilities Commission was provided with updated meter reports in comparison to water usage. A meeting was held with Nestle and the Village Staff on July 12, 2024. Subsequently, Plant Manager Marcus Brenneman attended the July Utilities Commission meeting to present the 2023 Evaporation Estimates and other relevant data. After Utilities Commission discussion, staff was directed to meet and present back to the Utilities Commission in August a percentage to bill Nestle in the interim while Nestle installs a dedicated manhole to facilitate observation, accurate measurement, and sampling of wastes in a nonconvergent exclusive flow according to industry standards for meter placement. At the August 2024 Utilities Commission, it was approved to bill Nestle at 59% for sewer volume with a start date effective for meter read from July 3 to August 5.

50.00%	Nestle Proposal
68.67%	Current Billing %
118.67%	
59.34%	Average
59.00%	Rounded for ease

In anticipation of proposed Sewer Ordinance changes as a part of the current ongoing rate study, action was also taken to reimburse Nestle for the invoiced cost of the meter purchased (in 2022) if Nestle constructs the specified control manhole to facilitate observation, accurate measurement, and sampling of wastes in a nonconvergent exclusive flow according to industry standards for meter placement by December 31, 2024. The monthly billing will revert 68.67% in January 2025 if the manhole has not been installed and functioning to the Village's satisfaction. The reimbursement for the meter will take place after the Utilities Commission approves a minimum of six months data monitoring for the new meter placement.

Item For Consideration

Marcus Brenneman stated he was still trying to seek approval for the capital expenditure in 2024 as it was past the request for capital expense deadline. He expected to have an answer at the September meeting and would report back.

Fiscal Impact: Sewer Utility industrial revenues and equity considerations to ratepayers.

Recommendation/Commission Action: No action is needed if Nestle has attained approval.

Respectfully Submitted,

Lisa Remiker-DeWall, Finance Director
Kent Taylor, Department of Public Works Director

Meter Read Dates	Village Invoice Based on Water Volume	Nestle Sewer Meter				Days		Adjusted Metered Sewer	
12/09/22 to 01/06/23	3,465,852	2,467,630	71.20%	Missing 12/18,12/19, and 12/31; **88,129** was average*				2,732,017	78.83%
01/07/23 to 02/08/23	3,920,323	2,637,122	67.27%	**82,410** average				2,637,122	67.27%
02/09/23 to 03/08/23	3,196,009	1,507,659	47.17%	**55,839** average				1,507,659	47.17%
03/09/23 to 04/07/23	3,413,947	2,552,022	74.75%	Missing 3/21 & 3/22, **91,143** was average*				2,734,308	80.09%
	13,996,131	**9,164,433**	**65.48%**					**9,611,106**	**68.67%**
04/08/23 to 05/09/23	4,544,815		0.00%	Meter malfunctioning so data not available					
05/10/23 to 06/09/23	4,134,641		0.00%	Meter malfunctioning so data not available					
06/10/23 to 07/06/23	3,973,184		0.00%	Meter malfunctioning so data not available					
07/07/23 to 08/08/23	5,202,565		0.00%	Inaccurate data for part of the period					
08/09/23 to 09/07/23	4,662,383	1,786,034	38.31%	**59,534**	average	30			
09/08/23 to 10/06/23	4,416,942	1,376,796	31.17%	**47,476**	average	29			
10/07/23 to 11/07/23	4,364,126	1,576,548	36.13%	**49,267**	average	32			
11/08/23 to 12/07/23	3,386,644	1,037,675	30.64%	**34,589**	average	30			
12/08/23 to 01/05/24	2,568,454	994,282	38.71%	**34,286**	average	29			
01/06/24 to 02/06/24	2,978,732	1,026,058	34.45%	**31,093**	average	33			
02/07/24 to 03/07/24	3,088,293	857,655	27.77%	**29,574**	average	29			
03/08/24 to 04/04/24	2,743,785	864,605	31.51%	**32,022**	average	27			
04/05/24 to 05/06/24	3,603,679	1,195,632	33.18%	**38,569**	average	31	4/25-6/7 low chamber malfunction resulted in estimated volume addition of 155,045 of 606,085 total based on 12 month history	4/25-8/5 valve malfunction resulting in water bypassing meter estimated volume addition of 188,078 of 1,743,996 total based on 12 month history	
05/07/24 to 06/05/24	3,307,818	1,426,683	43.13%	**49,196**	average	29	4/25-6/7 low chamber malfunction resulted in estimated volume addition of 422,850 of 606,085 total based on 12 month history	4/25-8/5 valve malfunction resulting in water bypassing meter estimated volume addition of 512,940 of 1,743,996 total based on 12 month history	
06/06/24 to 07/01/24	2,931,755	1,473,397	50.26%	**58,936**	average	25	4/25-6/7 low chamber malfunction resulted in estimated volume addition of 28,190 of 606,085 total based on 12 month history	4/25-8/5 valve malfunction resulting in water bypassing meter estimated volume addition of 444,548 of 1,743,996 total based on 12 month history	
07/02/24 to 08/05/24	4,322,061	2,043,845	47.29%	**60,113**	average	34		4/25-8/5 valve malfunction resulting in water bypassing meter estimated volume addition of 598,430 of 1,743,996 total based on 12 month history	
08/06/2024 to 09/04/2024	4,355,728		0.00%		average	30		8/6-9/5 valve malfunction resulting in water bypassing meter estimated volume addition of 351,150 gallons based on 12 month history before valve bypass discovered	

Monthly Production — December 2022

Monthly Statistics	
Total	1,182,320
Days Pumped	16
Average	73,895
Maximum Total	130,532
on Day	17
Minimum Total	28,101
on Day	9

Daily Statistics	
Maximum	130,532
Minimum	28,101

Location Statistics	
Maximum	1,182,320
at Location	Effluent Flow Meter
Minimum	0
at Location	Future

Date	Effluent Flow Meter	Future	Future	Total
1				
2				
3	43,771			**43,771**
4	65,027			**65,027**
5	76,295			76,295
6	68,094			**68,094**
7	62,450			**62,450**
8	88,028			**88,028**
9	28,101			**28,101**
10	118,574			118,574
11	76,748			**76,748**
12	79,349			**79,349**
13	60,989			**60,989**
14	62,090			**62,090**
15	66,972			66,972
16	67,603			**67,603**
17	130,532			**130,532**
18	87,697			**87,697**
19				
20				
21				
22				
23				
24				
25				
26				
27				
28				
29				
30				
31				
Totals	1,182,320	0	0	1,182,320
Total Cost	$4,185.06	$0.00	$0.00	$4,185.06

Day lag in December data 12/9-12/17 866,683

Per Nestle, communication issue with meter and when it re-connected it started the report over instead of adding days thus two reports for December

Monthly Production — December 2022

Monthly Statistics	
Total	1,051,285
Days Pumped	11
Average	95,571
Maximum Total	228,502
on Day	24
Minimum Total	49,858
on Day	26

Daily Statistics	
Maximum	228,502
Minimum	49,858

Location Statistics	
Maximum	1,051,285
at Location	Effluent Flow Meter
Minimum	0
at Location	Future

Date	Effluent Flow Meter				Total
1					
2					
3					
4					
5					
6					
7					
8					
9					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21	71,802				**71,802**
22	57,716				**57,716**
23	112,093				**112,093**
24	228,502				**228,502**
25	51,354				51,354
26	49,858				**49,858**
27	84,520				**84,520**
28	59,806				**59,806**
29	74,032				**74,032**
30	74,604				74,604
31	186,998				**186,998**
Totals	1,051,285				1,051,285
Total Cost	$0.00				$0.00

Day lag in December Data 12/20-12/30 1,051,285

Per Nestle, communication issue with meter and when it re-connected it started the report over instead of adding days thus two reports for December 2022

Monthly Production

January 2023

Monthly Statistics	
Total	2,821,042
Days Pumped	31
Average	91,001
Maximum Total	169,819
on Day	20
Minimum Total	49,720
on Day	#N/A

Daily Statistics	
Maximum	169,819
Minimum	49,720

Location Statistics	
Maximum	2,821,042
at Location	Effluent Flow Meter
Minimum	0
at Location	Future

Date	Effluent Flow Meter				Total
1	55,096				55,096
2	79,627				79,627
3	71,780				71,780
4	74,362				74,362
5	127,906				127,906
6	140,891				140,891
7	60,021				60,021
8	76,495				76,495
9	91,942				91,942
10	96,018				96,018
11	82,938				82,938
12	97,464				97,464
13	137,320				137,320
14	90,404				90,404
15	87,419				87,419
16	69,987				69,987
17	124,070				124,070
18	72,637				72,637
19	67,536				67,536
20	169,819				169,819
21	61,689				61,689
22	56,234				56,234
23	63,174				63,174
24	143,078				143,078
25	120,575				120,575
26	99,809				99,809
27	156,952				156,952
28	75,755				75,755
29	56,671				56,671
30	49,720				49,720
31	63,653				63,653
Totals	2,821,042				2,821,042
Total Cost	$0.00				$0.00

1/1 to 1/6 549,662
1/7-131 2,271,380

Monthly Production

February 2023

Monthly Statistics	
Total	1,370,007
Days Pumped	28
Average	48,929
Maximum Total	98,904
on Day	24
Minimum Total	29,492
on Day	25

Daily Statistics	
Maximum	98,904
Minimum	29,492

Location Statistics	
Maximum	1,370,007
at Location	Effluent Flow Meter
Minimum	0
at Location	Future

Date	Effluent Flow Meter				Total
1	37,435				37,435
2	34,641				34,641
3	92,599				92,599
4	32,644				32,644
5	32,275				32,275
6	49,242				49,242
7	46,808				46,808
8	40,098				40,098
9	40,539				40,539
10	68,996				68,996
11	39,086				39,086
12	50,487				50,487
13	37,265				37,265
14	43,342				43,342
15	43,247				43,247
16	37,189				37,189
17	73,279				73,279
18	45,067				45,067
19	46,605				46,605
20	59,001				59,001
21	39,897				39,897
22	55,253				55,253
23	45,839				45,839
24	98,904				98,904
25	29,492				29,492
26	36,244				36,244
27	60,364				60,364
28	54,169				54,169
29					
30					
31					
Totals	1,370,007				1,370,007
Total Cost	$0.00				$0.00

2/1/23-2/8/23	365,742
2/9/23-2/28/23	1,004,265

Monthly Production

March 2023

Monthly Statistics	
Total	2,312,585
Days Pumped	29
Average	79,744
Maximum Total	137,024
on Day	24
Minimum Total	35,349
on Day	12

Daily Statistics	
Maximum	137,024
Minimum	35,349

Location Statistics	
Maximum	2,312,585
at Location	Effluent Flow Meter
Minimum	0
at Location	Future

Date	Effluent Flow Meter				Total
1	56,928				56,928
2	94,517				94,517
3	97,536				97,536
4	38,933				38,933
5	53,126				53,126
6	54,581				54,581
7	56,299				56,299
8	51,474				51,474
9	52,174				52,174
10	89,127				89,127
11	57,607				57,607
12	35,349				35,349
13	43,359				43,359
14	47,066				47,066
15	40,487				40,487
16	46,950				46,950
17	108,445				108,445
18	121,585				121,585
19	85,490				85,490
20	94,283				94,283
21					
22					
23	112,840				112,840
24	137,024				137,024
25	114,497				114,497
26	91,880				91,880
27	94,412				94,412
28	116,498				116,498
29	104,071				104,071
30	104,934				104,934
31	111,113				111,113
Totals	2,312,585				2,312,585
Total Cost	$0.00				$0.00

3/1/23-3/8/23 503,394
3/9/23-3/31/23 1,809,191

Monthly Production

April 2023

Monthly Statistics	
Total	896,364
Days Pumped	30
Average	29,879
Maximum Total	128,046
on Day	7
Minimum Total	118
on Day	17

Daily Statistics	
Maximum	128,046
Minimum	118

Location Statistics	
Maximum	896,364
at Location	Effluent Flow Meter
Minimum	0
at Location	Future

Date	Effluent Flow Meter				Total
1	101,181				101,181
2	98,423				98,423
3	112,141				112,141
4	108,780				108,780
5	99,425				99,425
6	94,835				94,835
7	128,046				128,046
8	118,656				118,656
9	31,671				31,671
10	172				172
11	181				181
12	187				187
13	186				186
14	186				186
15	196				196
16	157				157
17	118				118
18	134				134
19	124				124
20	156				156
21	148				148
22	134				134
23	128				128
24	131				131
25	135				135
26	143				143
27	158				158
28	162				162
29	141				141
30	129				129
31					
Totals	896,364				896,364
Total Cost	$0.00				$0.00

4/1/233-4/7/23 742,831

Monthly Production

May 2023

Monthly Statistics	
Total	11,304
Days Pumped	31
Average	365
Maximum Total	6,110
on Day	11
Minimum Total	125
on Day	1

Daily Statistics	
Maximum	6,110
Minimum	125

Location Statistics	
Maximum	11,304
at Location	Effluent Flow Meter
Minimum	0
at Location	Future

Date	Effluent Flow Meter				Total
1	125				125
2	139				139
3	146				146
4	166				166
5	164				164
6	168				168
7	173				173
8	158				158
9	174				174
10	189				189
11	6,110				6,110
12	183				183
13	180				180
14	161				161
15	170				170
16	178				178
17	152				152
18	169				169
19	173				173
20	175				175
21	187				187
22	190				190
23	195				195
24	168				168
25	167				167
26	173				173
27	179				179
28	187				187
29	195				195
30	204				204
31	206				206
Totals	11,304				11,304
Total Cost	$0.00				$0.00

Monthly Production

June 2023

Monthly Statistics	
Total	917,262
Days Pumped	30
Average	30,575
Maximum Total	114,514
on Day	9
Minimum Total	186
on Day	6

Daily Statistics	
Maximum	114,514
Minimum	186

Location Statistics	
Maximum	917,262
at Location	Effluent Flow Meter
Minimum	0
at Location	Future

Date	Effluent Flow Meter				Total	Total Cost
1	207				207	$0.00
2	889				889	$0.00
3	45,904				45,904	$0.00
4	195				195	$0.00
5	198				198	$0.00
6	186				186	$0.00
7	29,795				29,795	$0.00
8	56,576				56,576	$0.00
9	114,514				114,514	$0.00
10	84,956				84,956	$0.00
11	40,159				40,159	$0.00
12	55,505				55,505	$0.00
13	51,825				51,825	$0.00
14	40,632				40,632	$0.00
15	37,314				37,314	$0.00
16	25,680				25,680	$0.00
17	14,526				14,526	$0.00
18	16,870				16,870	$0.00
19	15,942				15,942	$0.00
20	26,446				26,446	$0.00
21	20,807				20,807	$0.00
22	22,826				22,826	$0.00
23	28,301				28,301	$0.00
24	24,682				24,682	$0.00
25	17,522				17,522	$0.00
26	26,120				26,120	$0.00
27	21,929				21,929	$0.00
28	24,848				24,848	$0.00
29	43,478				43,478	$0.00
30	28,430				28,430	$0.00
31						#VALUE!
Totals	917,262				917,262	
Total Cost	$0.00				$0.00	

Monthly Production

July 2023

Monthly Statistics	
Total	1,647,985
Days Pumped	31
Average	53,161
Maximum Total	182,903
on Day	28
Minimum Total	155
on Day	11

Daily Statistics	
Maximum	182,903
Minimum	155

Location Statistics	
Maximum	1,647,985
at Location	Effluent Flow Meter
Minimum	0
at Location	Future

Date	Effluent Flow Meter				Total	Total Cost
1	19,755				19,755	$0.00
2	17,354				17,354	$0.00
3	17,989				17,989	$0.00
4	3,072				3,072	$0.00
5	187				187	$0.00
6	175				175	$0.00
7	159				159	$0.00
8	166				166	$0.00
9	172				172	$0.00
10	190				190	$0.00
11	155				155	$0.00
12	35,197				35,197	$0.00
13	65,783				65,783	$0.00
14	118,417				118,417	$0.00
15	107,312				107,312	$0.00
16	48,048				48,048	$0.00
17	57,980				57,980	$0.00
18	62,428				62,428	$0.00
19	61,383				61,383	$0.00
20	60,827				60,827	$0.00
21	125,215				125,215	$0.00
22	74,732				74,732	$0.00
23	44,953				44,953	$0.00
24	58,257				58,257	$0.00
25	67,837				67,837	$0.00
26	68,262				68,262	$0.00
27	90,647				90,647	$0.00
28	182,903				182,903	$0.00
29	115,843				115,843	$0.00
30	72,823				72,823	$0.00
31	69,764				69,764	$0.00
Totals	1,647,985				1,647,985	
Total Cost	$0.00				$0.00	

Monthly Production

August 2023

Monthly Statistics	
Total	2,191,189
Days Pumped	31
Average	70,684
Maximum Total	153,356
on Day	4
Minimum Total	40,251
on Day	24

Daily Statistics	
Maximum	153,356
Minimum	40,251

Location Statistics	
Maximum	2,191,189
at Location	Effluent Flow Meter
Minimum	0
at Location	Future

Date	Effluent Flow Meter				Total	Total Cost
1	66,487				**66,487**	**$0.00**
2	68,519				**68,519**	**$0.00**
3	100,539				**100,539**	**$0.00**
4	153,356				**153,356**	**$0.00**
5	91,031				91,031	**$0.00**
6	62,558				**62,558**	**$0.00**
7	66,308				**66,308**	**$0.00**
8	58,498				**58,498**	**$0.00**
9	59,875				**59,875**	**$0.00**
10	87,685				87,685	**$0.00**
11	79,814				**79,814**	**$0.00**
12	53,545				**53,545**	**$0.00**
13	60,451				**60,451**	**$0.00**
14	87,130				**87,130**	**$0.00**
15	87,024				87,024	**$0.00**
16	71,620				**71,620**	**$0.00**
17	77,609				**77,609**	**$0.00**
18	96,598				**96,598**	**$0.00**
19	48,875				**48,875**	**$0.00**
20	47,195				47,195	**$0.00**
21	48,566				**48,566**	**$0.00**
22	48,550				**48,550**	**$0.00**
23	43,691				**43,691**	**$0.00**
24	40,251				**40,251**	**$0.00**
25	71,939				71,939	**$0.00**
26	54,824				**54,824**	**$0.00**
27	41,602				**41,602**	**$0.00**
28	53,776				**53,776**	**$0.00**
29	55,268				**55,268**	**$0.00**
30	94,600				94,600	**$0.00**
31	113,405				**113,405**	**$0.00**
Totals	2,191,189				2,191,189	
Total Cost	$0.00				$0.00	

8/1/23-8/8/23 667,296
8/9/23 - 8/31/23 1,523,893

Monthly Production

September 2023

Monthly Statistics	
Total	1,350,656
Days Pumped	30
Average	45,022
Maximum Total	75,938
on Day	#N/A
Minimum Total	16,493
on Day	4

Daily Statistics	
Maximum	75,938
Minimum	16,493

Location Statistics	
Maximum	1,350,656
at Location	Effluent Flow Meter
Minimum	0
at Location	Future

Date	Effluent Flow Meter					Total	Total Cost
1	51,497					**51,497**	**$0.00**
2	40,263					**40,263**	**$0.00**
3	17,658					**17,658**	**$0.00**
4	16,493					**16,493**	**$0.00**
5	45,521					45,521	**$0.00**
6	42,919					**42,919**	**$0.00**
7	47,790					**47,790**	**$0.00**
8	70,762					**70,762**	**$0.00**
9	44,884					**44,884**	**$0.00**
10	37,317					37,317	**$0.00**
11	39,667					**39,667**	**$0.00**
12	51,631					**51,631**	**$0.00**
13	37,486					**37,486**	**$0.00**
14	38,015					**38,015**	**$0.00**
15	65,703					65,703	**$0.00**
16	47,366					**47,366**	**$0.00**
17	25,859					**25,859**	**$0.00**
18	31,943					**31,943**	**$0.00**
19	41,620					**41,620**	**$0.00**
20	46,305					46,305	**$0.00**
21	51,306					**51,306**	**$0.00**
22	69,770					**69,770**	**$0.00**
23	44,798					**44,798**	**$0.00**
24	26,435					**26,435**	**$0.00**
25	39,240					39,240	**$0.00**
26	41,390					**41,390**	**$0.00**
27	37,878					**37,878**	**$0.00**
28	71,644					**71,644**	**$0.00**
29	75,938					**75,938**	**$0.00**
30	51,558					51,558	**$0.00**
31							**#VALUE!**
Totals	1,350,656					1,350,656	
Total Cost	$0.00					$0.00	

There was a server failure on 9/23 which prevented this report from automatically updating while the server was down. The server was reset on 9/25.

Since the issue wasn't with the meter itself, we were able to manually pull the information from the meter to add to the

9/1/23-9/7/23	262,141
9/8/23 -9/30/23	1,088,515

Monthly Production

October 2023

Monthly Statistics	
Total	1,584,680
Days Pumped	31
Average	51,119
Maximum Total	114,209
on Day	20
Minimum Total	28,814
on Day	8

Daily Statistics	
Maximum	114,209
Minimum	28,814

Location Statistics	
Maximum	1,584,680
at Location	Effluent Flow Meter
Minimum	0
at Location	Future

Date	Effluent Flow Meter				Total	Total Cost
1	34,272				34,272	$0.00
2	49,582				49,582	$0.00
3	49,203				49,203	$0.00
4	48,327				48,327	$0.00
5	52,038				52,038	$0.00
6	54,859				54,859	$0.00
7	53,257				53,257	$0.00
8	28,814				28,814	$0.00
9	31,132				31,132	$0.00
10	31,484				31,484	$0.00
11	32,558				32,558	$0.00
12	36,681				36,681	$0.00
13	64,085				64,085	$0.00
14	73,427				73,427	$0.00
15	55,474				55,474	$0.00
16	52,580				52,580	$0.00
17	38,266				38,266	$0.00
18	42,222				42,222	$0.00
19	64,540				64,540	$0.00
20	114,209				114,209	$0.00
21	38,400				38,400	$0.00
22	43,208				43,208	$0.00
23	36,386				36,386	$0.00
24	59,763				59,763	$0.00
25	73,855				73,855	$0.00
26	59,230				59,230	$0.00
27	91,255				91,255	$0.00
28	46,496				46,496	$0.00
29	45,181				45,181	$0.00
30	42,117				42,117	$0.00
31	41,779				41,779	$0.00
Totals	1,584,680				1,584,680	
Total Cost	$0.00				$0.00	

10/1/23-10/6/23 288,281
10/7/23 -10/30/23 1,296,399

Monthly Production November 2023

Monthly Statistics	
Total	1,092,858
Days Pumped	30
Average	36,429
Maximum Total	58,733
on Day	20
Minimum Total	17,997
on Day	19

Daily Statistics	
Maximum	58,733
Minimum	17,997

Location Statistics	
Maximum	1,092,858
at Location	Effluent Flow Meter
Minimum	0
at Location	Future

Date	Effluent Flow Meter			Total	Total Cost
1	39,465			39,465	$0.00
2	41,174			41,174	$0.00
3	53,719			53,719	$0.00
4	40,591			40,591	$0.00
5	25,699			25,699	$0.00
6	37,603			37,603	$0.00
7	41,898			41,898	$0.00
8	47,774			47,774	$0.00
9	50,190			50,190	$0.00
10	36,351			36,351	$0.00
11	58,420			58,420	$0.00
12	47,539			47,539	$0.00
13	24,832			24,832	$0.00
14	29,288			29,288	$0.00
15	29,197			29,197	$0.00
16	28,397			28,397	$0.00
17	49,884			49,884	$0.00
18	30,610			30,610	$0.00
19	17,997			17,997	$0.00
20	58,733			58,733	$0.00
21	40,331			40,331	$0.00
22	51,088			51,088	$0.00
23	29,929			29,929	$0.00
24	22,249			22,249	$0.00
25	23,599			23,599	$0.00
26	27,633			27,633	$0.00
27	37,252			37,252	$0.00
28	22,946			22,946	$0.00
29	25,108			25,108	$0.00
30	23,362			23,362	$0.00
31					#VALUE!
Totals	1,092,858			1,092,858	
Total Cost	$0.00			$0.00	

11/1/23-11/7/23 280,149
11/8/23 -11/30/23 812,709

Monthly Production December 2023

Monthly Statistics	
Total	1,028,129
Days Pumped	31
Average	33,165
Maximum Total	58,451
on Day	21
Minimum Total	16,516
on Day	17

Daily Statistics	
Maximum	58,451
Minimum	16,516

Location Statistics	
Maximum	1,028,129
at Location	Effluent Flow Meter
Minimum	0
at Location	Future

Date	Effluent Flow Meter			Total	Total Cost
1	51,073			**51,073**	**$0.00**
2	42,532			**42,532**	**$0.00**
3	19,294			**19,294**	**$0.00**
4	31,913			**31,913**	**$0.00**
5	27,647			27,647	**$0.00**
6	25,582			**25,582**	**$0.00**
7	26,925			**26,925**	**$0.00**
8	38,336			**38,336**	**$0.00**
9	34,795			**34,795**	**$0.00**
10	32,333			32,333	**$0.00**
11	25,118			**25,118**	**$0.00**
12	31,205			**31,205**	**$0.00**
13	30,310			**30,310**	**$0.00**
14	38,093			**38,093**	**$0.00**
15	35,576			35,576	**$0.00**
16	40,080			**40,080**	**$0.00**
17	16,516			**16,516**	**$0.00**
18	33,369			**33,369**	**$0.00**
19	31,959			**31,959**	**$0.00**
20	36,935			36,935	**$0.00**
21	58,451			**58,451**	**$0.00**
22	46,507			**46,507**	**$0.00**
23	26,783			**26,783**	**$0.00**
24	19,210			**19,210**	**$0.00**
25	17,364			17,364	**$0.00**
26	33,585			**33,585**	**$0.00**
27	35,340			**35,340**	**$0.00**
28	29,463			**29,463**	**$0.00**
29	38,786			**38,786**	**$0.00**
30	43,618			43,618	**$0.00**
31	29,431			**29,431**	**$0.00**
Totals	1,028,129			1,028,129	
Total Cost	$0.00			$0.00	

12/1/23-12/7/23 224,966
12/8/23 -12/31/23 803,163

Monthly Production — January 2024

Monthly Statistics	
Total	1,036,633
Days Pumped	31
Average	33,440
Maximum Total	48,978
on Day	26
Minimum Total	17,636
on Day	21

Daily Statistics	
Maximum	48,978
Minimum	17,636

Location Statistics	
Maximum	1,036,633
at Location	Effluent Flow Meter
Minimum	0
at Location	Future

Date	Effluent Flow Meter			Total	Total Cost
1	26,478			26,478	$0.00
2	40,938			40,938	$0.00
3	38,902			38,902	$0.00
4	42,490			42,490	$0.00
5	42,311			42,311	$0.00
6	39,402			39,402	$0.00
7	21,328			21,328	$0.00
8	25,900			25,900	$0.00
9	37,994			37,994	$0.00
10	24,034			24,034	$0.00
11	28,805			28,805	$0.00
12	48,792			48,792	$0.00
13	24,458			24,458	$0.00
14	22,909			22,909	$0.00
15	35,551			35,551	$0.00
16	34,764			34,764	$0.00
17	29,138			29,138	$0.00
18	36,632			36,632	$0.00
19	43,967			43,967	$0.00
20	32,735			32,735	$0.00
21	17,636			17,636	$0.00
22	20,727			20,727	$0.00
23	29,127			29,127	$0.00
24	33,515			33,515	$0.00
25	35,739			35,739	$0.00
26	48,978			48,978	$0.00
27	36,384			36,384	$0.00
28	36,534			36,534	$0.00
29	41,358			41,358	$0.00
30	31,906			31,906	$0.00
31	27,201			27,201	$0.00
Totals	1,036,633			1,036,633	
Total Cost	$0.00			$0.00	

1/1/24-1/5/24	191,119
1/6/24-1/31/24	845,514

Monthly Production

February 2024

		Date	Effluent Flow Meter								Total	Total Cost
Monthly Statistics		**1**	31,840								**31,840**	**$0.00**
Total	**843,388**	**2**	42,016								**42,016**	**$0.00**
Days Pump	**29**	**3**	32,617								**32,617**	**$0.00**
Average	**29,082**	**4**	22,275								**22,275**	**$0.00**
		5	26,411								26,411	**$0.00**
Maximum T	**52,112**	**6**	25,385								**25,385**	**$0.00**
on Day	**9**	**7**	25,201								**25,201**	**$0.00**
Minimum T	**15,956**	**8**	27,197								**27,197**	**$0.00**
on Day	**19**	**9**	52,112								**52,112**	**$0.00**
		10	26,549								26,549	**$0.00**
		11	18,090								**18,090**	**$0.00**
		12	36,608								**36,608**	**$0.00**
Daily Statistics		**13**	48,450								**48,450**	**$0.00**
Maximum	**52,112**	**14**	33,033								**33,033**	**$0.00**
Minimum	**15,956**	**15**	23,625								23,625	**$0.00**
		16	33,118								**33,118**	**$0.00**
		17	23,509								**23,509**	**$0.00**
		18	20,277								**20,277**	**$0.00**
Location Statistics		**19**	15,956								**15,956**	**$0.00**
Maximum	**843,388**	**20**	22,159								22,159	**$0.00**
at Location	**Flow Meter**	**21**	23,901								**23,901**	**$0.00**
Minimum	**0**	**22**	25,488								**25,488**	**$0.00**
at Location	**Future**	**23**	29,254								**29,254**	**$0.00**
		24	27,510								**27,510**	**$0.00**
		25	22,135								22,135	**$0.00**
		26	33,553								**33,553**	**$0.00**
		27	25,806								**25,806**	**$0.00**
		28	32,970								**32,970**	**$0.00**
		29	36,343								**36,343**	**$0.00**
		30										**#VALUE!**
		31										**#VALUE!**
		Totals	843,388								843,388	
		Total Cost	$0.00								$0.00	

2/1/-2/6 180,544
2/7/24-2/29/ 662,844

Monthly Production

March 2024

Monthly Statistics	
Total	852,598
Days Pump	31
Average	27,503
Maximum T	45,952
on Day	15
Minimum T	17,131
on Day	#N/A

Daily Statistics	
Maximum	45,952
Minimum	17,131

Location Statistics	
Maximum	852,598
at Location	0
Minimum	0
at Location	0

Date	0				Total	Total Cost
1	36,343				36,343	$0.00
2	24,601				24,601	$0.00
3	29,145				29,145	$0.00
4	24,781				24,781	$0.00
5	26,532				26,532	$0.00
6	27,673				27,673	$0.00
7	25,736				25,736	$0.00
8	32,221				32,221	$0.00
9	30,300				30,300	$0.00
10	20,372				20,372	$0.00
11	24,995				24,995	$0.00
12	21,581				21,581	$0.00
13	23,290				23,290	$0.00
14	23,010				23,010	$0.00
15	45,952				45,952	$0.00
16	21,331				21,331	$0.00
17	22,409				22,409	$0.00
18	28,059				28,059	$0.00
19	28,111				28,111	$0.00
20	22,695				22,695	$0.00
21	28,519				28,519	$0.00
22	30,674				30,674	$0.00
23	26,241				26,241	$0.00
24	20,993				20,993	$0.00
25	27,440				27,440	$0.00
26	36,036				36,036	$0.00
27	38,166				38,166	$0.00
28	40,933				40,933	$0.00
29	24,704				24,704	$0.00
30	17,131				17,131	$0.00
31	22,624				22,624	$0.00
Totals	852,598				852,598	
Total Cost	$0.00				$0.00	

3/1-3/7 194,811
3/8-3/31 657,787

Monthly Production April 2024

Monthly Statistics	
Total	1,139,286
Days Pumped	30
Average	37,976
Maximum Total	93,592
on Day	3
Minimum Total	23,363
on Day	14

Daily Statistics	
Maximum	93,592
Minimum	23,363

Location Statistics	
Maximum	1,139,286
at Location	Effluent Flow Meter
Minimum	0
at Location	Future

Date	Effluent Flow Meter		Total	Total Cost
1	25,289		25,289	$0.00
2	26,672		26,672	$0.00
3	93,592		93,592	$0.00
4	61,265		61,265	$0.00
5	52,715		52,715	$0.00
6	30,180		30,180	$0.00
7	57,747		57,747	$0.00
8	35,024		35,024	$0.00
9	26,877		26,877	$0.00
10	27,084		27,084	$0.00
11	23,738		23,738	$0.00
12	32,240		32,240	$0.00
13	23,875		23,875	$0.00
14	23,363		23,363	$0.00
15	32,745		32,745	$0.00
16	32,950		32,950	$0.00
17	28,984		28,984	$0.00
18	29,311		29,311	$0.00
19	45,861		45,861	$0.00
20	29,133		29,133	$0.00
21	43,795		43,795	$0.00
22	31,372		31,372	$0.00
23	35,665		35,665	$0.00
24	31,276		31,276	$0.00
25	32,211		32,211	$0.00
26	42,976		42,976	$0.00
27	42,228		42,228	$0.00
28	41,059		41,059	$0.00
29	53,268		53,268	$0.00
30	46,791		46,791	$0.00
31				#VALUE!
Totals	1,139,286		1,139,286	
Total Cost	$0.00		$0.00	

04/01-04/04 206,818
04/05-04/30 932,468

Monthly Production May 2024

Monthly Statistics	
Total	1,406,735
Days Pump	31
Average	45,379
Maximum T	72,689
on Day	22
Minimum T	18,101
on Day	24

Daily Statistics	
Maximum	72,689
Minimum	18,101

Location Statistics	
Maximum	1,406,735
at Location	Flow Meter
Minimum	0
at Location	Future

Date	Effluent Flow Meter		Total	Total Cost
1	43,539		43,539	$0.00
2	43,133		43,133	$0.00
3	52,812		52,812	$0.00
4	39,793		39,793	$0.00
5	44,886		44,886	$0.00
6	39,001		39,001	$0.00
7	35,656		35,656	$0.00
8	49,209		49,209	$0.00
9	48,343		48,343	$0.00
10	51,236		51,236	$0.00
11	33,601		33,601	$0.00
12	34,102		34,102	$0.00
13	43,272		43,272	$0.00
14	40,136		40,136	$0.00
15	54,788		54,788	$0.00
16	36,775		36,775	$0.00
17	45,599		45,599	$0.00
18	36,720		36,720	$0.00
19	33,322		33,322	$0.00
20	47,239		47,239	$0.00
21	58,162		58,162	$0.00
22	72,689		72,689	$0.00
23	68,264		68,264	$0.00
24	18,101		18,101	$0.00
25	34,134		34,134	$0.00
26	43,414		43,414	$0.00
27	35,635		35,635	$0.00
28	68,286		68,286	$0.00
29	59,464		59,464	$0.00
30	39,507		39,507	$0.00
31	55,917		55,917	$0.00
Totals	1,406,735		1,406,735	
Total Cost	$0.00		$0.00	

5/01-5/06 263,164
5/7-5/31 1,143,571

Monthly Production June 2024

Monthly Statistics	
Total	1,706,975
Days Pumped	30
Average	56,899
Maximum Total	116,080
on Day	20
Minimum Total	33,300
on Day	22

Daily Statistics	
Maximum	116,080
Minimum	33,300

Location Statistics	
Maximum	1,706,975
at Location	Effluent Flow Meter
Minimum	0
at Location	Future

	Effluent Flow Meter		Total	Total Cost
1	53,506		53,506	$0.00
2	53,765		53,765	$0.00
3	53,256		53,256	$0.00
4	56,419		56,419	$0.00
5	66,166		66,166	$0.00
6	63,780		63,780	$0.00
7	73,732		73,732	$0.00
8	55,168		55,168	$0.00
9	59,114		59,114	$0.00
10	56,870		56,870	$0.00
11	54,670		54,670	$0.00
12	50,911		50,911	$0.00
13	53,700		53,700	$0.00
14	49,656		49,656	$0.00
15	42,441		42,441	$0.00
16	39,368		39,368	$0.00
17	62,273		62,273	$0.00
18	54,197		54,197	$0.00
19	47,482		47,482	$0.00
20	116,080		116,080	$0.00
21	62,283		62,283	$0.00
22	33,300		33,300	$0.00
23	47,079		47,079	$0.00
24	76,836		76,836	$0.00
25	50,516		50,516	$0.00
26	45,975		45,975	$0.00
27	57,784		57,784	$0.00
28	47,303		47,303	$0.00
29	63,861		63,861	$0.00
30	59,484		59,484	$0.00
31				#VALUE!
Totals	1,706,975		1,706,975	
Total Cost	$0.00		$0.00	

6/01-6/05	283,112
6/6-6/30	1,423,863

Monthly Production July 2024

Monthly Statistics	
Total	1,769,007
Days Pump	31
Average	57,065
Maximum T	95,720
on Day	15
Minimum T	29,563
on Day	11

Daily Statistics	
Maximum	95,720
Minimum	29,563

Location Statistics	
Maximum	1,769,007
at Location	0
Minimum	0
at Location	0

Date	0		Total	Total Cost
1	49,534		49,534	$0.00
2	61,774		61,774	$0.00
3	70,648		70,648	$0.00
4	62,138		62,138	$0.00
5	48,446		48,446	$0.00
6	50,620		50,620	$0.00
7	75,421		75,421	$0.00
8	67,875		67,875	$0.00
9	80,919		80,919	$0.00
10	43,818		43,818	$0.00
11	29,563		29,563	$0.00
12	50,585		50,585	$0.00
13	44,986		44,986	$0.00
14	73,114		73,114	$0.00
15	95,720		95,720	$0.00
16	74,133		74,133	$0.00
17	66,963		66,963	$0.00
18	37,926		37,926	$0.00
19	60,779		60,779	$0.00
20	52,444		52,444	$0.00
21	44,829		44,829	$0.00
22	51,835		51,835	$0.00
23	41,915		41,915	$0.00
24	32,408		32,408	$0.00
25	47,773		47,773	$0.00
26	85,633		85,633	$0.00
27	52,744		52,744	$0.00
28	46,959		46,959	$0.00
29	48,070		48,070	$0.00
30	57,279		57,279	$0.00
31	62,156		62,156	$0.00
Totals	1,769,007		1,769,007	
Total Cost	$0.00		$0.00	

07/01/2024	49,534
07/02-07/31	1,719,473
	1,769,007

Monthly Production August 2024

Monthly Statistics	
Total	1,946,027
Days Pumped	31
Average	62,775
Maximum Total	122,650
on Day	#N/A
Minimum Total	27,533
on Day	#N/A

Daily Statistics	
Maximum	122,650
Minimum	27,533

Location Statistics	
Maximum	1,946,027
at Location	Effluent Flow Meter
Minimum	0
at Location	Future

Date	Effluent Flow Meter		Total	Total Cost
1	52,029		52,029	$0.00
2	117,051		117,051	$0.00
3	50,276		50,276	$0.00
4	35,834		35,834	$0.00
5	69,182		69,182	$0.00
6	86,601		86,601	$0.00
7	104,157		104,157	$0.00
8	66,990		66,990	$0.00
9	74,583		74,583	$0.00
10	44,026		44,026	$0.00
11	53,585		53,585	$0.00
12	55,074		55,074	$0.00
13	74,247		74,247	$0.00
14	49,688		49,688	$0.00
15	52,599		52,599	$0.00
16	68,574		68,574	$0.00
17	53,180		53,180	$0.00
18	53,391		53,391	$0.00
19	66,255		66,255	$0.00
20	73,407		73,407	$0.00
21	37,816		37,816	$0.00
22	36,848		36,848	$0.00
23	98,351		98,351	$0.00
24	55,025		55,025	$0.00
25	54,698		54,698	$0.00
26	44,634		44,634	$0.00
27	36,619		36,619	$0.00
28	48,887		48,887	$0.00
29	122,650		122,650	$0.00
30	82,237		82,237	$0.00
31	27,533		27,533	$0.00
Totals	1,946,027		1,946,027	
Total Cost	$0.00		$0.00	

8/1-8/5	324,372
8/6-8/31	1,621,655
	1,946,027

Invoice Date	Read Date	# days	High Reading	Gallons	Low Reading	Gallons	Per Day	
	4/6/2023		5047032		1131482			
5/15/2023	5/9/2023	33	6757363	1,710,331	1450206	318,724		
6/15/2023	6/7/2023	29	8560096	1,802,733	1768587	318,381		
7/13/2023	7/6/2023	29	10497547	1,937,451	2104899	336,312		
8/15/2023	8/8/2023	33	12983168	2,485,621	2531359	426,460		
9/15/2023	9/7/2023	30	15149903	2,166,735	2924905	393,546		
10/16/2023	10/6/2023	29	17080268	1,930,365	3268212	343,307		
11/17/2023	11/7/2023	32	18620867	1,540,599	3583121	314,909		
12/15/2023	12/7/2023	30	19546232	925,365	3806401	223,280		
1/15/2024	1/5/2024	29	20145939	599,707	4002392	195,991		
2/15/2024	2/6/2024	32	20696253	550,314	4209827	207,435		
3/14/2024	3/7/2024	30	21408508	712,255	4421703	211,876		
4/15/2024	4/4/2024	28	22106278	697,770	4656870	235,167		
Total Billed - Valves working		**364**		**17,059,246**		**3,525,388**	**56,551**	
(One year of data)								
5/15/2024	5/6/2024	32	23034919	928,641	4,926,468	269,598		
6/15/2024	6/5/2024	30	23790985	756,066	5,095,778	169,310		
7/15/2024	7/1/2024	26	24616917	825,932	5,273,937	178,159		
8/15/2024	8/5/2024	35	26076671	1,459,754	5,539,217	265,280		
Total Billed - Valves malfunctioning		**123**		**3,970,393**		**882,347**	**39,453**	
	4/25/2024							
	8/5/2024	**102**		**1,743,996**			**$ 5,284.31**	**Billing Adjustment**

1) On or around April 25, 2024, Meter 01026738 Account # 4-254579-01, began to provide total reads different from Nestle's internal meter. Water Department staff tested the meter on March 7, 2024. Test results meeting PSC requirements (Low 100.6%, Med 100.1% High 99.9%). See PDF Attachment Chapter PSC 185 Subchapter VII Meter Testing for further detail. Discrepancies continued.
2) On 7/30/24 Water department staff were going to remove and install newly tested high and low chambers in the meter. During this time, staff found water bypassing the water meter through the bypass valve. It was also noted that the valves upstream and down stream on the meter did not hold. Department requested that Nestle replace all three valves at this meter.
3) Staff exercised the bypass valve, open and closed several times, noting that it appeared like no water was leaking by the bypass valve. Since 07/30/2024, there is still 5 to 6% water variation to Nestle's internal meter; however, we do not have test records or other data on Nestle owned meter. Will continue to monitor until valves are replaced and for period after to assess if new valves are functioning.

Plus Volume Charges:

First	10,000	gallons used each month - $4.14 per 1,000 gallons
Next	90,000	gallons used each month - $3.77 per 1,000 gallons
Next	233,000	gallons used each month - $3.34 per 1,000 gallons
Over	333,000	gallons used each month - $3.03 per 1,000 gallons

NOTE: This is exclusive of the low chamber turned sideways on meter 0602222 Account # 425458001

Invoice Date	Read Date	# days	High Reading	Gallons	Low Reading	Gallons	Per Day			
	4/6/2023		5047032		1131482					
5/15/2023	5/9/2023	33	6757363	1,710,331	1450206	318,724				
6/15/2023	6/7/2023	29	8560096	1,802,733	1768587	318,381				
7/13/2023	7/6/2023	29	10497547	1,937,451	2104899	336,312				
8/15/2023	8/8/2023	33	12983168	2,485,621	2531359	426,460				
9/15/2023	9/7/2023	30	15149903	2,166,735	2924905	393,546				
10/16/2023	10/6/2023	29	17080268	1,930,365	3268212	343,307				
11/17/2023	11/7/2023	32	18620867	1,540,599	3583121	314,909				
12/15/2023	12/7/2023	30	19546232	925,365	3806401	223,280				
1/15/2024	1/5/2024	29	20145939	599,707	4002392	195,991				
2/15/2024	2/6/2024	32	20696253	550,314	4209827	207,435				
3/14/2024	3/7/2024	30	21408508	712,255	4421703	211,876				
4/15/2024	4/4/2024	28	22106278	697,770	4656870	235,167				
Total Billed - Valves working		**364**		**17,059,246**		**3,525,388**	**56,551**			
(One year of data)										
									Allocation for Analysis	Days
5/15/2024	5/6/2024	32	23034919	928,641	4,926,468	269,598			188,078	11
6/15/2024	6/5/2024	30	23790985	756,066	5,095,778	169,310			512,940	30
7/15/2024	7/1/2024	26	24616917	825,932	5,273,937	178,159			444,548	26
8/15/2024	8/5/2024	35	26076671	1,459,754	5,539,217	265,280			598,430	35
9/15/2024	9/4/2024	30	27845065	1,768,394	5,779,467	240,250			351,150	30
Total Billed - Valves malfunctioning		**153**		**5,738,787**		**1,122,597**	**44,846**		**2,095,146**	**132**
	8/5/2024									
	9/4/2024	**30**		**351,150**			**$ 1,063.98**	**Billing Adjustment for 8/5-9/4**		

1) On or around April 25, 2024, Meter 01026738 Account # 4-254579-01, began to provide total reads different from Nestle's internal meter. Water Department staff tested the meter on March 7, 2024. Test results meeting PSC requirements (Low 100.6%, Med 100.1% High 99.9%). See PDF Attachment Chapter PSC 185 Subchapter VII Meter Testing for further detail. Discrepancies continued.
2) On 7/30/24 Water department staff were going to remove and install newly tested high and low chambers in the meter. During this time, staff found water bypassing the water meter through the bypass valve. It was also noted that the valves upstream and down stream on the meter did not hold. Department requested that Nestle replace all three valves at this meter.
3) Staff exercised the bypass valve, open and closed several times, noting that it appeared like no water was leaking by the bypass valve. Since 07/30/2024, there is still 5 to 6% water variation to Nestle's internal meter; however, we do not have test records or other data on Nestle owned meter. Will continue to monitor until valves are replaced and for period after to assess if new valves are functioning

Plus Volume Charges:

First	10,000	gallons used each month - $4.14 per 1,000 gallons
Next	90,000	gallons used each month - $3.77 per 1,000 gallons
Next	233,000	gallons used each month - $3.34 per 1,000 gallons
Over	333,000	gallons used each month - $3.03 per 1,000 gallons

NOTE: This is exclusive of the low chamber turned sideways on meter 0602222 Account # 425458001

Item For Consideration

For Commission Review On: September 17, 2024
Agenda Item Topic: 1052 W Florida Ave

Prepared On: September 9, 2024
Prepared By: Finance

Report:

Troy Sievert , 1052 W Florida is contesting his bill for the invoice dated August 15, 2024. MCO tested the meter with the following results that fall within the accuracy limits regulated by the Public Service Commission:

Low Flow: 95%
Medium Flow: 101.5%
High Flow: 100.5%

Below is the recent billing summary for the account for your review.

Customer:

1-250710-21 SIEVERT, TROY R 1052 W FLORIDA AVE
1052 W FLORIDA AVE
1250710 920-659-3574 LITTLE CHUTE WI 54140-2616

Display | Compare | History | Transactions | Customer | Services | Location | Meters | Backflow | Contracts | Loans | Certification | Credit History
Detail | Billed Usage Chart | Billed Amount Chart | Billing Chart

	09/16/2024	08/15/2024	07/15/2024	06/14/2024	05/15/2024	04/15/2024	03/14/2024	02/15/2024
WATER VOLUME	5.15	76.54	7.00	5.34	5.80	5.05	5.05	9.73
WATER VOLUME usage	1,245	19,320	1,690	1,290	1,400	1,220	1,220	2,350
WATER METER	.00	6.37	6.37	6.37	6.37	6.37	6.37	6.37
SEWER VOLUME	.00	13.49	12.68	9.68	10.50	9.15	9.15	17.63
SEWER MINIMUM	.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00
STORMWATER	.00	4.95	4.95	4.95	4.95	4.95	4.95	4.95
PUBLIC FIRE	.00	1.60	1.60	1.60	1.60	1.60	1.60	1.60
REFUSE	.00	11.24	11.24	11.24	11.24	11.24	11.24	11.24
PENALTY WATER	.00	.00	.00	.00	.00	.00	.00	.00
PENALTY SEWER	.00	.00	.00	.00	.00	.00	.00	.00
PENALTY STORMWATER	.00	.00	.00	.00	.00	.00	.00	.00
PENALTY REFUSE	.00	.00	.00	.00	.00	.00	.00	.00
Total charges	**5.15**	**117.19**	**46.84**	**42.18**	**43.46**	**41.36**	**41.36**	**54.52**
Previous balance	117.19	46.86	42.18	43.46	41.36	41.36	54.52	42.06
Payments	117.19-	46.86-	42.16-	43.46-	41.36-	41.36-	54.52-	42.06-
Adjustments	.00	.00	.00	.00	.00	.00	.00	.00

Item For Consideration

Summary of Test Conditions and Accuracy Requirements for Positive Displacement Meters

Size in.	Maximum Rate: Rate of Flow	Maximum Rate: Test Quantity		Maximum Rate: Accuracy Limits	Intermediate Rate: Rate of Flow	Intermediate Rate: Test Quantity		Intermediate Rate: Accuracy Limits	Minimum Rate: Rate of Flow	Minimum Rate: Test Quantity*		Minimum Rate: Accuracy Limits Percent	
	gpm	Gal.	Cu. Ft.	Percent	gpm	Gal.	Cu. Ft.	Percent	gpm	Gal.	Cu. Ft.	New Meters	Repaired Meters
5/8	15	100	10	98.5–101.5	2	10	1	98.5–101.5	1/4	10	1	95–101.5	90–101.5
3/4	25	100	10	98.5–101.5	3	10	1	98.5–101.5	1/2	10	1	95–101.5	90–101.5
1	40	100	10	98.5–101.5	4	10	1	98.5–101.5	3/4	10	1	95–101.5	90–101.5
1 1/2	80	1.000	100	98.5–101.5	8	100	10	98.5–101.5	1 1/2	100	10	95–101.5	90–101.5
2	120	1.000	100	98.5–101.5	15	100	10	98.5–101.5	2	100	10	95–101.5	90–101.5

* Section PSC 185.73 (3) provides that at this flow rate the test quantity may be reduced to that equivalent to one–half revolution of the test dial. For the typical 5/8–inch meter the minimum test quantity would, therefore, be 5 gal. or 1/2 cu. ft.

Fiscal Impact: Equity and compliance with Public Service Commission Regulations

Recommendation/Commission Action: Staff recommends denial of request since the meter evaluated within required range of 98.5 to 101.5.

Respectfully Submitted,

Lisa Remiker-DeWall, Finance Director
Jerry Verstegen, Water Superintendent

Wastewater Rate Study

Prepared for the

Village of Little Chute

by Trilogy Consulting, LLC

September 2024

TRILOGY
CONSULTING, LLC
MUNICIPAL & UTILITY ADVISORS

TABLE OF CONTENTS

INTRODUCTION

The Village of Little Chute owns and operates a wastewater collection system that provides wastewater conveyance service to over 4,600 customers within the Village, including several high-strength industrial customers. The Village sends all of its wastewater to the Heart of the Valley Metropolitan Sewerage District (HOV) for treatment, along with the wastewater from four other communities: Kaukauna, Kimberly, Combined Locks, and the Darboy Sanitary District. HOV charges each community based on their volume of wastewater treated, the amount of pollutants from their customers, and a fixed component based on the number of connections in each community.

The Village last adjusted its wastewater volumetric rates and fixed charges in July 2011. Since that time, there have been no adjustments to the rates. The Village's rates for industrial high strength loadings are adjusted annually based on the rates that are charged by HOV.

In the last five years, the Utility has experienced increases in operation and maintenance expenses, most of which are from charges for treatment by HOV. Additionally, as it has been thirteen years since undergoing a formal analysis, the Utility needs to ensure that costs are fairly allocated between different types of customers. For these reasons, the Village hired Trilogy Consulting to conduct a formal Wastewater Rate Study.

This study consisted of: 1) determining overall recommended levels of user charge revenues to fund projected operation and maintenance expenses, routine sewer main and equipment replacements; 2) a cost of service study to fairly allocate costs between different classes of customers; and 3) rate design to determine the user charge rates needed to recover costs. As part of the study, a schedule of projected rate increases, and a ten-year forecast of Utility cash flows were developed.

The purpose of the Wastewater Rate Study was two-fold: 1) to recommend rates that would collect adequate revenues for the Village of Little Chute Wastewater Utility to fulfill its current and upcoming obligations; and 2) to allocate costs to all customer classes in proportion to their use of the wastewater system. Specifically, revenues need to be adequate to recover operation and maintenance expenses, depreciation expense, and a return on investment adequate to fund debt service payments and debt coverage requirements, cash financed investment in the wastewater system, and any recommended deposits to reserve funds. Cost allocation needs to take into consideration the portions of the wastewater collection and treatment system that are used by various types of customers and the differences in pollutant loadings generated by different classes of customers.

This study recommends that rates be increased gradually on an annual basis, beginning in 2025. The reasons for the increases are two-fold: to ensure that the Utility will be able to pay for projected rate increases received from HOV, which is its single biggest expense; and to gradually increase revenues to pay for its capital improvement needs and stabilize the Utility's reserve funds.

STUDY METHODOLOGY

The study is generally organized into four sections:

1. An analysis of historical and forecast conditions including historical revenues, expenses, and usage statistics, as well as historical and forecast capital improvements and depreciation expense.
2. An evaluation of the Utility's current financial status.
3. Development of an overall plan for rate increases based on evaluation of alternative cash flow forecasts.
4. Establishment of revenue requirement, allocation of costs and detailed rate calculations for the 2025 test year.

This study calculates rates for 2025 and recommends annual adjustments for inflation and reserve fund stabilization, based on current projections for capital and operating needs, plus maintenance of adequate reserves. Future projected rates may need to be adjusted if conditions change significantly.

SECTION ONE -- HISTORICAL AND FORECAST CONDITIONS

A. HISTORICAL AND FORECAST CUSTOMER DEMANDS

The following tables show the analysis of historical trends in total wastewater treated by HOV, as well as number of customers, customer volume of wastewater and estimated loadings (BOD, TSS, P, and NH-3) for retail domestic strength customers, and loadings for high-strength waste customers (industrial quality/quantity, or Q/Q, customers).

Total Flows and Loadings

The total annual volume of Village wastewater treated by HOV ('Total Annual Billed Outflow') has fluctuated but has been on an increasing trend between 2017 and 2023. 'Billable' flow, or wastewater generated by customers, has also fluctuated but has seen a significant increase since 2020. The remaining volume is clearwater infiltration and inflow (I/I), which has also seen an

increasing trend. The wastewater entering the plant is sampled daily for a number of parameters. Primary conventional pollutants within influent such as BOD, TSS, P, ammonia nitrogen, and chlorides are calculated to determine total loading in pounds. Total pounds of these constituents have been increasing over the last several years, much of which is due to the growth in the Village's Industrial Quantity/Quality (Q/Q) customers.

Forecast flows and loadings for the study are the sum of forecast billable flows and loadings for each customer class, plus 60.0 percent I/I based on a trend analysis of the historical data. Projected flows and loadings for 2025 factor in the anticipated loss of wastewater flows and loadings from the northeast section of the Outagamie County Landfill.

Table 1 - Historical Wastewater Flows and Loadings

	2017	2018	2019	2020	2021	2022	2023	Projected 2024	2025
	(Gallons)	(Gallons)	(Gallons)	(Gallons)	(Gallons)	(Gallons)	(Gallons)	(Gallons)	(Gallons)
Total Annual Billed Outflow	560,973,000	527,349,000	659,397,000	600,334,000	747,488,000	801,251,000	1,015,621,000	1,015,217,745	1,000,451,553
Total Billable Village Flow	302,929,166	290,827,645	288,318,316	308,940,961	330,447,544	350,247,001	405,933,987	406,087,098	400,180,621
Billable Flow as % of Inflow	54.0%	55.1%	43.7%	51.5%	44.2%	43.7%	40.0%	40.0%	40.0%
Inflow/Infiltration	258,043,834	236,521,355	371,078,684	291,393,039	417,040,456	451,003,999	609,687,013	609,130,647	600,270,932
I/I as % of Outflow	46.0%	44.9%	56.3%	48.5%	55.8%	56.3%	60.0%	60.0%	60.0%
Maximum Day Flow	-	-	5,368,000						
Average Day Flow	1,536,912	1,444,792	1,806,567	1,640,257	2,047,912			2,781,418	2,740,963
Max Day/Average Day Ratio	-	-	2.97	-	-			2.00	2.00
BOD (mg/l)	236	341	303	330	386	406	300	355	344
TSS (mg/l)	263	250	221	265	276	269	245	252	255
P (mg/l)	4.9	4.7	4.2	4.9	5.5	5.6	4.7	5	5
NH3 (mg/l)	37.1	43.4	42.7	55.4	56.5	53.0	41.4	49	32
Chlorides (mg/l)	627.5	614.6	617.0	628.5	724.8	772.1	796.9		
BOD (lbs)	1,105,171	1,500,819	1,666,317	1,650,667	2,403,909	2,711,612	2,540,846	3,006,507	2,870,298
TSS (lbs)	1,231,652	1,099,537	1,215,958	1,328,169	1,723,332	1,796,923	2,078,975	2,131,237	2,125,496
P (lbs)	22,787	20,839	22,857	24,426	34,478	37,558	39,894	42,745	41,622
NH3 (lbs)	173,759	190,897	234,630	277,286	352,173	353,998	350,645	415,399	268,449
Chlorides (lbs)	2,935,779	2,703,002	3,393,165	3,146,868	4,518,386	5,159,703	6,749,809	6,583,918	6,583,918

Domestic Wastewater

The total volume of domestic strength waste has fluctuated slightly but has remained steady overall during the last seven years. Billable domestic strength wastewater is projected to be slightly above the 2023 amount based on trend analyses of the number of customers and usage per customer for each customer class.

The estimated pounds of pollutant loadings for domestic strength waste are based on the current domestic strength assumptions of 180 mg/l for BOD, 250 mg/l for TSS, 8 mg/l for phosphorus,

and 35 mg/l for TKN. The bottom five rows of the table below show the actual billable domestic strength flows and the estimated WWTP influent loadings contributed by domestic strength waste (total WWTP influent loadings at the headworks minus loadings contributed by all non-domestic strength waste through the headworks). The quantity of loadings estimated to be contributed by domestic waste fluctuates from year to year, but in general indicates a higher waste strength for BOD and TSS than is currently defined. Similar analyses conducted by Trilogy Consulting for rate studies for other utilities in Wisconsin in recent years have also indicated that domestic wastewater has been increasing in strength over time, likely due to higher efficiency fixtures and declining volumes of water use per customer.

Table 2 - Domestic Strength Historical Billed Flows

	2017	2018	2019	2020	2021	2022	2023	Projected 2024	2025
	(Gallons)	(Gallons)	(Gallons)	(Gallons)	(Gallons)	(Gallons)	(Gallons)	(Gallons)	(Gallons)
Domestic Strength Customers									
Residential Sewer Usage	139,269,126	139,283,074	136,475,662	141,499,902	141,290,598	138,649,492	139,537,520	139,958,222	141,181,575
Residential Customers	3,979	4,009	4,040	4,066	4,118	4,166	4,199	4,233	4,270
Usage / Customer	35,001	34,743	33,781	34,801	34,310	33,281	33,231	33,064	33,064
Multi-Family Sewer Usage	19,949,150	18,804,384	22,223,960	28,148,520	30,007,020	32,438,102	30,173,556	31,019,440	31,019,440
Multi-Family Customers	39	43	48	49	50	50	50	50	50
Usage / Customer	511,517	437,311	462,999	574,460	600,140	648,762	603,471	620,389	620,389
Commercial Sewer Usage	31,784,424	26,276,740	29,044,136	24,558,130	32,113,040	38,068,988	33,767,368	33,706,582	33,706,582
Commercial Customers	283	296	307	321	333	348	355	355	355
Usage / Customer	112,312	88,773	94,606	76,505	96,436	109,394	95,119	94,948	94,948
Industrial Sewer Usage	14,109,099	9,772,669	9,304,609	10,573,060	11,851,433	20,776,567	14,865,189	14,865,189	14,865,189
Industrial Customers	23	24	24	25	25	25	27	27	27
Usage / Customer	613,439	407,195	387,692	422,922	474,057	831,063	550,563	550,563	550,563
Public Authority Sewer Usag	11,692,680	5,127,180	4,993,540	4,280,140	5,062,698	5,582,097	5,713,805	5,713,805	5,718,951
Municipal Customers	24	23	23	23	23	24	25	25	25
Usage / Customer	487,195	222,921	217,110	186,093	220,117	232,587	228,552	228,552	228,758
Total Domestic Strength	216,804,479	199,264,047	202,041,907	209,059,752	220,324,789	235,515,246	224,057,438	225,263,239	226,491,738
Estimated BOD (lbs.)	623,022	344,741	(65,496)	1,008,744	90,239	1,298,089	1,576,796	728,842	732,817
Estimated TSS (lbs.)	945,932	940,091	1,070,232	1,166,762	1,531,986	1,499,360	1,770,143	1,512,365	1,520,613
Estimated Phos. (lbs.)	14,480	12,773	17,121	19,049	24,282	28,711	32,839	25,190	25,328
Estimated NH-3 (lbs.)	121,885	21,572	89,144	111,934	170,929	198,920	191,775	157,479	158,337
Estimated Chlorides (lbs.)	2,431,453	2,226,244	2,930,128	2,597,893	3,220,616	5,159,703	6,749,809	5,012,905	5,040,244

Industrial Quantity / Quality Wastewater

The Utility has several high-strength industrial customers that discharge waste with higher than domestic strength loadings of some or all the treated constituents. Wastewater from these customers is sampled quarterly, and the total pollutant loadings is derived based on sample analytical results and metered waste flow. These customers are charged the domestic strength

volumetric rate per thousand gallons of volume, plus a Quality/Quantity (Q/Q) surcharge rate per pound for loadings above domestic strength.

As shown in the following table, flows and total loadings from industrial customers subject to Q/Q charges have generally been increasing in the past five years. However, the Village anticipates that the Outagamie County Landfill will begin hauling waste from its northeast unit to another wastewater treatment facility beginning in 2025. The projected flows and loadings for 2025 and future years was reduced to account for the loss of this wastewater stream.

Table 3 - Industrial Quantity / Quality Flows and Loadings

	2017	2018	2019	2020	2021	2022	2023	Projected 2024	2025
Industrial Q/Q	-	-	-					-	-
Meters	14	15	15	16	16	16	16	16	16
Flow	86,124,687	91,563,598	86,276,409	99,881,209	110,122,755	114,731,755	181,876,549	180,823,859	173,688,883
BOD (lbs.)	482,149	1,156,078	1,731,813	641,923	2,313,670	1,413,523	964,050	876,213	740,004
TSS (lbs.)	285,720	159,446	145,726	161,407	191,345	297,563	308,832	285,033	279,293
Phos. (lbs.)	8,307	8,066	5,736	5,377	10,196	8,847	7,055	5,867	4,744
NH-3 (lbs.)	51,874	169,325	145,486	165,352	181,244	155,077	158,870	158,186	11,237

B. FORECAST REVENUES AT PRESENT RATES

The tables below show the forecast revenues at current rates based on the forecast number of customers, volume of sewer usage, and total pounds of industrial loadings in excess of domestic strength. The current rates for each customer class are shown in the tables. The surcharge rates for the Industrial Q/Q customers are the same rates that HOV charges per pound for each pollutant to the Village. Forecast user charge revenues of $3,576,025 for 2024 reflect the current billable flows and loadings. Forecast use charge revenues of $3,341,020 for 2025 reflect the reduction in flows and loadings from the Outagamie County Landfill.

Table 4 - Forecast Revenues at Present Rates: 2024

YEAR: 2024		Residential	Multi-Family	Commercial	Industrial	Public Authority	Total
Volumetric Charges (Domestic Strength)							
Usage	1,000 gallons	139,958	31,019	33,707	14,865	5,714	225,263
Revenues	$7.50	$1,049,687	$232,646	$252,799	$111,489	$42,854	$1,689,474
Monthly Minimum Charge							
Meter Size		4,233	50	355	27	25	4,690
5/8"	$3.00	4,226	6	272	11	7	4,522
3/4"	$3.00	-	-	-	-	-	-
1"	$3.00	3	2	52	7	3	67
1 1/4"	$3.00	-	-	-	-	-	-
1 1/2"	$3.00	2	28	21	1	4	56
2"	$3.00	2	5	8	4	5	24
2 1/2"							-
3"	$3.00	-	5	2	4	4	15
4"	$3.00	-	4	-	-	1	5
6"	$3.00	-	-	-	-	-	-
8"	$3.00	-	-	-	-	1	1
5/8x3/4"	$3.00	-	-	-	-	-	-
Revenues		$152,388	$1,800	$12,780	$972	$900	$168,840
Subtotal Domestic Customers		$1,202,075	$234,446	$265,579	$112,461	$43,754	$1,858,314

Industrial Q/Q

Meters	Units	Rates	Revenues		
3/4"	1	$3.00	$36		$36
1"	2	$3.00	$72		$72
2"	1	$3.00	$36		$36
3"	2	$3.00	$72		$72
4"	4	$3.00	$144		$144
Unknown	6	$3.00	$216		$216
Flow (per 1,000 gals)	180,824	$7.50	$1,356,179		$1,356,179
BOD (per lb)	801,436	$0.176	$141,053		$141,053
TSS (per lb)	157,963	$0.243	$38,385		$38,385
P (per lb)	2,340	$6.617	$15,484		$15,484
NH3 (per lb)	150,666	$1.102	$166,034		$166,034
Subtotal					$1,717,711
				Total	$3,576,025

Table 5 - Forecast Revenues at Present Rates: 2025

YEAR: 2025		Residential	Multi-Family	Commercial	Industrial	Public Authority	Total
Volumetric Charges (Domestic Strength)							
Usage	1,000 gallons	141,182	31,019	33,707	14,865	5,719	226,492
Revenues	$7.50	$1,058,862	$232,646	$252,799	$111,489	$42,892	$1,698,688
Monthly Minimum Charge							
Meter Size		4,270	50	355	27	25	4,727
5/8"	$3.00	4,263	6	272	11	7	4,559
3/4"	$3.00	-	-	-	-	-	-
1"	$3.00	3	2	52	7	3	67
1 1/4"	$3.00	-	-	-	-	-	-
1 1/2"	$3.00	2	28	21	1	4	56
2"	$3.00	2	5	8	4	5	24
2 1/2"							-
3"	$3.00	-	5	2	4	4	15
4"	$3.00	-	4	-	-	1	5
6"	$3.00	-	-	-	-	-	-
8"	$3.00	-	-	-	-	1	1
5/8x3/4"	$3.00	-	-	-	-	-	-
Revenues		$153,720	$1,800	$12,780	$972	$900	$170,172
Subtotal Domestic Customers		$1,212,582	$234,446	$265,579	$112,461	$43,792	$1,868,860

Industrial Q/Q

Meters	Units	Rates	Revenues	
3/4"	1	$3.00	$36	$36
1"	2	$3.00	$72	$72
2"	1	$3.00	$36	$36
3"	2	$3.00	$72	$72
4"	4	$3.00	$144	$144
Unknown	6	$3.00	$216	$216
Flow (per 1,000 gals)	173,689	$7.50	$1,302,667	$1,302,667
BOD (per lb)	641,050	$0.176	$112,825	$112,825
TSS (per lb)	157,682	$0.243	$38,317	$38,317
P (per lb)	1,683	$6.617	$11,134	$11,134
NH3 (per lb)	6,027	$1.102	$6,641	$6,641
Subtotal				$1,472,160
			Total	$3,341,020

C. HISTORICAL AND FORECAST OPERATION AND MAINTENANCE EXPENSE

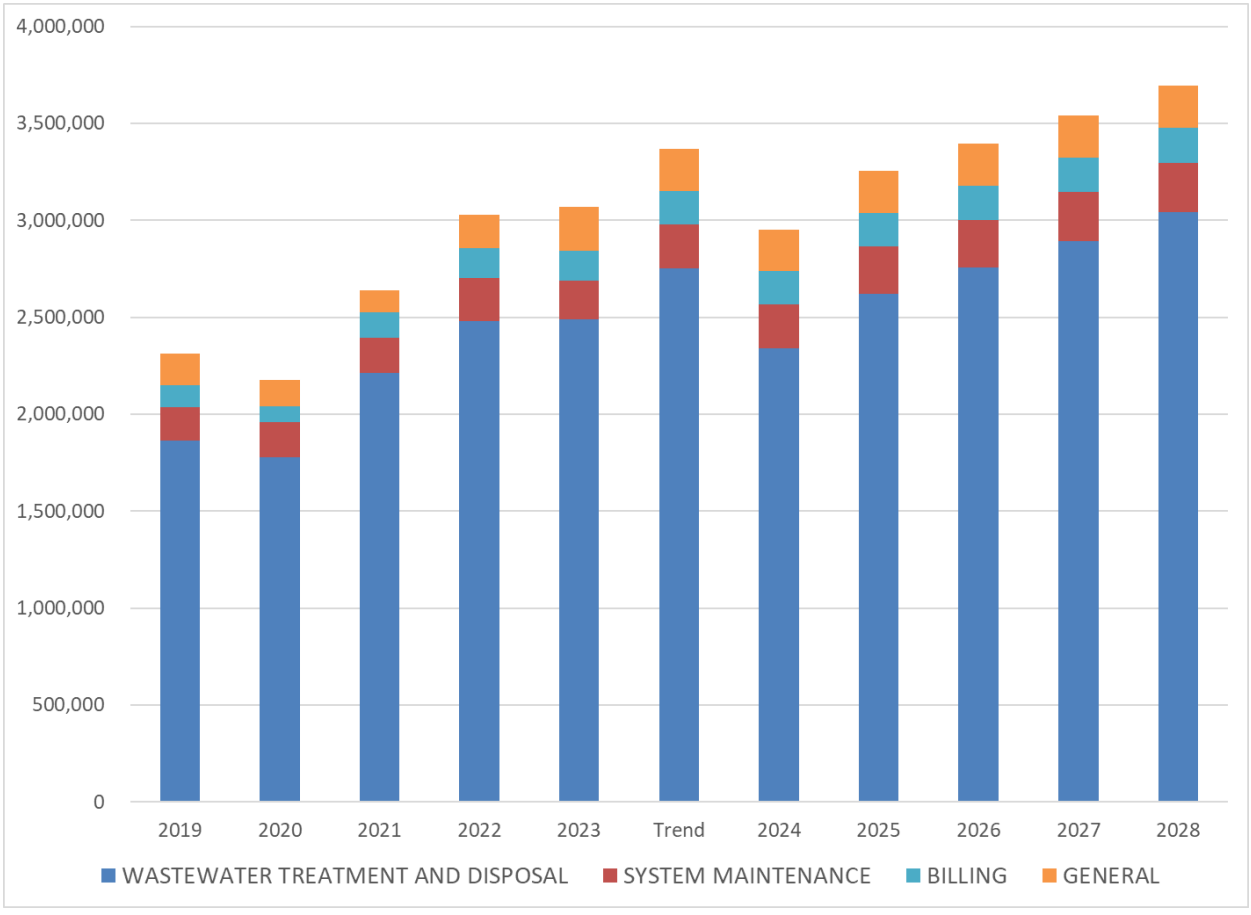
The following table shows the actual operation and maintenance expenses by category for 2019 through 2023, the 2024 budget, the historical trend, and the figures determined to use for the 2025 test year. The trends in expenses were analyzed by line item and discussed with Utility staff.

2025 expenses are projected to increase based on the projected flows and loadings that are conveyed to HOV, and projected increases to the rates charged by HOV. Treatment expenses for 2025 factor in the projected decrease in flows and loadings from the Outagamie County Landfill.

Table 6 - Historical and Projected O&M Expenses

Account Description	2019	2020	2021	2022	2023	Trend	Budget 2024	Test Year 2025	2026	2027	2028	2029
	($)	($)	($)	($)	($)	($)	($)	($)	($)	($)	($)	($)
WASTEWATER TREATMENT	1,865,393	1,778,916	2,213,138	2,480,770	2,489,677	2,750,706	2,339,468	2,621,752	2,754,796	2,894,901	3,041,498	3,173,565
SYSTEM MAINTENANCE	168,664	178,396	180,298	222,062	199,675	229,088	228,570	245,616	248,942	252,314	255,733	259,200
BILLING	115,547	82,962	130,678	151,883	152,185	169,505	170,092	172,021	173,973	175,948	177,946	179,967
GENERAL	162,194	137,525	114,415	173,805	229,707	219,720	211,309	214,116	216,574	219,061	221,578	224,127
TOTAL	**2,311,799**	**2,177,799**	**2,638,529**	**3,028,520**	**3,071,245**	**3,369,018**	**2,949,439**	**3,253,505**	**3,394,284**	**3,542,223**	**3,696,755**	**3,836,860**

Figure 1 - Historic and Projected Operating Expenses by Category

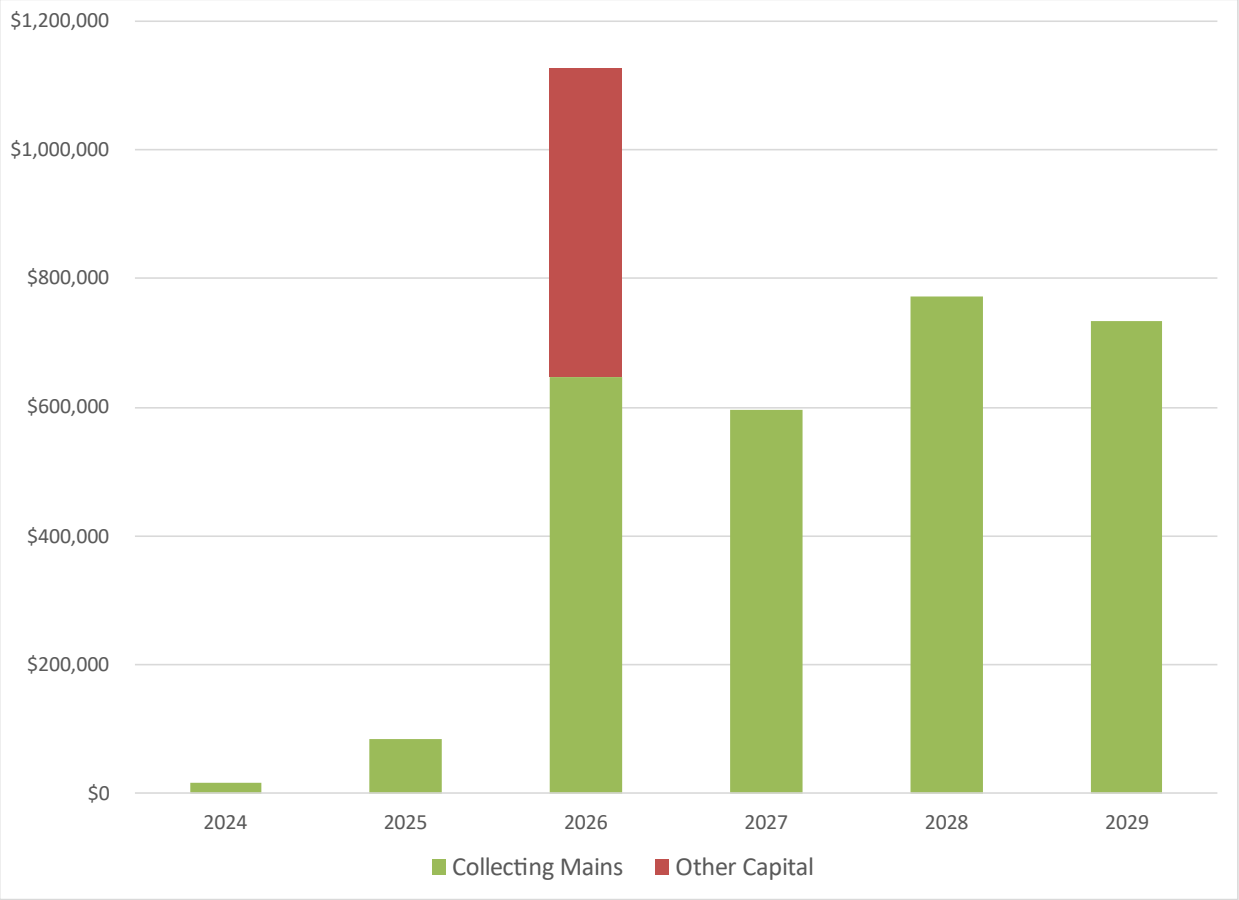


D. HISTORICAL AND FORECAST CAPITAL IMPROVEMENTS

Between 2017 and 2023, the Utility invested $2.8 million, or an average of about $400,000 per year, in capital improvements, mostly in the collection main system. The Utility received $2.08 million in contributed assets during the same period; again, this was for collection system infrastructure. The Utility pays for all treatment plant improvements through the rates it pays to HOV, including future upgrades to the wastewater treatment plant that will be financed through debt. It does not directly pay for any treatment plant capital.

The Utility's Capital Improvement Program for 2024 through 2029 includes $3.3 million of capital improvements and equipment, or an average of about $550,000 per year, an increase from the prior six years. These projects are mostly for ongoing renewal of the collection system, but include a new sewer jetter truck in 2026. It is projected that the Utility will be able to pay for these projects through its user charge revenues and Utility reserves, with no debt incurred. Following this period, this analysis includes projected capital improvements in the amount of $650,000 per year, plus annual inflation.

Figure 2 - 2024-2029 Projected Capital Improvements



Based on the projected 2024 capital improvements, depreciation for the 2025 test year is projected to be about $253,000, including a share of depreciation expense on meters owned by the water utility. The average net assets (total capital assets minus accumulated depreciation) for 2025 are projected to be $14.5 million.

SECTION TWO – UTILITY FINANCIAL STATUS

The Utility's financial performance for the period 2017 through 2023 was evaluated relative to the following criteria:

- Generating positive cash flow – cash flow may fluctuate from year to year, and it is not necessary to generate positive cash flow every year, but the rates should be sufficient to generate positive cash flow if the utility reserves need to be increased or minimize negative cash flows if the utility has sufficient reserves.

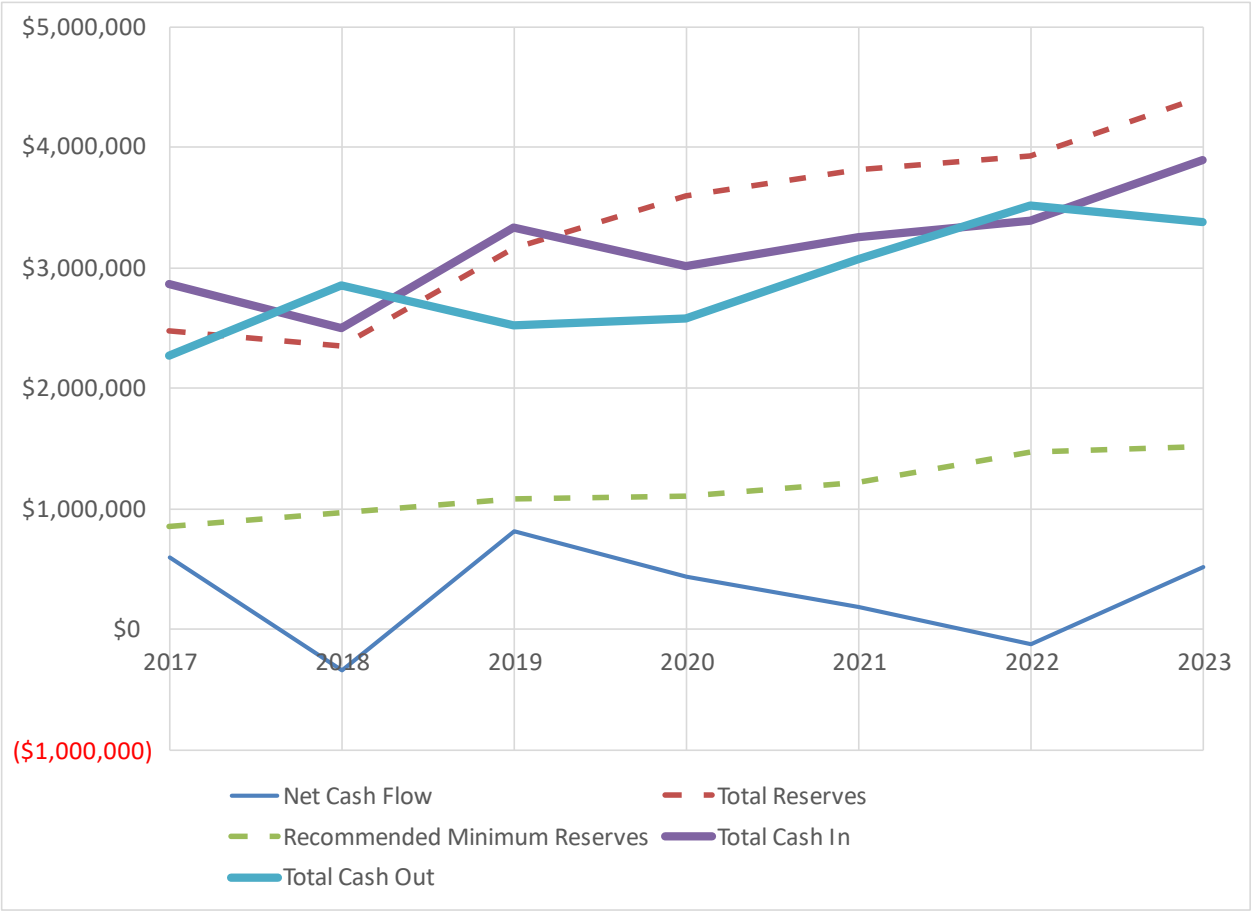
- Providing sufficient debt coverage for revenue debt – revenue debt is backed by a pledge of utility revenues. Revenue bonds usually require that, at a minimum, the utility maintain net revenues (revenues minus operation and maintenance expenses) that are equal to the total annual payments on revenue debt plus a coverage factor of 25 percent.
- Maintaining the utility's reserves at or above recommended levels – it is important for utilities to maintain sufficient cash reserves to manage cash flow fluctuations throughout the year, to absorb unexpected fluctuations in operating revenues or expenses, to fund unexpected capital costs to rehabilitate or replace infrastructure that wears out faster than expected, or to cash finance planned capital improvements. Recommended minimum reserve levels include a working capital reserve of 4 months of operating expenses, capital reserves equal to the annual expected capital expenditures for the next 5 years, and any restricted funds for debt obligations.
- Avoiding or mitigating the need for issuance of new debt for routine sewer main and equipment replacement – most utilities issue debt from time to time to fund major capital projects, and sometimes to fund more routine ongoing replacement and renewal projects if current revenues or reserves funds are insufficient. Issuing debt for major, infrequent projects provides a means of spreading the costs of the project over a longer period rather than requiring current customers to pay the entire cost. However, debt financing increases the capital costs of the utility and should be used with caution for ongoing annual programs of renewal and replacement, such as equipment replacement or an annual main replacement program.
- Debt burden – The appropriate amount of debt financing depends on the specific conditions of the utility system. A very new system or one that has recently replaced a significant percentage of its infrastructure may have a relatively higher level of debt. On the other hand, an older utility system that has deferred infrastructure replacements or has undertaken replacements on an incremental basis with cash financing will probably have a very low amount of debt relative to total utility assets. If a utility has a high level of debt financing and the level of debt financing is increasing, steps should be taken to reduce the reliance on debt financing over time. If a utility has a lower level of debt financing and has the resources to cash finance a sufficient program of infrastructure renewal and replacement, there is no need to increase its reliance on debt financing, as this will only add to its costs. For municipally owned utilities, Standard and Poor's ratings criteria assigns lower ratings to utilities with debt to capitalization percentages above 20 percent. Moody's doesn't consider percentage of debt or debt to capitalization, instead evaluating the debt coverage ratio and the ratio of outstanding debt to operating revenues. As is the case with S&P, ratings are higher for utilities with higher debt coverage

and lower outstanding debt compared to operating revenues. From the perspective of both ratings agencies, the less debt the stronger the rating.

The evaluation of the Utility's financial condition over the last seven years resulted in the following findings:

- The Utility's revenues have fluctuated significantly year to year during the last five years. Much of this was due to changes in flows and waste strength from the industrial Q/Q customers, as well as meter inaccuracies that affected one customer's bills. Expenses have been increasing steadily as well, with large spikes in 2021 and 2022 due to higher treatment costs from HOV. This was partially caused by increasing waste from industrial Q/Q customers, so much of that increase was borne by those customers. Cash flow was positive for every year except 2018, which was due to the metering inaccuracies.
- The Utility has a very low debt burden as measured by its percentage of debt to capitalization (approximately 0.5 percent as of year-end 2023) and its ratio of outstanding debt to operating revenues (0.02) as of the end of 2023. The Utility re-financed some outstanding debt in 2019, which remains the only remaining Utility debt and is scheduled to be paid off in 2025.
- As of December 31, 2023, the Utility had reserves totaling just over $4.4 million, with no reserves in restricted funds. This is well above the recommended minimum balance of $1.5 million.

Figure 3 - Historic Cash Flows and Reserves



SECTION THREE – CASH FLOW FORECASTS

To estimate the recommended overall level of immediate and future rate increases, alternative cash flow forecasts were tested and analyzed. The following objectives were used for developing the financing plan, cash flow forecast, and recommended rate increases:

- Continue to fund routine capital improvements and equipment replacements from current revenues or reserves.
- Maintain reserves at or above the recommended levels.
- Mitigate overall rate increases to the extent possible.

Several alternative cash flow forecasts were prepared to test the impacts of various assumptions about customer sales and treatment charges from HOV. All cash flow forecasts were based on the forecasts of billable flows and loadings, O&M expenses and capital improvements described in the previous sections, as well as the following assumptions:

- Other operating revenues based on the average of the previous five years;
- Investment income based on earning 1.0 percent interest on restricted and unrestricted reserves as in 2023;
- Capital improvements will be funded through current utility revenues and unrestricted reserves;
- Recommended minimum reserve levels include the following:
    - Working capital reserve equal to 4 months of annual operating expenses;
    - Additional unrestricted capital improvement reserves of $700,000.

The assumptions were evaluated and discussed with Utility staff. Based on these assumptions and forecasts, it is recommended that the utility begin to implement annual rate increases of 4.0 percent per year beginning in 2025 through 2031, and 3.0% percent per year annually after 2031. These increases are recommended to mitigate projected negative cash flows, allow the Utility to maintain reserves at or above the minimum recommended amount, and balance the use of reserve funds and user fees to fund capital improvements over the next 10 years.

Cash flow is projected to begin to be negative starting in 2026, although the Utility will be able to draw down on built up reserves to pay for future capital projects. However, as expenses increase, utility reserves will be used more rapidly, creating the need for annual rate adjustments. The following table and charts show the projected cash flows under the proposed rate implementation plan. As shown, cash flows are projected to be more than sufficient to cover the Utility's operation and maintenance expenses. However, the Utility is projected to use some of its existing reserves to fund capital projects.

Table 7 - Projected Cash Flows with Recommended Rate Increases

	Projected	Test Year									
	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034
Projected Rate Increase	**0.0%**	**4.0%**	**4.0%**	**4.0%**	**4.0%**	**4.0%**	**4.0%**	**4.0%**	**3.0%**	**3.0%**	**3.0%**
Total Cash In	$3,681,362	$3,585,602	$3,744,535	$3,880,978	$4,041,248	$4,213,379	$4,386,987	$4,570,247	$4,715,370	$4,868,042	$5,025,792
Expenses											
Subtotal O&M	*$2,949,439*	*$3,253,505*	*$3,394,284*	*$3,542,223*	*$3,696,755*	*$3,836,860*	*$3,943,242*	*$4,053,813*	*$4,166,423*	*$4,281,519*	*$4,401,554*
Sewer Share of PILOT on water meters	*$8,013*	*$8,093*	*$8,174*	*$8,255*	*$8,338*	*$8,421*	*$8,506*	*$8,591*	*$8,676*	*$8,763*	*$8,851*
Debt Service	*$37,400*	*$46,350*	*$0*	*$0*	*$0*	*$0*	*$0*	*$0*	*$0*	*$0*	*$0*
Capital Outlay	*$16,009*	*$84,000*	*$1,126,000*	*$595,000*	*$772,000*	*$733,000*	*$650,000*	*$669,500*	*$689,585*	*$710,273*	*$731,581*
Total Cash Out	$3,010,861	$3,391,948	$4,528,458	$4,145,479	$4,477,093	$4,578,281	$4,601,748	$4,731,904	$4,864,685	$5,000,555	$5,141,986
Net Cash Flow	$670,501	$193,654	($783,923)	($264,501)	($435,845)	($364,901)	($214,761)	($161,656)	($149,315)	($132,513)	($116,194)
Reserves											
Beginning Balance	$4,415,599	$5,086,100	$5,279,754	$4,495,832	$4,231,331	$3,795,486	$3,430,585	$3,215,824	$3,054,167	$2,904,852	$2,772,340
Net Cash Flow	$670,501	$193,654	($783,923)	($264,501)	($435,845)	($364,901)	($214,761)	($161,656)	($149,315)	($132,513)	($116,194)
Ending Balance	$5,086,100	$5,279,754	$4,495,832	$4,231,331	$3,795,486	$3,430,585	$3,215,824	$3,054,167	$2,904,852	$2,772,340	$2,656,145
Unrestricted Reserves	$5,086,100	$5,279,754	$4,495,832	$4,231,331	$3,795,486	$3,430,585	$3,215,824	$3,054,167	$2,904,852	$2,772,340	$2,656,145
Restricted Reserves	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
Total Reserves	$5,086,100	$5,279,754	$4,495,832	$4,231,331	$3,795,486	$3,430,585	$3,215,824	$3,054,167	$2,904,852	$2,772,340	$2,656,145
Recommended Reserve											
Operating Reserve	$983,146	$1,084,502	$1,131,428	$1,180,741	$1,232,252	$1,278,953	$1,314,414	$1,351,271	$1,388,808	$1,427,173	$1,467,185
Capital Reserve	$518,602	$662,000	$775,200	$683,900	$702,817	$690,472	$690,188	$710,893	$732,220	$754,187	$776,812
Total	$1,501,748	$1,746,502	$1,906,628	$1,864,641	$1,935,069	$1,969,425	$2,004,602	$2,062,164	$2,121,028	$2,181,360	$2,243,997
Days Cash On Hand	629	592	483	436	375	326	298	275	254	236	220

Figure 4 - Forecast Cash Flows and Reserves with Recommended Rate Increases

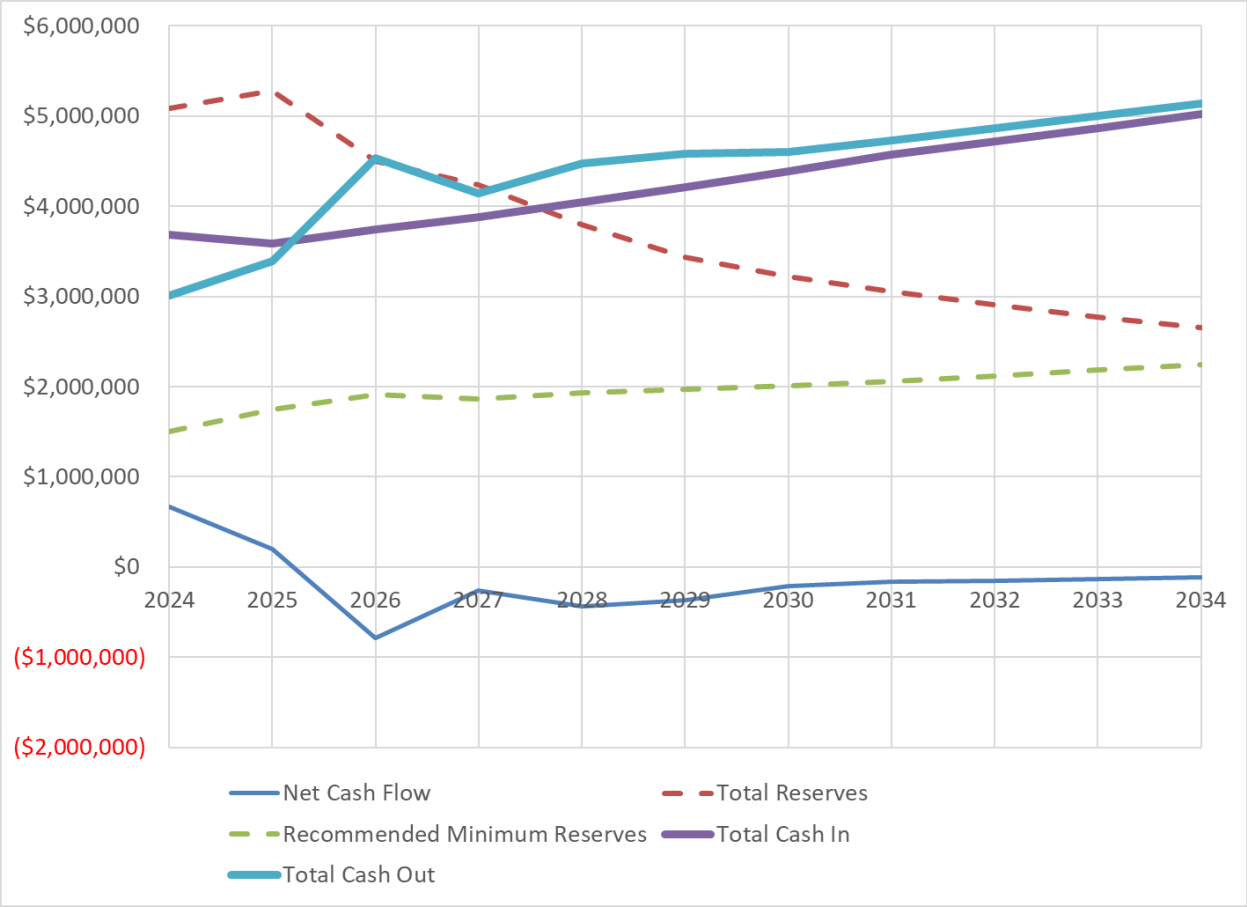
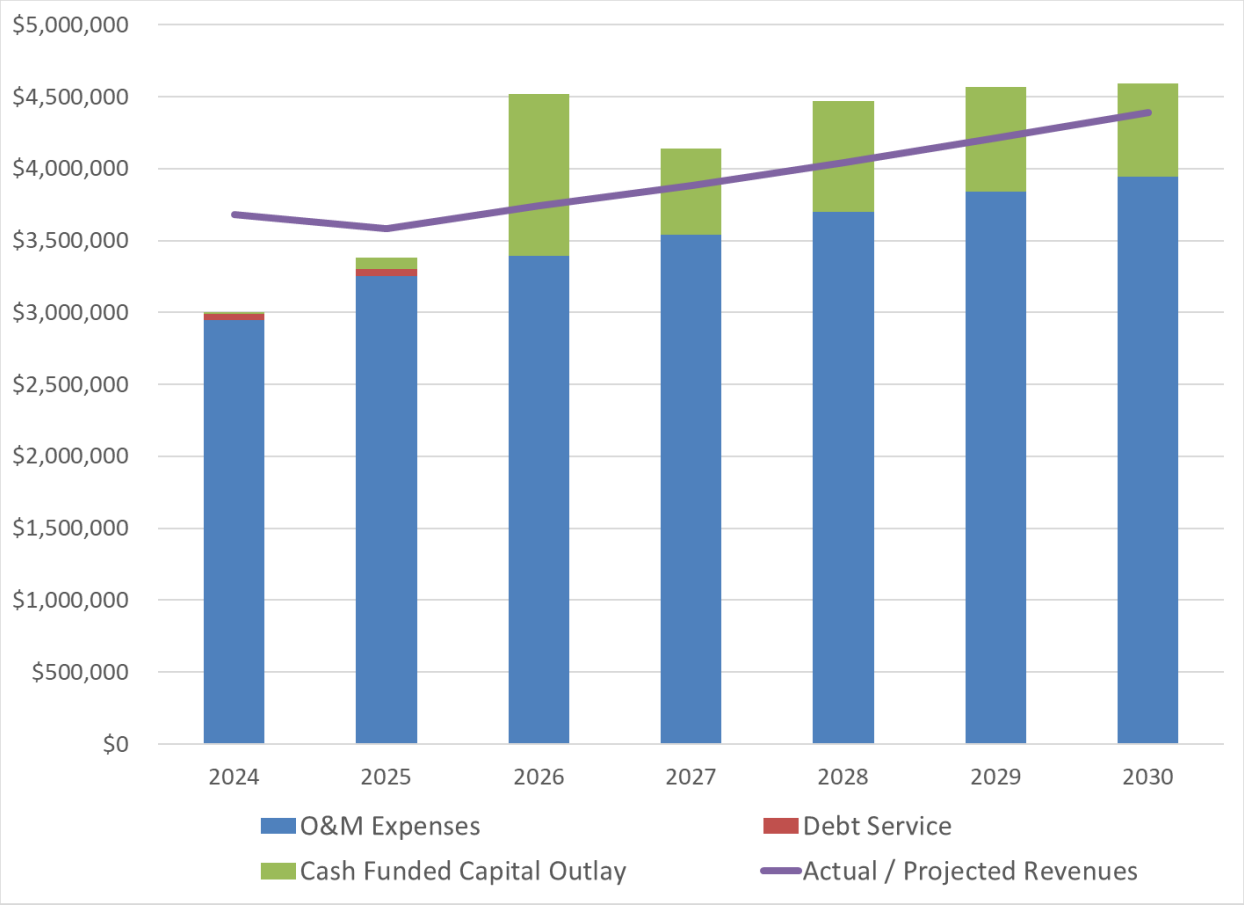


Figure 5 - Forecast Revenues as Compared to Cash Needs for O&M, Debt Service, and Cash Funded Capital



It should be noted that these future projections of cash flow are for planning purposes only. The Utility should continue to assess the financial, physical, and operational conditions of the utility on an annual basis to respond to changing conditions and make decisions regarding which capital improvement projects to undertake, how those projects should be financed and any rate change that may be needed to meet future revenue requirements. Future years' rates for 2026 through 2030 may need to be adjusted based on changing conditions, such as an unexpected change to treatment expenses.

SECTION FOUR – 2025 REVENUE REQUIREMENTS, COST-OF-SERVICE ANALYSIS AND RATE DESIGN

The process of determining user charge rates involves three basic steps:

- Revenue Requirements – In the first step, the amount of revenues that the Utility needs to recover from user charge rates is determined.
- Cost of Service Analysis – In the second step, each category of costs within the revenue requirements is allocated to various utility functions, and then to each customer class.
- Rate Design – In the third step, rates per unit of service are calculated to recover the total amount needed and the appropriate amount from each customer class.

The tables attached to this report as an appendix show the detailed revenue requirements, the cost-of-service analysis, the rate calculations, and the estimated revenues at the projected rates for 2025 through 2027.

A. REVENUE REQUIREMENT

Under the utility-basis method, utility revenue requirements include operation and maintenance expense, depreciation expense, and a return on investment. Inclusion of depreciation expense and a return on investment in the calculation of the rates provides funds that the Utility may use for debt service, cash funded capital expenditures, or to build up reserves for future capital expenditures or rate stabilization. For purposes of this study, the return on investment was calculated based on revenues required in 2025.

Overall, a gradual increase in overall revenues generated from rates is recommended at this time. The revenue requirements for 2025 include $3.25 million for operation and maintenance expense, $253,000 for depreciation expense, and no return on investment. The Utility can forego return on investment because it will be carrying no debt beginning in 2026 and for the foreseeable future and because it has substantial reserves that can be used to fund part of its capital improvement program.

B. COST OF SERVICE ANALYSIS

Costs were first allocated to the functions served by the utility. Each category of the utility's costs was split between costs to provide collector and interceptor sewer conveyance, wastewater treatment for average daily volume, costs to treat pollutant loadings (BOD, TSS, P, and TKN), billing costs, and connection costs that are relatively fixed per customer or meter. Costs were allocated to utility functions based on generally accepted industry methodology.

Operation and Maintenance Expenses

Treatment charges from HOV were allocated in proportion to the projected 2025 charges for demand, flow, loadings, and Reserve Capacity Assessments (RCAs). Demand and flow charges

were allocated to flow, RCA charges were allocated to customer costs, and the loadings charges were allocated to the respective loadings. The majority of conveyance system costs were allocated to flow; however, a portion of these expenses were allocated to TSS. Finally, the general and administrative expenses were allocated based on the percentage of all other expenses allocated to each function. The current practice is to charge industrial Q/Q customers for excess loadings at the same rate per pound that is billed to the Village by HOV. However, this cost-of-service allocation could be used to support higher rates that include a portion of the Village's expenses for conveyance services and general and administrative expenses.

Total Plant Assets

The percentage of Total Plant allocated to each utility function is used to allocate return on investment to each function under this method.

Depreciation Expense

Depreciation expense for each category of assets was allocated to each utility function using the same percentages as the allocation of utility plant.

Return on Net Investment Rate Base

- Return on investment is calculated as a rate of return applied to the Utility's net investment rate base. Net investment rate base is the total original cost of utility assets in service, net of accumulated depreciation.
- At this time, no return on investment is needed to fund utility capital investments. This rate can be adjusted in the future as needed to generate sufficient revenues for future obligations.
- Return on investment, should the Utility determine a return is needed in the future, is allocated between the various utility functions using the same allocation percentages as those developed for utility plant.

Summary

About 74 percent of the Utility's costs are related to treatment of wastewater by HOV. The remaining 26 percent of the Utility's costs are related to operation, maintenance and replacement of the collection system, billing and metering costs, and administrative and general expenses.

Costs for each utility function were next allocated to each customer class (residential, multi-family, commercial, industrial, public authority, industrial quantity / quality) based on the demand characteristics of each customer class. A portion of the conveyance system and WWTP

flow costs were allocated to infiltration and inflow (I/I) based on the forecast percentage of flow that is contributed by I/I.

C. RATE SCHEDULE

Recommended user charge rates were designed to recover approximately the amounts allocated to each customer class. The recommended increase for 2025 for each type of user charges is based on the cost-of-service allocation by customer class. Rate increases for specific user charges rates vary from the overall increase of 4.0 percent due to adjustments to better match the rates with the Utility's current cost structure.

The recommended rate structure includes a change from flat quarterly minimum charges to a graduated schedule based on water meter size, similar to the Village's water rates. This change is recommended to reflect the higher costs of serving larger customers with larger meters and higher use. It will also result in a slight increase in the share of revenues from fixed charges, which currently make up less than 5 percent of utility revenues.

The cost-of-service analysis indicated that the fixed charges could be increased even more, up to an amount of about 20 percent of utility revenues. However, this would have a disparate impact on smaller customers of the utility, so the proposed fixed charge increases reflect a modest increase in fixed charge revenues. It is recommended that the utility gradually increase the amount of fixed charges over time, to create a healthier balance of fixed and variable revenues.

The recommended Q/Q rates are based on projected rates charged by HOV to the Village plus the additional expenses for Village conveyance and general and administrative expenses.

Table 8 - Current and Proposed Rate Schedule

Monthly Minimum Charge	Connection Size	2024 Rate	**Proposed Rates - 2025**	Percent Change
	5/8	$3.00	**$4.00**	33%
	3/4	$3.00	**$4.00**	33%
	1	$3.00	**$6.50**	117%
	1 1/4	$3.00	**$8.60**	187%
	1 1/2	$3.00	**$10.80**	260%
	2	$3.00	**$15.97**	432%
	2 1/2	$0.00	**$22.57**	
	3	$3.00	**$27.57**	819%
	4	$3.00	**$43.97**	1366%
	6	$3.00	**$84.40**	2713%
	8	$3.00	**$132.80**	4327%
	10	$0.00	**$197.23**	
	12	$0.00	**$261.63**	

	Units	2024 Rate	**Proposed Rates - 2025**	Percent Change
Volume Charge	$/1,000 gallons	$7.50	**$7.55**	0.7%
Industrial Q/Q Rates				
Volume	$/1,000 gallons	$7.50	**$7.55**	0.7%
BOD	$/lb	$0.176	**$0.198**	12.5%
TSS	$/lb	$0.243	**$0.310**	27.6%
Phosphorus	$/lb	$6.617	**$7.442**	12.5%
NH-3	$/lb	$1.102	**$1.239**	12.4%
Chlorides	$/lb	-	**$0.003**	

The following table shows the projected increase in the monthly sewer bills for example customers of various sizes in each of the customer classes. As shown, the average residential customer may experience an increase of about $1.13 per month in 2025.

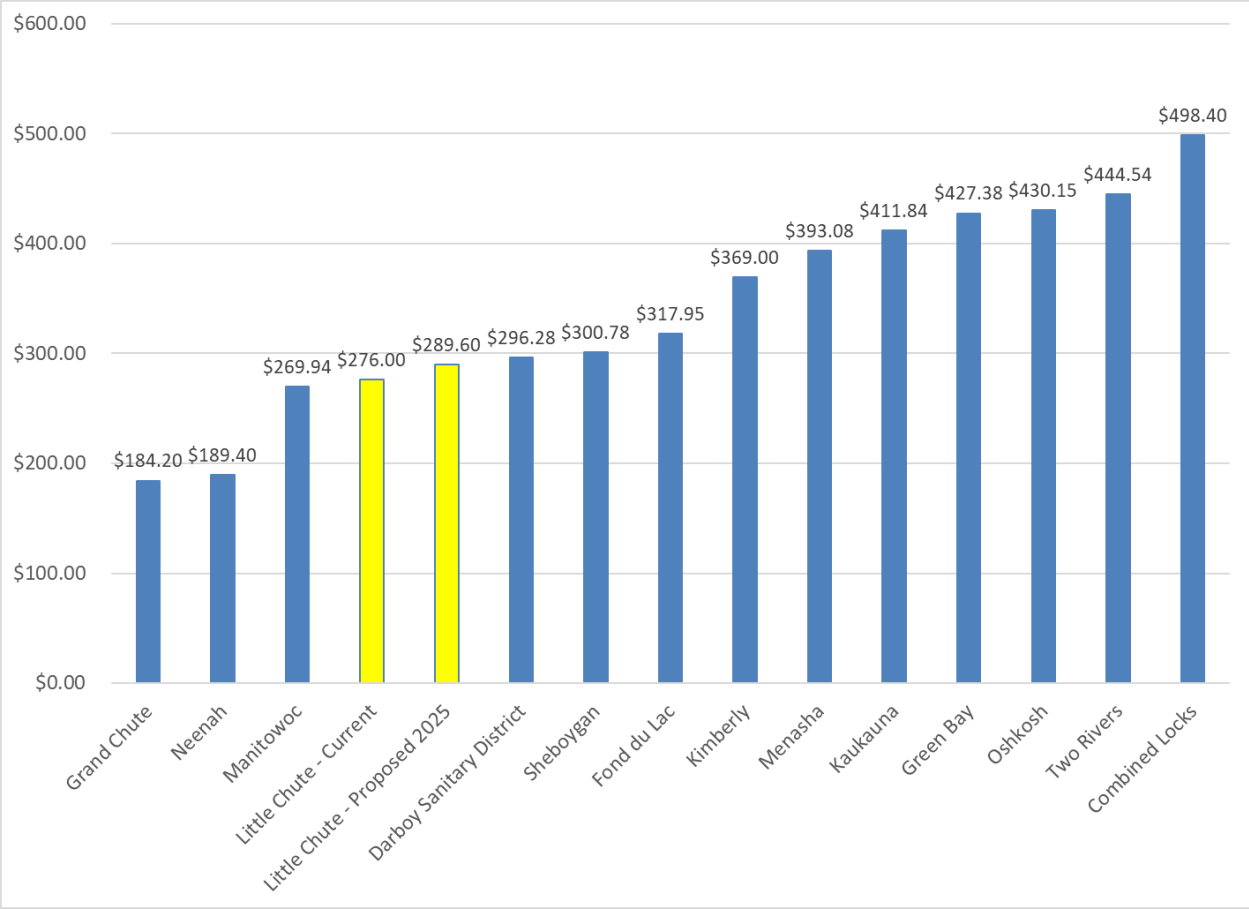
Table 9 - Customer Bill Impact Comparison

Customer Class	Customer Size	Meter Size (Inches)	Billed Volume (1,000 gallons)	Monthly Bill: Bill at Old Rates	Monthly Bill: Bill at New Rates	Monthly Bill: Dollar Change	Monthly Bill: Percentage Change
Residential	Small	5/8	1.7	$15.50	$16.58	$1.08	7.0%
Residential	Average	5/8	2.7	$23.00	$24.13	$1.13	4.9%
Residential	Large	5/8	5.0	$40.50	$41.75	$1.25	3.1%
Residential	Very Large	1	16.7	$128.00	$132.33	$4.33	3.4%
Multi-Family	Small	5/8	13.3	$103.00	$104.67	$1.67	1.6%
Multi-Family	Average	1 1/2	51.7	$390.50	$400.88	$10.38	2.7%
Multi-Family	Large	3	155.0	$1,165.50	$1,197.82	$32.32	2.8%
Multi-Family	Very Large	4	258.3	$1,940.50	$1,994.38	$53.88	2.8%
Commercial	Small	5/8	2.0	$18.00	$19.10	$1.10	6.1%
Commercial	Average	3/4	8.0	$63.00	$64.40	$1.40	2.2%
Commercial	Large	1 1/2	26.7	$203.00	$212.13	$9.13	4.5%
Commercial	Very Large	3	80.0	$603.00	$631.57	$28.57	4.7%
Industrial	Small	1	16.7	$128.00	$132.33	$4.33	3.4%
Industrial	Average	1	46.0	$348.00	$353.80	$5.80	1.7%
Industrial	Large	2	50.0	$378.00	$393.47	$15.47	4.1%
Industrial	Very Large	3	66.7	$503.00	$530.90	$27.90	5.5%
Public Authority	Small	5/8	6.7	$53.00	$54.33	$1.33	2.5%
Public Authority	Average	1	19.0	$145.50	$149.95	$4.45	3.1%
Public Authority	Large	2	50.0	$378.00	$393.47	$15.47	4.1%
Public Authority	Very Large	3	100.0	$753.00	$782.57	$29.57	3.9%

D. COMMUNITY RATE COMPARISON

To provide context for the proposed rates for Little Chute, a comparison with the sewer user rates charged by other communities in the region was prepared. The basis of the charges, and the estimated total annual bill for a residential customer for each community are shown in the following tables. As shown, for a customer using 32,000 gallons of water per year, the annual sewer bill under the current rates for 2024 would be $276.00. The recommended rates for 2025 would result in an annual bill of $289.60, or an increase of $1.13 per month over current rates. Even with the change, the average bill would remain well below the average or median bill for the other regional communities and the lowest of the communities served by HOV.

Figure 6 - Comparison of Annual Wastewater Bills with Peer Communities



E. FUTURE RATE INCREASES

As described above, it is recommended that the utility begin to implement additional annual rate increases of 4.0 percent per year from 2026 through 2031, and 3.0% percent per year annually after 2031 to maintain adequate cash flow and reserves. It is further recommended that the Village set rates for Industrial Q/Q customers that include additional expenses incurred by the Village. As HOV increases its rates for pollutant loadings, the Village should adjust its rates to include the rates charged by HOV plus a surcharge or markup for Village conveyance and general and administrative expenses. Based on this cost-of-service analysis in this study, the percentage markup for local costs are as follows: BOD (7.1%), TSS (21.7%), Phosphorus (7.1%), NH-3 (7.1%), Chlorides (7.7%).

These rate increase recommendations should be reviewed on an annual basis and adjusted as needed for changing conditions.

APPENDIX A – SEWER UTILITY COST OF SERVICE STUDY AND PROPOSED RATE DESIGN

Allocation of Operation and Maintenance Expenses to Service Cost Functions

				TREATMENT PLANT									
		CONVEYANCE		FLOW		WASTE TREATMENT					CUSTOMER COSTS		
Account Description	Total	Collection System	Interceptor System	Average	Peak	BOD	TSS	P	NH-3	Chlorides	Billing	Equivalent Meter	Equivalent Service
	($)	($)	($)	($)	($)	($)	($)	($)	($)	($)	($)	($)	($)
WASTEWATER TREATMENT													
Contractual Services	1,624			325	0	406	406	162	244	81			
HOVMSD Disposal Fees	2,620,128			802,042	0	531,005	542,002	289,192	310,596	13,168		132,123	
Pretreatment Analysis	0			0	0	0	0	0	0	0			
SYSTEM MAINTENANCE													
Full-Time Wages	112,346			78,642	0	0	33,704	0	0	0			
Part-Time Wages	1,015			711	0	0	305	0	0	0			
Social Security	8,713			6,099	0	0	2,614	0	0	0			
Retirement	7,709			5,396	0	0	2,313	0	0	0			
Health Insurance	44,939			31,457	0	0	13,482	0	0	0			
Life Insurance	61			42	0	0	18	0	0	0			
Dental Insurance	2,487			1,741	0	0	746	0	0	0			
Disability Insurance	246			173	0	0	74	0	0	0			
Overtime	505			354	0	0	152	0	0	0			
Contractual Services	15,150			10,605	0	0	4,545	0	0	0			
Telephone Locates	5,050			3,535	0	0	1,515	0	0	0			
Equipment Rental	253			177	0	0	76	0	0	0			
Railroad Easement	380			266	0	0	114	0	0	0			
Clothing Allowance	303			212	0	0	91	0	0	0			
Safety Equipment	505			354	0	0	152	0	0	0			
Construction Materials	2,020			1,414	0	0	606	0	0	0			
Operational Supplies	202			141	0	0	61	0	0	0			
Small Equipment	5,050			3,535	0	0	1,515	0	0	0			
Public Information	101			71	0	0	30	0	0	0			
Vehicle	12,120			8,484	0	0	3,636	0	0	0			
Utilities	707			495	0	0	212	0	0	0			
Maintenance of Mains	3,030			2,121	0	0	909	0	0	0			
Maintenance of Meters	7,575			5,303	0	0	2,273	0	0	0			
Maintenance - I&I	15,150			10,605	0	0	4,545	0	0	0			
Camera	0			0	0	0	0	0	0	0			
BILLING													
Full-Time Wages	35,616										35,616		
Part-Time Wages	5,075										5,075		
Social Security	3,136										3,136		
Retirement	2,479										2,479		
Health Insurance	14,661										14,661		
Life Insurance	24										24		
Dental Insurance	722										722		
Disability Insurance	78										78		
Overtime	303										303		
Billing Services	101,000										101,000		
Office Supplies	0										0		
Postage	5,040										5,040		
Service Fee/Finance Charge	3,886										3,886		

Allocation of Operation and Maintenance Expenses to Service Cost Functions

						TREATMENT PLANT							
		CONVEYANCE		FLOW		WASTE TREATMENT						CUSTOMER COSTS	
Account Description	Total	Collection System	Interceptor System	Average	Peak	BOD	TSS	P	NH-3	Chlorides	Billing	Equivalent Meter	Equivalent Service
SUBTOTAL	3,039,389	0	0	974,298	0	531,411	616,092	289,355	310,840	13,249	172,021	132,123	0
l for allocation of G & A expenses	3,039,389	0	0	974,298	0	531,411	616,092	289,355	310,840	13,249	172,021	132,123	0
PERCENTAGE		0.00%	0.00%	32.06%	0.00%	17.48%	20.27%	9.52%	10.23%	0.44%	5.66%	4.35%	0.00%
GENERAL													
Full-Time Wages	67,992	0	0	21,795	0	11,888	13,782	6,473	6,954	296	3,848	2,956	0
Part-Time Wages	0	0	0	0	0	0	0	0	0	0	0	0	0
Social Security	5,204	0	0	1,668	0	910	1,055	495	532	23	295	226	0
Retirement	5,000	0	0	1,603	0	874	1,014	476	511	22	283	217	0
Health Insurance	11,114	0	0	3,563	0	1,943	2,253	1,058	1,137	48	629	483	0
Life Insurance	27	0	0	9	0	5	6	3	3	0	2	1	0
Dental Insurance	814	0	0	261	0	142	165	77	83	4	46	35	0
Disability Insurance	150	0	0	48	0	26	31	14	15	1	9	7	0
Training & Conferences	758	0	0	243	0	132	154	72	77	3	43	33	0
Telephones	3,333	0	0	1,068	0	583	676	317	341	15	189	145	0
Contractual Services	9,671	0	0	3,100	0	1,691	1,960	921	989	42	547	420	0
Equipment Repair	505	0	0	162	0	88	102	48	52	2	29	22	0
Office Supplies	2,521	0	0	808	0	441	511	240	258	11	143	110	0
Printing & Reproduction	3,030	0	0	971	0	530	614	288	310	13	171	132	0
Books, Subscriptions	9,999	0	0	3,205	0	1,748	2,027	952	1,023	44	566	435	0
Safety Equipment / Program	1,212	0	0	389	0	212	246	115	124	5	69	53	0
Operational Supplies	441	0	0	141	0	77	89	42	45	2	25	19	0
Small Equipment	288	0	0	92	0	50	58	27	29	1	16	13	0
Postage	101	0	0	32	0	18	20	10	10	0	6	4	0
Public Information	101	0	0	32	0	18	20	10	10	0	6	4	0
Investment Services	2,929	0	0	939	0	512	594	279	300	13	166	127	0
Workers Compensation	6,204	0	0	1,989	0	1,085	1,258	591	635	27	351	270	0
Property & Liability Insurance	27,084	0	0	8,682	0	4,735	5,490	2,578	2,770	118	1,533	1,177	0
Rent	8,718	0	0	2,795	0	1,524	1,767	830	892	38	493	379	0
Computer Maintenance	0	0	0	0	0	0	0	0	0	0	0	0	0
Custodial Bldg Repair / Maint.	3,030	0	0	971	0	530	614	288	310	13	171	132	0
Custodial - Contractual	8,856	0	0	2,839	0	1,548	1,795	843	906	39	501	385	0
Custodial - Operational Supplie	655	0	0	210	0	115	133	62	67	3	37	28	0
Custodial - Equipment	1,596	0	0	512	0	279	323	152	163	7	90	69	0
Building Utilities	14,552	0	0	4,665	0	2,544	2,950	1,385	1,488	63	824	633	0
Legal / Audit	18,180	0	0	5,828	0	3,179	3,685	1,731	1,859	79	1,029	790	0
Buildings & Grounds	0	0	0	0	0	0	0	0	0	0	0	0	0
SUBTOTAL	214,066	0	0	68,620	0	37,428	43,392	20,379	21,893	933	12,116	9,306	0
TOTAL	**3,253,454**	**0**	**0**	**1,042,918**	**0**	**568,839**	**659,484**	**309,734**	**332,732**	**14,182**	**184,137**	**141,429**	**0**

Allocation of Depreciation Expense to Service Cost Functions

Account Description	Avg. Depreciation Rate	Annual Depreciation	CONVEYANCE		FLOW		TREATMENT PLANT WASTE TREATMENT					CUSTOMER COSTS		
			Collection System	Interceptor System	Average	Peak	BOD	TSS	P	NH-3	Chlorides	Billing	Equivalent Meter	Equivalent Service
	%	($)	($)	($)	($)	($)	($)	($)	($)	($)	($)	($)	($)	($)
INTANGIBLE														
Total Intangible	n/a	0												
COLLECTING MAINS														
Collection Equipment	4.00%	1,102	1,102											
Land and Land Rights	n/a	0												
Lift Stations	4.00%	1,984		1,984										
Service Connections	2.00%	34,318												34,318
Collecting Mains	1.00%	153,548	153,548											
Force Mains	1.00%	2,827		2,827										
Deduct Meters	5.00%	2,302											2,302	
COLLECTION SYSTEM PUMPING														
Total Collection System Pumping	n/a	0												
TREATMENT AND DISPOSAL														
Total Treatment and Disposal	n/a	0												
GENERAL														
Transportation equipment	10.00%	13,898	11,092	345	0	0	0	0	0	0	0	0	0	2,461
Other general equipment	10.00%	5,869	4,684	146	0	0	0	0	0	0	0	0	0	1,039
Meters charged to sewer	5.00%	36,955											36,955	
TOTAL	**1.43%**	**252,804**	**170,425**	**5,302**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**39,257**	**37,819**

Summary of Allocation of Operating Costs to Service Cost Functions

Overall Rate of Return **0.00%**

Net Asset Base 14,486,910

		CONVEYANCE		FLOW		TREATMENT PLANT WASTE TREATMENT					CUSTOMER COSTS		
Operating Cost	Total	Collection System	Interceptor System	Average	Peak	BOD	TSS	P	NH-3	Chlorides	Billing	Equivalent Meter	Equivalent Service
	($)	($)	($)	($)	($)	($)	($)	($)	($)	($)	($)	($)	($)
Operation and Maintenance	3,253,454	0	0	1,042,918	0	568,839	659,484	309,734	332,732	14,182	184,137	141,429	0
Depreciation Expense	252,804	170,425	5,302	0	0	0	0	0	0	0	0	39,257	37,819
PILOT (Water Meters)	8,093											8,093	
Return on Net Asset Base	0	0	0	0	0	0	0	0	0		0	0	0
Total	3,514,351	170,425	5,302	1,042,918	0	568,839	659,484	309,734	332,732	14,182	184,137	188,778	37,819

Customer Class Demand Ratios

Billing Units - 1,000 gallons		BASE DEMAND			EXTRA-CAPACITY MAX DAY DEMAND							TREATMENT CATEGORIES										
												BOD			TSS			P			NH3	
Customer Class	Annual Volume	Average Day Volume	System Percent (%)	Collection Percent (%)	Max Day / Average Day Ratio	Extra Capacity Ratio	Extra Capacity Volume Rate Per Day	Percent (%)	System Adjust. Percentage (%)	Coll. Adjust. Percentage (%)	Waste Strength (mg/l)	Loadings (lbs)	Percent (%)	Waste Strength (mg/l)	Loadings (lbs)	Percent (%)	Waste Strength (mg/l)	Loadings (lbs)	Percent (%)	Waste Strength (mg/l)	Loadings (lbs)	Percent (%)
Residential	141,182	386,799	14.11%	14.11%	1.01	0.01	3,868	62.33%	62.33%	62.33%	180	211,942	7.38%	250	294,364	13.85%	8	9,420	22.63%	35	41,211	15.35%
Multi-Family	31,019	84,985	3.10%	3.10%	1.01	0.01	850	13.70%	13.70%	13.70%	180	46,566	1.62%	250	64,676	3.04%	8	2,070	4.97%	35	9,055	3.37%
Commercial	33,707	92,347	3.37%	3.37%	1.01	0.01	923	14.88%	14.88%	14.88%	180	50,600	1.76%	250	70,278	3.31%	8	2,249	5.40%	35	9,839	3.67%
Industrial	14,865	40,727	1.49%	1.49%	1.01	0.01	407	6.56%	6.56%	6.56%	180	22,316	0.78%	250	30,994	1.46%	8	992	2.38%	35	4,339	1.62%
Public Authority	5,719	15,668	0.57%	0.57%	1.01	0.01	157	2.53%	2.53%	2.53%	180	8,585	0.30%	250	11,924	0.56%	8	382	0.92%	35	1,669	0.62%
Industrial Q/Q	173,689	475,860	17.36%	17.36%	1.00	0.00	-	0.00%	0.00%	0.00%	180	260,742	9.08%	250	362,141	17.04%	8	11,589	27.84%	35	50,700	18.89%
Industrial Q/Q Surcharges												641,050	22.33%		157,682	7.42%		1,683	4.04%		6,027	2.24%
Inflow / Infiltration	600,271	1,644,578	60.00%	60.00%	1.00	0.00	-	0.00%	0.00%	0.00%	-	1,628,496	56.74%	-	1,133,437	53.33%	-	13,240	31.81%	-	145,610	54.24%
Total	1,000,452	2,740,963	100.0%	100.0%			6,205	100.0%	100.0%	100.0%		2,870,298	100.0%		2,125,496	100.0%		41,622	100.0%		268,449	100.0%

Consumer Costs Allocation Factors

Number of Meters

Customer Class	5/8	3/4	1	1 1/4	1 1/2	2	3	4	6	8	10	12	Total Meters	Percent Total
Residential	4,263	-	3		2	2							4,270	90.12%
Multi-Family	6	-	2		28	5	5		-				46	0.97%
Commercial	272	-	52		21	8	2	-					355	7.49%
Industrial	11	-	7		1	4	4	-					27	0.57%
Public Authority	7	-	3		4	5	4	1					24	0.51%
Industrial Q/Q	1		2			1	2	4		6			16	0.34%
Total	4,560	0	69	0	56	25	17	5	0	6	0	0	4,738	

Equivalent Meters

Allocation factor: Meter Size (Inches):	5/8	3/4	1	1 1/4	1 1/2	2	3	4	6	8	10	12	Total Equiv. Meters	Percent Total
Equiv. Meters Ratio:	1.0	1.0	2.5	3.7	5.0	8.0	15.0	25.0	50.0	80.0	120.0	160.0		
Customer Class														
Residential	4,263	-	8	-	10	16	-	-	-	-	-	-	4,297	70.75%
Multi-Family	6	-	5	-	140	40	75	-	-	-	-	-	266	4.38%
Commercial	272	-	130	-	105	64	30	-	-	-	-	-	601	9.90%
Industrial	11	-	18	-	5	32	60	-	-	-	-	-	126	2.07%
Public Authority	7	-	8	-	20	40	60	25	-	-	-	-	160	2.63%
Industrial Q/Q	1	-	5	-	-	8	30	100	-	480	-	-	624	10.28%
Total	4,560	0	173	0	280	200	255	125	0	480	0	0	6,073	100.00%

Equivalent Services

Allocation factor: Meter Size (Inches):	5/8	3/4	1	1 1/4	1 1/2	2	3	4	6	8	10	12	Total Equiv. Services	Percent Total
Equiv. Services Ratio:	1.0	1.0	1.3	1.7	2.0	3.0	4.0	5.0	6.0	7.0	8.0	9.0		
Customer Class														
Residential	4,263	-	4	-	4	6	-	-	-	-	-	-	4,277	86.02%
Multi-Family	6	-	3	-	56	15	20	-	-	-	-	-	100	2.00%
Commercial	272	-	68	-	42	24	8	-	-	-	-	-	414	8.32%
Industrial	11	-	9	-	2	12	16	-	-	-	-	-	50	1.01%
Public Authority	7	-	4	-	8	15	16	5	-	-	-	-	55	1.10%
Industrial Q/Q	1	-	3	-	-	3	8	20	-	42	-	-	77	1.54%
Total	4,560	0	90	0	112	75	68	25	0	42	0	0	4,972	100.00%

Allocation of Service Cost Functions to Customer Classes

	Total	Residential	Multi-Family	Commercial	Industrial	Public Authority	Industrial Q/Q	Industrial Q/Q Surcharges	Infiltration / Inflow
	($)	($)	($)	($)	($)	($)	($)	($)	($)
CONVEYANCE COSTS:									
Collection	170,425	24,050	5,284	5,742	2,532	974	29,588	0	102,255
Interceptor	5,302	748	164	179	79	30	921	0	3,181
FLOW COSTS:									
Average Flow	1,042,918	147,174	32,336	35,137	15,496	5,962	181,062	0	625,751
Peak Flow	0	0	0	0	0	0	0	0	0
TREATMENT COSTS:									
BOD	568,839	42,003	9,229	10,028	4,423	1,701	51,674	127,044	322,737
TSS	659,484	91,333	20,067	21,805	9,617	3,700	112,363	48,925	351,675
P	309,734	70,096	15,401	16,735	7,381	2,839	86,236	12,522	98,523
NH-3	332,732	51,079	11,223	12,195	5,378	2,069	62,840	7,470	180,478
Chlorides	14,182	4,354	957	1,039	458	176	5,356	1,621	220
CUSTOMER COSTS:									
Billing	184,137	165,948	1,788	13,797	1,049	933	622	0	
Equivalent Meters	188,778	133,567	8,269	18,684	3,901	4,958	19,399	0	
Equivalent Services	37,819	32,534	758	3,146	381	418	583	0	
SUBTOTAL COST before I/I	3,514,351	762,887	105,475	138,487	50,695	23,761	550,643	197,581	1,684,821
2 **I/I Allocation %**		35%	8%	8%	4%	1%	43%	0%	
I/I Allocation ($)		594,396	130,597	141,910	62,585	24,078	731,256	0	
TOTAL COST after I/I	3,514,351	1,357,283	236,072	280,397	113,280	47,839	1,281,899	197,581	
LESS OTHER REVENUE	39,254	18,350	2,537	3,331	1,219	572	13,245		
		47%	6%	8%	3%	1%	34%		
COST OF SERVICES	3,475,096	1,338,933	233,535	277,066	112,061	47,267	1,268,654	197,581	
REVENUE AT PRESENT RATES	3,341,020	1,212,582	234,446	265,579	112,461	43,792	1,303,243	168,917	
DIFFERENCE	134,076	126,351	(911)	11,487	(400)	3,475	(34,589)	28,664	
PERCENT INCREASE/DECREASE	4.01%	10.42%	-0.39%	4.33%	-0.36%	7.94%	-2.65%	16.97%	

General Service Charge Calculation

	Cost of Service	Allocated I/I	Units	Annual Billing Periods	Cost per Billing Cycle ($/Unit)
Billing Cost	$184,137	$125,887	4,738	12	$5.45
Equivalent Meters	$188,778	$129,061	6,073	12	$4.36
Equivalent Services	$37,819	$25,855	4,972	12	$1.07
	$410,734	$280,803			

Billing Cycle - Monthly

Size of Connection	Billing Cost ($/unit)	Equivalent Meter Ratio	Meter Cost ($/unit)	Equivalent Service Ratio	Service Cost ($/unit)	Calculated Charge ($/unit)	Present Charge ($/unit)	**Proposed Service Charge ($/unit)**	No. Connections	Revenues at Present Rates	Revenues at Proposed Rates
5/8-inch	$5.45	1.0	$4.36	1.0	$1.07	$10.88	$3.00	**$4.00**	4,560	$164,160	$218,880
3/4-inch	$5.45	1.0	$4.36	1.0	$1.07	$10.88	$3.00	**$4.00**	-	$0	$0
1-inch	$5.45	2.5	$10.90	1.3	$1.39	$17.74	$3.00	**$6.50**	69	$2,484	$5,382
1 1/4-inch	$5.45	3.7	$16.14	1.7	$1.81	$23.41	$3.00	**$8.60**	-	$0	$0
1 1/2-inch	$5.45	5.0	$21.81	2.0	$2.13	$29.40	$3.00	**$10.80**	56	$2,016	$7,258
2-inch	$5.45	8.0	$34.89	3.0	$3.20	$43.55	$3.00	**$15.97**	25	$900	$4,790
2 1/2-inch	$5.45	12.0	$52.34	3.5	$3.74	$61.53	$0.00	**$22.57**	-	$0	$0
3-inch	$5.45	15.0	$65.43	4.0	$4.27	$75.15	$3.00	**$27.57**	17	$612	$5,624
4-inch	$5.45	25.0	$109.04	5.0	$5.34	$119.83	$3.00	**$43.97**	5	$180	$2,638
6-inch	$5.45	50.0	$218.09	6.0	$6.40	$229.94	$3.00	**$84.40**	-	$0	$0
8-inch	$5.45	80.0	$348.94	7.0	$7.47	$361.86	$3.00	**$132.80**	6	$216	$9,562
10-inch	$5.45	120.0	$523.41	8.0	$8.54	$537.40		**$197.23**	-	$0	$0
12-inch	$5.45	160.0	$697.88	9.0	$9.61	$712.93		**$261.63**	-	$0	$0
								Total	4,738	$170,568	$254,133
								Cost of Service			$691,537
								Percent of Cost			36.7%

Volumetric and Industrial Q/Q Rate Calculations

		Total	Residential	Multi-Family	Commercial	Industrial	Public Authority	Industrial Q/Q
Allocated Cost - Volumetric		$1,852,221	$648,952	$144,078	$155,985	$69,042	$26,459	$807,705
Billable Units	1,000 gallons	400,181	141,182	31,019	33,707	14,865	5,719	173,689
Calculated Rate	$ / 1,000 Gallons		$4.60	$4.64	$4.63	$4.64	$4.63	$4.65
Proposed Rate	**$ / 1,000 Gallons**		**$5.71**	**$5.71**	**$5.71**	**$5.71**	**$5.71**	**$5.71**
Allocated Cost - BOD		$246,102	$42,003	$9,229	$10,028	$4,423	$1,701	$51,674
Billable Units	Pounds	1,241,801	211,942	46,566	50,600	22,316	8,585	260,742
Calculated Rate	$ / lb.	$0.1982	$0.1982	$0.1982	$0.1982	$0.1982	$0.1982	$0.1982
Proposed Rate	**$ / lb.**	**$0.198**	**$0.198**	**$0.198**	**$0.198**	**$0.198**	**$0.198**	**$0.198**
Proposed Rate	**$ / 1,000 Gallons**	**$0.297**	**$0.297**	**$0.297**	**$0.297**	**$0.297**	**$0.297**	**$0.297**
Allocated Cost - TSS		$307,809	$91,333	$20,067	$21,805	$9,617	$3,700	$112,363
Billable Units	Pounds	992,059	294,364	64,676	70,278	30,994	11,924	362,141
Calculated Rate	$ / lb.	$0.3103	$0.3103	$0.3103	$0.3103	$0.3103	$0.3103	$0.3103
Proposed Rate	**$ / lb.**	**$0.310**	**$0.310**	**$0.310**	**$0.310**	**$0.310**	**$0.310**	**$0.310**
Proposed Rate	**$ / 1,000 Gallons**	**$0.646**	**$0.646**	**$0.646**	**$0.646**	**$0.646**	**$0.646**	**$0.646**
Allocated Cost - Phosphorus		$211,211	$70,096	$15,401	$16,735	$7,381	$2,839	$86,236
Billable Units	Pounds	28,383	9,420	2,070	2,249	992	382	11,589
Calculated Rate	$ / lb.	$7.4415	$7.4415	$7.4415	$7.4415	$7.4415	$7.4415	$7.4415
Proposed Rate	**$ / lb.**	**$7.442**	**$7.442**	**$7.442**	**$7.442**	**$7.442**	**$7.442**	**$7.442**
Proposed Rate	**$ / 1,000 Gallons**	**$0.497**	**$0.497**	**$0.497**	**$0.497**	**$0.497**	**$0.497**	**$0.497**
Allocated Cost - NH-3		$152,254	$51,079	$11,223	$12,195	$5,378	$2,069	$62,840
Billable Units	Pounds	122,839	41,211	9,055	9,839	4,339	1,669	50,700
Calculated Rate	$ / lb.	$1.2395	$1.2395	$1.2395	$1.2395	$1.2395	$1.2395	$1.2395
Proposed Rate	**$ / lb.**	**$1.239**	**$1.239**	**$1.239**	**$1.239**	**$1.239**	**$1.239**	**$1.239**
Proposed Rate	**$ / 1,000 Gallons**	**$0.362**	**$0.362**	**$0.362**	**$0.362**	**$0.362**	**$0.362**	**$0.362**
Allocated Cost - Chlorides		$13,962	$4,354	$957	$1,039	$458	$176	$5,356
Billable Units	Pounds	6,481,768	2,021,260	444,097	482,568	212,821	81,877	2,486,659
Calculated Rate	$ / lb.	$0.002	$0.002	$0.002	$0.002	$0.002	$0.002	$0.002
Proposed Rate	**$ / lb.**	**$0.003**	**$0.003**	**$0.003**	**$0.003**	**$0.003**	**$0.003**	**$0.003**
Proposed Rate	**$ / 1,000 Gallons**	**$0.043**	**$0.043**	**$0.043**	**$0.043**	**$0.043**	**$0.043**	**$0.043**
Proposed Rate	**$ / 1,000 Gallons**		**$7.55**	**$7.55**	**$7.55**	**$7.55**	**$7.55**	**$7.55**
Estimated Revenues		**$3,219,420**	**$1,065,921**	**$234,197**	**$254,485**	**$112,232**	**$43,178**	**$1,311,351**
Cost of Service		$2,783,559	$907,818	$200,954	$217,788	$96,298	$36,945	$1,126,175
% Cost of Service		115.7%	117.4%	116.5%	116.8%	116.5%	116.9%	116.4%

Comparison of Revenue at Present Rates, Cost-of-Service and Proposed Rates

Customer Class	Revenue at Present Rates	Cost of Service: Revenue Required	Cost of Service: Increase Over Present Rates	Proposed Rates: Revenue	Proposed Rates: Increase Over Present Rates	Proposed Rates: Percent of Cost of Service
City Retail						
Residential	$1,212,582	$1,338,933	10.4%	$1,271,421	4.9%	95.0%
Multi-Family	$234,446	$233,535	-0.4%	$240,882	2.7%	103.1%
Commercial	$265,579	$277,066	4.3%	$276,513	4.1%	99.8%
Industrial	$112,461	$112,061	-0.4%	$115,525	2.7%	103.1%
Public Authority	$43,792	$47,267	7.9%	$47,075	7.5%	99.6%
Industrial Q/Q Volumetric	$1,303,243	$1,268,654	-2.7%	$1,324,080	1.6%	104.4%
Industrial Q/Q Surcharges	$168,917	$197,581	17.0%	$198,056	17.3%	100.2%
Total	$3,341,020	$3,475,096	4.0%	$3,473,553	4.0%	100.0%

Engineering Department &
Department of Public Works

Monthly Utility Commission Report for August 2024

OPERATIONS NOTES:

Sanitary Sewer

- Employees maintained and read laser meters in the sanitary collection system.
- Monitored sanitary sewer system for inflow and infiltration (I&I), televised sanitary mains, and sanitary manholes were inspected.
- Jetted 14,400 ft of main line and flushed dead ends.

Storm Sewer

- Development site plans were reviewed.
- Cleared plugged storm inlets.
- Hauled out street sweepings from yard waste site.
- Televised storm sewer.
- Repaired two storm inlets and three utility hits.
- Continued street sweeping.

Storm Ponds

- Checked outfalls and cleaned trash racks.
- Mowed storm pond perimeters.

Water

- Nothing to report.

ENGINEERING NOTES: 2024 Utility Projects – August

West Evergreen Drive - Utility Project

Don Hietpas & Sons completed utility construction replacing the existing copper water services with the new polyethylene water services and related fittings. Crews also completed the installation of new storm sewer main, storm sewer laterals, and sanitary sewer laterals. The utility construction contract was completed in June.

West Evergreen Drive - Paving Project

Vinton has completed the mainline pavement; crews continue paving construction for the concrete multi-use trail and driveway aprons.

Fox Valley Tool & Die - Utility Project

Gene Frederickson Trucking & Excavating completed utility construction to relocate the existing watermain with the new PVC watermain and related fittings. Crews also relocated the sanitary sewer installing new PVC pipe and new concrete manholes. Utility relocation was paid in full by Fox Valley Tool & Die with no cost sharing by the Village. Relocation work was necessary due to the new building addition for Fox Valley Tool & Die, all utility relocation work was completed in August.

August 2024 - Utility Installation and Abandonments

Fox Valley Tool & Die

WATER MAIN	Units	Installed	Replaced
New 8" Water Valve	EA	1.0	
Furnish & Install New 8" PVC Water Main	LF	267.5	260.0

SANITARY SEWER	Units	Installed	Abandoned
New 12” PVC Sanitary Sewer Main	LF	340.0	310.5
New 4’ Dia. Standard Precast Concrete Manhole	VF (EA)	26.12 (3.0)	9.16 (1.0)
Reconnect Existing 4” Sanitary Lateral	LF (EA)	52.5 (2.0)	

Top Priorities for September 2024

West Evergreen Drive - Paving Project

Vinton Construction has been awarded the 2024 paving contract for West Evergreen Drive; Vinton began the excavation and grading in preparation for concrete paving during the week of June 17th. Vinton has completed the mainline pavement; crews continue paving efforts for the concrete multi-use trail and driveway aprons. Finish grading and landscape restoration is scheduled to begin during the week of September 16th.

Founders Estates Subdivision - Utility Project

Hietpas crews have completed construction of the public utilities, Frederickson has completed the road grading and gravel placement in preparation for future road construction. Private utilities have been installed. Vinton Construction has been contracted by the Developer to construct the concrete street; Vinton has completed concrete paving operations including all hand pours for utility patches remaining intersection tie-ins. Multiple residential duplex sites have broken ground, excavation for foundations and building construction is underway. Inspections have begun related to the permitting for concrete driveways, aprons, and the public sidewalks.

Railroad Quiet Zone:

Staff have been working with the Federal Railroad Administration (FRA) to coordinate the implementation of the Village of Little Chute Railroad Quiet Zone. The Notice of Intent (NOI) to establish the 24-Hour Railroad Quiet Zone for Village crossings has been submitted. The NOI is required by the Federal Railroad Administration (FRA) as part of the process and gives notice to all effected parties/RR authorities including the FRA, CN, WisDOT, Outagamie County, Hartwig Family, and the Office of the Commissioner of Railroads. As part of this notice, the Village has developed a packet of information further describing the proposed Quiet Zone and additional information as required, recipients have reviewed the current conditions and supplementary information, and comments have been received. Staff continue working with regulating authorities and are nearing authorization to establish and implement a railroad quiet zone for the Village of Little Chute.

Miscellaneous:

Engineering Staff continues work on the 2024 West Evergreen Drive (Phase 3) Reconstruction Project which is located between Holland Road and Vandenbroek Road. Work to document and inspect on-site construction (paving) efforts as well as construction administration and management.

Construction of the Ebben Trail Bridges No. 1 & 2 is complete. Staff have worked with Milbach Construction to administer final quantities and pay application to complete project closeout. A final punch-list was created to address any remaining items, Milbach has completed any remaining tasks, and the Village has requested their final pay application to close-out this project.

Engineering continues reviewing, issuing, and inspecting all right of way permits for the Village. Continued efforts to investigate and repair utilities that have been impacted or damaged during the TDS and/or AT&T construction process. Staff are working with Bug Tussel on permitting their proposed fiber project which will impact the Village on Rosehill Road and Holland Road.

Efforts continue to assist other departments with daily tasks as well as any special projects or requests. Staff continue to focus on assisting the Parks Department with upcoming construction projects, including the Van Lieshout Park Splashpad, the next phase of Ebben Trail, and future parking lots and structures currently in the planning stages. Staff are utilized throughout the design, construction inspection, and contract administration of these projects.

Engineering staff continues to coordinate with WisDOT and private utilities with work related to the HWY “41” Corridor construction projects.

The Engineering Division is also working with Community Development and Developers to review planned commercial development sites as well as future design and planning efforts for current and future residential subdivision developments.

VILLAGE OF LITTLE CHUTE
SEWER UTILITY
BUDGET STATUS

	2024 BUDGET Revenue = >	2024 ACTUAL AUGUST YTD	2023 ACTUAL	*% Change from PY*	*$ Change from PY*
REVENUE					
Multi-family Residential	230,000	156,868	152,813	2.65%	4,055
Residential	1,000,000	794,542	801,544	-0.87%	(7,002)
Commercial	280,000	157,847	183,586	-14.02%	(25,739)
Industrial	1,350,000	1,022,051	871,350	17.30%	150,701
Public Authority	440,000	274,415	263,717	4.06%	10,698
Sales Subtotal	3,300,000	2,405,723	2,273,010	*5.8%*	132,713
% of CY Budget		*73%*			
All Other	340,837	202,726	253,278	-19.96%	(50,552)
TOTAL REVENUE	3,640,837	2,608,449	2,526,288	3.25%	82,161
% of CY Budget		*72%*			

	2024 BUDGET Expense = >	2024 ACTUAL AUGUST YTD	2023 ACTUAL		
EXPENSES					
Financing	262,318	175,464	171,328	2.41%	4,136
Treatment	2,781,803	1,516,700	1,704,495	-11.02%	(187,795)
Collection	228,570	139,664	128,481	8.70%	11,183
Billing	170,092	102,592	97,329	5.41%	5,263
Admin	221,209	130,101	142,682	-8.82%	(12,581)
TOTAL EXPENSE	3,663,992	2,064,521	2,244,315	-8.01%	(179,794)
% of CY Budget		*56%*			
CASH FLOW -OPERATIONS	(23,155)	543,928	281,973		
ADD: DEPRECIATION	250,000	166,664	163,328		
ADD: NEW DEBT	-	-	-		
LESS: PRINCIPAL PAID	(40,000)	(40,000)	(40,000)		
LESS: FIXED ASSETS	(16,009)	(3,044)	(312,265)		
NET CASH FLOW	170,836	667,548	93,036		

NOTE :

Landfill revenue for Sewer Utility is billed on a quarterly billing; the first and second quarters have been billed. Strength invoices have not been issued to Bel Brands or Nestle for August. Oh Snap has been billed for strength January through June and next bill will go out quarterly (lab issue). Agropur volume increase accounts for most of the industrial increase from prior year. Commercial decrease mainly related to decrease in water usage at Absolute Supply, LLC. The Water Utility paying the correct rate accounts for the majority of the public authority increase.

Continue to see interest and investment income impacted as result of market changes. The unrealized loss that exists now will ***not*** be recognized as long as the assets are held until maturity. The Village invests in varying maturities to match cash flow needs. An unrealized loss exists when a longer term asset the Village owns price has declined in the market place due to varying interest rates. Each month end, Generally Accepted Accounting Principles require that we record an unrealized loss (or gain) to recognize market impacts. The market to face value total for the Village at the end of August is a $66,932 unrealized loss. The positive news is that interest earnings have escalated from minimal returns in past.

Treatment: Volume is down 15,856,000 gallons compared to 2023 resulting in decreased cost of $187,795. Chlorides have increased 271,920 lbs.

Property, Auto and Workers Compensation premiums for the first three quarters have been paid so nine months of expense have hit income statement.

Capital Contributions (revenue) are not recorded until year end (capital assets paid for by TID or contributed by developers) in the Sewer Utility ($238,000).

Reminder that capital assets are shown as expense in utilities until capitalized as part of year end audit preparation along with a few other annual processes.

VILLAGE OF LITTLE CHUTE 2024 BUDGET

SEWER UTILITY

DEBT SCHEDULE

2019 Refunding

	Sanitary		
Year	**Principal**	**Interest**	**Total**
2024	40,000.00	3,600.00	43,600.00
2025	35,000.00	2,400.00	37,400.00
2026	45,000.00	1,350.00	46,350.00
	120,000.00	7,350.00	127,350.00

TOTAL DEBT

	Sanitary		
Year	**Principal**	**Interest**	**Total**
2024	40,000.00	3,600.00	43,600.00
2025	35,000.00	2,400.00	37,400.00
2026	45,000.00	1,350.00	46,350.00
	120,000.00	7,350.00	127,350.00

VILLAGE OF LITTLE CHUTE
WATER UTILITY
BUDGET STATUS

	2024 BUDGET Revenue = >	2024 ACTUAL AUGUST YTD	2023 ACTUAL	% Change from PY	$ Change from PY
REVENUE					
Multi-family Residential	140,000	91,460	90,256	1.33%	1,204
Residential	950,000	617,805	640,665	-3.57%	(22,860)
Commercial	190,000	110,981	123,512	-10.15%	(12,531)
Industrial	600,000	488,022	440,398	10.81%	47,624
Private Fire	65,000	48,521	46,220	4.98%	2,301
Public Fire	428,000	287,188	286,124	0.37%	1,064
Public Authority	50,000	28,914	40,500	-28.61%	(11,586)
Sales Subtotal	2,423,000	1,672,891	1,667,675	*0.3%*	5,216
% of CY Budget		*69%*			
All Other	540,472	88,193	60,265	46.34%	27,928
TOTAL REVENUE	2,963,472	1,761,084	1,727,940	1.92%	33,144
% of CY Budget		*59%*			

	Expense = > 2024 BUDGET	AUGUST YTD 2024 ACTUAL	2023 ACTUAL		
EXPENSES					
Financing	815,179	545,220	501,641	8.69%	43,579
Wells/Source	60,500	12,362	15,792	-21.72%	(3,430)
Pumping	299,438	168,865	178,414	-5.35%	(9,549)
Treatment	704,626	477,624	438,190	9.00%	39,434
Distribution	908,591	594,295	518,701	14.57%	75,594
Billing	87,824	49,221	43,005	14.45%	6,216
Admin	207,294	115,854	112,416	3.06%	3,438
TOTAL EXPENSE	3,083,452	1,963,441	1,808,159	8.59%	155,282
% of CY Budget		*64%*			
CASH FLOW -OPERATIONS	(119,980)	(202,357)	(80,219)		
ADD: DEPRECIATION	545,000	363,200	350,000		
ADD: NEW DEBT	-	-	-		
LESS: PRINCIPAL PAID	(389,517)	(293,463)	(186,464)		
LESS: FIXED ASSETS	(16,593)	(6,525)	(420,139)		
NET CASH FLOW	18,910	(139,145)	(336,822)		

NOTE :

Continue to see interest and investment income impacted as result of market changes. The unrealized loss that exists now will ***not*** be recognized as long as the assets are held until maturity. The Village invests in varying maturities to match cash flow needs. An unrealized loss exists when a longer term asset the Village owns price has declined in the market place due to varying interest rates. Each month end, Generally Accepted Accounting Principles require that we record an unrealized loss (or gain) to recognize market impacts. The market to face value total for the Village at the end of August is a $66,932 unrealized loss. The positive news is that interest earnings have escalated from minimal returns in past.

Property, Auto and Workers Compensation premiums for the first three quarters have been paid so nine months of expense have hit income statement.

Agropur increased water consumption accounts for majority of increase at industrial level. The commercial decrease is related to lower usage at Absolute Supply, LLC.

Financing has increased as the previous required regulatory amortization is now complete ($31,400 credit per year).

Treatment expense is up due to paying accurate rate to the Sewer Utility for sanitary discharge. Distribution increase as meter replacements finally came in so focus there. Billing increase from prior year is charge for more cellular reads and fully staffed at Accounts Payable Clerk level (allocation of portion of wages).

Capital Contributions (revenue) are not recorded until year end (capital assets paid for by TID or contributed by developers) in the Water Utility ($450,000).

VILLAGE OF LITTLE CHUTE 2024 BUDGET

WATER UTILITY

DEBT SCHEDULE

	2014A Issue			2017B Issue			2016 Water Revenue		
	Water			Water			Water		
Year	Principal	Interest	Total	Principal	Interest	Total	Principal	Interest	Total
2024	45,000.00	551.25	45,551.25	1,546.74	201.08	1,747.82	80,000.00	3,720.00	83,720.00
2025				1,691.11	154.68	1,845.79	80,000.00	2,280.00	82,280.00
2026				1,711.73	103.94	1,815.67	80,000.00	760.00	80,760.00
2027				1,752.96	52.58	1,805.54			
	45,000.00	551.25	45,551.25	6,702.54	512.28	7,214.82	240,000.00	6,760.00	246,760.00

	2017 Safe Drinking Bonds			2019A Issue			2019 Refunding		
	Water			Water			Water		
Year	Principal	Interest	Total	Principal	Interest	Total	Principal	Interest	Total
2024	57,970.29	15,528.62	73,498.91	35,000.00	6,850.00	41,850.00	55,000.00	4,950.00	59,950.00
2025	58,990.57	14,499.38	73,489.95	40,000.00	5,800.00	45,800.00	55,000.00	3,300.00	58,300.00
2026	60,028.80	13,451.99	73,480.79	40,000.00	4,600.00	44,600.00	55,000.00	1,650.00	56,650.00
2027	61,085.31	12,386.19	73,471.50	40,000.00	3,400.00	43,400.00			
2028	62,160.41	11,301.63	73,462.04	40,000.00	2,200.00	42,200.00			
2029	63,254.43	10,197.98	73,452.41	40,000.00	1,000.00	41,000.00			
2030	64,367.71	9,074.91	73,442.62						
2031	65,500.58	7,932.06	73,432.64						
2032	66,653.39	6,769.11	73,422.50						
2033	67,826.49	5,585.69	73,412.18						
2034	69,020.23	4,381.43	73,401.66						
2035	70,234.99	3,155.99	73,390.98						
2036	71,471.13	1,908.98	73,380.11						
2037	72,729.02	640.01	73,369.03						
	911,293.35	116,813.97	1,028,107.32	235,000.00	23,850.00	258,850.00	165,000.00	9,900.00	174,900.00

	2020 Issue			2023 Issue			TOTAL DEBT		
	Water			Water			Water		
Year	Principal	Interest	Total	Principal	Interest	Total	Principal	Interest	Total
2024	55,000.00	5,650.00	60,650.00	60,000.00	15,013.89	75,013.89	389,517.03	52,464.84	441,981.87
2025	55,000.00	4,550.00	59,550.00	40,000.00	20,500.00	60,500.00	330,681.68	51,084.06	381,765.74
2026	55,000.00	3,450.00	58,450.00	40,000.00	18,500.00	58,500.00	331,740.53	42,515.93	374,256.46
2027	55,000.00	2,350.00	57,350.00	40,000.00	16,500.00	56,500.00	197,838.27	34,688.77	232,527.04
2028	60,000.00	1,800.00	61,800.00	45,000.00	14,500.00	59,500.00	207,160.41	29,801.63	236,962.04
2029	60,000.00	1,200.00	61,200.00	45,000.00	12,250.00	57,250.00	208,254.43	24,647.98	232,902.41
2030	60,000.00	600.00	60,600.00	45,000.00	10,000.00	55,000.00	169,367.71	19,674.91	189,042.62
2031				50,000.00	7,750.00	57,750.00	115,500.58	15,682.06	131,182.64
2032				50,000.00	5,250.00	55,250.00	116,653.39	12,019.11	128,672.50
2033				55,000.00	2,750.00	57,750.00	122,826.49	8,335.69	131,162.18
2034							69,020.23	4,381.43	73,401.66
2035							70,234.99	3,155.99	73,390.98
2036							71,471.13	1,908.98	73,380.11
2037							72,729.02	640.01	73,369.03
	400,000.00	19,600.00	419,600.00	470,000.00	123,013.89	593,013.89	2,472,995.89	301,001.39	2,773,997.28

VILLAGE OF LITTLE CHUTE
STORM UTILITY
BUDGET STATUS

	2024 BUDGET	2024 ACTUAL	2023 ACTUAL	*% Change from PY*	*$ Change from PY*
	Revenue = >	**AUGUST YTD**			
REVENUE					
Multi-family Residential	82,000	55,845	55,856	0.0%	(11)
Residential	355,000	229,034	229,384	-0.2%	(350)
Commercial	565,000	398,195	381,570	4.4%	16,625
Industrial	175,000	138,262	119,174	16.0%	19,088
Public Authority	125,000	92,513	90,668	2.0%	1,845
Sales Subtotal	1,302,000	913,849	876,652	*4.2%*	37,197
% of CY Budget		*70%*			
All Other	1,092,785	140,751	77,620	81.3%	63,131
TOTAL REVENUE	2,394,785	1,054,600	954,272	10.5%	100,328
% of CY Budget		*44%*			
	Expense = >	**AUGUST YTD**			
	2024		**2023**		
EXPENSES	**BUDGET**	**ACTUAL**	**ACTUAL**		
Financing	599,186	406,803	377,372	7.8%	29,431
Pond Maintenance	175,345	67,773	32,888	106.1%	34,885
Collection	169,262	138,359	124,342	11.3%	14,017
Billing	72,000	42,242	39,969	5.7%	2,273
Admin	271,790	174,247	179,238	-2.8%	(4,991)
TOTAL EXPENSE	1,287,583	829,424	753,809	10.0%	75,615
% of CY Budget		*64%*			
CASH FLOW -OPERATIONS	1,107,202	225,176	200,463		
ADD: DEPRECIATION	500,000	332,800	336,664		
ADD: NEW DEBT	-	-	-		
LESS: PRINCIPAL PAID	(395,275)	(314,907)	(145,000)		
LESS: FIXED ASSETS	(2,496,736)	(41,630)	(405,833)		
NET CASH FLOW	(1,284,809)	201,439	(13,706)		

NOTE :

Continue to see interest and investment income impacted as result of market changes. The unrealized loss that exists now will ***not*** be recognized as long as the assets are held until maturity. The Village invests in varying maturities to match cash flow needs. An unrealized loss exists when a longer term asset the Village owns price has declined in the market place due to varying interest rates. Each month end, Generally Accepted Accounting Principles require that we record an unrealized loss (or gain) to recognize market impacts. The market to face value total for the Village at the end of August is a $66,932 unrealized loss. The positive news is that interest earnings have escalated from minimal returns in past.

Property, Auto and Workers Compensation premiums for the first three quarters have been paid so nine months of expense have hit income statement.

Pond Maintenance is up due to rental of pumps/repair of pump for the French Pond impact of the power surge.

Capital Contributions (revenue) are not recorded until year end (capital assets paid for by TID or contributed by developers) in the Storm Utility ($1,030,000).

Capital assets are shown as expense in utilities for monitoring until capitalized as part of year end audit preparation.

VILLAGE OF LITTLE CHUTE 2024 BUDGET

STORM UTILITY

DEBT SCHEDULE

	2016 Storm Revenue			2010 Clean Water Fund			2019 Refunding		
	Storm			Storm			Storm		
Year	Principal	Interest	Total	Principal	Interest	Total	Principal	Interest	Total
2023	80,000.00	30,192.00	110,192.00	25,275.30	4,776.24	30,051.54	95,000.00	9,000.00	104,000.00
2024	84,000.00	28,716.00	112,716.00	26,072.23	3,966.75	30,038.98	100,000.00	6,150.00	106,150.00
2025	84,000.00	27,120.00	111,120.00	26,894.29	3,131.75	30,026.04	105,000.00	3,150.00	108,150.00
2026	84,000.00	25,440.00	109,440.00	27,742.27	2,270.38	30,012.65			-
2027	92,000.00	23,542.00	115,542.00	28,616.98	1,381.89	29,998.87			-
2028	92,000.00	21,426.00	113,426.00	29,519.28	465.37	29,984.65			-
2029	96,000.00	19,168.00	115,168.00						
2030	100,000.00	16,718.00	116,718.00						
2031	100,000.00	14,118.00	114,118.00						
2032	104,000.00	11,364.00	115,364.00						
2033	108,000.00	8,340.00	116,340.00						
2034	112,000.00	5,040.00	117,040.00						
2035	112,000.00	1,680.00	113,680.00						
	1,248,000.00	232,864.00	1,480,864.00	164,120.35	15,992.38	180,112.73	300,000.00	18,300.00	318,300.00

	2020 G O Note			2023 G O Note			TOTAL DEBT		
	Storm			Storm			Storm		
Year	Principal	Interest	Total	Principal	Interest	Total	Principal	Interest	Total
2023	50,000.00	5,400.00	55,400.00	145,000.00	38,333.33	183,333.33	395,275.30	87,701.57	482,976.87
2024	55,000.00	4,400.00	59,400.00	105,000.00	52,750.00	157,750.00	370,072.23	95,982.75	466,054.98
2025	55,000.00	3,300.00	58,300.00	100,000.00	47,500.00	147,500.00	370,894.29	84,201.75	455,096.04
2026	55,000.00	2,200.00	57,200.00	105,000.00	42,500.00	147,500.00	271,742.27	72,410.38	344,152.65
2027	55,000.00	1,650.00	56,650.00	110,000.00	37,250.00	147,250.00	285,616.98	63,823.89	349,440.87
2028	55,000.00	1,100.00	56,100.00	115,000.00	31,750.00	146,750.00	291,519.28	54,741.37	346,260.65
2029	55,000.00	550.00	55,550.00	120,000.00	26,000.00	146,000.00	271,000.00	45,718.00	316,718.00
2030				125,000.00	20,000.00	145,000.00	225,000.00	36,718.00	261,718.00
2031				135,000.00	13,750.00	148,750.00	235,000.00	27,868.00	262,868.00
2032				140,000.00	7,000.00	147,000.00	244,000.00	18,364.00	262,364.00
2033							108,000.00	8,340.00	116,340.00
2034							112,000.00	5,040.00	117,040.00
2035							112,000.00	1,680.00	113,680.00
	380,000.00	18,600.00	398,600.00	1,200,000.00	316,833.33	1,516,833.33	3,292,120.35	602,589.71	3,894,710.06

UTILITY COMMISSION

September 17, 2024

Utility Bills List

The above payments are recommended for approval on September 17, 2024.	**$**	**188,971.17**
Rejected: _____		
UTILITY INVOICES PAID WITH VILLAGE BILLS - AUGUST 10 - SEPTEMBER 11, 2024	**$**	**416,319.60**
TOTAL	**$**	**605,290.77**

Aproved: September 17, 2024

_____
Kevin Coffey, Chairperson

_____
Laurie Decker, Clerk

Report Criteria:
Invoice Detail.GL Account = "62000000000"-"62099999999","61000000000"-"61099999999","63000000000"-"63099999999"
Invoice Detail.Voided = {=} FALSE

Invoice	Description	Total Cost	Period	GL Account
BADGER METER INC				
80170612	ORION CELLULAR LTE SERV UNIT	1,063.80	09/24	620-53904-214
Total BADGER METER INC:		1,063.80		
BATTERIES PLUS LLC				
P75664245	SANITARY SEWER METER BATTERIES	118.80	09/24	610-53612-251
Total BATTERIES PLUS LLC:		118.80		
DONALD HIETPAS & SONS INC.				
80224 STOPBOXE	8/2/24 CHANGED STOP BOXES. BRIARWOOD, BIS	2,043.43	09/24	620-53644-252
80524STOPBOX	306 ELM STREET INSTALL POLY WATER MAIN TO	3,065.83	09/24	620-53644-252
Total DONALD HIETPAS & SONS INC.:		5,109.26		
FERGUSON WATERWORKS LLC #1476				
419191	HYD PAINTING	12,375.00	08/24	620-53644-254
425187	INSETTER W/NUT	3,780.00	08/24	620-53644-253
Total FERGUSON WATERWORKS LLC #1476:		16,155.00		
GRAINGER				
9216547829	PORTABLE LABEL PRINTER	899.16	08/24	620-53634-221
9216547829	PIPE FLANGE	107.34	08/24	620-53634-255
9222290547	FACESHIELD, GLOVES, BIB APRON	289.29	08/24	620-53644-213
9235402410	LABEL CARTRIDGE, VINYL & ELEC TAPE	713.36	09/24	620-53644-221
Total GRAINGER:		2,009.15		
GRIESBACH READY-MIX LLC				
8318	CONCRETE-814 MICHIGAN LN	432.80	08/24	620-53644-251
8318	CONCRETE-814 MICHIGAN LN	108.20	08/24	630-53442-251
Total GRIESBACH READY-MIX LLC:		541.00		
HAWKINS INC				
6841558	AZONE	894.77	08/24	620-53634-214
6841558	SODIUM SILICATE	4,231.25	08/24	620-53634-220
6850634	PUMP	1,647.13	08/24	620-53634-214
6850634	PUMP	2,446.12	08/24	620-53634-220
6853315	AZONE	1,101.01	09/24	620-53634-214
6853315	SODIUM SILICATE	4,231.25	09/24	620-53634-220
Total HAWKINS INC:		14,551.53		
KEITH PETERSEN PLUMBING INC				
23741	METER VALVE - 815 BRIARWOOD AVE	181.64	08/24	620-53644-252
Total KEITH PETERSEN PLUMBING INC:		181.64		
LITTLE CHUTE ACE HARDWARE				
285865	FASTENERS & HOOK TOOL	45.84	08/24	620-53624-255

Invoice	Description	Total Cost	Period	GL Account
285868	FASTENERS, MULTI TOOL HANGERS	20.59	08/24	620-53644-218
285892	FASTENERS & HOOK TOOL	64.74	08/24	620-53644-218
286058	FASTENERS & SCREWS	7.77	09/24	620-53624-221
Total LITTLE CHUTE ACE HARDWARE:		138.94		
MCC INC				
356683	STORM	123.38	09/24	630-53442-251
Total MCC INC:		123.38		
MCMAHON ASSOCIATES INC				
936220	ECOLOGICAL SERVICES - STORM PONDS	390.00	08/24	630-53441-204
Total MCMAHON ASSOCIATES INC:		390.00		
MCO				
30962	BILLABLE MILEAGE - JULY	714.25	08/24	620-53644-247
31017	HEALTH & LIABILITY INS - OCT	39,922.96	09/24	620-53644-115
Total MCO:		40,637.21		
MIDWEST METER INC				
170286	METER BASE, LCD W/TWIST TIGHT	82,000.00	08/24	620-53644-301
Total MIDWEST METER INC:		82,000.00		
MIDWEST SALT LLC				
P475651	INDUSTRIAL COARSE SALT	3,500.27	08/24	620-53634-224
P475745	INDUSTRIAL COARSE SALT	3,555.27	08/24	620-53634-224
P475800	INDUSTRIAL COARSE SALT	3,611.88	08/24	620-53634-224
P475908	INDUSTRIAL COARSE SALT	3,555.27	08/24	620-53634-224
P476086	INDUSTRIAL COARSE SALT	3,469.54	09/24	620-53634-224
P476152	INDUSTRIAL COARSE SALT	3,385.43	09/24	620-53634-224
Total MIDWEST SALT LLC:		21,077.66		
NORTHERN LAKE SERVICE INC				
2413031	DW SAMPLES	2,245.00	08/24	620-53644-204
Total NORTHERN LAKE SERVICE INC:		2,245.00		
POSTAL EXPRESS & MORE LLC				
258179	POSTAGE-WATER TESTS	19.44	09/24	620-53644-204
267459	POSTAGE-WATER TESTS	19.46	09/24	620-53644-204
267500	POSTAGE-WATER TESTS	19.46	09/24	620-53644-204
268327	POSTAGE-WATER TESTS	20.44	09/24	620-53644-204
Total POSTAL EXPRESS & MORE LLC:		78.80		
TRILOGY CONSULTING LLC				
1770	WASTEWATER RATE STUDY	2,550.00	08/24	610-53614-204
Total TRILOGY CONSULTING LLC:		2,550.00		
Grand Totals:		188,971.17		

Vendor number hash:	106787
Vendor number hash - split:	118711
Total number of invoices:	35
Total number of transactions:	40

Terms Description	Invoice Amount	Net Invoice Amount
Open Terms	188,971.17	188,971.17
Grand Totals:	188,971.17	188,971.17

Report Criteria:
Invoice Detail.GL Account = "62000000000"-"62099999999","61000000000"-"61099999999","63000000000"-"63099999999"
Invoice Detail.Voided = {=} FALSE

Report Criteria:
Invoice Detail.GL Account = "6200000000"-"62099999999","61000000000"-"61099999999","63000000000"-"63099999999"

Invoice	Type	Description	Total Cost	Terms	1099	PO Number	GL Account
A.P. PLUMBING LLC (297)							
9467	Invoi	NEW SUPPLY LINE	434.82	Open	Non		620-53644-253
Total A.P. PLUMBING LLC (297):			434.82				
AL HARDWARE COMPANY (4702)							
285448	Invoi	AUTO GEAR OIL 80W90 1 QT	7.99	Open	Non		620-53634-255
285524	Invoi	ELBOW 45 2" SXS SCH40	4.59	Open	Non		620-53634-255
285568	Invoi	TOILET TNK REPR	16.99	Open	Non		620-53634-255
285626	Invoi	COMM SWITCH & FOAM WASP & HORNET	30.36	Open	Non		620-53644-218
285687	Invoi	HDW CLOTH - STORM SEWER	16.99	Open	Non		630-53442-251
285730	Invoi	INSECT REPELANT	7.49	Open	Non		620-53644-218
Total AL HARDWARE COMPANY (4702):			84.41				
APPLE VALLEY LANDSCAPING LLC (5523)							
2847	Invoi	HERBICIDE TREATMENT - VANDENBROEK POND	600.00	Open	Non		630-53441-253
Total APPLE VALLEY LANDSCAPING LLC (5523):			600.00				
AT& T (409)							
92078873810824	Invoi	JUL/AUG SERVICE	70.31	Open	Non		620-53924-203
Total AT& T (409):			70.31				
AT&T LONG DISTANCE (2751)							
8456268570724	Invoi	JUN/JUL CHARGES	.47	Open	Non		620-53924-203
8456268570824	Invoi	JUL/AUG CHARGES	.39	Open	Non		620-53924-203
Total AT&T LONG DISTANCE (2751):			.86				
BADGER METER INC (517)							
80167516	Invoi	ORION CELLULAR LTE SERV UNIT	1,028.70	Open	Non		620-53904-214
Total BADGER METER INC (517):			1,028.70				
CELLCOM (4683)							
659853	Invoi	STORM I-PADS	23.59	Open	Non		630-53442-218
659853	Invoi	SANITARY SEWER I-PAD	23.59	Open	Non		610-53612-218
Total CELLCOM (4683):			47.18				
DONALD HIETPAS & SONS INC. (209)							
20924 EVERGREE	Invoi	DUG UP VALVE - EVERGREEN DR	1,959.41	Open	Non		620-53644-251
72324STOPBOX	Invoi	CHANGED STOP BOX AT 814 MICHIGAN AVE	1,599.16	Open	Non		620-53644-252
Total DONALD HIETPAS & SONS INC. (209):			3,558.57				
FASTENAL COMPANY (847)							
WIKIM295438	Invoi	SUPPLIES	29.07	Open	Non		620-53644-218
WIKIM295664	Invoi	SUPPLIES	45.94	Open	Non		620-53644-251
WIKIM295709	Invoi	SUPPLIES	164.00	Open	Non		620-53644-251

Invoice	Type	Description	Total Cost	Terms	1099	PO Number	GL Account
Total FASTENAL COMPANY (847):			239.01				
FERGUSON WATERWORKS LLC #1476 (221)							
423261	Invoi	SUPPLIES	1,020.40	Open	Non		620-53644-251
423261	Invoi	SUPPLIES	370.00	Open	Non		620-53644-252
423369	Invoi	MISC PVC	2,659.26	Open	Non		630-53442-216
Total FERGUSON WATERWORKS LLC #1476 (221):			4,049.66				
GARROW OIL (4236)							
418545,419234,419	Invoi	DIESEL FUEL	5.35	Open	Non		610-53612-247
418545,419234,419	Invoi	DIESEL FUEL	17.85	Open	Non		620-53644-247
418545,419234,419	Invoi	FUEL	5.35	Open	Non		630-53442-247
Total GARROW OIL (4236):			28.55				
HAWKINS INC (1918)							
6817071	Invoi	AZONE	990.70	Open	Non		620-53634-214
6817071	Invoi	SODIUM SILICATE	4,231.25	Open	Non		620-53634-220
6830385	Invoi	AZONE	942.73	Open	Non		620-53634-214
6830385	Invoi	SODIUM SILICATE	4,231.25	Open	Non		620-53634-220
Total HAWKINS INC (1918):			10,395.93				
HEART OF THE VALLEY (280)							
80124MP	Invoi	HOV METER PAYABLE	3,030.00	Open	Non		610-21110
80524	Invoi	FOG CONTROL	183.50	Open	Non		610-53611-204
80524	Invoi	WASTEWATER	212,298.49	Open	Non		610-53611-225
Total HEART OF THE VALLEY (280):			215,511.99				
HERRLING CLARK LAW FIRM LTD (208)							
2Q/24 131-10Q	Invoi	STORM	301.50	Open	Atto		630-53444-262
2Q/24 131-81Q	Invoi	KAUKAUNA VS HOVMSD	1,639.10	Open	Atto		610-53614-262
Total HERRLING CLARK LAW FIRM LTD (208):			1,940.60				
KAUKAUNA UTILITIES (234)							
AUGUST 2024	Invoi	PUMP STATION JEFFERSON ST	1,710.78	Open	Non		620-53624-249
AUGUST 2024	Invoi	#4 WELL EVERGREEN DRIVE	7,956.25	Open	Non		620-53624-249
AUGUST 2024	Invoi	#3 WELL WASHINGTON ST	3,676.03	Open	Non		620-53624-249
AUGUST 2024	Invoi	STEPHEN ST TOWER/LIGHTING	123.98	Open	Non		620-53624-249
AUGUST 2024	Invoi	DOYLE PARK WELL ACCT 9012695-00	4,961.82	Open	Non		620-53624-249
AUGUST 2024	Invoi	1800 STEPHEN ST STORM	1,613.62	Open	Non		630-53441-249
Total KAUKAUNA UTILITIES (234):			20,042.48				
LAZER UTILITY LOCATING LLC (5357)							
1765	Invoi	SANITARY LOCATES	242.00	Open	Non		610-53612-209
1765	Invoi	STORM LOCATES	561.00	Open	Non		630-53442-209
1765	Invoi	WATER LOCATES	770.00	Open	Non		620-53644-209
Total LAZER UTILITY LOCATING LLC (5357):			1,573.00				
MCMAHON ASSOCIATES INC (276)							
935857	Invoi	PROFESSIONAL SERVICES 6/2-6/29/24 STORM SE	6,498.00	Open	Non		630-51216-204

Invoice	Type	Description	Total Cost	Terms	1099	PO Number	GL Account
Total MCMAHON ASSOCIATES INC (276):			**6,498.00**				
MCO (2254)							
30933	Invoi	HEALTH & LIABILITY INS SEPT 2024	39,922.96	Open	Non		620-53644-115
Total MCO (2254):			**39,922.96**				
MENARDS - APPLETON EAST (319)							
60666	Invoi	SANITARY SEWER PARTS - PATRIOT & FREEDOM	80.96	Open	Non		610-53612-251
60928	Invoi	CUTTING PLIERS & 48" T12 40W 6500K	55.89	Open	Non		620-53644-221
Total MENARDS - APPLETON EAST (319):			**136.85**				
MIDWEST METER INC (4407)							
169727	Invoi	METER BASE, CELLULAR LTE REMOTE, ETC	66,800.00	Open	Non		620-53644-301
Total MIDWEST METER INC (4407):			**66,800.00**				
MIDWEST SALT LLC (5001)							
P475138	Invoi	INDUSTRIAL COARSE SALT	3,527.77	Open	Non		620-53634-224
P475206	Invoi	INDUSTRIAL COARSE SALT	3,708.93	Open	Non		620-53634-224
P475228	Invoi	INDUSTRIAL COARSE SALT	3,534.24	Open	Non		620-53634-224
P475241	Invoi	INDUSTRIAL COARSE SALT	3,607.03	Open	Non		620-53634-224
P475315	Invoi	INDUSTRIAL COARSE SALT	3,639.38	Open	Non		620-53634-224
P475370	Invoi	INDUSTRIAL COARSE SALT	3,786.57	Open	Non		620-53634-224
P475456	Invoi	INDUSTRIAL COARSE SALT	3,427.48	Open	Non		620-53634-224
P475506	Invoi	INDUSTRIAL COARSE SALT	3,571.44	Open	Non		620-53634-224
P475536	Invoi	INDUSTRIAL COARSE SALT	3,556.88	Open	Non		620-53634-224
Total MIDWEST SALT LLC (5001):			**32,359.72**				
NORTHERN LAKE SERVICE INC (1711)							
2411851	Invoi	DW LEAD & COPPER ANALYSIS	775.00	Open	Non		620-53644-204
2412384	Invoi	DW SAMPLES	519.36	Open	Non		620-53644-204
2412644	Invoi	DW LEAD & COPPER ANALYSIS	775.00	Open	Non		620-53644-204
2412665	Invoi	DW LEAD & COPPER ANALYSIS	400.00	Open	Non		620-53644-204
Total NORTHERN LAKE SERVICE INC (1711):			**2,469.36**				
OUTAGAMIE COUNTY TREASURER (486)							
1020985	Invoi	FUEL BILL - JULY	8.96	Open	Non		630-53441-247
1020985	Invoi	FUEL BILL - JULY	292.86	Open	Non		630-53442-247
1020985	Invoi	FUEL BILL - JULY	308.83	Open	Non		610-53612-247
1020985	Invoi	FUEL BILL - JULY	501.93	Open	Non		620-53644-247
Total OUTAGAMIE COUNTY TREASURER (486):			**1,112.58**				
OUTAGAMIE CTY RECYCLING & SOLID WASTE (5051)							
34622	Invoi	REFUSE - JULY	504.56	Open	Non		630-53442-204
Total OUTAGAMIE CTY RECYCLING & SOLID WASTE (5051):			**504.56**				
P.J. KORTENS AND COMPANY INC (4846)							
10024956	Invoi	FIBER COMMUNICATION CHANGEOVER	725.20	Open	Non		620-53624-302
10024956	Invoi	FIBER COMMUNICATION CHANGEOVER	725.20	Open	Non		620-53634-302

Invoice	Type	Description	Total Cost	Terms	1099	PO Number	GL Account
Total P.J. KORTENS AND COMPANY INC (4846):			1,450.40				
POSTAL EXPRESS & MORE LLC (5093)							
257833	Invoi	POSTAGE-WATER TESTS	19.46	Open	Non		620-53644-204
Total POSTAL EXPRESS & MORE LLC (5093):			19.46				
PRIMADATA LLC (4671)							
SEPTEMBER 2024	Invoi	POSTCARD POSTAGE	325.00	Open	Non		610-53613-226
SEPTEMBER 2024	Invoi	POSTCARD POSTAGE	325.00	Open	Non		620-53904-226
SEPTEMBER 2024	Invoi	POSTCARD POSTAGE	325.00	Open	Non		630-53443-226
Total PRIMADATA LLC (4671):			975.00				
REINDERS INC (1006)							
2727131	Invoi	LAWN SEED	70.25	Open	Non		630-53442-216
Total REINDERS INC (1006):			70.25				
TIME WARNER CABLE (89)							
152864901080724	Invoi	AUGUST/SEPTEMBER SERVICE	116.16	Open	Non		620-53924-203
Total TIME WARNER CABLE (89):			116.16				
TRILOGY CONSULTING LLC (5323)							
1749	Invoi	WASTEWATER RATE STUDY	2,220.00	Open	Non		610-53614-204
Total TRILOGY CONSULTING LLC (5323):			2,220.00				
U.S. BANK (5015)							
49100824	Invoi	USPS - CERT LETTER NESTLE SEWER METER	5.08	Open	Non		610-53614-226
49100824	Invoi	AMAZON DISINFECTING WIPES & PAPER TOWEL	68.36	Open	Non		620-53644-218
Total U.S. BANK (5015):			73.44				
US POSTMASTER (264)							
82124 DPW FALL/	Invoi	FALL/WINTER DPW NEWSLETTER	174.76	Open	Non		610-53614-226
82124 DPW FALL/	Invoi	FALL/WINTER DPW NEWSLETTER	349.81	Open	Non		630-53444-226
Total US POSTMASTER (264):			524.57				
VERIZON WIRELESS (3606)							
9971429246	Invoi	JULY/AUGUST SERVICES	79.38	Open	Non		620-53924-203
Total VERIZON WIRELESS (3606):			79.38				
VILLAGE OF LITTLE CHUTE (1404)							
AUGUST 2024	Invoi	PUMP STATION JEFFERSON ST	36.82	Open	Non		620-53624-249
AUGUST 2024	Invoi	DOYLE PARK WELL #1	16.32	Open	Non		620-53624-249
AUGUST 2024	Invoi	#3 WELL WASHINGTON ST	12.38	Open	Non		620-53624-249
AUGUST 2024	Invoi	625 E EVERGREEN DR	152.32	Open	Non		620-53624-249
AUGUST 2024	Invoi	1200 STEPHEN ST - WATER TOWER	13.20	Open	Non		620-53624-249
AUGUST 2024	Invoi	3609 FREEDOM RD-WATER/SEWER	18.15	Open	Non		630-53441-249
Total VILLAGE OF LITTLE CHUTE (1404):			249.19				

Invoice	Type	Description	Total Cost	Terms	1099	PO Number	GL Account
VON BRIESEN & ROPER S.C. (4686)							
453358	Invoi	GENERAL LABOR	172.50	Open	Atto		620-53924-262
453358	Invoi	GENERAL LABOR	172.50	Open	Atto		610-53614-262
Total VON BRIESEN & ROPER S.C. (4686):			345.00				
WE ENERGIES (2788)							
5125942284	Invoi	PLANT #1 (100 WILSON ST)	11.55	Open	Non		620-53624-249
5125942284	Invoi	PUMP STATION @ EVERGREEN & FRENCH	737.93	Open	Non		620-53624-249
5125942284	Invoi	920 WASHINGTON ST	11.55	Open	Non		620-53624-249
5125942284	Invoi	LC WELL #4 PUMPHOUSE 625 E EVERGREEN	13.74	Open	Non		620-53624-249
5125942284	Invoi	PLANT #2 1118 JEFFERSON ST	11.88	Open	Non		620-53624-249
Total WE ENERGIES (2788):			786.65				
Grand Totals:			416,319.60				

Report GL Period Summary

Vendor number hash:	166939
Vendor number hash - split:	240098
Total number of invoices:	61
Total number of transactions:	93

Terms Description	Invoice Amount	Net Invoice Amount
Open Terms	416,319.60	416,319.60
Grand Totals:	416,319.60	416,319.60

Report Criteria:

Invoice Detail.GL Account = "6200000000"-"62099999999","61000000000"-"61099999999","63000000000"-"63099999999"